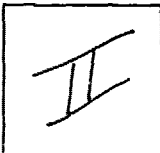


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USAFETAC/DS-80/063

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

LORING AFB ME FLD ELEV 746 FT LIZ WBAN #14623
N 46 57 W 067 53 WMO #

PARTS A-F
FOR FROM HOURLY OBS: DEC 69 - NOV 79

FOR FROM DAILY OBS: DEC 50 - NOV 79

TIME CONVERSION GMT TO LST: -5

JUN 27 1980

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ASHEVILLE, N. C.

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 80/063	2. GOVT ACCESSION NO	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)-Loring AFB, Caribou, ME		5. TYPE OF REPORT & PERIOD COVERED Final rept.
		6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. 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 27 June 80
		13. NUMBER OF PAGES
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperatures Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative Humidity *Climatological data (over)		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Loring AFB, Caribou, ME It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)		

DD FORM 1 JAN 73 1473

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

*Maine **Loring AFB, Caribou, ME

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

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those records 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 (Record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Following each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U.S. Air Force 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 hours: 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

MARCH _____

APRIL _____

JULY _____

MAY _____

MAY _____

AUGUST _____

SEPTEMBER _____

JUNE _____

SEPTEMBER _____

FIGURE	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	FIELD STATION	WIND DIRECTION
	LOOKING AFB/LEMBSTONE MAINE	N46 57	W067 53	746	LEZ	

STATION LOCATION AND INSTRUMENTATION HISTORY

NO. OF STATIONS	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		DAYS PER DAY
			FROM	TO			FIELD ELEV	HE BARO.	
1	Lembstone AFB	APR	Dec 50	Mar 53	N46 56	W067 53	725 FT	Same	24
2	Same	Same	Apr 53	Mar 56	N46 57	Same	745 FT	Same	24
3	Looking AFB Maine	Same	Apr 56	Feb 62	Same	Same	746 FT	Same	24
4	Same	Same	Mar 62	Nov 79	Same	Same	Same	752 FT	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Dec 50	N/A	N/A	N/A	N/A	
2	Apr 53	Located on top the control of the operations building	GMQ-1A	ML-204B	85 FT	
3	Apr 54	Same	Same	N/A	90 FT	
4	Apr 56	Located on E side of rnwy, 750 ft from centerline, approximately 1000 ft N of south end of rnwy or about 3100 ft from the weather stn	GMQ-11	RO-2	13 FT	
5	Apr 57	Located on the E side of rnwy approximately 1000 ft from B end	GMQ-11	RO-2	13 FT	
6	Apr 58	Located 500 ft E of south end of rnwy	Same	Same	Same	

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NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Apr 59	Located 1600 ft N and 600 ft E of south end of runway	Same	Same	Same	
8	Apr 60	Located NE side of runway 01	Same	Same	Same	
9	Apr 61	Same	Same	Same	15 ft	
10	Mar 62	Located 2100 ft down and 800 ft to the right of centerline of runway 01	Same	Same	13 ft	
11	Apr 63	1. Located 1600 ft from end and 665 ft E centerline of runway 01	GMQ-11	RO-2	13 ft	
		2. Located 1685 ft from end and 600 ft E centerline of runway 19	Same		30 ft	
12	Apr 69	Located 2000 ft down runway 01 and 18 000 ft to the left of the center line	GMQ-11	RO-2	13 ft	
13	Apr 69	Same	Same	RO-362	Same	
14	Apr 71	Same	GMQ-20	Same	Same	
15	Nov 79	Same	Same	Same	Same	

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A

PART A

WEATHER CONDITIONS

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

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

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

Thunderstorms - All reported occurrences of thunderstorms, 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.

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 70-79 JAN
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF VITH	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JAN	00-02		1.6	2.7	23.4		5.8	6.7	.8	2.7		9.5	929
	03-05		3.3	1.9	22.5		26.6	6.5	.4	2.7		9.5	930
	06-08		3.9	1.9	24.1		26.7	7.1	1.1	2.5		10.4	930
	09-11		4.3	1.0	24.9		29.2	7.0	2.4	3.2		12.3	930
	12-14		4.2	1.2	24.9	.1	29.4	7.0	1.8	4.5		12.2	930
	15-17		3.2	1.4	20.2		24.1	6.1	1.3	4.5		11.2	930
	18-20		2.9	1.4	23.1		26.6	4.5	1.1	4.1		9.7	930
	21-23	.1	2.9	1.1	23.7		26.2	5.1	.6	4.1		9.6	930
TOTALS		.0	3.3	1.6	23.3	.0	27.2	6.3	1.2	3.5		10.5	7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

19623 LORING AFB ME 73-79 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HALE	% OF OBS WITH PREC.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		3.4	1.2	24.3		27.8	6.0	.6	3.3		9.9	846
	03-05		3.3	1.9	26.7		30.5	9.0	1.4	2.7		12.4	846
	06-08		2.1	1.3	27.0		29.7	8.4	2.2	3.0		12.9	846
	09-11		2.6	1.1	25.3		27.4	7.4	2.0	3.0		12.4	846
	12-14		2.5	.4	24.2		26.8	5.4	1.4	3.9		12.5	846
	15-17		2.7	.8	25.2		23.4	7.3	1.5	4.0		12.5	846
	18-20		2.2	.8	21.2		23.6	6.1	.7	5.6		11.7	846
	21-23		3.0	.8	22.3		25.3	6.0	.2	4.6		13.6	846
TOTALS			2.7	1.0	24.5		27.4	7.0	1.3	3.9		11.6	6765

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LOPING AFB ME 70-79 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAZE	% OF OBS WITH PRECP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
MAR	00-02	.3	6.2	1.1	18.6		25.4	9.5		2.4		11.5	937
	03-05		6.2	2.2	19.1		25.5	10.9		2.6		13.1	930
	06-08		5.5	1.5	20.5		27.1	11.9	.6	2.5		14.6	930
	09-11		6.6	.6	22.6		29.0	9.6	1.1	3.4		13.2	937
	12-14		6.6	.3	22.5	.2	28.6	8.5	.4	4.2		12.2	930
	15-17		6.2	.5	21.6		27.6	7.5	.4	3.2		10.6	930
	18-20		6.6	.3	20.2		26.1	7.3	.3	3.7		10.9	930
	21-23		6.2	1.0	20.5		27.0	6.1		2.4		10.2	930
TOTALS		.0	6.3	1.0	20.6	.0	27.2	9.2	.4	3.1		12.0	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 73-79 APR
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		9.1	1.3	13.4		22.3	9.2	.1	.3		9.7	900
	03-05		11.0	1.1	14.0		24.6	12.1	.2	1.1		13.4	900
	06-08		10.4	.4	15.6		25.4	13.3	1.0	1.2		15.4	900
	09-11		10.6	.2	12.2		22.3	10.3	2.2	1.6		13.6	900
	12-14		11.2	.2	12.9	.1	23.7	8.4	1.1	1.3		10.3	900
	15-17		11.0		12.7	.1	23.4	7.4	.4	1.3		8.8	900
	18-20		10.1	.1	13.9		22.7	8.6	.2	1.9		10.1	900
	21-23	.1	9.7	.7	14.6		23.6	6.6		.9		7.1	900
TOTALS		.0	10.4	.5	13.7	.0	23.5	9.5	.7	1.2		11.1	7200

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1-623 LORING AFB ME
 STATION

73-79
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02	.1	17.0		.8		17.6	11.6				11.6	930
	03-05		16.8		1.0		17.5	17.6	.1			17.7	930
	06-08		16.3		1.8		17.6	14.8	1.7			16.2	930
	09-11	.1	16.3		1.6		17.4	9.1	1.8			10.9	930
	12-14	.3	18.2		.8		18.8	8.5	1.1			9.4	930
	15-17	1.2	17.3		1.0		17.7	8.3	1.4			9.6	930
	18-20	.8	17.5		.5		18.0	8.0	.3			8.3	930
	21-23	.6	17.2		.5		17.7	9.1	.2			9.1	930
TOTALS		.4	17.1		1.0		17.8	10.9	.8			11.6	7440

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIP WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 70-79 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUN	00-02	.6	15.1				15.1	15.8	3.0			13.1	900
	03-05	.2	15.2				15.2	19.3	2.8			21.3	900
	06-08	.1	13.3				13.3	16.0	6.3			21.2	900
	09-11		12.4				12.4	8.2	7.3			14.1	900
	12-14	.7	14.2				14.2	6.0	6.8			11.9	900
	15-17	2.0	13.7				13.7	7.2	6.7			12.7	900
	18-20	3.0	15.4				15.4	7.7	5.6			12.7	900
	21-23	1.0	15.2				15.2	9.3	4.6			13.2	900
TOTALS		1.0	14.3				14.3	10.6	5.4			15.0	7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 73-79 JUL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	1.8	9.5				9.5	14.4	6.2			16.6	929
	03-05	1.0	9.4				9.4	24.1	6.5			26.3	930
	06-08	.2	7.8				7.8	18.4	10.8			25.7	930
	09-11	.5	7.8				7.8	8.7	11.1			18.3	930
	12-14	1.9	11.0				11.0	6.2	11.5			15.6	930
	15-17	4.1	10.1				10.1	5.6	10.6			14.4	930
	18-20	4.3	11.4				11.4	7.2	9.1			14.5	928
	21-23	2.2	9.1				9.1	7.8	7.9			14.1	927
TOTALS		2.0	9.5				9.5	11.6	9.2			18.7	7434

2

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623
 STATION

LORING AFB ME
 STATION NAME

70-79
 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	1.0	12.3				12.3	17.7	4.5			26.5	930
	03-05	.2	10.8				10.8	25.4	4.9			27.1	930
	06-08	.1	10.5				10.5	22.0	9.0			27.2	930
	09-11	.5	10.4				10.4	11.3	7.2			17.1	930
	12-14	1.2	10.0				10.0	5.5	6.7			11.4	930
	15-17	3.0	11.5			.1	11.5	5.6	5.7			13.6	930
	18-20	3.0	12.9				12.9	8.8	6.3			13.8	930
	21-23	1.6	12.0				12.0	13.2	5.4			16.7	930
TOTALS		1.3	11.3			.0	11.3	13.7	6.3			18.1	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LOPING AFB ME 75-79 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02	.2	14.7				14.7	13.0	1.7			14.0	900
	03-05	.1	14.6				14.6	18.4	1.8			19.3	900
	06-08		12.9				12.9	20.4	4.3			22.9	900
	09-11		11.7				11.7	11.7	5.0			15.4	900
	12-14	.1	11.7		.1		11.8	6.9	4.1			10.6	900
	15-17	.2	15.3				15.3	9.0	4.0			12.3	900
	18-20	.3	13.9				13.9	10.1	2.9			12.3	900
	21-23	.3	14.6				14.8	12.1	2.3			13.1	900
TOTALS		.2	13.7		.0		13.7	12.7	3.3			15.0	7200

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14523 LORING AFB ME 73-79 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		15.9		3.3		18.6	14.5	2.2			15.5	930
	03-05		12.0		3.0		15.1	17.0	1.5	.1		17.6	930
	06-08		14.8		2.5		17.2	19.9	2.0	.1		20.5	930
	09-11		13.7	.1	2.6		16.0	14.6	2.7			16.3	930
	12-14		12.8		3.4		16.1	9.6	3.3			12.0	930
	15-17	.4	13.7		2.5		16.0	9.9	3.5			12.8	930
	18-20	.2	14.7		3.2		17.1	10.5	2.9			12.9	930
	21-23	.3	15.1		2.9		16.9	11.0	3.3			13.2	930
TOTALS		.1	14.1	.0	2.9		16.6	13.4	2.8	.0		15.2	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623
 STATION

LORING AFB ME
 STATION NAME

70-79
 YEARS

NOV
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
 CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		10.9	.9	13.4		21.8	11.9		1.2		13.1	900
	03-05		9.9	.6	12.3		21.9	12.6		1.2		13.6	900
	06-08		8.6	.7	12.7		21.3	16.2	.3	1.0		17.3	900
	09-11		7.2	.8	17.8		24.6	12.6	1.2	1.4		14.6	900
	12-14		8.2	1.3	17.8		25.9	11.6	1.0	1.7		13.8	900
	15-17		9.7	1.4	14.7		25.3	12.6	.6	2.1		14.1	900
	18-20		8.1	1.3	11.6		20.3	12.0	.3	1.2		12.9	898
	21-23		8.8	.7	10.7		19.6	11.3	.2	.9		12.4	897
TOTALS			8.9	1.0	13.5		22.6	12.6	.5	1.3		14.0	7195

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 69-78 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
DEC	00-02		2.7	2.9	28.8		32.7	8.9	.4	4.1		13.0	930
	03-05		4.2	2.4	26.7		31.9	10.3	.3	4.0		14.5	930
	06-08		4.2	2.2	23.4		29.0	10.5	.5	2.0		12.9	930
	09-11		4.7	1.3	27.7		32.6	9.9	1.2	3.2		14.0	930
	12-14		4.5	1.4	28.5		33.5	9.4	1.1	4.0		14.3	930
	15-17		4.1	1.0	27.2		31.5	10.4	.9	3.9		14.4	930
	18-20		4.4	1.2	24.7		29.7	8.1	.1	3.0		11.1	930
	21-23		4.7	3.2	25.4		30.8	7.2	.1	4.0		11.2	930
TOTALS			4.2	2.0	26.6		31.5	9.3	.6	3.5		13.2	7440

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

14623 LORING AFB ME 69-79 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	3.3	1.6	23.3	.0	27.2	6.3	1.2	3.5		10.6	7439
FEB			2.7	1.0	24.5		27.4	7.0	1.3	3.8		11.6	6768
MAR		.0	6.3	1.0	23.8	.0	27.2	9.2	.4	3.1		12.0	7440
APR		.0	10.4	.5	13.7	.0	23.5	9.5	.7	1.2		11.1	7200
MAY		.4	17.1		1.0		17.2	10.9	.8			11.6	7440
JUN		1.0	14.3				14.3	10.6	5.4			15.0	7200
JUL		2.0	9.5				9.5	11.6	9.2			18.7	7434
AUG		1.3	11.3			.0	11.3	13.7	6.3			19.1	7440
SEP		.2	13.7		.0		13.7	12.7	3.3			15.0	7200
OCT		.1	14.1	.0	2.9		16.6	13.4	2.8	.0		15.2	7440
NOV			8.9	1.0	13.5		22.6	12.6	.5	1.3		14.0	7195
DEC			4.2	2.0	26.6		31.5	9.3	.6	3.5		13.2	7440
TOTALS		.4	9.7	.6	10.5	.0	20.2	10.6	2.7	1.4		13.8	87636

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 COND. NO 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 WMAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXXX
 XX **WEATHER CONDITIONS** XX
 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
 ATMOSPHERIC PHENOMENA

1-023 LORING AFB ME 51-79 ALL
 STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND /CZ SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.1	17.1	9.7	74.6	.1	76.7	26.2	9.0	18.4		44.2	698
FEB			13.3	7.4	69.5		70.8	27.5	11.2	18.4		43.5	619
MAR		.4	21.7	5.9	58.6	.1	65.9	28.0	5.7	13.9		39.6	699
APR		1.1	40.5	2.8	36.9	.3	58.0	32.8	6.3	3.7		36.2	670
MAY		5.9	57.5		5.9	.7	58.6	34.0	6.6	.3	.1	35.7	896
JUN		13.6	60.5		.2	.6	60.5	36.4	16.9		.1	42.5	870
JUL		20.4	59.0			.6	59.0	43.3	22.1			48.1	899
AUG		13.9	58.6			.8	56.6	44.2	20.8			45.5	899
SEP		3.8	54.8		1.2	.3	55.1	43.4	12.8		.3	45.5	870
OCT		1.4	53.6	.3	17.2	.1	58.3	39.2	11.3	.4		41.2	890
NOV			39.8	7.4	50.1		71.6	42.2	6.8	3.7	.1	45.5	870
DEC			21.2	0.3	73.0		78.0	32.7	6.8	15.9		44.4	899
TOTALS		5.0	41.0	3.6	32.2	.3	64.1	36.2	11.4	6.2	.0	43.0	10588

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

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

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

Air Force Stations:

Beginning thru 1945 at 0600LT
 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

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON, DC 20540-7100

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
 PRECIPITATION
 (FROM DAILY OBSERVATIONS)

STATION: EL PASO APT ME

3-75

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	7.0	3.0	4.3	10.3	6.5	10.6	7.8	2.5	1.7					47.1	896	2.56	5.26	.36
FEB	7.0	2.0	4.5	11.6	6.7	9.3	6.7	4.1	.9					46.2	817	2.61	5.54	.30
MAR	3.0	2.0	3.9	11.6	6.3	10.3	7.3	3.4	.4					43.6	899	2.51	5.73	.30
APR	4.0	21.4	4.3	6.2	6.4	9.1	7.1	3.1	.8					37.7	869	2.52	4.46	.36
MAY	41.5	17.3	4.8	6.1	6.9	6.9	7.6	6.1	1.7					41.2	896	3.7	5.78	.32
JUN	38.4	17.3	4.3	9.3	6.2	10.1	7.8	4.5	2.2					44.3	869	3.49	7.44	1.34
JUL	35.7	16.1	3.7	9.4	6.9	9.7	8.4	5.6	2.3					45.3	894	4.17	6.48	1.76
AUG	41.9	15.3	2.9	8.2	4.7	9.5	8.4	4.8	3.6					42.3	894	4.34	7.49	1.13
SEP	4.5	14.5	3.6	3.1	6.7	6.6	7.1	4.5	2.1	.5				41.6	868	3.03	7.65	.71
OCT	4.6	16.1	3.6	9.9	6.4	5.1	7.6	3.6	1.8	.2				41.4	897	3.36	7.63	1.24
NOV	7.3	13.9	4.6	12.4	5.9	10.9	8.2	4.7	1.5					48.2	869	3.35	5.96	1.44
DEC	21.2	26.4	5.7	12.1	6.7	12.0	8.1	4.7	1.1					56.4	898	3.35	6.68	.97
ANNUAL	36.1	20.7	4.2	13.3	6.4	9.8	7.7	4.2	1.6	.1				44.3	10566	39.16		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 PRECIPITATION

FROM DAILY OBSERVATIONS

14623 LORING AFB ME 50-79
 STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												1.01	
51	.73	.81	.24	1.25	.56	1.16	.97	1.31	.92	1.41	1.61	.70	1.61
52	.39	1.90	.43	.50	.59	2.01	.60	1.11	.63	3.41	.44	.46	3.41
53	.80	.52	1.36	1.20	.81	.40	1.06	.64	.76	1.02	.96	.93	1.36
54	.48	1.22	.49	1.26	.90	1.20	1.44	2.05	4.77	1.35	.85	.74	4.77
55	.50	1.07	.91	.76	.61	.76	.47	1.55	1.13	.33	.33	.38	1.55
56	1.20	.41	.70	.85	.55	.70	.64	1.70	1.02	1.01	1.11	.90	1.70
57	.33	.73	.64	1.25	.60	.87	1.59	.44	1.27	.84	.85	1.09	1.59
58	.72	.77	.39	1.07	.84	1.04	.87	2.10	.58	.38	.96	.74	2.10
59	.95	1.09	1.01	.65	.19	1.21	.92	1.27	1.54	1.40	1.70	.70	1.70
60	2.10	.90	.56	.87	.98	1.60	1.03	.90	1.02	.86	.97	1.41	2.10
61	.55	1.11	.60	.47	2.41	.71	1.51	1.56	1.79	.46	.50	1.26	2.41
62	.33	.28	.31	.55	.53	.41	1.71	1.29	1.26	.80	1.39	1.15	1.71
63	1.13	.62	.69	.64	.46	.89	.84	1.80	1.06	1.05	1.29	.21	1.80
64	.72	.27	.73	.47	1.66	.43	1.16	.72	.42	2.24	.33	1.26	2.24
65	*.46	.35	.31	.52	.50	.53	.83	1.02	.85	.44	.88	.51	1.02
66	*1.11	1.01	.53	.68	1.76	.64	.81	.40	.78	2.42	1.21	.55	2.42
67	1.24	.91	.80*	.17*	.69	.32	1.15	1.24	1.71	.84	1.44	.92	1.71
68	*.49*	.88	.78	.53	.41*	.48*	1.90*	.53*	.25*	1.26	.74	.66	*1.90
69	1.22	.84	.40	.41	.97	1.13	2.13	.66	3.06	.37	1.51	1.00	3.06
70	.25	.59	.55	1.55	.82	1.04	1.14	1.15	1.26	4.11	.66	.37	4.11
71	.44	.66	.54	.35*	.70	1.11	1.04	.67	.77	1.22*	.81*	.46	1.22
72	1.23	.42	.89	.23	.94	1.72	1.69*	1.91	2.51	.90	.80	1.15	2.51
73	.67	.50	.50	1.91	1.30	.46	2.33	1.03	.96	.71	.49	2.01	2.33
74	.31	.48	.55	.90	.89	.91	.70	1.32	.66	.46	1.16	.92	1.32
75	.52	.80	.81	.39*	1.17	.64	1.03	.34	1.30	.46	.61	1.00	1.30
76	1.04	.61	1.84	.83	1.14	1.25	1.76	2.31	.79	1.65	.68	1.36	2.31
77	.89	.62	.79	.69	.39	1.04	.49	1.60	1.54	1.22	.51	.56	1.60
78	1.02	.10	.49	.44	.65	1.44	.95	.97	.78	.81	.84	.34	1.44
79	.43	.92	.81	.95	1.44	.88	.92	1.24	3.47	.43	1.60		
MEAN	.777	.733	.678	.792	.881	.946	1.135	1.200	1.379	1.164	.944	.868	2.201
S.D.	.421	.364	.326	.397	.498	.420	.472	.523	.979	.907	.405	.396	.922
TOTAL OBS	896	817	899	869	896	869	894	894	868	897	869	898	10566

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 XXXXXXXXXXXXXXXXXXXX
 MONTHLY PRECIPITATION

14623 LORING AFB ME

50-79

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
51												5.00	
52	2.18	3.45	1.34	4.41	1.95	3.77	5.12	6.14	2.95	2.99	5.51	3.06	42.87
53	2.02	4.90	.97	2.19	2.52	4.75	1.76	2.28	2.27	4.73	1.68	1.34	31.41
54	3.00	2.19	5.62	3.33	2.11	1.91	3.64	1.37	1.88	2.83	3.48	3.63	34.99
55	2.41	3.41	1.47	3.64	3.75	6.24	5.82	6.67	6.80	5.21	3.88	5.44	54.74
56	3.39	4.72	3.69	1.26	3.15	2.47	2.63	4.76	3.16	1.36	1.44	1.01	33.04
57	5.38	1.62	1.59	2.50	1.88	3.31	2.95	5.00	3.18	2.40	2.73	2.94	35.48
58	1.39	2.54	1.83	2.43	1.25	3.40	6.22	1.13	4.20	2.08	4.52	4.91	35.90
59	4.07	5.54	1.85	2.98	2.04	3.04	3.61	7.12	1.99	2.08	3.31	2.45	40.08
60	3.42	2.89	5.15	2.13	.52	3.49	1.82	5.99	2.69	6.15	4.29	2.89	41.43
61	5.25	4.67	2.88	3.28	3.90	6.76	3.89	1.96	2.67	4.05	3.22	4.34	46.87
62	1.79	3.42	2.26	2.37	4.34	3.23	3.83	7.49	6.55	1.81	2.47	2.44	42.00
63	.89	1.22	.50	3.14	2.68	2.28	5.28	3.45	4.65	3.43	5.87	3.35	36.74
64	2.69	2.67	2.33	2.32	2.63	1.88	4.56	7.36	3.60	4.16	5.98	.97	41.15
65	2.71	1.00	3.16	2.01	4.46	2.01	3.97	3.55	1.66	4.62	1.66	4.08	34.89
66	* 1.73	1.57	.70	2.02	2.61	1.95	3.62	3.54	3.17	3.52	5.15	2.07	*31.65
67	* 3.78	2.77	3.62	1.26	4.18	1.64	2.63	1.85	3.04	4.20	3.30	2.76	*35.03
68	3.27	2.85	1.22*	.36*	3.82	1.41	4.84	5.55	6.49	2.74	3.46	3.39	*39.40
69	* 3.25*	1.11	3.34	1.47	1.16*	1.34*	3.61*	1.29*	.71*	2.76	3.93	4.17	*28.14
70	3.67	2.46	1.17	1.89	3.17	3.75	5.35	3.02	7.65	1.24	3.68	3.59	40.63
71	.36	2.39	1.89	3.38	4.05	3.65	3.35	3.80	5.58	7.03	1.97	2.42	39.87
72	1.64	2.17	2.62	1.88*	2.38	2.32	4.05	3.37	2.78	3.49*	3.33*	2.46	*32.49
73	2.38	2.09	5.73	1.07	3.92	7.13	4.77*	5.70	5.19	3.87	3.15	4.60	*49.60
74	2.38	2.75	1.93	4.14	5.40	2.15	5.31	3.70	2.30	1.55	2.45	6.68	40.74
75	1.65	1.28	2.65	4.48	3.69	2.80	3.01	5.71	3.96	1.48	4.28	2.45	37.44
76	1.87	1.49	2.51	1.65*	3.18	2.72	4.91	2.20	3.78	1.64	3.06	3.94	*32.95
77	3.09	2.53	3.01	2.71	6.08	4.02	6.48	6.34	2.44	5.27	2.36	4.53	48.86
78	2.27	2.44	2.63	1.48	.96	7.42	2.41	5.63	4.61	5.58	1.64	2.85	39.92
79	3.61	.32	1.61	1.70	1.84	4.24	4.41	2.29	2.30	2.34	1.83	2.54	29.03
80	2.42	1.72	3.61	3.43	5.66	4.03	3.60	5.96	5.56	2.11	3.58		
MEAN	2.662	2.610	2.513	2.519	3.073	3.492	4.066	4.342	3.825	3.356	3.353	3.351	39.432
S D	1.172	1.234	1.354	.968	1.472	1.659	1.255	1.960	1.663	1.577	1.286	1.335	5.920
TOTAL OBS	896	817	899	773	896	869	894	894	868	897	869	898	10566

NOTE * (BASED ON LESS THAN FULL MONTHS)

2
 001 AL QUANTOLOGY 25A 24
 AT 1111 SE 11/11/81

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
 (FROM DAILY OBSERVATIONS)

LAZB LUPING AFB ME

5-79

STATION

STATION NAME

YEARS

PRECIP	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	14.4	35.4	15.4	14.5	5.9	3.0	2.7	2.0	1.6	.4				47.4	899	23.6	46.2	3.4
FEB	10.7	22.0	13.9	17.1	5.7	3.2	2.1	2.4	2.3	.4	.1			47.3	818	24.2	47.1	2.0
MAR	47.9	11.9	12.8	11.4	3.8	4.2	1.6	1.6	1.6	.3				37.3	897	27.4	52.3	3.6
APR	17.6	18.4	6.4	2.2	3.4	2.7	1.1	.7	.5					19.0	870	2.4	21.0	TRACE
MAY	94.7	3.4	.9	.6	.3	.1	.1	.2						2.1	897	1.0	11.1	.5
JUN	99.8	.1	.1											.1	870	TRACE	.1	.1
JUL	100.0														899	.0	.0	.0
AUG	100.0														895	.0	.0	.0
SEP	98.7	.2	.2	.2										.5	870	TRACE	1.3	.5
OCT	82.4	12.1	2.1	1.8	.8	.1	.2	.1	.2	.1				5.5	899	7.6	12.6	.2
NOV	40.6	25.4	11.5	7.0	3.1	1.6	1.2	.9	.6	.2				28.0	869	10.2	32.6	.4
DEC	26.3	29.1	16.3	10.7	7.8	3.6	2.1	1.8	1.8	.6	.1			44.7	898	24.4	58.1	2.5
ANNUAL	67.6	13.6	6.5	5.7	2.5	1.5	.9	.8	.7	.2	.1			18.9	10591	14.7		

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOWFALL

FROM DAILY OBSERVATIONS

14623 LORING AFB ME

50-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												5.5	
51	10.0	9.4	4.0	.6	.2	.0	.0	.0	.0	.8	15.0	7.0	15.0
52	3.9	19.0	3.1	4.0	TRACE	.0	.0	.0	.0	3.5	2.3	4.6	19.0
53	8.0	5.2	13.6	8.2	.0	.0	.0	.0	.0	.7	.4	4.2	13.6
54	4.8	12.2	4.9	2.6	TRACE	.0	.0	.0	.0	.2	4.3	6.8	12.2
55	5.0	10.7	9.1	TRACE	.0	.0	.0	.0	.0	1.1	1.5	4.2	10.7
56	12.6	4.2	8.3	2.3	.1	.0	.0	.0	.0	.6	3.9	9.0	12.6
57	3.3	7.3	3.1	1.8	.3	.0	.0	.0	TRACE	.2	2.7	3.6	7.3
58	6.5	7.7	3.9	2.9	.0	.0	.0	.0	.0	TRACE	5.2	6.4	7.7
59	5.0	10.9	10.1	1.0	TRACE	.0	.0	.0	TRACE	7.8	3.4	6.8	10.9
60	8.2	9.0	5.6	4.6	.0	.0	.0	.0	.0	TRACE	.5	3.6	9.0
61	5.5	9.2	10.4	3.9	.7	.0	.0	.0	.0	5.7	2.7	3.9	10.4
62	2.7	3.3	2.6	5.2	TRACE	.0	.0	.0	.0	7.1	1.5	12.3	12.3
63	10.9	6.6	6.6	4.8	.3	.0	.0	.0	.0	.6	10.5	4.6	10.9
64	4.2	2.5	7.5	3.9	.0	.2	.0	.0	TRACE	1.4	6.6	17.2	17.2
65	9.0	5.6	3.4	1.9	.0	.0	.0	.0	.0	1.6	8.7	5.4	9.0
66	8.9	5.2	4.1	3.5	4.0	.0	.0	.0	.0	.6	2.7	10.5	10.5
67	11.9	6.4	8.0	1.0	5.5	.0	.0	.0	.0	TRACE	2.5	7.2	11.9
68	5.6*	.6*	7.1	.1	.0	.0	.0	.0	.0	.0	.7	2.1	* 7.1
69	1.1	1.1	.5	.2	TRACE	.0	.0	.0	.0	.1	2.3	10.0	10.0
70	2.3	4.7	3.1	6.6	TRACE	.0	.0	.0	.0	4.1	3.0	3.7	6.6
71	2.1	3.5	5.4	3.0	TRACE	.0	.0	.0	.0	TRACE*	8.1*	4.6	* 8.1
72	5.7	8.8	9.2	3.1	TRACE	.0	.0*	.0	.0	1.6	4.5	15.3	15.3
73	7.8	6.0	3.3	7.3	.0	.0	.0	.0	TRACE	TRACE	4.4	6.6	7.8
74	9.9	3.7	10.1	4.7	2.0	.0	.0	.0	.1	.4	15.2	4.8	15.2
75	10.0	3.1	8.3	9.1*	.0	.0	.0	.0	.0	TRACE	8.0	12.9	12.9
76	7.4	9.1	12.5	.5	TRACE	.0	.0	.0	.0	2.0	6.0	5.5	12.5
77	13.8	8.0	8.5	2.2	TRACE	.0	.0	.0	.0	TRACE	4.0	7.1	13.8
78	9.8	2.0	3.4	5.0	1.8	.0	.0	.0	.0	TRACE	4.0	6.7	9.8
79	5.5	5.4	2.1	2.2	TRACE	.0	.0	.0	.0	.5	1.5		
MEAN	6.94	6.78	6.24	3.32	.55	.01	.00	.00	.02	1.74	4.36	6.97	11.50
S. D.	3.347	3.752	3.397	2.413	1.330	.036	.000	.000	.112	2.737	3.668	3.778	3.085
TOTAL OBS	899	818	897	870	897	870	899	895	870	899	869	898	10581

NOTE * (BASED ON LESS THAN FULL MONTHS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXX
EXTREME VALUES
 MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

14623
 STATION

LORING AFB ME
 STATION NAME

50-79
 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50													
51	20.9	34.2	12.5	.6	.2	.3	.0	.0	.0	.8	24.2	15.7	119.7
52	19.6	43.2	6.7	5.3	TRACE	.0	.0	.0	.0	5.4	3.7	9.8	93.7
53	14.9	19.9	32.1	17.0	.0	.0	.3	.0	.0	.7	.4	12.5	97.5
54	21.3	27.8	9.0	3.1	TRACE	.3	.0	.0	.0	.2	8.6	39.1	109.7
55	33.6	33.6	33.2	TRACE	.0	.0	.0	.0	.0	1.1	6.0	12.3	119.8
56	32.6	14.4	16.7	3.3	.1	.0	.0	.0	.0	.6	8.7	28.9	105.0
57	12.6	24.0	11.6	6.2	.6	.0	.0	.0	TRACE	.2	5.7	22.2	83.1
58	33.7	47.1	16.6	5.6	.0	.0	.0	.0	.0	TRACE	22.3	20.9	146.2
59	23.6	28.7	51.3	2.0	TRACE	.0	.0	.0	TRACE	12.6	12.6	19.7	150.5
60	32.4	42.2	23.2	12.1	.0	.0	.0	.0	.0	TRACE	1.3	19.0	130.2
61	16.2	28.3	35.4	19.8	.8	.0	.0	.0	.0	6.0	5.8	10.6	124.9
62	7.8	14.6	6.1	13.6	TRACE	.0	.0	.0	.0	12.4	5.9	30.0	90.6
63	26.4	27.8	20.7	10.5	.3	.0	.0	.0	1.3	12.6	9.2	10.0	118.8
64	20.2	11.3	22.9	9.6	.0	.2	.0	.0	TRACE	2.8	15.1	47.7	129.8
65	27.9	16.9	7.3	6.3	.0	.0	.0	.0	.0	1.7	32.6	18.4	111.1
66	40.3	23.7	21.2	6.6	8.5	.0	.0	.0	.0	1.0	4.8	28.8	134.9
67	30.1	28.6	12.7	1.0	11.1	.0	.0	.0	.0	TRACE	6.5	22.6	112.6
68	26.4*	2.0*	18.8	.1	.0	.0	.0	.0	.0	.0	3.5	8.5	*59.3
69	4.2	5.1	3.6	.5	TRACE	.0	.0	.0	.0	.2	3.4	24.2	41.2
70	3.4	14.6	13.2	11.1	TRACE	.0	.0	.0	.0	5.1	9.7	23.7	80.8
71	10.4	10.9	26.2	10.4*	TRACE	.0	.0	.0	.0	TRACE*	22.3*	22.9	*103.1
72	13.9	24.9	52.3	9.8	TRACE	.0	.0*	.0	.0	1.8	12.1	58.1	*172.9
73	21.0	28.8	9.2	17.6	.0	.0	.0	.0	TRACE	TRACE	12.8	25.7	115.1
74	20.9	15.3	22.4	14.0	2.4	.0	.0	.0	.1	.8	28.5	11.9	116.3
75	35.4	14.5	28.3	21.0*	.0	.0	.0	.0	.0	TRACE	9.4	32.9	*141.5
76	25.7	31.6	26.5	1.1	TRACE	.0	.0	.0	.0	4.5	13.2	35.4	138.0
77	46.2	43.2	25.2	6.7	TRACE	.0	.0	.0	.0	TRACE	7.9	31.3	160.5
78	41.7	6.1	18.4	17.7	1.8	.0	.0	.0	.0	TRACE	9.1	37.0	131.8
79	19.7	15.6	6.7	11.5	TRACE	.0	.0	.0	.0	1.0	3.7		
MEAN	23.62	24.18	20.40	8.41	.96	.01	.00	.00	.05	2.47	10.24	24.42	115.08
S.D.	10.849	11.471	12.540	6.377	2.638	.036	.000	.000	.241	3.900	7.960	11.988	25.757
TOTAL OBS.	899	818	897	870	897	870	899	895	870	899	869	898	10581

NOTE * (BASED ON LESS THAN FULL MONTHS)

2

FEDERAL CLIMATOLOGY BRANCH
WASH DC
METEOROLOGICAL SERVICE/NOAA

DAILY AMOUNTS
PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23 CONRAD AFB TX 51-79

STATION STATION NAME YEARS

PRECIP	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01 0.4	05 1.4	15 2.4	25 3.4	35 4.4	45 6.4	65 10.4	105 15.4	155 25.4	255 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			8.1	1.1	3.7	8.1	17.3	53.1	11.4	3.3				98.7	598				
FEB			1.3	1.5	2.3	6.8	18.1	36.1	21.0	7.4	8.8	1.1		99.9	519				
MAR			3.7	3.3	4.1	11.0	15.8	29.1	21.7	4.3	1.4	.3		94.7	509				
APR	97.5	10.2	7.6	5.2	3.3	9.5	9.3	10.6	.7					45.2	570				
MAY	97.9	5.7	.6	.4	.2	.2								1.4	597				
JUN	97.0														873				
JUL	97.0														898				
AUG	97.0														897				
SEP	99.5	.1													870				
OCT	14.1	2.1	1.7	.6	.1	.8	.4	.2						3.0	599				
NOV	74.1	10.9	10.5	6.3	5.5	6.9	4.4	.9	.5					34.9	870				
DEC	8.8	3.9	6.3	11.1	6.3	17.7	23.6	19.7	2.9					67.7	899				
ANNUAL	57.5	3.5	2.9	2.4	2.1	5.1	7.4	12.2	4.0	1.3	.5	.1		35.9	13536				

1 GLOBAL CLIMATOLOGY BRANCH
 2 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SNOW DEPTH

FROM DAILY OBSERVATIONS

14623 LORING AFB ME 50-79
 STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												11	
51	15	27	31	2	0	0	0	0	0	1	17	21	31
52	30	52	62	9	0	0	0	0	0	2	3	8	52
53	11	13	27	11	0	0	0	0	0	5	TRACE	9	27
54	18	37	11	7	0	0	0	0	0	TRACE	5	27	37
55	50	53	37	19	0	0	0	0	0	1	2	9	53
56	21	21	14	6	TRACE	0	0	0	0	1	3	21	21
57	23	21	24	2	TRACE	0	0	0	0	TRACE	3	11	24
58	21	68	60	4	0	0	0	0	0	0	11	19	68
59	22	35	38	9	0	0	0	0	0	3	5	9	38
60	45	35	31	7	0	0	0	0	0	0	1	9	45
61	29	38	53	36	3	0	0	0	0	5	2	5	53
62	5	10	10	9	0	0	0	0	0	7	3	24	24
63	34	36	33	12	TRACE	0	0	0	TRACE	8	7	6	36
64	18	7	12	10	0	0	0	0	0	0	10	17	18
65	19	18	16	3	0	0	0	0	0	0	20	24	24
66	* 35	38	31	14	4	0	0	0	0	0	5	25	38
67	30	37	36	17	4	0	0	0	0	0	3	15	37
68	27	21	23	2	0	0	0	0	0	0	12	26	27
69	43	43	30	18	0	0	0	0	0	2	4	22	43
70	5	10	8	8	0	0	0	0	0	4	3	24	24
71	24	24	34	2	*TRACE	0	0	0	0	0	9	23	34
72	30	26	43	21	TRACE	0*	0*	0	0	1	4	35	43
73	27	38	39	15	TRACE	0	0	0	0	0	7	8	39
74	19	20	18	13	2	0	0	0	0	TRACE	25	23	25
75	25	24	29	24	*TRACE	0	0	0	0	0	9	19	29
76	26	30	36	6	0	0	0	0	0	20	6	25	36
77	47	62	49	17	TRACE	0	0	0	0	0	4	20	62
78	23	17	17	21	1	0	0	0	0	0	8	27	27
79	20	20	17	7	0	0	0	0	0	0	TRACE	3	
MEAN	25.3	30.7	30.0	12.1	.5	.0	.0	.0	TRACE	2.1	6.7	18.0	36.7
SD	11.144	15.636	14.485	7.910	1.221	.000	.000	.000	.000	4.122	5.782	7.919	14.144
TOTAL OBS	898	819	899	870	897	870	898	897	870	899	870	899	10586

NOTE * (BASED ON LESS THAN FULL MONTHS)

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 terms 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 near 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 VREL.

- 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.

C

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 SURFACE WINDS

14623 LOPING AFB ME
 STATION STATION NAME

56-79

FROM DAILY OBSERVATIONS

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH- YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
56	Nw #33WSW	45WSW	39SSE	33WNW	41Nw	32SSE*29SW	25WNW	26WNW	27SSE	25NW	42	WSW	45
57	Nw 39NW	32WNW	32NNW	33NNW	38SSW	30NE	26WNW	28WNW	36WNW*26WNW	31W	35	NW	39
58	NE 37NW	*41NNW	27W	37W	30NW	40WNW	30NW	25WNW	30W	29NW	36WSW	36	NW *41
59	SSE 35WNW	36WNW	44SE	28NW	35NW	34WSW	28N	29NW	25SE	31WSW	37W	34	WNW 44
60	WNW 33ESE	29NW	31W	32NNE	26WNW	33NW	27NNW	48SE	36WNW	33W	33WSW	36	NNW 48
61	NW 28W	39NW	32E	27SSE	22NW	28SSW	23SSW	30W	25S	22NW	22NW	24	W 39
62	W 42S	25NNW	46NNW	34NNW	38W	23NW	30E	23WSW	26NNE	27WNW	29S	31	NNW 46
63	WNW 31WNW	28NW	36NW	41W	31W	35WSW	50NNW	30NNW*27N	*40S	*48NW	*36	WSW 50	
64	S 36NW	42NNW	42NW	28NNW	29SSW	31NW	50S	26SSW	37N	35NW	32NW	43	NW 50
65	NNW 37SE	38NW	32N	30NW	34NW	38W	30NW	32S	28S	30NW	44N	32	NW 44
66	E 47WNW	37NW	33NNW	47NW	40WNW	32NNW	33W	25WSW	34NW	39S	41E	42	E 47
67	W 40WSW	44WNW	29N	43NW	*51WSW	34SW	35WNW	32N	31SW	*41W	*38WNW	40	NW *51
68	Nw #46W	43SSE	43NW	42NW	30SW	32 9/	4627/	3625*	2530*	3432*	3125/	32	NW *46
69	27/ 3625/	3830/	3631/	3219/	3830/	4030/	3827/	4225/	2826/	3921/	3830/	40	27/ 42
70	32/ 4216/	3926/	3530/	4318/	4131/	3828/	3725/	3713*	3422/	4329/	3828/	43	30/ 43
71	15/ 5121/	36 8/	47 3*	3223*	3633/	3730/	3730/	4424/	3827/	4031/	4132/	43	15/ 51
72	27/ 4611/	4933/	2731/	36 4/	3734/	3829/	3226/	3734/	3228/	3625/	3632/	42	11/ 49
73	31/ 3830/	3732/	3631/	3520/	3032/	3928/	3433/	3828/	4531*	4029/	3518/	47	18/ 47
74	24/ 4227/	5030/	4833/	3431/	4431/	3330/	3530/	3620/	3731/	4033/	4633/	33	27/ 50
75	32/ 3719/	3833/	4225*	4224/	3120/	3421/	2534/	3819/	2733/	3133/	3831/	31	33/ 42
76	26/ 4220/	4528/	3632/	3124/	3234/	2126/	2632/	2519/	28 8/	3531/	3233/	35	26/ 45
77	23/ 3632/	3032/	3328/	4533/	3020/	3221/	2825/	3020/	3532/	3515/	2830/	40	29/ 45
78	22/ 43 2/	2631/	3934/	3217/	3219/	3129/	3025/	3132/	3222/	3433/	3829/	31	22/ 43
79	12/ 3933/	4731/	2928/	3432/	4228/	2832/	3227/	3819/	3324/	4523/	37		
MEAN	39.0	38.0	36.5	35.3	34.1	33.0	33.1	32.7	31.9	34.3	35.2	36.9	45.5
S D	5.429	7.157	6.318	5.777	5.685	4.877	7.381	6.689	5.237	5.924	5.997	5.656	3.256
TOTAL OBS	714	670	739	711	732	716	716	736	702	700	702	704	8542

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

S (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19823
 STATION

LOPING AFB ME
 STATION NAME

77-79
 YEARS

JAN
 MONTH

ALL WEATHER
 CLASS

1000-2200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.3	1.7	.5								6.0	5.8
NNE	.9	1.7	.1	.1								2.8	4.4
NE	1.2	.8	.2	.1								2.3	4.2
ENE	1.3	.5		.1								1.9	3.7
E	2.2	.8	.3	.5	.1							3.9	5.1
ESE	.8	.7	.1	.1	.2	.2						1.7	5.2
SE	.8	.4	.3	.2								1.7	5.2
SSE	.5	1.1	.8	.8	.1							3.2	6.7
S	.5	1.7	2.2	1.9	.2							5.7	8.6
SSW	1.2	1.3	1.9	.8	.1							5.3	6.9
SW	1.3	1.9	1.1	.1	.1	.1						4.5	6.1
WSW	.9	2.5	1.1	.6								5.1	6.1
W	1.5	4.2	3.5	2.4	.2							11.8	7.6
WNW	1.1	2.6	1.9	1.4	.4							7.4	7.9
NW	.6	2.6	4.2	3.0	.3	.2						12.8	9.2
NNW	1.9	2.7	2.9	2.2								9.7	7.4
VARBL													
CALM												15.1	
	18.3	27.3	22.1	14.9	1.8	.5						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 SAFETY
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14223 STATION NAME LOWING AFB ME YEARS 70-79 JAN 1970-1980
STATION MONTH CLASS CONDIT.ON
ALL WEATHER
SCORES (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	1.6	2.2	1.5	.8								6.0	6.1
NNE	.8	.4	.8	.4								2.4	6.6
NE	.9	.8										1.6	3.4
ENE	1.0	.4	.3									1.7	4.1
E	2.5	1.1	.2	.2								4.0	3.5
ESE	.6	.9	.5	.2	.1	.1						2.5	7.0
SE	.9	.4	.1	.3								1.7	4.9
SSE	.6	.4	.3	.8	.3	.2						2.7	10.2
S	1.8	1.7	1.9	1.7	.2							7.4	7.5
SSW	1.0	2.0	1.7	.8								5.5	6.7
SW	.5	2.6	1.0	.2	.4							4.7	6.9
WSW	.5	1.9	1.9	.5								4.9	6.9
W	1.8	4.1	2.4	1.9	.1	.1						10.2	7.5
WNW	1.2	2.6	2.0	1.7	.3							7.8	8.0
NW	1.4	2.6	4.2	1.7	.3	.1	.1					10.4	8.1
NNW	1.1	3.1	2.3	2.4	.1	.1						9.0	6.0
VARBL													
CALM												17.3	
	17.7	27.2	21.2	13.7	2.2	.6	.1					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

0550

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14 23 LORING AFB ME 70-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1600-0600

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	1.2	2.3	1.5	.3								5.3	5.9
NNE	.9	.9	.8	.1								2.8	5.1
NE	.2	1.1	.2	.2								1.6	6.2
ENE	.8	.4	.3									1.5	4.3
E	2.6	1.1	.6	.1								4.4	4.5
ESE	.5	.9	.5	.2								2.3	5.3
SE	.4	.4	.4	.1								1.4	6.3
SSE	.2	.9	.5	.8	.4	.1						2.9	10.6
S	1.1	1.9	1.4	1.2	.5	.3	.1					5.6	9.3
SEW	.5	1.8	1.6	.6	.1		.1					4.8	7.8
SW	.2	2.6	1.7	.3								5.4	8.2
WSW	1.1	1.5	1.7	.5	.1							4.9	6.7
W	1.7	3.4	3.7	1.6	.6							11.3	7.6
WNW	1.5	3.3	2.4	1.2	.1							8.5	6.9
NW	1.4	2.6	3.1	2.7	.4	.1						10.3	8.6
NNW	1.9	1.7	3.5	2.0	.3	.2	.1					9.9	8.5
VAREL													
CALM												16.3	
	17.1	26.7	24.1	12.0	2.7	.6	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL BUREAU OF SURVEILLANCE
 METEOROLOGICAL SERVICE/AFAC

SURFACE WINDS

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

STATION: 14-23 LBBING AFB ME STATION NAME: 77-79 YEARS: JAN
 CLASS: ALL WEATHER MONTH: 900-1100
 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	1.5	1.7	1.1								4.1	7.5
NNE	.1	.8	.8	.1								1.7	7.1
NE	.4	1.1	.8									2.3	5.7
ENE	.3	.9	.2	.3								1.7	5.1
E	1.5	.9	.5	.2								3.1	4.6
ESE	1.0	1.5	.1	.3								2.9	5.7
SE	1.1	.6	.2	.1								2.0	4.1
SSE	.9	1.0	.6	.9	.7							3.7	6.5
S	1.3	1.2	2.6	1.3	.8	.2	.0	.1				9.7	9.0
SSW	.9	2.0	2.9	1.2	.5							8.5	5.2
SW	.3	1.3	1.2	.8								3.7	5.1
WSW	1.2	1.5	1.9	.9	.3	.1						5.9	5.2
W	1.5	2.8	3.4	2.5	.6							11.2	7.0
WNW	1.7	2.6	2.3	2.6	.5	.5						17.1	9.0
NW	.8	1.7	2.7	4.6	1.2	.1						11.1	11.1
NNW	1.4	1.2	4.0	2.9	.5	.1						10.1	9.5
VARB													
CALM												5.6	
	15.4	24.5	25.9	19.4	9.5	1.1	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14 23 LORING AFB ME 70-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 1270-1407

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	.5	1.0	.9	.8								3.1	7.2
NNE	.2	.5	1.1	.5	.1							2.5	8.7
NE	.5	1.4	.5									2.5	5.9
ENE	.4	.3	.5	.2								1.5	6.6
E	.8	.6	.5	.5								2.5	6.3
ESE	1.7	1.1	.2									2.3	4.0
SE	.8	.4	.3	.1								1.6	5.1
SSE	.4	1.3	.5	1.3	.4	.2						4.2	10.5
S	1.1	3.2	3.1	2.9	.6		.1					11.1	9.0
SSW	.3	1.8	1.6	1.2								4.9	7.8
SW	.9	1.5	1.2	1.0	.1							4.6	7.2
WSW	1.2	1.4	1.3	1.3	.5	.1						5.6	8.7
W	1.6	2.6	3.2	3.0	.8							11.2	9.0
WNW	.5	1.9	3.5	3.9	1.5	.5						11.4	11.0
NW	.8	1.1	5.2	6.9	2.7	.8						16.7	12.0
NNW	1.7	1.8	2.7	2.4	.5	.2						8.6	9.6
VARBL													
CALM												5.8	
	11.7	22.0	26.5	25.9	6.1	1.8	.1					100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LORING AFB ME STATION NAME 70-79 YEARS JAN
 MONTH 15-2-1791
 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	1.3	1.5	.5	.9	.3							4.5	7.2
NNE	.6	.6	.9	.1								2.3	6.1
NE	.2	.8	.5									1.5	5.8
ENE	.3	.3	.3	.3								1.3	7.3
E	1.0	.4	.6	.4	.1							2.6	6.8
ESE	.9	.6	.3	.1								1.9	4.4
SE	1.7	.3	.3									2.4	3.5
SSE	1.0	1.4	1.3	1.5	.2	.5						5.9	9.4
S	1.9	2.6	2.6	1.4	.1							6.5	7.1
SSW	.5	.6	1.3	1.1	.1							3.7	6.7
SW	.5	.6	1.4	.6	.1	.1		.1				3.5	9.5
WSW	.5	1.2	2.5	1.6	.1	.1						6.2	9.2
W	.8	2.3	3.3	1.7	.8	.1						3.9	9.3
WNW	.3	1.7	3.2	2.6	.4	.6						8.9	10.6
NW	.6	2.9	3.2	4.8	1.1	.1						12.2	10.3
NNW	1.9	3.4	3.1	3.1	.4	.1						12.2	8.2
VARBL													
CALM												13.0	
	14.2	21.4	25.5	20.3	3.8	1.7		.1				130.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-023 LORING AFB ME 71-79 JA
 STATION STATION NAME YEARS MONTH
 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	2.4	.9	.9	.2							0.8	6.0
NNE	.3	1.3	.9	.2								2.7	6.3
NE		.3	.6	.4								1.4	9.2
ENE	.6	.1	.3									1.1	4.3
E	1.2	.2	.5	.5		.1						2.7	7.2
ESE	.9	.4	.2	.2								1.7	4.5
SE	1.7	1.1	.2									3.0	3.4
SSE	1.1	.3	.9	1.0		.3						3.5	9.2
S	1.0	1.6	1.8	2.3		.2	.1					7.0	9.4
SSW	.5	1.1	.9	.9								3.3	7.3
SW	.5	1.1	1.8	1.3								4.8	6.0
WSW	.6	2.5	2.4	1.6	.1							7.3	7.7
W	1.0	2.3	3.5	2.3	.6	.3						10.0	9.4
WNW	.8	1.6	2.3	2.4	.3							7.2	9.4
NW	1.3	1.5	3.0	3.4	1.0							10.2	9.8
NNW	1.7	4.6	2.7	1.4	.2							10.6	6.8
VARBL													
CALM												16.7	
	15.9	22.4	22.8	19.7	2.5	1.0	.1					105.0	6.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14523 STATION NAME LORING AFB ME YEARS 70-79 MONTH JAN
 CLASS ALL WEATHER HOURS (L S T.) 2100-2000
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.3	1.1	.2	.2							5.1	5.6
NNE	1.1	1.4	.9	.2								3.5	5.4
NE	.5	.5	.3	.1								1.5	5.4
ENE	.5		.1	.1								.9	4.6
E	1.7	.1	.1	.8		.1						2.6	6.2
ESE	1.3	1.3	.2	.2	.1	.1						3.2	5.5
SE	.6	.5	.1									1.3	3.7
SSE	.8	.4	.4	1.4	.2							3.2	9.4
S	1.2	2.2	2.5	1.8	.4		.2					5.3	3.9
SSW	.2	1.4	1.2	.5	.1							3.4	7.8
SW	1.2	.5	2.4	.4								6.5	6.3
WSW	.6	2.9	1.7	1.1		.1						6.5	7.3
W	1.4	3.1	2.4	1.3	.1	.1						8.4	7.3
WNW	.8	3.5	2.7	2.3	.6	.1	.2					10.2	9.2
NW	1.0	1.2	3.7	2.5	.9	.1						9.2	9.7
NNW	1.8	2.7	3.2	2.5	.2							10.4	7.7
VARBL													
CALM												14.5	
	16.1	27.1	22.9	15.4	2.9	.6	.4					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AWP WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 LORING AFB ME 79-79 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER CLASS

ALL HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.7	1.2	.7	.1							5.4	6.3
NNE	.6	1.3	.8	.2								2.6	5.1
NE	.5	.8	.4	.1								1.8	3.5
ENE	.7	.4	.3	.1								1.5	5.1
E	1.7	.6	.5	.4	.1	.1						3.2	5.3
ESE	.9	.9	.3	.2	.1	.1						2.3	5.8
SE	1.2	.5	.3	.1								1.9	4.3
SSE	.7	.8	.7	1.0	.3	.2						3.7	9.5
S	1.3	2.3	2.2	1.8	.4	.1	.1	.0				8.1	8.6
SSW	.6	1.5	1.6	.9	.1		.0					4.7	7.6
SW	.8	1.8	1.5	.6	.1	.0		.0				4.7	6.9
WSW	.3	1.9	1.8	1.0	.1	.1						5.8	7.7
W	1.4	3.1	3.2	2.1	.5	.1						10.4	8.2
WNW	.9	2.5	2.6	2.2	.5	.2	.0					8.9	9.3
NW	1.0	2.0	3.6	3.7	.9	.2	.0					11.5	10.0
NNW	1.6	2.7	3.1	2.4	.3	.1	.0					10.1	8.2
VARBL													
CALM												13.4	
	15.2	24.8	23.9	17.5	3.3	1.0	.2	.0				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14823
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

FEB
MONTH
 0000-2400
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.2	1.9	.5								5.6	6.3
NNE	.7	1.4	.4	.2								2.7	5.7
NE	.6	1.4	1.2									3.2	5.6
ENE	1.1	.4	.6	.4								2.4	5.0
E	2.2	2.4	.7									5.1	4.1
ESE	.5	.6	.1									1.2	4.1
SE	.4	.4	.2	.1								1.1	5.7
SSE	.4	1.1	.9	.7	.2							3.3	6.9
S	.6	2.2	3.0	1.1		.1						7.3	7.8
SSW	.7	.5	1.3	1.1	.1							3.7	6.4
SW	1.2	2.4	1.4		.1							5.1	5.7
WSW	1.5	1.7	.7	.2	.1	.1	.1					4.5	6.7
W	2.1	2.5	2.6	1.8	.1	.1	.1					9.3	7.7
WNW	1.4	4.1	3.1	1.7	.2							10.5	7.1
NW	1.8	2.0	3.2	1.7	.6	.7						9.9	9.2
NNW	2.4	2.5	3.3	3.9	.8	.2						15.1	9.1
VARBL													
CALM												12.3	
	18.5	27.5	24.6	13.3	2.4	1.3	.2					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 845

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAO

SURFACE WINDS

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

14-23 STATION LORING AFB ME YEARS 79-79 MONTH FEB
 CLASS ALL WEATHER MONTH 0300-0600
 CONDITION _____
 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	2.1	1.8	2.3	.5								6.4	5.7
NNE	.9	1.3	.6	.1								3.6	5.0
NE	.8	1.1	.9	.1								3.3	5.6
ENE	1.1	.9	.6	.1								2.7	5.1
E	1.9	1.5	1.3	.1		.2						5.1	5.7
ESE	.9	.2	.1									1.3	3.1
SE	.2	.4	.2	.1								.9	6.6
SSE	.2	.5	.6	.1								1.4	6.3
S	.6	1.3	3.7	2.0	.1							7.7	8.5
SSW	.7	1.5	.7	.1								3.1	5.5
SW	1.2	2.5	1.3	.2	.1							5.3	5.9
WSW	1.3	.9	2.0	.9		.1						5.3	7.6
W	2.6	4.0	3.3	.9	.1	.1						11.1	6.5
WNW	2.4	3.8	2.6	.5								9.2	5.7
NW	1.1	2.4	2.1	2.5	.8	.2						9.1	9.5
NNW	1.8	2.5	2.4	4.7	.7	.2						12.3	9.5
VARBL													
CALM												13.1	
	19.9	26.6	24.5	13.1	1.9	.9						103.0	6.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 STATION NAME LORING AFB ME YEARS 70-79 MONTH FEB
 CLASS ALL WEATHER HOURS (L.S.T.) 1600-1800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	2.1	1.5	.4								5.9	7.5
NNE	.7	.9	.6	.5								2.7	5.3
NE	.2	1.2	.6	.1								2.7	5.3
ENE	.5	.6	.2	.1								1.4	4.0
E	2.1	1.2	1.2	.2	.1							4.9	5.3
ESE	1.3	.5	.2	.1			.2					2.4	6.5
SE	.7	.5		.2								1.4	4.6
SSE	.6	.5	.5	.1								1.7	5.7
S	1.3	2.1	3.0	1.2	.7							3.3	8.1
SSW	.4	1.4	.7	.5								3.0	6.9
SW	.8	2.5	1.1	.6								5.0	8.1
WSW	.7	1.3	1.8	.7	.1							4.6	7.4
W	2.5	3.1	3.3	1.3	.2							10.4	6.5
WNW	1.7	4.0	2.5	1.1	.2							9.5	6.4
NW	1.2	2.8	1.9	3.8	1.2	.2						11.1	10.1
NNW	2.0	2.0	2.7	3.7	.7	.1						11.2	9.2
VARBL													
CALM												13.9	
	19.1	26.7	21.7	14.5	3.3	.4	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1-425 LOPING AFB MC YEARS 77-79 MONTH FEB
 STATION NAME CLASS ALL WEATHER NORTH
 CONDITION 1900-1100
 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	.9	.7	1.7	.5								3.8	6.7
NNE	.2	.7	.2	.1								1.3	6.0
NE	.5	.7	.3									2.0	6.6
ENE	.6	.6	.5	.2								1.9	6.7
E	1.7	.9	1.2	.4								4.1	6.7
ESE	1.4	.8	.6				.1					3.3	6.4
SE	1.1	.5	.5	.2	.1							2.4	6.0
SSE	.7	1.4	.7	.9	.1							3.9	7.2
S	.9	1.9	3.2	2.4	.7	.2						9.3	9.6
SSW	.1	1.9	1.8	.5	.1							4.4	7.3
SW	.9	1.2	1.3	.2		.3						3.8	6.9
WSW	1.4	.9	1.8	.9	.1							5.2	7.5
W	1.1	2.5	3.7	3.0	.6							11.1	6.7
WNW	1.1	3.2	2.4	1.9	.2	.2						9.6	9.0
NW	.5	2.5	3.2	4.7	1.5	.4						13.0	11.4
NNW	.6	2.0	2.6	6.7	1.9	.6	.1					14.5	12.2
VARBL													
CALM												6.7	
	13.7	22.8	26.0	22.7	5.3	1.5	.2					130.0	6.4

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 LORING AFB ME 70-79 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 1213-1470
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	.5	1.1	.9	.7								3.2	7.3
NNE	.1	.5	.9	.2								1.8	7.6
NE		.5	.4									.9	6.8
ENE	.4	.6	1.3	.2								2.3	7.4
E	.5	.8	.3	.2								2.3	6.6
ESE	.2	.7	.4	.1								1.4	5.8
SE	.1	.7	.5									1.4	5.2
SSE	.5	2.4	1.4	1.5	.2							6.0	6.2
S	.9	4.7	3.2	2.5	.6	.2						12.2	8.5
SSW	.1	1.1	1.3	.9	.2							3.7	8.8
SW	.6	.5	1.5	.9	.4							3.9	9.2
WSW	.7	.8	1.4	1.9	.1	.1						5.1	9.4
W	1.3	2.5	2.4	3.8	.4							13.3	9.2
WNW	.4	1.3	4.4	3.7	.4	.1						10.2	13.3
NW	.5	1.7	4.8	7.1	1.5	.9						16.5	12.0
NNW	.2	1.9	3.1	4.8	2.4	.7	.1					13.2	12.5
VARBL													
CALM												4.8	
	7.0	21.7	29.3	28.7	6.1	2.1	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LOPING AFB ME YEARS 70-79 MONTH FEB
 STATION NAME CLASS ALL WEATHER MONTH 1500-1700
 COPELATION HOURS (L & 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	.7	1.7	1.1	.4								3.8	5.1
NNE	.8	.2	.9	.1								1.9	1.2
NE	.4	.7	.5	.1								1.7	1.5
ENE	.4	1.1	1.2	.5	.1							3.2	7.6
E	.5	.2	.7	.1								1.5	1.4
ESE	1.2	.5	.5	.1								2.2	4.6
SE	.5	.6	.7	.4								2.5	5.1
SSE	1.9	1.5	1.9	1.2	.2							6.7	7.3
S	.6	2.1	3.3	2.1	.4							8.7	8.6
SSW	.2	1.5	.4	.5								2.7	7.3
SW	.4	.9	.2	.5		.1						2.2	3.5
WSW	.9	.8	2.1	1.3		.1						5.3	6.6
W	.5	1.7	2.5	3.7	.4	.1						8.7	10.4
WNW	.5	2.7	3.4	2.1	.7	.1						8.9	9.5
WV	.4	2.6	5.5	5.4	1.4	.5						16.0	11.2
NNW	.7	3.5	4.6	5.4	1.8	1.1						17.1	11.1
VARBL													
CALM												5.7	
	13.6	21.7	29.6	24.1	5.0	2.1						100.3	3.6

TOTAL NUMBER OF OBSERVATIONS 846

USAF CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14625 LORING AFB ME STATION NAME 70-79 YEARS FEB
 MONTH 1900-2000
 HOURS (L.S.T.)
 ALL WEATHER
 CLEAR
 CONDITION

SPEED (KNTS) DIR	1-3	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	1.0	2.4	.5								8.5	6.0
NNE	.5	.7	.9									2.1	3.9
NE	.7	.5	.5	.2								1.9	3.6
ENE	.0	1.4	.9	.6								3.9	6.2
E	.4	.6	.2									1.2	4.9
ESE	.5	.5	.6	.1								2.0	3.5
SE	.7	1.1	.6	.2								2.6	3.6
SSE	.5	.8	2.0	.6	.5	.1						4.5	9.3
S	.7	1.3	3.0	1.3	.6	.1						7.0	9.4
SSW	.2	.5	1.1	.7								2.5	3.7
SW	.7	1.2	.7	.4								3.0	6.3
WSW	.9	1.1	1.0	1.1	.1	.1						3.1	8.4
W	.9	2.1	3.0	3.0	.5							9.5	7.0
WNW	.9	2.5	2.8	1.5	.2	.1						8.3	7.9
NW	.5	2.6	3.2	3.1	1.5	.7						11.6	11.2
NNW	1.9	3.9	3.2	4.3	1.1	.2						14.5	9.1
VARBL													
CALM												13.8	
	13.2	22.7	26.8	17.5	4.5	1.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 346

ARMY CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 23 DOPING AFB MO STATION NAME: 70-79 YEARS: PER MONTH: 11-0-00
 CLASS: ALL WEATHER
 COADITION:

SPEED (KNTS) DIR.	1-3	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	2.2	.2								6.5	5.6
NNE	.5	.7	.5	.1								1.8	5.3
NE	.4	1.7	1.1	.6								3.7	6.5
ENE	.3	.7	.2	.1								1.3	5.5
E	2.2	1.5	.7	.1								4.4	5.9
ESE	.2	1.1	.5	.1								2.5	5.1
SE	.1	.4	.2	.2								.9	6.8
SSE	.8	1.2	.9	.5	.1	.2						3.8	7.5
S	.7	1.4	1.5	2.7	.3	.2						7.4	10.4
SSW	.7	.7	.8	.6	.1							3.3	7.6
SW	.3	1.7	.6	.2								3.3	5.8
WSW	.5	2.7	1.5	.5	.4	.1						5.9	7.2
W	1.8	3.1	2.5	2.5	.5							10.7	6.1
WNW	1.3	2.4	2.2	1.2	.6							7.7	7.9
NW	.7	2.8	3.9	2.4	1.9	.4						12.1	10.8
NNW	2.4	3.1	3.9	3.1	.7							13.1	6.3
VARBL													
CALM												11.5	
	16.3	27.3	23.4	15.2	5.2	.9						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 858

USAF CLIMATE CENTER
 AFMPC
 WASHINGTON, D.C.

SURFACE WINDS

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

STATION NO. 23 STATION NAME LIVING AFB ME YEAR 70-79 FEET 20
 ALL WEATHER
 CALM
 CONDITION

SPEED (KNTS) DIR.	1-3	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	1.7	.5								1.02	2.7
NNE	.6	.7	.5	.2								2.02	3.0
NE	.7	1.7	.7	.1								2.4	3.8
NNE	.7	.8	.7	.3	.1							2.5	3.7
E	1.4	1.1	.9	.1	.1							3.0	3.7
ESE	.6	.6	.4	.1			.1					2.02	3.2
SE	.5	.5	.4	.2	.1							1.7	2.9
SSE	.7	1.2	1.1	.7	.2							3.4	4.9
S	.8	2.1	3.0	1.9	.3	.1						3.3	5.9
SSW	.4	1.1	1.7	.6	.1							3.2	7.7
SW	.2	1.6	1.7	.8	.1	.1						3.9	5.6
WSW	1.7	1.3	1.6	1.7	.1	.1	.1					3.1	7.9
W	1.6	2.7	2.5	2.5	.2	.1	.1					10.1	8.2
WSW	1.2	2.9	2.9	1.7	.4	.1						9.2	8.1
NW	.2	2.4	3.5	3.8	1.3	.5						12.4	10.8
NNW	1.3	2.7	3.2	4.6	1.3	.4	.1					13.7	12.2
VARS													
CALM												10.4	
	14.8	24.6	25.7	16.5	6.3	1.3	.1					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6767

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 13 STATION NAME LOPING AFB ME YEARS 77-79 MONTH MAR
 CLASS ALL WEATHER HOURS (L.S.T.) 000-2400
 CONDITION _____

SPFED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.6	1.9	1.3	.5								3.3	5.4
NNE	.5	1.0	1.0	.2								2.8	5.8
NE	1.4	.9	1.5									3.8	5.6
ENE	.6	1.0	1.0	.5								2.9	6.2
E	1.7	.9	.9	.3								3.8	5.2
ESE	.5	.3	.4	.1								1.4	5.4
SE	1.1	1.2	.2									2.5	4.3
SSE	.8	.8	.8	.8	.1							3.1	7.4
S	.4	2.2	4.7	3.5	.4							11.3	7.6
SSW	.9	.9	.6	.5	.1							3.0	6.8
SW	1.1	1.1	.5									2.7	4.5
WSW	.6	.9	1.0	.5								3.0	7.1
W	1.0	2.9	1.9	.4	.3							6.6	6.9
WNW	.9	2.3	3.1	1.3	.2	.2						7.6	8.0
NW	.9	1.5	4.5	3.9	1.7	.5						13.0	11.1
NNW	1.5	2.0	4.2	3.1	1.4	.5						12.8	10.1
VARBL													
CA/M												13.4	
	16.6	21.5	27.6	15.3	4.3	1.3						170.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PMO

SURFACE WINDS

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

STATION 14023 LORING AFB ME STATION NAME 71-79 YEARS MONTH MAY
 CLASS ALL WEATHER HOURS (L & T.) 1300-1500
 CONDITION

SPEED (KNTS) DIR	1-3	4-5	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.3	3.0	.3	.1							7.4	6.2
NNE	1.4	1.1	.5									3.0	4.4
NE	.4	1.4	1.3									3.1	5.1
ENE	.6	.9	.6									2.2	5.3
E	2.2	.6	1.2	.6								4.5	5.7
ESE	.3	.6	1.0	.5								2.5	7.9
SE	.6	.5	.4									1.7	4.9
SSE	.9	1.2	.8	.6								3.4	6.4
S	.5	2.3	4.1	3.1	.1	.1						10.2	9.0
SSW	.5	1.1	1.3	.5	.2							3.7	7.9
SW	.9	1.5	.6	.2								3.2	5.3
WSW	.6	1.2	1.0	.1								2.9	5.7
W	1.5	1.9	1.7	1.4	.3							6.9	7.5
WNW	.4	1.6	2.2	1.4	.5							6.1	9.2
NW	.8	1.3	2.8	4.0	1.6	.2						10.6	11.5
NNW	1.0	2.3	4.7	2.9	1.4							12.0	9.7
VARBL													
CALM												16.3	
	13.9	22.2	27.2	15.8	4.3	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 CANCTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-23 WOPING AFB ME 70-79 MAR

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

1600-1800
 HOURS (LST)

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.7	3.2	1.3	.1							7.5	6.9
NNE	.6	1.4	.6									2.9	5.3
NE	.2	1.2	1.1	.2								2.7	5.6
ENE	.9	.6	.6	.2								2.4	5.6
E	1.4	.9	1.1	.4								3.7	5.7
ESE	1.1	1.5	.5	.8								3.8	6.3
SE	.4	.9	.2	.2								1.6	5.3
SSE	.3	.5	1.2	1.6								3.8	9.3
S	1.0	1.8	3.1	3.5	.2							11.6	9.0
SSW	.4	.5	1.6	1.2	.1							3.9	9.3
SW	.5	1.1	2.0	.1								4.0	6.5
WSW	.5	.3	1.0	.4								2.7	6.8
W	1.1	1.8	1.6	1.6	.2							6.3	8.0
WNW	.5	1.3	1.9	2.7	.3	.1						6.9	13.0
NW	.5	.6	3.4	4.0	1.8	.2						10.6	12.2
NNW	.9	2.7	4.0	3.5	1.1	.3						12.5	9.9
VARBL													
CALM												13.2	
	12.0	19.2	29.5	21.4	4.0	.6						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LORING AFB ME STATION NAME 70-79 YEAR MAC MONTH NOV-1957
 CLASS ALL WEATHER
 CONDITION _____
 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	.3	2.3	3.8	1.8	.3	.1						8.6	8.9
NNE	.3	.8	1.5	.1								2.7	7.1
NE	.2	.5	1.2	.1								2.0	7.3
ENE	.3	1.1	1.7	.1								3.1	7.7
E	.9	1.3	.5	.3								3.0	5.6
ESE	.4	1.5	.6									2.6	5.2
SE	.5	1.3	.4	.1								2.4	5.7
SSE	1.5	1.4	.8	1.0	.1							4.7	6.3
S	1.4	2.3	5.4	4.1	1.1							14.2	9.6
SSW	.3	1.2	2.4	.8								4.6	8.2
SW	.6	1.4	1.3	.5								3.9	6.9
WSW	.6	.6	1.3	1.2	.2							4.0	8.9
W	.5	.6	1.6	2.3	.3							5.4	10.1
WNW	.5	.5	1.6	1.8	1.3	.1						5.9	11.5
NW	1.1	.6	4.3	6.5	1.9	1.6						16.0	12.8
NNW	.6	1.0	4.3	3.0	1.0	.8						15.6	11.0
VARBL													
CALM												6.2	
	18.3	18.3	32.7	23.7	6.2	2.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

14-23 LORING AFB ME 70-79 1140
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.5	2.7	2.7								6.6	9.1
NNE	.5	1.2	.3	.4								2.7	5.6
NE	.4	.4	.6	.2	.1							1.8	7.5
ENE	1.0	1.0	.2	.3								2.5	5.6
E	.6	1.4	.9	.2								3.1	5.7
ESE	.5	.5	.3									1.6	4.6
SE	.6	.6	.6									1.9	5.1
SSE	.6	1.3	1.3	1.2	.1							4.5	6.1
S	2.2	4.5	4.3	5.4	.6	.1						17.1	8.9
SSW	.2	.6	1.7	1.2	.1							3.7	9.7
SW	.4	.9	1.3	.8	.1							3.4	8.1
WSW	1.0	.2	1.4	1.2	.2	.1						4.1	9.3
W	.4	1.2	2.0	2.7	.6							7.3	10.7
WNW	.5	.6	2.0	3.1	1.3	.1						7.7	11.8
NW	.8	1.0	3.9	4.9	3.2	.9						14.6	13.1
NNW	.5	1.8	4.5	4.1	1.6	.6						13.2	11.1
VARBL													
CALM												4.2	
	11.3	18.8	28.4	27.7	8.1	1.8						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1423 STATION NAME LOOKING AFB ME YEARS 76-79 MAP MONTH 1500-1700
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	2.9	1.9	.3							6.5	8.4
NNE	.1	1.1	.1	.4								1.7	7.1
NE	.6	1.3	.4									2.4	4.7
ENE	.6	.6	.8									2.9	5.2
E	.9	1.3	1.7	.1	.1	.1						3.4	6.6
ESE	.5	.4	.5									1.5	5.2
SE	1.1	.8	.4	.1								2.4	4.5
SSE	1.8	1.5	2.5	1.2	.1							7.2	7.2
S	1.2	3.4	4.5	3.4	.5	.3						13.4	9.5
SSW	.4	.4	1.0	.5								2.4	7.9
SW	.1	1.2	.6	.5								2.6	7.4
WSW		1.0	1.5	.5	.4							3.4	9.8
W	.4	1.3	2.5	2.8	.5							7.2	10.5
WNW	.2	1.3	2.2	2.2	.6	.4						7.0	11.5
NW	.3	1.4	4.1	5.1	3.1	.4	.1					14.5	12.9
NNW	.6	2.3	5.1	5.3	1.5	.4						15.2	11.0
VARBL													
CALM												5.2	
	15.1	21.3	30.1	24.1	7.4	1.7	.1					100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

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

14623
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

MAR
MONTH

ALL WEATHER
CLASS

1800-2100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	3.3	2.2	1.2								9.8	5.8
NNE	.9	.5	.5									1.9	4.8
NE	.3	.9	.5	.3								2.3	5.1
ENE	.6	1.3	.6			.1						2.4	6.1
E	1.1	1.1	.6			.2						3.2	6.5
ESE	1.1	.5	.2	.1								1.8	4.7
SE	1.2	.8	.1	.2								2.3	4.5
SSE	1.6	1.4	1.9	.9	.1							5.9	6.7
S	1.2	1.5	3.7	2.4	.4	.1						8.6	9.2
SSW	.5	1.5	1.2	.8	.1							3.5	7.9
SW	.6	.6	1.7	.2								2.5	5.3
WSW	.5	1.3	.5		.1							2.5	5.9
W	1.2	1.6	3.5	1.8	.1							3.3	8.0
WNW	.5	1.7	.8	1.5	.9	.2						3.6	10.4
NW	.5	1.4	3.5	3.2	1.6	.1						12.4	11.5
NNW	1.8	4.7	4.4	4.4	1.4	.4						16.5	9.4
VARBL													
CALM												13.9	
	17.0	22.6	24.7	18.9	4.7	1.2						130.3	7.3

TOTAL NUMBER OF OBSERVATIONS

930

CENTRAL CLIMATOLOGY STATION
 LOCATION
 AIR WEATHER SERVICE/MAG

SURFACE WINDS

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

0-023
 STATION

LOSING AFB ML
 STATION NAME

70-79
 YEARS

VAD
 MONTH

ALL WEATHER
 CLASS

31 0-2000
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	3.6	1.7	.8	.1							8.2	5.1
NNE	1.7	2.2	.9	.1								4.3	4.7
NE	1.7	1.4	1.3	.1								3.8	5.5
ENE	1.3	1.7	.3	.2								2.8	4.9
E	1.1	.8	1.5	.1	.2							3.7	6.5
ESE	.9	1.3	.4									2.3	4.3
SE	1.4	.9	.4									2.7	4.7
SSE	.6	1.1	.9	.8	.2	.1						3.7	8.3
S	1.2	1.7	3.0	3.7	.6							15.2	9.2
SSW	1.3	1.5	1.2	.8								4.4	6.5
SW	.1	2.4	.3									2.8	5.8
WSW	.4	.5	1.0	.2								2.2	6.6
W	1.3	2.6	1.5	.8	.2							8.2	6.5
WNW	.6	2.0	2.9	2.2	.2							8.0	8.7
NW	.2	.9	2.9	4.2	2.0	.5						12.8	12.8
NNW	1.3	1.8	3.4	5.3	.5	.3	.2					12.6	10.6
VARBL													
CALM												11.0	
	15.6	25.4	23.7	19.0	4.2	1.7	.2					109.2	7.1

TOTAL NUMBER OF OBSERVATIONS

932

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

14.23
STATION

LORING AFB ME
STATION NAME

77-79
YEARS

MAP
MONTH

ALL WEATHER
CLASS

ALL
MOSES (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.4	2.6	1.2	.1	.0						7.0	7.1
NNE	.3	1.1	.7	.2								2.2	3.4
NE	.6	1.1	1.7	.1	.0							2.7	3.1
ENE	.3	.9	.7	.1		.0						2.5	3.8
E	1.2	1.3	.9	.3	.0	.1						3.3	5.9
ESE	.7	.8	.5	.2								2.2	3.5
SE	.9	.7	.4	.1								2.2	4.7
SSE	1.7	1.2	1.3	1.3	.1	.0						4.5	7.4
S	1.1	2.5	4.3	3.6	.5	.1						12.1	9.7
SSW	.3	.6	1.4	.8	.1							3.7	3.0
SW	.6	1.3	1.9	.3	.0							3.1	6.3
WSW	.6	.3	1.1	.5	.1	.0						3.1	7.8
W	.9	1.7	2.1	1.7	.3							6.7	3.5
WNW	.5	1.4	2.1	2.0	.7	.1						6.9	10.1
NW	.6	1.1	3.7	4.7	2.1	.6	.0					12.3	12.3
NNW	1.0	2.2	4.3	4.0	1.2	.4	.0					13.2	10.3
VARBL													
CALM												10.1	
	13.3	21.2	29.0	29.7	5.4	1.3	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-23 STATION LORING AFB ME STATION NAME 70-79 YEARS 1900-1920 MONTH 1900-1920 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	4.4	2.6	1.4	.2								5.7	4.2
NNE	1.0	1.6	.7	.1								4.2	4.3
NE	1.8	.8	.7	.2								3.4	4.7
ENE	1.6	.6	.6	.1	.2							2.0	5.3
E	1.6	1.7	.6	.2	.1							3.7	5.1
ESE	.1	1.1	.3									1.5	5.4
SE	.7	1.4	.7									2.8	5.2
SSE	.7	1.2	2.3	.3								4.6	7.1
S	1.3	1.7	3.2	1.2	.1							6.9	7.8
SSW	.6	.6	.2	.3								1.7	6.3
SW	.8	1.3	1.2									2.8	5.5
WSW	.6	1.5	.9	.2								3.2	5.2
W	.9	1.2	.6									2.7	5.1
WNW	.9	1.7	3.1	1.3	.3	.1						7.4	3.5
NW	1.4	2.5	5.3	3.4	.7	.2						13.9	9.1
NNW	3.2	3.4	2.3	2.2	.1							11.3	5.7
VARBL													
CALM												13.2	
	22.6	23.4	23.9	13.8	1.6	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 980

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

SURFACE WINDS

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

STATION: LOSING AFB ME YEARS: 70-79 APP: 400
 STATION NAME: LOSING AFB ME MONTH: NORTH
 CLASS: ALL WEATHER HOURS (L.S.T.): 570-0500
 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	5.3	5.7	1.5	.2								13.6	4.6
NNE	2.7	1.4	.9									4.3	4.5
NE	1.4	1.0	.4									3.3	3.7
ENE	1.6	.9	.9		.5							3.7	3.6
E	1.0	1.1	.4	.1								2.7	4.0
ESE	.4	.5	.5	.2								2.2	3.7
SE	.2	1.1	.3									2.5	5.5
SSE	1.1	.7	1.7	.4	.1							4.0	6.6
S	1.2	1.9	1.9	1.0								6.5	7.4
SSW	1.1	.5	.9	.3								3.1	6.1
SW	1.2	.4	.4	.2								2.3	5.2
WSW	1.2	1.1	.2	.2								2.6	4.6
W	.5	1.4	1.2	.1								3.1	5.7
WNW	1.1	2.8	3.3	1.5	.4							9.5	7.9
NW	1.1	2.9	3.3	3.9	.4	.2						11.9	9.3
NNW	1.6	3.5	2.9	1.7								10.1	7.0
VARBL													
CALM												13.4	
	21.0	27.8	21.4	9.5	1.3	.2						103.3	5.3

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
 AFMPC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 4423 LD-ING AFB ME STATION NAME LD-ING AFB ME YEARS 77-78 MONTH APR
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-1800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	3.9	3.6	.2								9.2	5.4
NNE	1.7	1.7	1.2	.2								5.1	5.7
NE	2.3	1.8	.6	.1								4.5	4.1
ENE	1.4	2.8	.6	.1	.2							5.1	5.7
E	.8	2.2	1.7									4.5	5.2
ESE	.9	1.2	.7									2.8	5.1
SE	.8	1.4	.9									3.1	5.1
SSE	.4	1.7	1.3	.6	.3							3.7	5.4
S	.8	2.6	2.6	2.0								7.9	5.7
SSW	.6	.3	1.2	.3								2.9	7.0
SW	.4	1.1	.6	.1								2.2	5.6
WSW	.4	.7	.6	.4								2.1	7.2
W	1.0	1.2	1.1	.3	.3							4.0	7.1
WNW	.7	2.2	3.0	2.0	.3							5.2	3.7
NW	1.4	2.7	3.3	4.1	1.7	.4						13.0	10.1
NNW	1.0	3.1	4.9	3.1	.6							12.6	5.7
VARLL													
CALM												10.3	
	15.3	30.3	27.1	13.7	2.8	.4						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1-123 LCRING AFB ME STATION NAME 70-79 YEARS APP
 CLASS ALL WEATHER MONTH 900-1100
 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	2.8	4.4	1.3								2.6	5.7
NNE	.2	1.0	1.7	.4								3.3	7.3
NE	.6	1.9	1.2									3.7	5.8
ENE	.4	2.1	1.6	.2								4.3	6.2
E	.7	2.4	.9	.1								4.1	5.9
ESE	1.6	1.7	1.1									3.7	4.7
SE	.4	1.6	.2	.1								2.2	5.3
SSE	.7	2.2	2.0	1.3	.3							5.2	7.6
S	1.3	2.8	3.2	2.7	.2							10.2	3.2
SSW	.2	1.1	.8	.4								2.6	7.3
SW	.4	.7	1.1	.2	.1							2.6	7.1
WSW	.2	1.3	.6	.2	.1	.1						2.6	7.4
W	1.1	1.0	1.6	1.4								5.3	7.2
WNW	.3	1.8	2.2	2.7	.4	.2						7.7	10.7
NW	.7	1.4	3.8	6.0	2.7	.2						14.8	11.9
NNW	.4	2.3	4.4	6.0	1.7	.1						13.0	10.7
VARBL													
CALM												5.1	
	9.7	27.4	31.0	20.6	5.6	.7						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 899

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 4423 LORING AFB ME STATION NAME 70-79 YEARS APR MONTHS
ALL WEATHER 1270-1970 MONTHS (L.S.T.)
 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	2.1	3.4	1.6	.1							5.0	5.2
NNE	.3	.4	1.8	.2								2.8	7.0
NE	.4	1.9	.8	.1								3.9	5.5
ENE	.6	1.3	1.3	.3								3.6	6.1
E	.7	1.6	1.5	.3								5.8	6.5
ESE	.8	1.7	1.7									2.6	5.2
SE	.8	1.8	1.7									3.5	5.5
SSE	.7	.9	2.5	.6								4.7	7.5
S	1.1	2.4	4.2	2.2	.7	.1						10.6	9.1
SSW	.4	.2	1.1	.2	.1							2.1	7.0
SW	.7	.1	.8	.4								2.6	7.1
WSW	.3	.9	.7	1.0								2.9	8.2
W	.7	1.3	2.8	1.6	.4	.1						6.9	9.4
WNW	.3	.7	2.8	2.4	.0	.0						7.3	11.3
NW	.7	1.3	5.2	5.1	1.0	.7						15.6	11.7
NNW	1.0	3.4	5.3	4.8	.8	.6						15.5	10.8
VARBL													
CALM												3.4	
	13.4	21.8	36.0	21.9	4.8	1.7						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14-23 STATION NAME: LORING AFB ME YEARS: 70-79 AP# MONTH: APR
 CLASS: ALL WEATHER MONTH RANGE: 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	1.8	3.6	1.4	.2							8.3	7.9
NNE	.3	1.1	1.0	.2								2.7	6.7
NE	.7	.7	1.1									2.4	5.5
ENE	.7	1.3	1.7	.1								3.8	5.3
E	1.6	1.9	1.1	.2								4.8	5.3
ESE	.9	.9	.7	.1								2.6	5.2
SE	1.1	1.1	.3	.1								2.7	4.7
SSE	1.0	1.8	1.6	1.2								5.6	7.4
S	1.0	2.2	2.7	2.6	.2							6.7	8.5
SSW	.1	.4	.4	.4								1.4	6.5
SW	.2	1.5	.4									1.7	5.4
WSW	.2	.2	.8	.9	.2							2.3	10.5
W	.6	1.3	2.0	1.1	.3							5.0	9.1
WNW	.1	1.1	3.3	2.4	.8	.3	.1					8.2	11.1
NW	.7	1.7	6.1	6.7	.8	.3						16.2	10.7
NNW	1.7	3.3	8.5	5.4	1.4	.2						20.1	9.8
VARBL												3.6	
CALM													
	12.1	21.6	34.8	23.0	4.7	.9	.1					100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14623 LORING AFB ME STATION NAME: LORING AFB ME YEARS: 73-79 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 1800-2000
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.8	4.9	2.8	.3								12.6	4.8
NNE	1.3	1.1	.7									3.1	4.7
NE	1.2	1.2	.6									2.8	4.8
ENE	.9	.9	.7	.1								2.6	5.2
E	1.7	1.1	.7	.3								3.8	5.1
ESE	.7	.7	1.2									2.6	6.0
SE	1.2	1.4	.2	.1								2.8	4.5
SSE	.9	1.7	2.1	.3								5.0	5.6
S	.8	.9	2.8	1.7								6.1	6.7
SSW	.4	.3	.2	.2								1.2	5.9
SW	.7	.2	.8	.1								1.8	6.3
WSW	.7	.8	1.2	.1	.1							2.9	6.9
W	.7	1.1	1.4	.3								3.6	6.6
WNW	.4	1.4	1.6	1.6	.4	.2						5.7	10.1
NW	1.7	3.1	6.2	3.7	.1	.2						15.0	8.5
NNW	3.7	5.1	4.8	3.6	.2							17.3	7.0
VARBL													
CALM												11.1	
	21.2	26.0	27.9	12.4	.9	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14023 LOPING AFB ME 77-79 APR

STATION STATION NAME YEARS MONTH

ALL WEATHER 21 0-2370

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	5.9	4.1	1.3	.3								11.7	4.2
NNE	2.1	1.5	.3									4.2	3.9
NE	2.1	1.7	.7									4.3	4.2
ENE	1.2	1.1	.2	.3								2.7	5.7
E	2.3	1.3	.7	.2	.2							4.3	5.7
ESE	1.2	1.1	.4	.1								2.7	4.8
SE	.4	1.2	.6									2.4	5.5
SSE	.8	.3	1.8	.3								3.2	7.1
S	.6	1.2	2.8	2.2	.1							7.1	8.8
SSW	.4	.6	.3	.1								1.4	5.4
SW	.7	1.6	.3	.3								2.9	5.6
WSW	.3	1.2	1.2	.1								2.7	6.6
W	1.8	2.0	.8	.1		.1						4.8	5.1
WNW	.7	1.4	2.4	1.7	.2		.3					6.6	9.6
NW	.9	3.0	3.7	4.4	.4	.1						12.6	9.3
NNW	3.4	4.4	2.4	1.6	.1							12.0	6.1
VARBL													
CALM												13.8	
	24.6	27.9	28.2	11.9	1.1	.2	.3					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14023 STATION LORING AFB ME STATION NAME 70-79 YEARS APR MONTH
 ALL WEATHER CLASS ALL HOURS (L & T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	3.5	2.8	.7	.0							9.7	5.8
NNE	1.2	1.3	1.3	.2								3.6	5.3
NE	1.3	1.4	.7	.1								3.5	4.7
ENE	1.0	1.4	.9	.2	.1							3.6	5.7
E	1.3	1.6	.9	.2	.0							4.0	5.4
ESE	.2	1.0	.5	.1								2.5	5.3
SE	.7	1.4	.6	.0								2.8	5.2
SSE	.8	1.2	1.9	.6	.1							4.5	7.4
S	1.0	1.9	2.9	1.9	.2	.3						8.0	8.3
SSW	.5	.6	.7	.3	.0							2.1	6.8
SW	.6	.8	.7	.2	.0							2.3	6.0
WSW	.5	.9	.8	.4	.1	.0						2.7	7.1
W	.9	1.3	1.5	.6	.1	.0						4.4	7.4
WNW	.6	1.6	2.7	1.9	.5	.1	.1					7.5	9.5
NW	1.1	2.4	4.6	4.8	1.3	.3						14.1	10.2
NNW	2.0	3.6	4.4	3.3	.6	.1						14.0	8.4
VARBL													
CALM												10.5	
	17.1	25.8	27.8	15.4	2.8	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 7199

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1423
STATION

LOPING AFB MF
STATION NAME

70-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

1907-12-0
HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.1	.9	.1								6.3	4.4
NNE	1.6	1.5	.2									3.3	3.8
NE	2.3	.5	.4									3.2	3.2
ENE	2.2	1.3	.6									4.1	3.7
E	2.7	1.3	.3	.3								4.6	3.9
ESE	2.4	.5	.2									3.3	3.1
SE	2.2	.9	.2									3.2	3.1
SSE	1.7	1.6	2.1	.5								5.2	6.7
S	2.4	4.1	5.4	2.2	.1							14.0	7.3
SSW	.4	1.2	1.1	.2								2.9	6.6
SW	1.1	1.3	1.5	.3								4.2	6.3
WSW	1.0	1.4	.9	.2								3.4	5.4
W	1.0	1.0	.9	.2								3.0	5.6
WNW	1.3	2.2	.6									4.1	4.8
NW	1.4	1.4	1.8	.8	.2	.1						5.7	7.2
NNW	1.6	3.1	1.5	1.0								7.2	5.9
VARBL													
CALM												21.7	
	27.0	26.5	18.6	5.8	.3	.1						170.3	4.3

TOTAL NUMBER OF OBSERVATIONS 930

CELTAL CLIMATOLOGY BRANCH
 USAFETAC
 AD-WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS MAY
ALL WEATHER MONTH 300-0500
 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	3.7	3.2	1.2									8.1	4.2
NNE	1.5	1.2	.3									3.0	3.3
NE	3.2	.8	.2									4.2	2.8
ENE	2.4	.8	.3									3.4	3.1
E	3.2	1.7	.5									5.5	3.5
ESE	2.4	.9	.2									3.3	3.7
SE	1.2	.9	.5									2.6	4.1
SSE	.9	1.8	1.0	.5								4.2	6.2
S	2.3	4.7	4.6	2.3	.1							14.5	6.9
SSW	.9	1.4	1.1	1.0								4.3	7.2
SW	1.1	1.3	1.6									4.0	5.5
WSW	1.0	1.9	.9									3.8	4.3
W	.5	1.4	.6									2.6	5.3
WNW	.8	1.1	.6	.1		.1						2.7	5.8
NW	1.7	1.9	3.4	1.0	.2							5.3	7.3
NNW	2.0	1.7	1.3	.9								5.9	5.6
VARBL													
CALM												19.7	
	29.1	26.6	18.5	5.7	.3	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

6673

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1423 LORING AFB ME 70-79 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER

CLASS

CONDITION

0600-0800

HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	4.1	1.8	.8								6.3	6.0
NNE	1.1	2.7	.6									3.8	4.7
NE	1.6	2.2	.2	.1								4.1	4.2
ENE	1.7	2.6	.5									4.8	4.2
E	2.8	2.5	.8									6.9	4.0
ESE	2.6	1.3	.8									4.6	3.7
SE	1.0	1.2	.5									2.7	4.2
SSE	.6	1.9	1.5	.5								4.2	6.5
S	1.2	3.4	7.0	1.6	.6							13.9	8.3
SSW	1.7	1.4	2.4	1.7								7.2	7.8
SW	1.2	2.2	2.6	.1								6.9	8.1
WSW	1.1	1.4	1.6	.2								4.3	6.1
W	1.3	1.5	1.7	.5								.3	6.0
WNW	1.4	.9	.5	.4								3.2	5.3
NW	.5	2.6	2.9	1.5	.2	.1						7.8	8.5
NNW	.5	1.5	2.9	2.5								7.6	8.5
VARBL													
CALM												7.0	
	21.8	32.6	27.6	10.0	.9	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAO

SURFACE WINDS

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

4025 LORING AFB ME 70-79 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 930-110

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	3.3	2.0	.5								7.3	6.1
NNE	.3	1.4	.9	.1								2.7	5.7
NE	.9	1.1	.9	.1								2.9	5.4
ENE	1.1	1.5	.9	.1								3.5	5.0
E	1.8	2.3	1.4									5.5	4.9
ESE	.6	1.2	.9									3.3	5.1
SE	.9	1.6	.8	.1								3.3	5.4
SSE	1.8	2.6	2.2	1.1								7.6	6.4
S	1.3	2.3	5.1	3.8	.5							12.4	9.0
SSW	.3	1.4	2.4	1.7	.4							6.2	9.3
SW	.6	1.3	1.8	1.1								4.8	8.0
WSW	1.3	1.6	1.8	.9	.2							3.8	7.3
W	1.0	1.5	1.6	1.5	.1							5.7	7.8
WNW	.2	1.2	2.0	.9	.2							4.5	9.0
NW	.4	1.9	3.9	3.3	.8	.1						10.4	10.3
NNW	.5	2.2	3.7	2.4	.2							8.9	8.9
VARBL													
CALM												4.4	
	14.5	28.9	32.0	17.5	2.5	.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19623 LORING AFB ME 77-79 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 1200-1400

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.3	2.6	.6								6.9	6.4
NNE	.5	1.0	.8									2.4	5.3
NE	.8	1.6	1.5	.1								3.4	5.7
ENE	.5	1.7	.6	.2								3.1	5.6
E	.9	1.7	.6	.3								3.2	5.8
ESE	.8	1.4	.5									2.7	5.1
SE	.4	1.4	1.2									1.0	5.7
SSE	1.4	1.7	1.3	1.1	.2							5.7	7.3
S	1.3	3.3	5.6	5.7	1.4	.1						16.8	10.1
SSW	.4	.8	1.9	1.0	.5	.1						4.7	10.1
SW	.9	1.8	1.0	.9	.1							4.6	7.1
WSW	.5	1.3	1.3	1.4	.1							4.7	8.4
W	.6	1.4	2.4	1.6	.4							6.5	9.1
WNW	.5	1.7	2.8	1.5	.1							5.9	8.7
NW	.3	2.0	4.6	4.1	.8	.1						11.9	10.3
NNW	1.1	1.6	3.9	4.3	.2							11.3	9.6
VARBL													
CALM												3.1	
	12.3	25.6	32.2	22.8	3.9	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS MAY MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.8	2.5	1.2								7.7	7.1
NNE	1.3	1.0	.3	.3								2.6	3.2
NE	.5	1.5	1.2									3.1	5.3
ENE	.4	1.6	1.1									3.1	5.6
E	1.2	1.5	1.0	.1								3.8	5.1
ESE	1.1	1.1	.3									2.5	4.7
SE	.9	1.0	.8									2.6	4.8
SSE	.6	1.7	2.9	.6	.1							5.0	7.4
S	1.4	3.7	5.8	4.4	.9							15.1	9.3
SSW	.3	.6	1.6	1.5	1.2							5.7	11.3
SW	1.0	.3	1.0	.5	.1	.2						3.1	3.2
WSW	.3	.3	1.4	1.1	.3							3.4	13.2
W	1.1	1.2	1.3	1.3								4.8	7.4
WNW	.5	1.2	3.2	1.3								5.2	3.3
NW	1.1	2.5	4.0	3.8	.4	.1						11.6	9.4
NNW	1.2	2.9	5.1	4.2	.3							13.7	5.9
VARBL													
CALM												4.1	
	14.0	24.3	33.1	27.3	3.3	.7						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 938

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 LORING AFB ME 10-79 MAY

STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2100

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	4.2	4.2	2.3	.2								10.5	4.5
NNE	1.4	1.3	.4									3.1	4.2
NE	.9	.5	.3									1.7	3.2
ENE	1.1	1.7	.8									3.5	4.2
E	2.4	1.2	1.7	.1								5.4	4.9
ESE	1.9	1.1	.1	.1								3.2	3.6
SE	1.2	1.3	.1									2.5	3.5
SSE	1.9	2.5	1.5	.8								6.5	5.2
S	1.3	2.9	5.5	2.7	.4							12.8	8.4
SSW	.4	1.6	1.8	1.3	.4							5.5	3.9
SW	.5	.9	.8	.4	.2							2.8	7.6
WSW	.3	1.1	1.3	.3								2.7	6.9
W	.6	1.4	1.1	.1								3.2	6.1
WNW	1.0	1.5	1.4	.3								4.3	5.9
NW	.9	2.3	3.9	1.5	.3							8.5	8.6
NNW	2.7	2.3	3.7	1.0								10.1	6.3
VARBL													
CALM												12.7	
	22.7	28.4	25.5	5.8	1.4							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LORING AFB ME STATION NAME 77-79 YEARS MAY
 CLASS ALL WEATHER MONTH 21.9-25.0
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	6.8	3.0	1.0									10.0	3.5
NNE	2.6	.9	.1									3.5	3.1
NE	2.3	.8	.3									3.3	3.3
ENE	.9	1.3	.5									2.7	4.4
E	3.9	2.7	.6	.4								7.6	4.1
ESE	1.9	1.4	.3									3.7	3.6
SE	1.1	1.2										2.3	3.3
SSE	.9	2.4	1.6	.5								5.4	6.3
S	1.6	3.4	5.8	2.4	.4	.2						13.9	8.3
SSW	.2	1.3	2.5	1.3								5.3	8.6
SW	.4	1.3	1.2	.3								3.2	6.4
WSW	.8	.9	.9	.4								2.9	5.0
W	1.2	1.9	.4	.2								3.8	4.6
WNW	1.5	1.4	1.2	.2								4.3	5.3
NW	.8	1.5	1.5	1.2	.3	.2						5.5	8.7
NNW	2.5	1.9	1.7	.9	.1							7.1	5.3
VARBL													
CALM												15.6	
	28.4	27.2	19.7	7.8	.9	.4						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-823
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) Dir.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.3	1.7	.4								3.2	5.2
NNE	1.3	1.3	.5	.1								3.1	4.3
NE	1.6	1.1	.5	.0								3.3	4.7
ENE	1.3	1.6	.7	.0								3.5	4.3
E	2.4	1.8	.9	.2								5.2	4.4
ESE	1.7	1.2	.4	.0								3.3	3.9
SE	1.1	1.2	.5	.0								2.8	4.3
SSE	1.1	2.3	1.7	.7	.1							5.7	6.5
S	1.6	3.4	5.6	3.1	.6	.7						15.4	8.5
SSW	.6	1.2	1.8	1.2	.3	.0						5.2	8.6
SW	.8	1.3	1.4	.5	.1	.0						4.1	5.8
WSW	.8	1.2	1.2	.6	.1							3.9	5.9
W	.9	1.4	1.2	.7	.1							4.2	6.9
WNW	.9	1.3	1.6	.6	.1	.0						4.4	6.9
NW	.9	2.0	3.3	2.1	.4	.1						6.8	9.0
NNW	1.5	2.2	3.0	2.1	.1							9.0	7.8
VARBL													
CALM												11.0	
	21.2	27.6	26.0	12.4	1.7	.2						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

CLERICAL CLIMATOLOGY BRANCH
 AFSAFAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LORING AFB ME STATION NAME 70-79 YEAR JAN
 CLASS ALL WEATHER MONTH (L.S.T.) 0800-2100
 CONDITIONS

SPEED (KNTS) DIR.	1-3	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	2.0	.8	.3								3.1	4.2
NNE	.9	.7	.3									1.9	3.9
NE	.9	.4	.6									1.6	4.1
ENE	1.2	.9	.3	.1								1.5	4.5
E	2.4	1.0	.2									3.7	3.1
ESE	.9	.9										1.8	3.4
SE	.5	.1										.9	2.0
SSE	1.4	2.3	1.5	.6								6.2	6.3
S	2.3	5.4	5.2	2.6	.2							19.8	7.0
SSW	1.7	3.6	2.8	.3								6.6	6.0
SW	2.3	3.5	1.8	.1								8.0	5.1
WSW	1.3	2.1	.9									4.3	4.9
W	1.7	1.1	.9									3.7	4.6
WNW	1.4	.5	.2									2.2	3.3
NW	1.1	1.1	1.7	.6								4.4	6.6
NNW	3.1	1.3	.4	.4								5.3	4.2
VARBL													
CALM												21.7	
	26.6	27.6	19.0	5.7	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 955

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

19423 LORING AFB ME 70-79 JUN

STATION STATION NAME YEARS MONTH

ALL WEATHER 300-0500

CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	≥56	%	MEAN WIND SPEED
N	2.9	3.0	.6	.1								5.6	4.1
NNE	.4	.7	.7									1.8	5.2
NE	1.6	.6										2.1	2.5
ENE	1.6	.8	.3									2.7	3.9
E	3.0	1.2										4.3	2.8
ESE	1.6	.3										1.9	2.2
SE	1.0	.6	.1									1.7	3.2
SSE	1.8	1.1	2.0	.6								3.4	5.9
S	2.7	7.1	6.0	2.7	.1							18.6	7.0
SSW	1.2	2.8	2.7	.0								7.1	6.2
SW	1.4	3.6	2.0	.2								7.2	5.5
WSW	1.3	1.4	.4									3.2	4.3
W	1.9	1.5	.4									3.9	4.2
WNW	.9	.9	.7	.1								2.6	5.3
NW	.7	1.3	1.3	.8	.1							4.2	7.3
NNW	1.1	2.2	.7	.1								4.1	4.8
VARBL													
CALM												22.7	
	25.1	29.1	17.9	5.0	.2							103.0	4.1

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

1-023 STATION LORING AFB ME STATION NAME 70-79 YEARS
 ALL WEATHER CLASS
 JUN MONTH
 3600-7000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	2.7	2.3	.3								7.2	5.0
NNE	.9	1.5	.7	.1								2.7	3.6
NE	.8	1.2	.4									2.4	4.7
ENE	1.4	1.5	.1									2.6	3.4
E	2.0	1.3	.3	.1								3.5	3.9
ESE	1.2	1.1	.3									2.7	3.8
SE	1.3	.8	.3									2.4	3.9
SSE	1.6	.9	1.7	.9								5.0	6.6
S	1.4	5.2	6.9	4.2								17.8	8.1
SSW	1.4	3.0	5.4	1.3								11.2	7.2
SW	1.4	2.6	2.9	.8								7.7	6.6
WSW	1.4	1.7	1.2									4.3	5.1
W	2.1	2.9	1.1	.4								6.6	5.4
WNW	.8	.9	.8	.7								3.1	6.4
NW	1.2	1.3	1.6	1.9								6.4	7.7
NNW	.7	2.0	2.2	.3								5.2	6.4
VARBL													
CALM												3.9	
	21.7	30.0	26.3	11.1								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION NO. 11023 STATION NAME LORING AFB ME YEARS 70-79 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 000-110
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.6	3.5	.4								5.2	7.1
NNE	.1	.3	.4	.2								1.1	7.5
NE	.3	1.3	.6									2.2	5.2
ENE	.4	1.2	.4									2.1	4.9
E	1.7	.9	.8		.1							3.4	4.6
ESE	.2	1.1	.1									1.4	4.5
SE	1.6	1.3	.1									3.0	3.7
SSE	.4	1.6	1.8	.7								4.4	7.7
S	1.6	3.7	8.5	5.9	1.1							28.1	9.2
SSW	.7	2.6	2.8	2.8	.2							9.3	8.8
SW	.8	2.6	4.5	1.1								8.4	7.3
WSW	1.4	1.4	2.4	.4		.1						5.9	6.5
W	1.8	2.3	2.6	.4								7.1	6.1
WNW	.9	1.8	1.7	1.7	.1							5.4	7.3
NW	.3	1.1	2.8	2.6	.4							7.2	9.9
NNW	1.5	2.6	4.1	1.3	.1							9.1	7.7
VARBL													
CALM												4.7	
	13.7	27.3	35.6	16.7	2.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME STATION NAME 70-79 YEARS JUN MONTH
 ALL WEATHER CLASS 1800-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNOTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.9	3.4	.6								7.4	6.7
NNE	.1	.6	.7	.1								1.0	5.9
NE	.8	.9	.7									2.2	5.0
ENE	.3	1.0	1.2									2.6	6.1
E	.4	.8	.5									2.3	5.7
ESE	.3	1.1	.2									1.7	4.7
SE	1.6	1.2	.4	.1								3.3	4.2
SSE	.4	1.2	1.5	.4								3.9	7.4
S	.8	2.8	6.2	8.2	1.1	.2						19.3	13.7
SSW	.2	1.9	2.7	4.4	.6							9.8	10.6
SW	.3	2.0	3.3	1.1	.1							6.9	8.3
WSW	.3	1.7	3.9	1.3								7.2	8.0
W	.9	1.9	3.2	1.1	.1							7.2	7.9
WNW	.2	.7	2.9	1.1								4.9	8.9
NW	.9	1.3	3.7	3.7	.1							9.7	9.6
NNW	.3	1.6	3.3	2.2								7.7	8.8
VARBL													
CALM												3.1	
	9.6	22.7	38.0	24.4	2.0	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14023 STATION NAME LOPING AFB ME YEARS 70-79 MONTH JUN
 CLASS ALL WEATHER HOURS (L.S.T.) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	2.3	3.6	.6								8.0	6.5
NNE	.1	1.1	.4									1.6	5.4
NE	.8	1.0	.8		.1							2.7	5.9
ENE	.6	.4	.8	.1								1.9	5.1
E	1.1	1.2	.4	.2								3.0	4.9
ESE	.6	1.1	.3									2.0	4.7
SE	.9	1.3	.4									2.3	4.4
SSE	1.0	1.0	2.2	.8	.1							5.1	7.5
S	1.4	2.3	5.9	7.3	1.0	.1						18.1	9.9
SSW	.6	1.0	3.4	3.4	.9							9.3	10.4
SW	.6	2.7	3.0	1.3								7.6	7.6
WSW	.4	1.7	3.0	.5								5.7	7.5
W	.7	2.0	3.1	.8								6.6	7.4
WNW	.6	1.3	2.9	1.4								6.2	8.3
NW	.3	2.4	2.3	2.8								7.9	8.9
NNW	1.1	2.2	4.0	2.2	.1							9.7	8.2
VARBL													
CALM												2.4	
	12.0	24.8	36.9	21.6	2.2	.1						110.0	7.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 15-23 LORING AFB ME STATION NAME 73-74 YEARS JUN
 CLASS ALL WEATHER MONTH 1800-2000
 CONDITION _____ HOURS (L & 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	3.3	2.2	1.6	.2	.1							7.4	4.6
NNE	1.6	.4	.1									2.1	3.7
NE	1.0	.6	.1	.1								1.8	3.9
ENE	.9	1.1	.4									2.4	4.5
E	1.4	.7	.4									2.6	4.0
ESE	.7	.9	.1									1.7	3.9
SE	1.1	1.2	.2									2.6	3.8
SSE	1.7	2.2	2.1	.6								6.6	6.1
S	1.8	3.6	6.6	4.3	.8							17.3	8.7
SSW	1.0	2.6	2.2	2.0	.1							7.9	7.9
SW	.9	2.7	2.7	.4								6.7	6.4
WSW	1.2	1.6	1.1	.2								4.1	5.5
W	1.1	2.3	.4	.1								4.0	4.7
WNW	1.0	2.7	1.0	.1								4.3	5.5
NW	.7	2.0	1.6	1.0								5.2	7.2
NNW	3.0	3.8	1.9	.4	.1							9.2	5.4
VARBL													
CALM												14.0	
	22.3	30.4	22.6	9.6	1.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/AF

SURFACE WINDS

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

STATION 14023 STATION NAME LORING AFB ME YEARS 70-79 MONTH Jun
 CLASS ALL WEATHER MONTH 2100-2300
 CONDITION _____ HOURS (L & 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	4.6	1.8	.4									6.3	3.2
NNE	1.7	.7	.1									2.4	2.8
NF	1.1	.1	.6									1.8	4.3
ENE	1.2	.6	.6									2.3	4.1
E	2.4	1.4	.3									4.2	3.4
ESE	.8	.8	.1									1.7	3.5
SE	.7	.7	.1									1.4	4.2
SSE	1.8	1.8	1.1	.4								5.1	5.6
S	2.8	4.9	6.8	3.7	.2							17.4	7.6
SSW	1.3	3.7	2.8	1.2								8.3	7.1
SW	1.7	3.6	2.2	.5								7.4	5.9
WSW	1.3	2.1	1.6									4.4	4.9
W	1.2	2.7	1.1									5.0	4.3
WNW	1.7	1.2	.7									2.9	4.7
NW	1.8	1.3	.9	.2								3.9	4.4
NNW	2.1	2.4	.8	.2								3.6	4.5
VARBL													
CALM												19.2	
	27.4	27.2	19.6	6.3	.2							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 900

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 STATION NAME LOPING AFB ME YEARS 78-79 MONTH JUN
 CLASS ALL WEATHER MONTHS (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	2.4	2.2	3.0	.3	.0							6.8	5.4
NNE	.7	.7	.4	.1	.0							1.8	4.6
NE	.9	.8	.5	.0	.0							3.2	4.5
ENE	1.0	.9	.5	.0	.0							2.4	4.7
E	1.0	1.1	.4	.0	.0							3.4	3.9
ESE	.8	.9	.2									1.5	3.8
SE	1.1	.9	.2	.0								2.2	3.9
SSE	1.3	1.5	1.8	.6	.0							5.2	6.6
S	1.8	4.3	6.6	4.9	.6	.0						18.1	8.6
SSW	1.0	2.6	3.1	2.0	.2							8.9	8.1
SW	1.2	2.8	2.7	.7	.0							7.5	6.6
WSW	1.1	1.7	1.7	.3		.0						4.9	6.1
W	1.4	2.1	1.6	.4	.0							5.3	5.9
WNW	.8	1.2	1.3	.6	.0							4.0	6.7
NW	.9	.5	2.0	1.7	.1							6.1	6.1
NNW	1.6	2.3	2.2	.9	.0							7.0	6.6
VARBL													
CALM												12.1	
	19.8	27.4	27.2	12.5	1.0	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-23 LORING AFB ME 78-79 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 1000-2000

CLASS HOURS (L.S.T.)

COMPUTATION

SPEED (KNTS) DIR.	1-3	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	.8	.9									3.7	4.3
NNE	.4	.4										.9	3.0
NE	.8	.2										1.0	2.9
ENE	.4	.1										.5	2.8
E	2.5	.3	.2									3.0	2.7
ESE	1.1	.3	.1									1.5	3.0
SE	1.3	.4										1.4	2.8
SSE	1.7	1.7	1.4	.1								5.2	5.3
S	2.8	4.6	7.3	.9								15.3	6.5
SSW	1.2	2.9	4.3	.5								9.6	6.7
SW	2.3	4.5	1.5									8.1	4.6
WSW	3.3	2.9	1.1	.1								7.1	4.4
W	2.4	2.2	.3									4.8	3.7
WNW	1.5	1.0	.9									3.3	4.3
NW	1.1	1.1	1.1	.1								3.3	5.2
NNW	2.3	2.9	.9									5.8	4.4
VARBL													
CALM												26.7	
	26.2	26.4	19.1	1.7								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

SURFACE WINDS

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

STATION 14023 LCRING AFB ME STATION NAME 77-79 YEARS JUL
ALL WEATHER MONTH JUL
 CLASS ALL WEATHER HOURS (L.S.T.) 1300-1900
 CONDITION

SPEED (KNTS) DIR.	1-3	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										3.1	3.8
NNE	1.0	.5										1.5	1.1
NE	.5	.5										1.1	1.3
ENE	.9	.2										1.1	2.0
E	2.3	1.1	.1									3.4	3.3
ESE	.9	.1										1.0	2.1
SE	.4	.2										.6	2.8
SSE	.9	1.7	1.2	.2								4.0	3.6
S	3.2	7.2	6.2	1.1								17.7	6.2
SSW	1.7	2.3	3.3	.4								7.7	6.3
SW	1.8	2.9	1.5	.2								6.5	3.1
WSW	1.7	2.6	.6									4.9	4.1
W	2.3	1.7	.5									4.5	3.7
WNW	.3	1.7	.5									2.7	5.4
NW	1.5	1.7	1.1									4.3	4.7
NNW	2.7	2.5	1.2									6.3	4.4
VARBL													
CALM												29.5	
	23.3	23.8	16.5	1.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-023 LOPING AFB ME 70-79 JUL

STATION STATION NAME YEARS MONTH

ALL WEATHER 600-7800

CLASS HOURS (L.S.T.)

COND TION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.0	1.1									4.3	5.2
NNE	.9	.5	.1									1.5	3.4
NE	.5	1.2										1.7	4.1
ENE	.3	1.2										1.5	4.6
E	1.5	.2										1.7	2.3
ESE	1.1	.5	.1									1.7	3.4
SE	.6	.5	.2									1.7	3.5
SSE	1.4	1.4	1.4	.2								4.4	5.6
S	2.5	6.7	9.4	2.5								20.4	7.2
SSW	1.8	3.7	4.3	.6								10.4	5.4
SW	2.5	2.4	3.3	.4								8.7	5.8
WSW	2.8	2.7	.4	.1								5.2	4.6
W	2.8	1.2	1.3	.3								5.5	4.4
WNW	.9	1.3	1.5	.1								3.8	5.5
NW	1.5	2.7	2.0	.8								7.5	6.2
NNW	.8	3.5	3.9	.3								5.5	5.5
VARBL													
CALM												11.0	
	23.3	31.8	28.5	5.4								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1-025 STATION LOPING AFB ME STATION NAME 73-79 YEARS JUL MONTH
ALL WEATHER CLASS 930-1100 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	1956	%	MEAN WIND SPEED
N	.0	1.0	1.2	.3								4.2	5.9
NNE	.0	.5	.2	.1								1.0	4.0
NE	1.0	.4	.5									1.9	4.0
SNE	.3	.4	.4									1.2	5.0
E	.3	.8	.2									1.3	4.5
ESE	.2	.1										.3	3.3
SE	.6	.5	.1									1.1	4.3
SSE	.0	1.7	1.7	.9								3.1	7.3
S	1.6	6.0	8.3	3.8								19.7	7.6
SSW	1.0	1.7	6.3	2.5	.1							12.8	8.3
SW	1.5	3.5	3.4	2.2	.1							10.5	7.6
WSW	1.5	2.7	1.7	.9								6.8	6.2
W	2.7	1.6	1.6	.5								6.0	5.6
WNW	1.4	1.3	2.0	.3								5.1	5.7
NW	1.1	3.8	4.2	1.2	.1							10.3	7.1
NNW	.2	2.9	3.9	1.1								8.1	7.5
VARBL													
CALM												3.9	
	15.8	30.1	35.9	14.0	.3							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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

SURFACE WINDS

1-123
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

12 0-100
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	1.5	.3								4.1	6.2
NNE	.6	.6	.2									1.5	4.6
NE	.9	.4	.3									1.6	4.2
ENE	.3	.3	.1									.9	3.4
E	.5	.8	.2									1.5	4.7
ESE	.2	.2	.1									.5	3.3
SE	.6	.3	.1									1.1	5.4
SSE	.3	1.2	2.7	1.1	.1							4.9	8.3
S	1.5	4.5	8.3	4.7	.3							17.5	8.7
SSW	.6	2.6	3.5	2.8	.1							9.7	9.2
SW	.6	2.3	3.2	2.4								5.5	8.4
WSW	1.1	1.8	2.6	.5								7.0	7.6
W	1.2	2.8	3.9	1.3	.1							9.2	7.8
WNW	.5	2.3	2.7	1.3								6.8	7.6
NW	.8	3.1	4.5	1.9								10.3	7.9
NNW	.9	2.7	4.6	2.2								9.7	8.8
VARBL													
CALM												3.2	
	12.8	26.6	38.1	19.5	.6							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

CENTRAL WEATHER SERVICE
 14-23
 471 WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LOPINC AFB MS STATION NAME 70-79 YEAR JUL
 CLASS ALL WEATHER MONTHS 1977-1978
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	2.6	2.7	.1								1.3	6.7
NNE	.5	1.2										1.7	3.9
NE	1.2	.6	.2									2.0	3.9
ENE	.2	.5	.3	.1								1.3	5.1
E	.9	.9	.3									1.2	3.7
ESE	.5	.2	.1									.8	2.7
SE	.6	1.3	.2	.1								2.3	6.9
SSE	1.6	2.3	1.6	.4								6.8	3.9
S	.8	3.6	7.3	4.8	.3							19.8	9.3
SSW	.5	1.2	4.1	2.2	.3							8.3	9.4
SW	.8	2.2	2.5	2.4	.2							8.7	6.6
WSW	1.3	1.6	2.6	.8	.1							6.2	5.6
W	.9	2.3	2.4	.8								6.5	6.5
WNW	1.1	1.7	2.7	.9	.1							6.0	7.4
NW	1.5	3.0	4.2	1.9								10.1	7.6
NNW	1.1	4.7	5.1	1.7	.1							12.7	7.5
VARBL												3.3	
CALM													
	13.8	37.6	35.6	15.1	1.6							170.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14623 STATION NAME LOPING AFB ME YEARS 70-79 MONTH JUL
 CLASS ALL WEATHER 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.7	1.9	.5	.2								6.7	3.7
NNE	1.2	.5										1.7	2.6
NE	1.2	.5	.2									1.9	3.4
ENE	1.2	.4	.1									1.7	2.6
E	.8	.5	.1									1.4	3.2
ESE	1.3	.3										1.6	3.1
SE	1.4	.9	.1									2.4	3.5
SSE	1.9	2.4	1.5	.8								5.6	5.7
S	3.2	4.7	6.8	2.3	.3							17.1	7.2
SSW	1.0	1.6	3.1	1.7								7.4	7.9
SW	1.2	1.3	1.9									4.4	5.7
WSW	1.3	2.9	1.2									5.4	5.1
W	1.3	2.5	1.8	.3								5.9	5.9
W'W	1.5	2.3	1.1	.2								5.1	4.9
NW	.8	2.0	1.6	.4								4.8	6.2
NNW	2.9	4.6	2.3	.5								10.3	5.3
VARBL													
CALM												15.4	
	25.9	29.5	22.4	6.5	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
 USAFCTAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 04-25 STATION NAME: LORING AFB ME YEARS: 72-79 MONTH: JUL
 CLASS: ALL WEATHER HOURS (L.S.T.): 0100-2300
 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	3.0	2.6	.5									5.1	2.6
NNE	.6	.4										1.1	3.1
NE	1.0	.4										1.4	3.0
ENE	.4	.2										.6	3.0
E	1.5	1.3										2.8	3.2
ESE	1.1	.2										1.3	2.8
SE	1.3	.2										1.2	3.0
SSE	1.6	2.2	2.0	.2								6.3	5.4
S	2.5	5.6	5.4	2.6	.1							17.2	7.0
SSW	1.4	2.2	3.9	.5								8.3	6.7
SW	1.6	3.2	1.5									6.4	4.9
WSW	1.4	3.5	.6	.1								5.6	4.6
W	2.7	2.7	.6									6.0	4.1
WNW	.9	1.5	.8									3.1	4.8
NW	.6	1.2	1.0	.2								3.0	5.6
NNW	2.7	1.5	1.1	.5								5.8	5.1
VARBL													
CALM												24.3	
	24.1	28.9	18.4	4.2	.1							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

SURFACE WINDS

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

14-23
STATION

LORING AFB ME
STATION NAME

75-79
YEARS

JUL
MONTH

ALL WEATHER
CLASS

ALL
MOVES (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	1.0	.1								4.7	4.7
NNE	.8	.6	.1	.3								1.4	3.5
NE	.9	.6	.2									1.6	3.7
ENE	.5	.4	.1	.0								1.1	4.0
E	1.3	.7	.2									2.2	3.4
ESE	.6	.3	.1									1.1	3.1
SE	.8	.6	.1	.0								1.5	3.7
SSE	1.3	1.3	1.6	.5	.7							5.2	6.1
S	2.3	5.3	7.5	2.8	.2							18.0	7.5
SSW	1.3	2.3	4.1	1.5	.1							9.1	7.7
SW	1.5	2.8	2.3	.9	.7							7.7	6.5
WSW	1.8	2.6	1.4	.4	.3							5.1	5.4
W	1.9	2.2	1.6	.4	.0							6.1	5.4
WNW	1.0	1.7	1.5	.3	.0							4.5	6.0
NW	1.3	2.3	2.5	.8	.7							5.7	6.5
NNW	1.7	3.1	2.9	.8	.7							7.4	6.4
VARBL													
CALM												14.6	
	20.5	29.1	26.8	8.5	.4							130.3	5.3

TOTAL NUMBER OF OBSERVATIONS 7434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14423 STATION NAME LORING AFB ME YEARS 70-79 MONTH AUG
 CLASS ALL WEATHER HOURS (L.S.T.) 1000-2200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	2.4	.6									4.6	4.4
NNE	.6	.2	.1									1.1	3.1
NE	.9	.4	.1									1.4	3.1
ENE	1.1	.2										1.3	2.6
E	2.2	.4	.1									2.7	2.6
ESE	.8	.5										1.3	3.2
SE	.9	.6										1.6	3.6
SSE	1.6	.9	.5	.1								3.1	4.5
S	3.7	5.0	4.5	.4	.1							13.7	5.9
SSW	1.1	2.3	1.9	.3	.3							6.5	6.7
SW	2.0	3.8	2.5	.1								6.4	5.3
WSW	2.3	3.1	.4									5.8	4.1
W	1.8	2.7	.3		.3							5.2	4.9
WNW	1.6	1.7	.6									4.0	4.6
NW	1.3	2.5	1.6	.9								6.2	6.2
NNW	2.4	2.6	1.0	.2								6.1	4.7
VARBL													
CALM												27.0	
	25.8	29.9	14.4	2.0	.8							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 929

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14023 STATION NAME: LOPING AFB ME YEARS: 70-79 AUC: _____
 CLASS: ALL WEATHER MONTH: 1300-0000
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	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	2.4	.2									4.8	3.7
NNE	.6	.4	.1									1.2	3.7
NE	.8	.8	.1									1.6	3.9
ENE	1.3	.5	.1									1.9	2.8
E	2.7	.1										2.2	2.1
ESE	1.3	.4										2.3	2.4
SE	1.5	.4										1.9	2.8
SSE	1.7	1.4	.2									2.6	4.2
S	3.0	4.6	3.7	.6	.1							12.5	5.9
SSW	.8	2.6	2.5	.5	.1							6.5	6.8
SW	2.5	5.1	2.2	.2								9.9	4.9
WSW	2.8	2.7	.6									6.1	3.8
W	2.3	2.0	.4									4.7	3.8
WNW	.6	1.9	1.4	.1								4.1	5.9
NW	1.6	2.5	2.0	.6								6.8	5.7
NNW	1.6	1.4	.2									3.2	3.8
VARBL													
CALM												28.2	
	26.5	29.2	13.8	2.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14c23 LORING AFB ME 70-79 AL
STATION STATION NAME YEARS RC-2

ALL WEATHER
CLASS

CONDITION

3600-0800
NOV8 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.6	1.3	.1								4.9	5.3
NNE	.5	.3	.5	.1								2.0	5.4
NE	.6	.4										1.1	2.7
ENE	1.2	.5	.1									1.8	3.2
E	1.8	.8										2.6	2.8
ESE	2.0	.5	.2									2.8	3.1
SE	2.4	.5										2.9	2.5
SSE	1.0	1.1	.1									2.2	3.3
S	2.7	4.7	5.1	1.1								13.9	6.6
SSW	2.0	2.6	3.8	.6								9.0	6.2
SW	2.5	3.5	3.9	1.1								11.0	6.2
WSW	1.5	3.2	1.4	.2								6.3	5.5
W	1.6	2.2	1.3									5.1	4.8
WNW	1.0	1.6	2.4	.1								5.1	6.1
NW	.9	1.9	3.1	1.1								7.0	7.5
NNW	1.6	2.5	2.3	.6								7.1	6.2
VARBL													
CALM												15.3	
	24.4	29.6	25.4	5.4								130.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

U.S. AIR FORCE
 CLIMATE DIVISION
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

15-23 LORING AFB ME 77-79 AUG 1900-1100
 STATION NAME YEARS MONTH 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	34-46	47-49	50-55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	2.2	.2								5.1	6.2
NNE	.4	1.0	.3									1.7	6.7
NE	.7	.2	.2									.6	6.8
ENE	.4	.5	.1									1.7	3.8
E	.9	.5										1.3	3.7
ESE	.5	1.2	.4									2.3	4.4
SE	.9	1.3	.1									2.3	6.0
SSE	1.7	2.3	1.1	.2								5.3	5.1
S	2.1	3.9	6.6	2.8	.1							15.4	7.6
SSW	.9	2.7	2.7	1.4	.3							8.0	7.9
SW	.8	2.6	3.2	1.2								7.7	7.4
WSW	1.1	2.3	4.1	1.2								8.6	7.6
W	1.9	2.4	3.2	.3								7.6	6.1
WNW	1.7	1.5	4.5	1.2	.1							8.5	7.4
NW	1.5	1.9	4.5	2.5								10.4	6.1
NNW	1.1	2.2	3.4	2.3								8.9	8.2
VARBL													
CALM												4.9	
	17.1	23.1	36.1	13.2	.5							100.3	6.7

TOTAL NUMBER OF OBSERVATIONS 930

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14523 LORING AFB VE 70-79 AUG
STATION STATION NAME YEARS

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	.5	1.6	2.3	.2								4.6	6.7
NNE	.3	.5	.3									1.2	5.5
NE	.3	.9	.1									1.3	4.9
ENE	.4	.1	.1									.6	3.3
E	.5	.6	.2									1.5	4.1
ESE	.6	1.0	.1									1.7	4.1
SE	.9	1.1	.4									2.4	4.4
SSE	.5	.9	2.0	.4								4.1	6.7
S	1.3	3.5	7.6	2.7	.1							15.3	9.0
SSW	.8	1.1	2.6	2.8	.1							7.3	9.1
SW	1.6	1.5	2.6	2.2	.1	.1						8.1	8.2
WSW	.9	1.1	3.7	2.3								7.8	5.8
W	1.4	2.5	4.9	1.8	.1							10.6	7.7
WNW	.9	2.3	3.9	.9								7.8	7.4
NW	1.4	3.0	5.2	2.8	.3							12.7	8.2
NNW	.6	2.5	5.1	1.7	.1							10.0	6.0
VARBL													
CALM												2.8	
	13.3	24.1	41.1	17.7	.9	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LORING AFB ME STATION NAME 70-79 YEARS 40
 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	1.5	1.3	1.7	.5								5.2	6.5
NNE	1.0	.5	.1									1.7	3.7
NE	.1	.1	.1									.3	4.3
ENE	.5	.2	.2									1.1	3.3
E	.5	1.5	.1	.2								2.3	4.9
ESE	.5	.6										1.4	1.8
SE	1.1	1.3	.1									2.3	3.9
SSE	1.8	1.8	2.7									5.7	5.1
S	2.0	3.1	4.5	2.5								12.3	7.6
SSW		1.2	2.3	1.8	.1							5.4	3.4
SW	1.0	1.4	3.2	1.3								7.4	6.0
WSW	1.3	2.2	3.5	1.6	.2							3.5	6.3
W	1.2	2.2	2.7	1.5	.1							7.5	7.5
WNW	.9	3.0	3.2	1.7								8.3	7.5
NW	1.2	3.4	5.9	1.6	.1							12.3	7.8
NNW	.9	3.5	5.5	2.0								12.3	7.5
VARBL													
CALM												5.2	
	15.4	27.5	35.7	15.7	.5							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 AF-WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14623 STATION NAME LOPING AFB ME YEARS 70-9 MONTHS ALL
 CLASS ALL WEATHER MONTHS (L.S.Y.) 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	5.4	2.5	.5									5.4	5.3
NNE	1.5	.4	.2									2.2	3.2
NE	.5	.2										.8	2.4
ENE	.5	.5										1.2	3.2
E	1.4	.6	.2									2.6	3.7
ESE	.8	.4										1.2	3.3
SE	1.8	1.2	.1									3.1	3.2
SSE	1.5	3.2	1.4	.2								6.3	5.2
S	1.5	4.5	4.7	1.6								12.4	7.0
SSW	.5	1.7	2.5	.3								5.1	7.1
SW	1.6	2.7	2.3									6.6	5.6
WSW	1.5	1.8	1.5	.2								5.1	5.5
W	2.6	2.3	1.5	.4								6.8	5.1
WNW	1.1	1.8	1.7	.1								4.7	5.9
NW	1.7	1.5	2.0	.6	.1							5.6	7.0
NNW	2.5	4.6	2.2	.6								10.0	5.5
VARBL													
CALM												18.2	
	26.0	30.5	25.9	4.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14023 LORING AFB ME 70-79 A03

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

CLASS HOURS (L & T)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.8	2.8	.5									5.1	3.8
NNE	1.2	1.1										2.3	3.1
NE	1.0	.3	.1									1.4	2.2
ENE	1.1	.5										1.7	2.9
E	1.9	.5										2.5	2.9
ESE	.9	.6										1.5	3.3
SE	1.1	.6	.2									1.9	3.6
SSE	1.3	2.3	.5	.3								4.4	5.1
S	1.4	4.2	3.5	1.2								10.1	6.7
SSW	.6	3.1	3.2	.8								7.7	7.1
SW	1.5	3.0	2.3	.3								7.1	6.0
WSW	2.4	4.5	1.3									8.2	4.6
W	3.3	3.0	1.2									7.7	4.2
WNW	1.4	2.4	1.2	.2								5.2	5.5
NW	.5	1.9	1.4	.1								4.1	5.8
NNW	2.4	1.7	.8	.3								5.2	4.5
VARBL													
CALM												22.9	
	25.1	32.8	16.0	3.2								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL AVIATION ADMINISTRATION
 NATIONAL METEOROLOGICAL SERVICE
 WEATHER SERVICE/FAA

SURFACE WINDS

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

STATION: LOPING AFB ME YEARS: 70-79 MONTHS: ALL
 STATION NAME: _____ YEARS: _____ MONTHS: _____
 ALL WEATHER CLIM _____ ALL HOURS (L.S.T.) _____
 CLIM _____
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	2.2	1.2	.1								5.5	4.6
NNE	.8	.6	.2	.0								1.7	4.1
NE	.5	.5	.1									2.1	3.5
ENE	.9	.8	.1									1.3	2.1
E	1.4	.7	.1	.0								2.7	3.1
ESE	1.0	.7	.1									1.6	3.4
SE	1.3	.9	.1									2.3	3.5
SSE	1.5	1.7	1.0	.2								4.2	5.1
S	2.2	4.2	5.0	1.7	.1							13.1	7.0
SSW	.5	2.2	2.7	1.1	.1							6.9	7.3
SW	1.7	2.9	2.3	.9	.1	.0						6.3	6.4
WSW	1.7	2.6	2.1	.7	.1							7.1	6.2
W	2.0	2.4	1.0	.5	.1							7.0	5.8
WNW	1.1	2.7	2.3	.5	.1							6.0	6.6
NW	1.2	2.4	3.2	1.3	.1							8.1	7.3
NNW	1.6	2.6	2.5	1.0	.1							7.9	6.5
VASBL													
CALM												15.6	
	21.7	29.3	25.9	5.0	.5	.0						100.5	5.1

TOTAL NUMBER OF OBSERVATIONS 7439

6690

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14 23 STATION NAME LORING AFB ME YEARS 76-79 MONTH SEP
 CLASS ALL WEATHER HOURS (L & T) 1000-2200
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.4	1.7	.4	.1								4.7	3.7
NNE	2.2	.7										2.7	2.7
NE	1.2	.9	.3									2.6	3.9
ENE	1.3											1.3	1.8
E	2.3	.8										3.1	3.1
ESE	1.2	1.1	.1									2.4	3.5
SE	.7	.7	.4									1.8	4.6
SSE	1.7	1.8	.2	.4								3.4	5.3
S	1.4	4.6	4.9	2.4	.1							13.4	7.6
SSW	1.7	3.7	2.2	.4								7.3	5.8
SW	1.3	2.4	1.4									5.2	5.2
WSW	1.6	2.1	.4									4.1	4.3
W	2.3	2.7	.8									5.8	4.1
WNW	1.0	1.9	.8	.1								3.8	5.1
NW	1.6	3.4	2.1	.7								7.8	6.0
NNW	3.4	4.0	2.1	.3	.1							10.0	5.2
VARBL													
CALM												20.6	
	26.7	31.7	16.3	4.6	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14223 STATION LORING AFB ME STATION NAME 70-79 YEARS SEP MONTH
 ALL WEATHER CLASS 0303-0600 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.1	2.4	.3									5.9	3.5
NNE	1.7	.4	.4									2.6	3.9
NE	1.4	.4		.1								2.0	3.5
ENE	1.0	.2		.1								1.5	3.2
E	2.6	.8										3.3	2.6
ESE	1.3	.6										1.9	2.9
SE	1.0	.7	.6									2.7	4.0
SSE	.8	.4	.6	.2								2.0	5.7
S	2.1	5.2	5.0	2.0	.4							14.2	7.4
SSW	1.1	2.1	3.0	.3								6.6	6.6
SW	1.6	3.0	1.4	.1								6.1	5.2
WSW	1.2	2.0	.3	.4								4.0	5.2
W	1.3	1.3	.6	.1								3.3	4.7
WNW	1.3	1.3	1.1	.1								3.8	4.9
NW	1.2	3.2	2.9	.4								7.8	6.3
NNW	2.2	3.6	1.1	.1								7.0	4.6
VARBL													
CALM												25.0	
	25.4	27.8	17.3	4.0	.4							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

0691

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH
 1600-0800
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	2.4	2.7	1.1	.1								6.3	4.6
NNE	.8	.4	.3									1.6	4.2
NE	1.7	.5	.9									2.7	4.7
ENE	1.7	.2	.3	.2								2.4	4.2
E	2.4	.3										2.8	2.4
ESE	1.6	.7	.1									2.3	3.1
SE	1.1	.7	.6									2.3	4.9
SSE	.9	1.7	.9	.1								2.9	5.3
S	2.7	3.4	5.8	3.0	.2							15.1	7.8
SSW	1.6	3.7	3.7	1.6	.1							9.9	7.1
SW	1.9	1.8	2.1	.2								6.0	5.6
WSW	.7	2.2	1.4	.3								4.7	6.5
W	1.8	1.1	1.1	.7	.1							4.8	6.3
WNW	1.7	1.8	1.2	.3								4.3	5.8
NW	1.8	2.8	3.7	1.1	.2							9.3	7.0
NNW	2.1	3.6	2.9	.1	.1							8.2	5.7
VARBL													
CALM												14.3	
	29.3	26.2	25.2	8.1	.8							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1423 STATION NAME LORING AFB ME YEARS 76-79 MONTH SEP
 CLASS ALL WEATHER HOURS (L & T.) 1900-1100
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	2.3	.4								3.6	6.7
NNE	.6	.6	.4									1.8	4.3
NE	.9	1.2	.6									2.6	4.2
ENE	.7	.6	.7									1.9	5.2
E	1.3	.9										2.2	3.1
ESE	.7	.7	.2									1.6	3.9
SE	1.0	.9	.7									2.6	4.5
SSE	1.4	1.6	1.3	.3								4.7	6.2
S	1.7	3.6	5.7	4.3	.2							15.4	8.5
SSW	.4	1.4	2.7	1.6	.1							6.2	8.7
SW	1.1	2.6	1.8	1.6	.1							7.1	7.4
WSW	1.1	2.0	3.4	1.0	.2							7.8	7.6
W	1.0	.9	2.7	1.2	.1							5.9	8.2
WNW	.7	1.1	3.1	1.6								6.4	8.4
NW	1.6	3.0	4.7	2.0	.2							11.4	7.7
NNW	1.0	3.1	3.7	2.4	.2							10.4	8.4
VARBL													
CALM												6.4	
	15.8	26.2	33.9	16.4	1.2							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 900

6662

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14623 LORING AFB ME 75-79 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	.4	1.4	1.9	.6								4.3	7.4
NNE	.4	.9	.4	.1								1.9	5.1
NE	.8	.7	.4		.1							2.0	5.5
ENE	.2	.2	.2									.7	4.8
E	1.3	.6										1.9	2.8
ESE	.9	.7	.4									2.0	4.3
SE	1.1	.6	.3	.2								2.2	4.7
SSE	.7	1.6	1.8	.7								4.7	7.0
S	1.4	2.5	5.4	3.9	.7							14.2	9.0
SSW	1.2	1.2	1.3	3.4	.7	.3						7.8	10.1
SW	1.2	2.1	3.8	1.3	.1							7.8	7.5
WSW	.4	1.8	2.6	2.1								5.9	8.5
W	1.7	2.2	3.6	1.1	.3							8.2	7.9
WNW	.2	1.3	3.6	2.1	.1	.1						7.4	9.3
NW	1.1	3.8	5.1	2.4	.1							12.6	7.9
NNW	.4	2.9	4.7	3.2	.8							12.0	9.6
VARBL													
CALM												3.4	
	13.6	24.7	34.8	21.2	2.4	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 4623 STATION NAME LOPING AIR FLD YEARS 76-79 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	2.3	1.3	1.3	.3								5.4	5.0
NNE	.6	.4	.4	.1								1.6	4.9
NE	1.1	.2	.2									1.6	3.3
ENE	.9	.6	.1									1.6	3.1
E	1.0	.8										1.8	3.4
ESE	1.1	.6	.1									2.0	3.2
SE	.7	.2	.2									1.1	4.1
SSE	1.3	1.8	1.3	.2								5.1	5.3
S	1.0	2.9	5.4	4.7	.7							14.7	9.4
SSW	.8	1.8	3.4	2.4	.6							9.9	9.2
SW	1.4	1.6	1.6	1.1								5.7	6.3
WSW	1.1	1.4	2.1	.9								5.6	6.9
W	.7	2.3	2.6	.4	.1							6.8	6.9
WNW	1.2	2.6	2.8	1.4	.2							8.2	7.5
NW	1.0	2.7	5.8	1.9	.4							11.8	8.4
NNW	1.0	2.8	5.1	2.6								11.4	8.0
VARBL													
CALM												6.8	
	17.3	25.0	32.8	19.1	2.7							170.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

CLICAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 31523 STATION NAME LOCKING AFB ME YEARS 70-79 MONTH SEP
 CLASS ALL WEATHER MONTHS (L & 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	3.0	2.2	.6	.1								5.6	3.7
NNE	1.4	.4										1.9	2.7
NE	.7	.7	.2									1.5	4.1
ENE	1.2	.6	.1									1.9	3.1
E	1.3	.6	.1									2.0	3.1
ESE	1.4	.1	.4									2.0	3.2
SE	1.0	.3										1.3	2.8
SSE	1.2	2.4	.7									4.3	4.8
S	2.3	3.7	5.8	3.2		.1						15.1	7.9
SSW	.7	1.7	2.6	.8	.1							5.0	7.4
SW	.9	1.8	2.0	.8								5.4	6.8
WSW	1.2	2.4	.7									4.3	4.7
W	1.4	1.9	.3	.7								4.3	5.6
WNW	1.4	2.8	1.2	.4								5.9	5.6
NW	1.3	3.2	2.6	.7								7.4	5.5
NNW	2.9	3.8	3.6	.2								10.4	5.3
VARBL													
CALM												19.2	
	24.1	28.6	21.0	6.9	.1	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14023 LORING AFB ME 70-79 SEP

STATION STATION NAME YEARS MONTH

ALL WEATHER 2107-2300

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥55	%	MEAN WIND SPEED
N	3.3	2.2	1.1									6.7	4.0
NNE	1.3	1.3	.2									2.9	3.7
NE	.7	.9	.4									2.0	4.4
ENE	.7	.4										1.1	3.0
E	1.7	1.1										2.8	3.2
ESE	1.6	.7	.1	.2								2.6	3.7
SE	.4	.2	.1									.8	4.0
SSE	.7	1.5	.6	.1								3.1	5.0
S	2.2	3.7	4.9	3.3	.1							14.2	7.6
SSW	1.1	2.6	2.0	.9								6.6	6.5
SW	.9	3.0	1.4									5.3	5.3
WSW	1.2	2.3	.6									4.1	4.5
W	2.1	3.7	.6	.1	.1							5.9	4.5
WNW	1.7	2.3	.7	.2								4.9	4.7
NW	1.3	2.6	2.2	.3								7.1	6.3
NNW	3.7	2.7	2.4	.6								9.3	5.1
VARBL													
CALM												20.7	
	24.6	31.0	17.3	6.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 900

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4423 STATION LORING AFB ME STATION NAME 70-79 YEARS SEP 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	2.3	2.1	1.1	.2								5.7	4.7
NNE	1.1	.7	.3	.3								2.1	3.3
NE	1.7	.7	.4	.3	.1							2.1	4.3
ENE	1.5	.3	.2	.0								1.5	3.6
E	1.7	.7	.0									2.5	2.9
ESE	1.2	.7	.2	.0								2.1	3.5
SE	.9	.5	.4	.1								1.8	4.3
SSE	1.1	1.5	.9	.3								3.5	5.6
S	1.9	3.7	5.4	3.4	.3	.1						14.6	8.2
SSW	1.1	2.1	2.6	1.4	.1	.1						7.4	7.7
SW	1.3	2.3	1.8	.6	.1							6.1	6.3
WSW	1.1	2.0	1.4	.6	.1							5.2	6.4
W	1.5	2.3	1.5	.5	.1							5.6	6.3
WNW	1.1	1.9	1.8	.8	.1	.1						5.6	6.8
NW	1.3	3.1	3.6	1.2	.1							9.4	7.2
NNW	2.1	3.3	3.1	1.2	.2							9.9	5.7
VARBL													
CALM												14.6	
	21.5	27.6	24.8	10.4	.9	.1						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 7200

JOINT CLIMATE CENTER
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LOPING AFB ME STATION NAME 70-79 YEARS OCT MONTH 1900-3200 MOSES (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	2.0	3.7	2.2	.3								0.2	3.6
NNE	.5	.5	.3									1.4	4.3
NE	.4	1.4	.3									2.2	4.7
ENE	.8	.6	.1									1.5	3.6
E	1.9	1.1	.5	.1								3.7	4.1
ESE	1.2	.6	.1									2.0	3.5
SE	.9	.5	.1									1.5	3.5
SSE	1.4	1.8	.9	.2								4.3	5.1
S	2.8	4.3	5.1	1.7								13.5	6.9
SSW	1.1	2.3	1.4	.9								5.6	6.6
SW	1.5	2.3	2.3									6.0	5.4
WSW	1.7	2.2	1.4	.2								5.5	5.3
W	2.2	3.0	1.3	.5								7.0	5.4
WNW	1.2	1.6	1.8	.6								5.4	6.3
NW	.9	2.0	1.8	1.4	.3							6.5	6.2
NNW	2.6	2.2	1.1	.8	.2							6.9	5.6
VARBL													
CALM												15.9	
	23.2	29.8	20.5	6.9	.5							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14:23 ROSSING AFB ME YEARS: 78-79 MONTH: OCT
STATION NAME CLASS HOURS (L & T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	2.6	1.6	.4								6.2	5.8
NNE	1.0	1.1	.3									2.4	4.2
NE	.3	1.2	.6									3.2	5.3
ENE	.6	1.7	.4									2.5	4.7
E	1.4	.9	.3									2.6	3.8
ESE	.9	.4	.1									1.4	3.2
SE	.1	.2										.3	3.7
SSE	1.3	2.2	.6	.6								4.7	5.9
S	2.2	3.9	4.5	1.1								11.6	6.5
SSW	.9	1.6	2.8	1.2								6.5	7.7
SW	1.7	2.9	1.4	.4	.1							6.6	5.9
WSW	1.3	2.2	1.4	.4								5.3	6.5
W	1.9	2.2	1.7	.5								6.3	5.7
WNW	1.2	2.2	1.8	.8								5.9	6.4
NW	.8	1.8	2.3	.6	.3	.1						5.9	7.8
NNW	2.6	2.6	2.0	1.4	.1							8.7	6.5
VARBL													
CALM												21.4	
	19.5	28.7	22.3	7.5	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/440

SURFACE WINDS

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

STATION 4123 STATION NAME LONG AFB ME YEARS 70-79 MONTH OCT
 CLASS ALL WEATHER HOURS (L.S.T.) 0600-1800
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	3.1	.3								6.1	9.4
NNE	1.1	1.1	.8									2.9	4.2
NE	.5	1.3	.2									2.0	4.6
ENE	1.8	1.3	.2	.1								3.4	3.6
E	1.8	.6	.2	.2	.1							3.0	4.3
ESE	1.1	.5										1.6	3.1
SE	1.5	.3	.1									1.9	2.7
SSE	.6	1.7	.8	.4								3.5	5.4
S	1.4	4.4	4.7	1.8	.2							12.6	7.4
SSW	1.3	1.6	2.6	1.1	.1							6.9	7.3
SW	1.2	2.9	1.6	.9								6.6	6.3
WSW	1.3	1.6	2.2	.4								5.2	6.7
W	2.3	2.2	2.7	.9								8.0	6.2
WNW	1.1	1.7	1.5	.8	.4							5.5	7.6
NW	1.4	1.6	2.7	1.5		.1						7.3	8.0
NNW	1.4	3.2	2.5	1.5	.5							8.9	7.8
YARBL													
CALM												14.5	
	21.1	27.0	26.0	9.9	1.4	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

NATIONAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME 70-79 YEARS OCT MONTH
 1900-1100 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	2.6	1.1								5.3	6.0
NNE	1.0	1.1	.5	.1	.1							2.8	5.2
NE	.9	2.0	.6									3.7	5.8
ENE	.3	1.0	.8	.3								2.5	6.8
E	.9	.5	.1	.2	.1							1.7	5.5
ESE	.5	.5	.2									1.3	4.1
SE	1.0	.3	.5									1.9	4.3
SSE	.5	1.5	1.7	.4								4.0	6.2
S	1.2	3.2	6.9	2.3	.2	.1						13.9	8.3
SSW	1.1	1.5	3.9	1.2	.1	.1						7.8	6.7
SW	.5	1.9	2.2	1.5	.1	.1						6.2	6.4
WSW	.8	1.3	2.2	1.2	.1	.1						6.1	6.1
W	.6	2.2	3.1	1.8	.2	.2						6.2	9.1
WNW	.5	1.0	1.6	.8	.3	.1						4.5	9.0
NW	.9	1.5	5.1	3.1	.3	.3						11.5	9.2
NNW	.4	2.0	5.3	4.9	.3							13.0	9.5
VARBL													
CALM												5.5	
	11.8	24.0	36.9	18.9	1.9	1.0						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL METEOROLOGICAL BUREAU
 U.S. AIR FORCE
 WEATHER SERVICE (WAC)

SURFACE WINDS

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

STATION 423 LORING AFB ME STATION NAME 70-79 YEARS
 CLASS ALL WEATHER MONTHS 000
 CODES (I, S, T, J)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.9	1.2	1.9	.5								4.5	3.9
NNE	.5	1.2	.1	.1								2.6	4.7
NE	1.1	1.4	.5									3.0	5.0
ENE	.4	1.1	.8	.1								2.4	5.1
E	.2	.9	.4	.1								1.6	5.2
ESE	.5	.6										1.1	3.5
SE	.2	.1	.4	.1								1.0	3.4
SSE	.3	1.2	2.7	.6			.1					4.9	5.6
S	.6	2.3	6.5	3.1	.1							12.6	5.9
SSW	.5	1.3	3.2	1.5	.9							7.5	9.5
SW	.3	2.5	2.7	1.5	.2	.1						7.3	5.5
WSW	.6	1.6	2.6	1.9	.2	.1						7.1	5.0
W	.6	1.2	3.2	3.0	.2	.3						6.6	10.2
WNW	.6	1.7	3.2	1.0	.2							5.5	7.9
NW	.2	2.8	5.3	3.8	.1	.3	.1					12.5	9.8
NNW	.5	2.9	4.5	4.1	.6	.2						12.9	9.5
VARBL													
CALM												3.3	
	9.0	23.5	38.4	21.6	2.6	1.1	.2					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1423 STATION NAME LORING AFB ME YEARS 77-79 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	1.5	2.2	.9	.2	.1							4.8	5.4
NNE	.9	.8	.2									1.8	4.2
NE	.4	.4	.4									1.3	5.0
ENE	.4	1.1	.5									2.0	5.1
E	1.4	.5	.5	.1								2.7	4.8
ESE	.4	.2	.1	.1								.9	4.8
SE	.9	.9	.2									1.9	4.0
SSE	1.6	2.3	3.1	.6	.1							7.7	6.6
S	1.6	2.5	5.8	2.4	.1							12.4	8.5
SSW	.6	1.2	1.9	1.4								5.2	8.7
SW	.6	1.8	2.6	1.0	.2	.1						6.3	7.9
WSW	1.2	1.3	2.0	.9	.1	.1						5.5	7.6
W	1.9	2.8	3.3	2.3	.3	.1						10.8	7.9
WNW	1.1	1.9	1.8	.9								5.7	6.9
NW	.4	2.7	4.0	1.7	.3	.1	.1					9.4	8.9
NNW	2.2	3.3	5.4	2.6	.1	.2						13.8	7.9
VARBL													
CALM												7.3	
	17.2	25.8	33.0	14.0	1.4	.6	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 933

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14.23 LORING AFB ME STATION NAME 70-79 YEARS 1899-2007 MONTH CCT
 CLASS ALL WEATHER
 CONDITION _____

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.7	3.7	1.3	.5								7.8	4.9
NNE	.8	1.0	.1									1.8	3.9
NE	.6	1.3	.1									1.7	4.1
ENE	.9	.9	.2									1.9	3.7
E	1.3	.2	.2	.3	.1							2.2	5.5
ESE	1.4	.5										1.9	2.8
SE	.9	.9	.2									1.9	4.1
SSE	.9	1.8	1.5	.9								3.1	6.9
S	2.0	3.5	4.8	2.2								12.6	7.2
SSW	.6	1.2	2.7	.8	.2							3.5	8.0
SW	1.4	1.9	1.7	.5								5.6	6.0
WSW	.4	1.0	.9	.3								2.6	6.8
W	1.9	1.9	2.5	1.5	.1							8.0	7.0
WNW	.5	1.7	.8	1.1								4.1	7.7
NW	1.9	2.0	1.8	1.1	.1	.1						7.1	6.9
NNW	2.9	4.8	3.3	1.4	.2	.1						12.8	6.4
VARBL													
CALM												17.4	
	21.2	28.1	21.8	17.5	.8	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME 70-79 001
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS 2100-2300
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.5	3.2	1.7	.3								7.7	5.2
NNE	.5	1.2	.3									2.0	4.4
NE	1.2	.6	.4									2.3	3.9
ENE	1.7	.6	.1	.1								1.9	4.1
E	.9	1.3	.5	.1								2.3	4.7
ESE	1.4	1.1	.5									3.0	4.5
SE	.9	.8										1.6	3.2
SSE	1.3	1.3	1.1	.4								4.1	5.8
S	1.9	3.2	5.4	2.0	.3							12.9	7.5
SSW	1.4	2.0	3.2	.9								7.5	6.8
SW	1.2	2.0	1.3	.2								4.7	5.4
WSW	1.5	1.2	.9	.1								3.8	4.9
W	1.4	3.0	3.5	.8								8.2	6.4
WNW	1.8	1.2	1.3	1.1								5.4	6.3
NW	1.2	1.6	1.8	1.1	.1	.2						6.0	8.0
NNW	3.4	2.4	1.9	.6	.1	.2						8.7	5.8
VARBL													
CALM												17.3	
	23.5	26.9	23.5	7.7	.5	-.						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

1973 STATION LORING AFB ME STATION NAME 70-79 YEARS OCT MONTH
 ALL WEATHER CLASS ALL HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	2.3	1.9	.5	.1							6.3	5.0
NNE	.8	1.0	.3	.0	.0							2.1	4.6
NE	.7	1.2	.4									2.3	4.6
ENE	.8	1.0	.4	.1								2.2	4.6
E	1.2	.7	.4	.1	.2							2.5	4.7
ESE	.9	.6	.1	.0								1.7	3.8
SE	.8	.5	.2	.0								1.6	3.9
SSE	1.0	1.8	1.5	.5	.2		.1					4.8	6.5
S	1.7	3.4	5.5	2.1	.1	.0						12.8	7.6
SSW	.9	1.6	2.7	1.1	.2	.0						6.6	7.9
SW	1.1	2.3	2.0	.8	.1	.2						6.2	6.8
WSW	1.1	1.6	1.7	.7	.1	.0						5.1	7.0
W	1.6	2.3	2.6	1.4	.1	.1						8.1	7.4
WNW	1.0	1.6	1.8	.9	.1	.0						5.4	7.3
NW	1.0	2.1	3.1	1.6	.2	.2	.0					8.3	8.7
NNW	2.0	2.9	3.3	2.2	.3	.1						10.7	7.7
VARBL													
CALM												13.3	
	18.3	26.7	27.8	12.1	1.2	.4	.0					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7410

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14523
STATION

LOPING AFB ME
STATION NAME

75-79
YEARS

NOV
MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	2.4	1.6	.1								5.9	5.2
NNE	.3	1.2	.7	.1								2.3	6.1
NE	.2	.9	.8	.1								2.6	5.2
ENE	.7	.8	.2	.1								1.8	4.8
E	.9	1.2	.1									2.2	4.2
ESE	1.5	1.2	.3	.1								2.7	4.5
SE	.6	1.7	.3									1.9	4.8
SSE	1.1	.6	1.3	.9								3.9	7.2
S	1.9	3.3	2.7	1.9	.2							10.8	7.4
SSW	.6	.9	1.5	.8								3.2	7.4
SW	.9	2.1	1.6	.1								4.7	5.7
WSW	1.2	2.2	1.6	.6								5.6	6.1
W	2.0	2.6	3.4	1.1								9.1	6.6
WNW	1.2	1.4	2.6	1.8	.1							7.1	7.9
NW	1.8	1.7	3.0	1.3		.2	.1					8.1	7.9
NNW	1.2	4.6	2.3	2.7	.3							11.1	7.9
VARBL													
CALM												17.9	
	17.9	28.1	23.4	11.7	.7	.2	.1					107.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 14623 STATION NAME: LORING AFB ME YEARS: 70-79 MONTH: NOV
 CLASS: ALL WEATHER HOURS (L & 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	2.7	1.9									5.9	5.5
NNE	.6	.7	.6	.1								1.9	5.4
NE	.7	.9	.4									2.0	4.4
ENE	.8	1.2	.3	.3								2.7	5.2
E	1.6	1.4	.6									3.6	4.0
ESE	2.1	1.1	.7	.2								4.1	4.2
SE	.4	.3	.4									1.2	5.1
SSE	1.2	.6	1.3	.2								3.3	5.4
S	1.7	1.9	3.6	2.1								9.2	7.5
SSW	1.2	.9	1.1	.6								3.8	6.3
SW	.3	2.2	2.1	.6								5.2	7.0
WSW	.6	2.2	2.2	.4	.1							5.6	6.9
W	1.0	4.0	3.1	.9	.1							9.1	6.7
WNW	.9	1.4	2.6	1.3								6.2	7.8
NW	1.1	1.9	3.2	1.7	.1	.2						8.1	6.5
NNW	1.7	2.7	2.9	1.8	.6							9.6	7.8
VARBL													
CALM												16.9	
	17.1	26.0	25.7	17.2	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14623 STATION NAME LORING AFB ME YEARS 70-79 MONTH NOV
 CLASS ALL WEATHER MONTHS 0600-0800
 CONDITION _____
 HOURS (L B 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	1.4	3.1	2.2	.4								7.2	5.9
NNE	.4	.9	.4	.1								1.9	5.7
NE	.9	.8	.3	.1								2.1	4.7
ENE	.9	1.1	.9	.3								3.2	5.8
E	1.2	1.3	.3	.4								3.3	5.1
ESE	1.6	1.3	.6	.2								3.7	5.1
SE	.8	.7	.2	.1								1.8	4.9
SSE	.2	.6	.4	.8								2.0	9.0
S	1.2	2.1	3.6	2.1								9.0	8.1
SSW	.9	.7	1.2	.9								3.7	7.3
SW	.6	1.8	1.8	1.2								5.3	7.6
WSW	1.2	3.1	2.6	1.1								8.0	6.7
W	1.7	2.7	2.7	1.2								8.2	6.9
WNW	1.1	2.1	2.7	.6								6.4	6.6
NW	.7	.9	2.9	1.4	.6	.2						6.7	9.6
NNW	1.3	1.9	2.7	1.7	.2							7.8	7.7
VARBL													
CALM												19.7	
	16.1	25.0	25.4	12.8	.8	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1-423 LORING AFB ME STATION NAME 70-79 YEARS 40Y
 CLASS ALL WEATHER MONTH 1938-1100
 CONDITION _____ 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	2.4	3.8	.5	.1							7.8	7.4
NNE	.7	1.2	.6	.2								2.7	5.7
NE	.7	1.1	.2	.1								2.1	4.8
ENE	.6	1.1	.1	.1	.1							2.0	5.6
E	2.1	1.9	.7	.3								5.3	4.7
ESE	.9	1.3	1.0									3.2	5.2
SE	.3	.7	.4	.2								2.1	5.6
SSE	1.3	.9	1.6	.2								4.5	6.1
S	1.1	2.8	5.3	1.9								10.6	7.9
SSW	.8	1.0	1.8	.7								4.2	7.4
SW	1.1	.9	2.2	.8								4.8	7.2
WSW	1.2	1.2	1.4	1.3	.1							5.8	7.8
W	.9	2.3	4.5	2.4	.9							11.3	9.3
WNW	1.7	1.8	2.6	2.1	.7	.1						8.2	9.4
NW	1.2	2.2	3.7	2.3	.2							9.0	8.5
NNW	1.0	1.8	3.2	3.2	.8	.1						10.1	9.7
VARBL													
CALM												6.9	
	15.8	25.3	32.3	16.6	2.9	.2						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 STATION NAME LOPING AFB ME YEARS 77-79 MONTH NOV
 CLASS ALL WEATHER HOURS (LST) 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	3.3	2.1	.4	.1							6.2	6.7
NNE	.6	.5	.4	.2								1.8	5.0
NE	.6	.4	.3									1.3	4.9
ENE	1.2	1.2	.3									2.8	4.7
E	1.3	1.9	.4	.2								3.9	4.8
ESE	1.6	.4	.1	.1								2.2	5.7
SE	.9	1.1	.3	.1								2.4	5.0
SSE	.7	1.3	1.2	.9	.3							4.4	8.2
S	1.2	2.7	4.6	2.4								13.9	8.1
SSW	1.3	1.4	2.7	.3	.1							4.9	6.6
SW	1.1	1.6	1.7	.7								5.0	6.6
WSW	1.1	1.6	2.3	2.0	.2							6.9	8.5
W	.6	2.2	3.9	3.6	.7		.1					11.0	10.0
WNW	.8	1.1	3.8	2.2	1.2							9.1	10.1
NW	1.3	2.8	4.0	3.9	.3	.3						12.7	9.4
NNW	.3	1.9	3.2	3.4	.3	.3						9.6	10.4
VARBL													
CALM												4.9	
	14.8	25.2	30.4	20.6	3.3	.7	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

SURFACE WINDS

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

1423 STATION LOPING AFB ME STATION NAME 70-79 YEARS NOV MONTH
 ALL WEATHER CLASS 1500-1727 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.8	1.8	.4								5.4	5.1
NNE	.9	.3	.5									2.0	3.1
NE	.7	.6	.6									1.8	4.9
ENE	.9	.3	.7									1.9	4.5
E	1.0	.6	.9	.1								2.6	5.2
ESE	1.8	1.3	.1	.2								3.4	4.0
SE	1.7	.7	.1	.2								2.7	4.3
SSE	1.6	2.0	.9	.7	.1							5.4	5.8
S	2.6	3.1	2.9	1.6	.1							10.2	6.7
SSW	.7	.8	1.3	.6		.1						3.4	7.7
SW	1.0	.7	1.4	.6								3.7	5.6
WSW	.8	1.6	2.2	1.3	.3							5.9	8.2
W	1.4	3.1	4.7	3.2	.2							12.7	8.5
WNW	.8	2.1	2.4	2.4	.7							3.4	9.2
NW	1.1	1.8	3.1	1.7	.4							5.1	8.7
NNW	1.6	3.0	3.2	1.8	.9	.1						10.7	8.7
VARBL													
CALM												11.7	
	20.0	23.7	27.1	14.4	2.5	.2	.1					120.0	6.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14-75 STATION LORING AFB ME STATION NAME 77-79 YEARS NOV
 CLASS ALL WEATHER MONTH NOV
 CONDITION _____ NOSES (L S T) _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	1.2	.3								5.3	5.6
NNE	1.1	.3	1.7	.1								1.6	5.8
NE	.7	.4	.7									1.8	5.4
ENE	.8	.8	.3	.1								2.0	5.1
E	2.1	.9	.2									3.1	3.4
ESE	2.2	1.3	.6									3.8	3.5
SE	1.7	1.0	.2									3.2	3.7
SSE	.8	.9	1.2	.7								3.6	7.1
S	1.9	3.6	2.3	1.9								3.7	6.9
SSW	.8	1.3	1.7	.1								3.2	5.4
SW	1.5	1.9	.9	.2								4.3	5.1
WSW	.9	1.2	3.3	.6								5.7	7.5
W	1.7	4.2	4.3	1.9	.2							11.7	7.9
WNW	.7	1.7	2.3	1.2	.4							6.3	9.0
NW	.9	2.7	2.5	1.3	.1	.2	.1					6.1	8.4
NNW	1.4	4.1	2.4	2.7	.4							10.5	7.6
VARBL													
CALM												15.0	
	16.6	28.7	24.6	16.5	1.2	.2	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1-023 LORING AFB ME STATION NAME 7'-79 YEARS 40 MONTH 40
 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	3.2	1.2	.2								5.4	3.6
NNE	1.7	.7	.6	.2	.1							2.6	5.3
NE	.3	1.2	.4	.1								2.1	5.6
ENE	1.1	1.1	.3									2.6	4.0
E	2.2	.8	.2									3.2	3.3
ESE	.8	.9	.8	.3								2.8	5.9
SE	1.1	.4	.2									1.6	3.6
SSE	1.3	.7	1.1	.6								3.5	6.3
S	1.4	2.6	3.8	2.2	.2							13.3	7.9
SSW	.7	1.1	1.6	.2								3.6	6.8
SW	.7	1.7	1.2	.2								3.8	6.2
WSW	.7	1.6	1.4	.2								3.9	6.3
W	1.0	3.3	3.3	1.8								9.5	7.5
WNW	1.3	2.9	2.2	1.7	.6							6.7	8.2
NW	.6	2.2	3.5	1.8		.3						7.9	8.8
NNW	2.7	3.9	3.1	1.7	.4							11.8	7.1
VARBL													
CALM												16.4	
	17.6	26.1	24.7	11.3	1.3	.3						137.1	5.7

TOTAL NUMBER OF OBSERVATIONS 597

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE TAC

SURFACE WINDS

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

STATION 1-23 LIVING AFB ME STATION NAME 7 -79 YEARS NOV
 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	1.2	2.6	2.7	.3	.1							0.1	3.1
NNE	.7	.7	.7	.1	.1							2.2	3.1
NE	.7	.8	.5	.1								2.1	3.0
ENE	.9	1.3	.4	.1	.1							2.4	4.5
E	1.5	1.3	.4	.1								3.4	4.3
ESE	1.5	1.1	.5	.2								3.2	4.5
SE	.9	.7	.3	.1								2.0	4.5
SSE	1.1	.0	1.1	.6	.1							3.7	6.7
S	1.4	2.8	3.5	2.0	.1							17.0	7.6
SSW	.8	1.0	1.4	.5	.1	.1						3.5	6.7
SW	.9	1.6	1.6	.5								4.6	6.6
WSW	.9	1.9	2.1	.9	.1							5.9	7.3
W	1.2	3.1	3.8	2.0	.3		.0					10.3	8.0
WNW	1.0	1.3	2.6	1.7	.5	.1						7.6	8.6
NW	1.1	2.0	3.2	1.9	.2	.2	.0					8.6	8.7
NNW	1.4	3.0	2.9	2.3	.5	.1	.0					10.1	8.3
VARBL													
CALM												14.0	
	17.3	26.3	46.9	13.5	1.7	.3	.1					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7195

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

SURFACE WINDS

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

STATION 20 LOSING AFB MO STATION NAME 69-76 YEARS 60
ALL WEATHER MONTHS (L & T) 12
 CLAS
 CONDITIONS

SPEED (KNTS) DIR.	1-3	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	2.5	1.5	.3								6.7	3.3
NNE	1.6	.9	.9	.1	.1							2.6	1.6
NE	1.7	1.2	.5	.1								3.5	2.5
ENE	1.1	.8	.2	.2	.1							2.4	2.4
E	1.2	1.5	.3	.1								3.0	3.7
ESE	.5	.9	.3	.1								2.7	2.5
SE	.9	.8	.3	.2								2.2	3.4
SSE	.9	1.7	.8	.9	.7							3.7	7.8
S	1.0	1.1	1.0	1.9	.1	.1						6.1	6.2
SSW	.8	1.1	1.1	.5								3.1	7.2
SW	1.7	1.0	.6									2.8	4.7
WSW	1.7	1.7	2.7	.4		.1						4.5	7.0
W	1.1	2.7	3.4	1.6	.1	.2						5.5	6.5
WNW	1.7	2.5	2.7	1.1	.6	.2						4.1	6.8
NW	.8	1.9	3.2	3.9	.6	.3						12.6	10.4
NNW	1.4	2.5	3.8	3.9	1.6	.2						13.1	9.9
VARBL													
CALM												15.7	
	1.0	22.5	23.8	15.4	3.3	1.2						70.0	5.8

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 1-23 LORING AFB ME STATION NAME 69-78 YEARS DEC
 MONTH 30-1977
 CLASS ALL WEATHER
 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	3.7	1.7	2.5	.5	.1							7.8	5.7
NNE	1.1	1.5	.6									3.3	4.5
NE	1.4	1.2	.4	.2								3.2	4.7
ENE	1.7	1.1	.3	.1	.1							3.3	4.6
E	1.6	1.4	.6	.2		.1						4.0	5.1
ESE	.9	.9	.8	.1								2.6	5.2
SE	.5	.1	.8	.1								1.5	6.3
SSE		.4	1.7	1.1	.1	.1						2.7	11.3
S	.5	1.4	1.7	1.7	.1	.3						5.8	9.4
SSW	.3	.4	.2	.3								1.8	7.1
SW	.8	1.5	1.7	.4								3.4	6.7
WSW	.9	1.6	1.5	.2								4.2	5.9
W	1.1	2.2	3.1	1.2	.4	.3						8.3	8.4
WNW	1.7	1.1	2.9	1.4	.1							6.5	8.3
NW	1.4	3.7	3.8	4.2	1.1	.1						13.5	9.7
NNW	1.7	3.2	3.2	3.4	.5	.3						12.5	9.0
VARBL													
CAIM												15.5	
	17.6	22.8	24.9	15.3	2.6	1.3						170.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

JOURNAL CLIMATOLOGY BRANCH
 USAFETAC
 AT WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14-23 LONG AFB ME STATION NAME 69-78 YEARS MONTH DEC
 CLASS ALL WEATHER HOURS (L.S.T.) 1600-0100
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.2	2.3	.6	.3							7.1	6.7
NNE	1.2	1.7	.6									3.5	4.0
NE	1.8	.6	.3	.1								2.9	3.7
ENE	1.8	.8	1.1	.1	.1							3.9	5.0
E	2.2	1.2	.5	.3								4.2	4.5
ESE	.3	.4	.3									1.5	4.4
SE	.6	1.0	.5									2.2	4.9
SSE	.4	.4	1.4	.6								2.9	5.3
S	1.2	.9	1.8	1.8	.2	.1						6.0	8.3
SSW	.3	1.2	1.1	.4	.1	.1						3.2	8.2
SW	.8	2.7	1.6	.3								4.7	5.1
WSW	.4	1.7	1.3	.6		.2						4.3	7.2
W	1.3	3.2	2.8	1.5	.4	.1						9.4	7.6
WNW	.9	1.3	2.5	1.0	.1							5.7	6.0
NW	1.3	1.9	3.5	2.9	.5	.4						13.5	9.4
NNW	2.0	3.9	2.8	4.3	.4	.1						13.5	8.5
VARBL													
CALM												14.4	
	18.7	24.3	24.5	14.7	2.3	1.1						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

USAF CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14 23 LORING AFB MC STATION NAME 69-78 YEARS DEC
 CLASS ALL WEATHER MONTH 1930-11
 CONDITION

SPEED (KNTS) DIR.	1-3	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	2.7	2.4	.6								7.4	6.1
NNE	1.0	1.2	.6									2.8	3.2
NE	1.5	1.3	1.5									4.3	4.9
ENE	1.2	1.4	1.7									2.8	4.5
E	1.7	1.4	1.7	.3	.2							4.6	5.9
ESE	.5	1.7	.8									2.5	5.7
SE	1.5	.5	.5	.1								2.7	4.4
SSE	.5	.5	.8	.9	.1							3.0	8.6
S	1.3	1.5	2.3	2.2	.2							7.4	8.5
SSW	.3	1.4	1.2	.4								3.3	7.0
SW	.6	1.5	1.7	.8	.2							4.1	7.4
WSW	.9	1.7	2.5	.6	.2							5.2	7.9
W	1.0	.6	2.8	1.9	.5							3.0	9.1
WNW	.8	1.5	2.6	1.4	.9	.1						7.2	9.6
NW	1.2	2.5	2.3	4.4	1.3	.5						12.2	11.1
NNW	1.8	2.2	4.7	4.7	1.1	.4	.1					14.3	19.2
VARBL													
CALM												7.5	
	17.8	23.2	27.3	18.4	4.8	1.1	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 930

LOGICAL CLIMATOLOGY BRANCH
 USAF/TAC
 ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

1-23 STATION LORING AFB ME 69-78 YEARS DEC MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	2.7	2.7	1.0	.1							7.0	7.7
NNE	.8	.8	.6	.1								2.3	5.4
NE	.4	.5	.8	.1								1.6	5.8
ENE	.4	.9	.8	.2								2.3	6.3
E	1.4	2.2	.9	.4	.3							5.2	6.5
ESE	.5	1.5	.9	.1								3.2	5.4
SE	1.3	1.1	.3									2.4	4.3
SSE	.8	.6	1.0	.5	.1							3.0	7.5
S	1.3	1.9	3.1	1.5								7.8	7.5
SSW	.4	.8	1.5	.8								3.4	6.0
SW	.8	1.2	1.6	.3	.1							4.0	6.7
WSW	.3	.4	2.2	.6	.4							4.0	9.4
W	.5	1.8	1.5	2.8	.4							7.2	9.5
WNW	1.3	2.5	2.3	1.7	.5	.2	.1					5.3	9.3
NW	1.1	2.7	4.3	5.9	2.6	.9						16.8	12.0
NNW	1.1	2.5	5.1	4.6	1.4	.4						15.1	10.4
VARBL													
CALM												5.3	
	13.2	22.7	29.4	20.8	6.7	1.5	.1					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

SURFACE WINDS

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

14-23 STATION LORING AFB ME STATION NAME 60-78 YEARS DEC MONTH
 ALL WEATHER CLASS 1960-1700 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	48-35	≥56	%	MEAN WIND SPEED
N	2.7	2.8	1.8	.5	.1							7.3	5.8
NNE	1.1	.5	.4									2.2	4.7
NE	.5	.9	.4	.3								2.2	5.2
ENE	1.1	.4	.1									1.5	5.3
E	1.4	1.1	1.5	.5	.2							4.5	6.7
ESE	2.0	.8	1.7	.2								4.6	4.9
SE	.6	.9	.5	.1								2.2	5.6
SSE	.5	1.5	1.1	.5	.1							3.9	7.5
S	1.3	2.3	2.6	.6								6.8	6.4
SSW	.8	.8	.9	.3								2.7	6.4
SW		.3	.3									.6	6.8
WSW	.4	1.5	1.3	.6	.7							4.1	8.1
W	1.7	1.1	2.9	2.0	.4	.1						7.5	9.5
WNW	1.7	1.3	2.7	1.6	.4	.1	.1					7.4	8.8
NW	.3	2.5	5.5	4.3	1.8	.4						14.8	11.2
NNW	1.9	4.2	5.7	4.1	.8	.1						16.2	8.7
VARBL													
CALM												12.0	
	16.3	22.8	27.4	16.0	4.1	.8	.1					103.0	7.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14 23 LORING AFB ME STATION NAME 69-76 YEARS DEC
 CLASS ALL WEATHER NORTH 1800-2000
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.0	3.1	2.8	.8	.1							6.6	5.4
NNE	.9	.3	.5									2.2	3.0
NE	1.1	.6	.5	.1								2.4	5.7
ENE	1.1	.3	.4									1.6	4.0
E	2.8	1.4	1.7	.1	.2							5.5	5.7
ESE	1.2	1.3	.6									3.1	4.7
SE	1.1	.2	.2									2.0	3.7
SSE	.3	1.4	.6	.5	.2							3.1	7.7
S	1.3	1.7	1.8	.5	.3	.1						5.8	7.5
SSW	.2	.5	.9	.4								2.0	7.6
SW	.3	1.3	.3									1.9	5.3
WSW	.6	.6	1.2	.8		.1						3.3	8.6
W	.9	2.5	3.3	1.8	.2							8.7	8.2
WNW	1.3	1.4	1.4	1.3	.5							5.9	8.3
NW	1.0	1.3	4.3	2.9	1.7	.3	.1					12.2	10.8
NNW	3.0	5.7	4.6	3.9	.2	.1						17.5	7.5
VARBL													
CALM												13.7	
	19.0	25.3	24.6	13.1	3.5	.6	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION 14 23 LORING AFB ME STATION NAME 69-78 YEARS DEC
 MONTH 1100-2300
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.4	1.3	1.0								7.7	5.7
NNE	.9	.9	.2									1.9	4.3
NE	1.1	1.2	.5	.1								2.9	4.9
ENE	.8	.5	.4	.2								1.9	5.2
E	1.2	1.9	.4	.3								3.9	5.2
ESE	1.4	1.5	.5	.2								3.8	4.5
SE	.6	.4	.1	.2								1.4	5.3
SSE	1.0	.9	.2	.5								3.1	6.2
S	.9	2.3	1.7	.9	.1							5.8	7.3
SSW	.5	.4	1.2	.1								2.3	6.6
SW	.4	1.5	1.3	.4								3.7	6.8
WSW	.3	1.6	1.7	.9	.2							4.7	6.0
W	1.1	1.8	2.4	1.9	.3							7.5	6.4
WNW	.5	1.1	2.4	1.5	.4		.2					6.1	15.2
NW	1.5	2.7	2.8	4.9	.3	.1						11.7	9.5
NNW	1.6	4.8	5.1	3.3	.6	.2						15.7	8.6
VARBL													
CALM												15.6	
	15.8	26.5	22.8	16.6	2.0	.3	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE / MAC

SURFACE WINDS

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

STATION 14423 LORING AFB ME STATION NAME 69-78 YEARS DEC MONTH
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.6	2.2	.7	.1							7.4	6.1
NNE	1.0	1.3	.6	.0	.0							2.7	4.0
NE	1.1	.0	.6	.1								2.8	4.9
ENE	1.1	.8	.5	.1	.0							2.6	4.0
E	1.3	1.5	.8	.3	.1	.0						4.5	5.4
ESE	1.1	1.3	.6	.1								2.2	4.9
SE	.9	.7	.4	.1								2.1	4.9
SSE	.6	.9	.9	.7	.1	.0						3.2	3.1
S	1.2	1.6	2.3	1.4	.1	.1						6.5	3.0
SSW	.4	.8	1.1	.4	.0	.0						2.7	7.3
SW	.6	1.3	.9	.3	.0							3.1	6.4
WSW	.6	1.2	1.7	.6	.1	.1						4.3	7.8
W	1.0	2.0	2.8	1.9	.4	.1						5.1	6.6
WNW	1.0	1.6	2.4	1.4	.5	.1	.1					6.9	8.9
NW	1.1	2.2	3.7	4.2	1.2	.4	.3					12.8	10.6
NNW	1.8	3.6	4.2	4.0	.8	.2	.0					14.7	9.0
VARBL													
CALM												12.7	
	17.1	23.7	25.5	16.3	3.6	1.0	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 7443

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: 1-123 LOPING AFB ME STATION NAME: LOPING AFB ME YEARS: 60-79 ALL MONTHS
 CLASS: ALL WEATHER ALL HOURS (L & T)
 CONDITION: _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.9	2.4	1.8	.5	.7	.7						6.6	5.7
NNE	.9	.9	.5	.1	.							2.4	3.0
NE	.9	.9	.5	.1	.7							2.3	4.8
ENE	.9	.8	.5	.1	.7	.7						2.3	4.9
E	1.6	1.1	.8	.2	.7	.6						3.4	4.6
ESE	1.7	.8	.3	.1	.7	.7	.7					2.3	4.4
SE	.9	.8	.3	.1	.7							2.1	4.4
SSE	1.7	1.4	1.3	.6	.1	.7	.6					4.6	6.9
S	1.6	3.1	4.5	2.5	.3	.7	.7	.7				12.0	8.1
SSW	.8	1.5	2.7	1.7	.1	.7	.6					5.4	7.8
SW	1.7	1.9	1.6	.6	.7	.7		.6				5.1	6.5
WSW	1.7	1.7	1.5	.6	.1	.7	.5					4.9	6.9
W	1.4	2.2	2.2	1.2	.2	.7	.7					7.2	7.4
WNW	.9	1.5	2.1	1.2	.3	.1	.6					4.4	8.1
NW	1.7	2.1	3.3	2.7	.6	.2	.6					12.6	9.5
NNW	1.7	2.8	3.2	2.4	.4	.1	.6					10.7	8.2
VARBL													
CALM												12.7	
	18.2	26.2	26.3	13.8	2.2	.5	.6	.6				100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 87633

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14 23 STATION 14 23 LOPING AFB ME STATION NAME 69-79 YEARS ALL NORTH ALL HOURS (L.S.T.)

INSTRUMENT CLASS ALL

CIG 200 TO 1400 FT 4/ VSBY 1/2 MI OR MORE, CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI *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	1.3	2.8	2.6	.7	.7							7.4	5.6
NNE	.9	1.6	1.0	.2	.7							3.7	5.7
NE	1.1	1.5	1.2	.2	.7							3.9	5.6
ENE	1.4	1.7	1.3	.3	.7	.2						4.7	5.7
E	2.1	2.4	1.6	.6	.1	.2						6.7	5.9
ESE	1.4	1.8	1.1	.3	.7	.2						4.6	5.8
SE	1.3	1.6	.9	.2								4.2	5.2
SSE	1.1	2.2	2.8	1.6	.3	.1						8.1	8.1
S	1.5	4.3	8.7	5.0	.6	.1	.2					20.2	9.2
SSW	.5	1.1	2.4	1.0	.1		.2					5.1	6.2
SW	.4	1.0	.9	.3	.7	.2		.2				2.5	7.1
WSW	.5	.9	.8	.4	.1	.2						2.6	7.6
W	.5	1.0	1.1	.5	.2	.2	.2					3.4	6.2
WNW	.4	.8	1.1	.7	.3	.1	.2					3.3	9.4
NW	.2	1.0	1.6	1.3	.5	.2	.2					4.9	10.1
NNW	.8	1.6	2.2	1.8	.4	.1	.2					8.8	9.0
VARBL													
CALM												8.0	
	15.5	27.0	31.1	15.1	2.6	.7	.1	.2				100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 15513

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1½	≥ 1	≥ ¾	≥ ¾	≥ ¾	≥ 5/16	≥ ½	≥ 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 minimum stated in the table may be obtained by subtracting the value given in the table from 100.0.
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 7.0, obtained by subtracting 97.0 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 97.0 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

FEDERAL AVIATION ADMINISTRATION
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION: LITTLE ROCK AFB MO

DATE: 7-79

TIME: JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	15.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥2000	16.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 18000	16.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 15000	16.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 14000	16.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 12000	16.9	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 10000	17.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 9000	17.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 8000	17.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 7000	17.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 6000	17.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 5000	18.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
IV 4500	18.2	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
IV 4000	18.2	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
IV 3500	18.6	65.1	65.1	65.1	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 3000	19.1	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
IV 2500	19.5	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2000	19.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 1800	21.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
IV 1500	21.3	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
IV 1200	21.4	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 1000	21.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 900	21.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 800	21.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 700	21.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 600	21.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 500	21.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 400	21.8	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 300	21.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 200	21.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 100	21.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 0	21.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 41- WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 STATION LORING AFB ME

70-79 YEARS

JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-3600 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	13.8	45.0	47.1	47.1	47.4	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 20000	14.5	46.8	49.2	49.2	49.6	49.8	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 18000	14.8	49.1	49.6	49.6	49.9	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 16000	14.9	49.4	49.8	49.8	50.1	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	15.6	50.4	50.9	50.9	51.2	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 12000	15.8	50.9	51.5	51.5	51.8	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 10000	16.1	52.2	52.8	52.8	53.2	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 9000	16.1	52.5	53.1	53.1	53.5	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 8000	16.3	54.6	55.3	55.3	55.8	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 7000	16.6	56.6	57.3	57.3	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	16.7	58.0	58.7	58.7	59.2	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7
IV 5000	17.1	60.0	61.0	61.0	61.8	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 4500	17.7	61.1	62.0	62.0	62.9	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4000	18.1	64.1	65.5	65.5	66.7	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 3500	18.4	65.3	66.9	66.9	68.2	68.5	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 3000	19.0	65.4	70.3	70.3	72.7	73.1	73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV 2500	20.0	71.7	73.8	73.8	74.3	76.5	77.1	77.4	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 2000	20.8	73.5	75.6	75.6	76.3	78.7	79.4	79.6	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
IV 1800	21.1	74.4	76.5	76.5	77.2	79.6	80.3	80.8	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2
IV 1500	21.6	76.2	78.4	78.4	79.1	81.8	82.6	83.0	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
IV 1200	21.7	77.0	79.1	79.1	80.0	82.7	83.4	84.0	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2
IV 1000	21.8	78.4	80.5	80.5	81.8	84.6	85.4	86.1	87.3	87.6	88.3	88.3	88.3	88.3	88.3	88.3
IV 900	21.8	78.6	81.5	81.5	82.3	85.2	85.9	86.6	88.1	88.5	89.0	89.0	89.0	89.0	89.0	89.0
IV 800	21.8	79.2	82.0	82.0	83.0	85.9	86.7	87.8	89.1	90.0	90.5	90.9	90.9	90.9	90.9	90.9
IV 700	21.8	79.8	82.7	82.7	83.7	86.6	87.3	88.5	89.8	90.8	91.3	91.6	91.6	91.6	91.6	91.6
IV 600	21.9	80.3	83.2	83.2	84.2	87.3	88.1	89.4	90.9	91.9	92.9	93.3	93.3	93.3	93.3	93.3
IV 500	21.9	80.4	83.4	83.4	84.5	87.7	88.8	90.3	92.0	93.2	94.3	94.8	95.1	95.1	95.1	95.1
IV 400	21.9	80.5	83.7	83.7	84.9	88.3	89.5	91.0	92.8	94.0	95.2	95.8	96.1	96.3	96.3	96.3
IV 300	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.5	93.3	94.6	95.8	96.5	97.0	97.4	97.4	97.4
IV 200	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.3	97.2	97.7	98.4	98.4	98.8
IV 100	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.5	97.3	98.0	98.7	99.0	99.7
IV 0	21.9	80.8	83.8	83.8	85.1	88.4	89.8	91.7	93.7	95.1	96.5	97.3	98.0	98.7	99.1	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1723 LORING AFB ME

75-79

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2800
 HOURS LST

CEILING FEET	VISIBILITY STATUTE M S.															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥2/3	≥1/2	≥1/4	≥0	≥0
NO CEILING	24.2	43.5	44.5	44.8	44.8	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 20000	26.2	43.7	47.5	48.7	48.9	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
IV ≥ 18000	27.5	47.4	48.4	48.7	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV ≥ 16000	27.2	47.0	48.6	48.9	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV ≥ 14000	27.8	48.9	49.9	50.2	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV ≥ 12000	28.7	50.3	51.3	51.7	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV ≥ 10000	29.9	52.3	53.2	53.8	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV ≥ 9000	29.9	52.8	53.8	54.3	54.5	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
IV ≥ 8000	31.4	54.8	55.9	56.3	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV ≥ 7000	31.7	56.7	57.7	58.4	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV ≥ 6000	32.3	58.2	59.4	60.0	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV ≥ 5000	33.1	60.3	61.6	62.4	63.0	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
IV ≥ 4500	33.5	61.2	62.5	63.2	63.9	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV ≥ 4000	34.9	63.9	65.3	66.1	67.0	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
IV ≥ 3500	35.3	66.0	67.5	68.4	69.4	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV ≥ 3000	36.3	68.6	70.3	71.8	73.7	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV ≥ 2500	37.3	70.6	72.6	73.9	75.7	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV ≥ 2000	38.5	72.5	74.3	75.6	77.6	78.1	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV ≥ 1800	39.2	74.7	77.4	78.7	81.3	81.7	82.8	83.0	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
IV ≥ 1500	39.7	75.5	78.4	80.3	82.7	83.1	84.4	84.8	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5
IV ≥ 1200	40.1	76.8	79.7	81.3	84.1	84.9	86.5	87.2	88.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV ≥ 1000	40.1	77.1	80.1	81.7	84.6	85.6	87.1	87.8	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV ≥ 900	40.2	77.7	81.8	82.4	85.5	86.5	88.1	88.9	89.2	90.5	90.8	91.2	91.2	91.2	91.2	91.2
IV ≥ 800	40.3	78.2	81.3	82.9	86.2	87.4	89.2	90.2	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4
IV ≥ 700	40.3	78.6	81.7	83.3	87.0	88.2	90.0	91.3	92.3	93.2	93.8	94.2	94.4	94.4	94.4	94.4
IV ≥ 600	40.3	78.8	81.9	83.7	87.7	88.9	90.9	92.4	93.3	94.3	94.9	95.6	95.8	95.9	95.9	95.9
IV ≥ 500	40.3	78.9	82.7	83.8	87.8	89.0	91.0	92.6	93.5	94.5	95.4	96.1	96.5	96.7	96.7	96.7
IV ≥ 400	40.3	79.0	82.2	84.0	88.1	89.2	91.3	92.9	93.9	94.9	95.9	96.8	97.2	97.4	97.4	97.4
IV ≥ 300	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.5	95.6	96.9	98.1	98.6	99.0	99.0	99.1
IV ≥ 200	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.6	95.7	97.0	98.2	98.7	99.4	99.4	100.0
IV ≥ 100	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.6	95.7	97.0	98.2	98.7	99.4	99.4	100.0
IV ≥ 0	40.3	79.1	82.3	84.1	88.2	89.4	91.5	93.4	94.6	95.7	97.0	98.2	98.7	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-023
STATION

LORING AFB ME
STATION NAME

7-79
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	39.2	45.3	46.1	46.5	46.7	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 20000	42.5	48.5	49.9	51.1	51.4	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 18000	43.1	49.6	50.4	50.8	51.1	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7
IV 16000	43.3	49.8	50.6	51.0	51.3	51.5	51.8	51.5	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
IV 14000	44.1	51.1	51.8	52.2	52.5	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
IV 12000	45.3	52.7	53.5	53.9	54.2	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.8
IV 10000	45.2	56.0	56.9	57.2	57.5	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
IV 9000	48.5	56.3	57.2	57.5	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
IV 8000	50.1	58.3	59.2	59.6	59.9	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
IV 7000	51.0	59.7	60.6	61.0	61.4	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4
IV 6000	51.5	60.8	61.7	62.0	62.5	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5
IV 5000	52.4	61.2	62.0	63.1	63.5	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.9
IV 4500	52.7	62.4	63.3	63.7	64.1	64.7	65.2	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.6
IV 4000	54.3	64.3	65.4	65.7	65.6	67.3	67.8	68.0	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.3
IV 3500	55.2	65.0	66.1	67.1	68.1	68.8	69.4	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.8
IV 3000	56.5	67.6	68.8	69.6	70.6	71.5	72.2	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.1
IV 2500	57.7	69.4	70.6	71.5	72.8	73.7	74.7	75.5	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.9
IV 2000	59.1	71.6	73.0	74.2	75.7	76.7	78.1	78.9	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.7
IV 1800	59.2	71.7	73.1	74.3	75.9	77.0	78.5	79.5	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.2
IV 1500	50.9	74.1	75.6	76.9	78.8	80.0	81.9	82.9	83.0	83.5	83.8	83.8	83.8	83.8	83.8	83.9
IV 1200	51.5	75.2	77.0	78.5	80.4	81.7	83.9	84.8	85.1	85.9	86.2	86.2	86.2	86.2	86.3	86.5
IV 1000	62.2	76.7	78.1	79.7	81.6	83.0	85.4	86.5	86.9	88.2	88.5	88.5	88.5	88.5	88.6	88.7
IV 900	52.4	76.5	78.6	80.2	82.3	84.0	86.3	87.6	88.1	89.4	89.9	89.9	89.9	89.9	90.0	90.1
IV 800	62.5	77.1	79.4	81.1	83.2	84.9	87.4	88.8	89.5	90.9	91.4	91.4	91.4	91.4	91.5	91.6
IV 700	62.5	77.5	80.0	81.7	83.9	85.6	88.3	89.5	90.4	91.8	92.6	92.6	92.6	92.6	92.7	92.8
IV 600	62.6	77.6	80.1	81.8	84.0	85.8	88.6	90.4	91.1	92.7	93.7	93.7	93.8	93.8	93.9	94.0
IV 500	62.6	77.7	80.3	82.3	84.5	86.3	89.2	91.4	92.0	94.0	94.9	95.1	95.2	95.3	95.4	95.5
IV 400	62.6	77.7	80.5	82.4	84.8	86.7	89.6	91.7	92.6	94.6	95.8	96.0	96.1	96.2	96.3	96.5
IV 300	62.6	77.8	80.6	82.5	85.2	87.0	89.9	92.0	92.9	94.9	96.1	96.6	96.7	96.9	97.0	97.1
IV 200	62.6	77.8	80.6	82.5	85.2	87.0	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.6	99.1	99.7
IV 100	62.6	77.8	80.6	82.5	85.2	87.0	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.6	99.1	99.7
IV 0	62.6	77.8	80.6	82.5	85.2	87.0	90.1	92.5	93.4	95.7	96.9	97.6	98.2	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LORING AFS ME

7J-70

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

127-1400
HOURS LIST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	37.5	41.7	42.7	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 20000	41.6	46.3	45.5	47.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 18000	41.9	46.7	47.1	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 16000	42.2	46.9	47.3	47.6	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 14000	44.1	49.1	49.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 12000	44.6	49.8	50.2	50.5	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 10000	46.8	52.2	52.6	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 9000	47.1	52.3	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 8000	47.6	53.1	53.7	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 7000	48.7	54.5	55.2	55.5	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 6000	49.1	55.7	56.5	56.9	57.3	57.3	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 5000	49.4	56.1	56.9	57.4	57.8	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 4500	49.4	56.1	56.9	57.4	57.9	58.1	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 4000	51.4	58.3	59.4	60.2	60.8	61.1	61.5	61.7	61.7	62.3	62.7	62.7	62.7	62.7	62.7	62.7
IV 3500	51.9	58.9	60.0	60.9	61.5	61.8	62.4	62.6	62.6	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 3000	54.0	62.4	63.4	64.3	65.4	65.8	66.6	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
IV 2500	57.4	66.6	67.7	68.9	70.1	70.5	71.5	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 2000	67.9	70.8	72.2	73.3	74.9	75.7	76.7	77.4	77.4	77.8	78.3	78.3	78.3	78.3	78.3	78.3
IV 1800	61.6	71.8	73.2	74.4	76.1	76.9	77.8	78.6	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2
IV 1500	62.8	73.4	75.1	76.3	78.3	79.2	80.5	81.6	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4
IV 1200	53.9	74.9	76.8	78.1	80.0	81.1	82.4	83.8	83.9	84.5	84.9	84.9	84.9	84.9	84.9	84.9
IV 1000	64.6	76.2	78.2	79.6	81.6	83.0	84.4	85.9	86.0	87.2	87.5	87.5	87.5	87.5	87.5	87.5
IV 900	64.6	76.5	78.5	79.9	82.0	83.7	85.2	86.7	86.8	88.2	88.5	88.5	88.5	88.5	88.5	88.5
IV 800	64.6	76.8	78.8	80.3	82.7	84.5	86.0	87.7	88.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1
IV 700	64.4	76.8	78.8	80.3	82.8	84.7	86.3	88.4	88.6	90.6	91.1	91.2	91.2	91.2	91.2	91.2
IV 600	64.7	76.9	78.9	80.4	83.0	84.9	86.6	88.7	88.9	91.0	91.6	91.7	91.9	91.9	91.9	91.9
IV 500	64.8	77.0	79.0	80.5	83.2	85.5	87.3	89.6	89.8	92.0	93.2	93.5	94.2	94.2	94.2	94.2
IV 400	64.8	77.3	79.4	81.0	84.0	86.3	88.2	90.4	90.8	93.1	94.3	94.9	95.9	96.2	96.2	96.0
IV 300	64.8	77.3	79.4	81.0	84.0	86.3	88.2	90.4	90.8	93.1	94.4	95.4	96.6	96.8	96.9	96.9
IV 200	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.3	97.5	98.7	98.3	98.3
IV 100	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.0	97.5	98.5	98.9	99.4
IV 0	64.8	77.3	79.5	81.1	84.1	86.5	88.4	90.8	91.1	93.5	95.1	96.3	97.5	98.6	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
 STATION

LORING AFB ME
 STATION NAME

7J-79
 YEARS

JAN
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	33.1	41.1	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	37.1	46.5	46.5	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 18000	37.3	46.5	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 16000	37.4	46.5	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 14000	38.7	47.7	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 12000	39.7	50.1	50.4	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 10000	42.3	53.5	53.9	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 9000	42.7	54.1	54.4	54.8	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 8000	43.8	55.9	56.3	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
IV 7000	44.9	57.6	58.1	58.5	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4
IV 6000	45.7	59.6	61.1	61.6	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 5000	46.6	60.8	61.3	61.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0
IV 4500	46.7	61.1	61.5	62.2	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2
IV 4000	47.6	62.7	63.3	64.0	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4
IV 3500	47.8	63.5	64.2	64.8	66.2	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
IV 3000	49.5	66.8	67.7	68.5	70.2	70.4	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1
IV 2500	51.9	70.8	72.3	73.0	75.1	75.3	75.6	75.9	76.0	76.3	76.3	76.3	76.3	76.3	76.3
IV 2000	53.7	73.4	75.1	76.3	78.1	78.6	79.1	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5
IV 1800	54.3	74.2	76.1	77.1	79.2	79.5	80.4	81.4	81.5	81.8	81.8	81.8	81.8	81.8	81.8
IV 1500	55.2	75.7	77.8	79.0	81.3	81.8	82.6	83.7	83.9	84.3	84.5	84.5	84.6	84.7	84.7
IV 1200	55.9	77.1	79.4	80.6	82.9	83.4	84.3	85.6	85.8	86.2	86.6	86.6	86.7	86.8	86.8
IV 1000	56.1	77.8	80.4	81.7	84.0	84.5	85.4	86.9	87.2	87.8	88.4	88.5	88.6	88.8	88.8
IV 900	56.2	78.2	80.8	82.2	84.4	84.9	86.7	88.0	88.3	89.2	89.8	89.9	90.1	90.3	90.3
IV 800	56.2	78.5	81.1	82.6	84.8	85.4	86.6	88.5	88.8	89.8	90.5	90.6	90.9	91.1	91.1
IV 700	56.2	78.6	81.7	83.3	85.6	86.1	87.4	89.4	89.7	90.9	91.7	91.8	92.0	92.3	92.3
IV 600	56.2	78.8	81.9	83.5	85.8	86.3	87.7	89.7	90.3	91.7	92.7	92.8	93.0	93.2	93.2
IV 500	56.2	79.2	82.5	84.1	86.5	87.3	88.4	90.3	91.1	92.6	94.0	94.1	94.4	94.6	94.6
IV 400	56.2	79.2	82.5	84.2	86.7	87.3	88.7	90.9	91.6	93.3	95.3	95.5	95.9	96.1	96.2
IV 300	56.2	79.2	82.5	84.2	86.8	87.4	89.1	91.3	92.0	93.8	96.0	96.2	96.7	97.2	97.5
IV 200	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.8	97.0	97.7	98.5	98.9
IV 100	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.9	97.1	97.8	98.8	99.1
IV 0	56.2	79.2	82.5	84.2	86.9	87.5	89.4	91.5	92.3	94.2	96.9	97.1	97.8	98.8	99.1

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME

STATION NAME

75-79

YEARS

JAN

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LT)

CEILING -FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	17.4	47.5	47.8	47.8	48.0	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1
≥ 20000	17.4	50.1	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6
IV 18000	17.5	50.3	50.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9
IV 16000	17.9	50.6	51.1	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2
IV 14000	18.1	51.0	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5
IV 12000	18.3	52.7	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2
IV 10000	19.1	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
IV 9000	19.1	55.5	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1
IV 8000	19.7	57.3	57.4	57.4	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
IV 7000	19.9	56.7	56.4	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
IV 6000	19.7	59.1	59.6	59.6	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
IV 5000	21.7	61.1	61.5	61.5	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0
IV 4500	21.2	61.9	62.5	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
IV 4000	21.4	64.3	65.8	65.9	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
IV 3500	21.5	66.0	67.0	67.1	67.6	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2
IV 3000	22.9	68.7	70.2	70.4	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.2	72.2
IV 2500	24.0	72.9	74.8	75.1	76.0	76.7	77.1	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.7	77.7
IV 2000	24.6	76.3	76.5	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0
IV 1800	24.6	76.6	78.7	79.0	80.1	81.0	81.4	81.9	82.3	82.4	82.5	82.5	82.5	82.5	82.6	82.6
IV 1500	25.3	78.6	80.9	81.2	82.5	83.5	84.0	84.6	85.1	85.4	85.5	85.5	85.5	85.5	85.6	85.6
IV 1200	25.4	80.4	82.4	82.7	84.1	85.4	85.8	86.5	87.0	87.4	87.5	87.5	87.5	87.5	87.6	87.6
IV 1000	25.4	80.4	82.2	83.1	84.5	86.1	86.4	87.6	88.3	88.9	89.0	89.0	89.0	89.0	89.1	89.1
IV 900	25.4	80.4	82.8	83.1	84.9	86.6	87.0	88.1	88.8	89.5	89.6	89.6	89.6	89.6	89.7	89.7
IV 800	25.4	80.9	83.2	83.5	85.5	87.1	87.6	88.8	89.8	90.4	90.5	90.5	90.5	90.6	90.8	90.8
IV 700	25.4	81.1	83.7	84.1	86.1	87.7	88.3	89.5	90.8	91.5	91.8	91.8	91.8	91.9	92.0	92.0
IV 600	25.4	81.5	84.3	84.7	86.8	88.5	89.0	90.2	91.8	92.7	93.2	93.2	93.2	93.3	93.4	93.4
IV 500	25.4	81.7	84.6	85.1	87.2	88.9	89.6	90.9	92.6	93.7	94.4	94.5	94.6	94.7	94.8	94.8
IV 400	25.4	81.3	84.9	85.5	87.6	89.4	90.1	91.5	93.3	94.6	95.6	95.7	95.9	96.1	96.2	96.2
IV 300	25.4	81.9	85.1	85.6	87.8	89.6	90.3	91.7	93.5	95.1	96.7	96.9	97.1	97.4	97.5	97.5
IV 200	25.4	81.9	85.1	85.6	86.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.6	98.9	99.0
IV 100	25.4	81.9	85.1	85.6	88.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.8	99.1	99.6
IV 0	25.4	81.9	85.1	85.6	88.0	89.8	90.8	92.2	94.1	95.8	97.4	97.6	98.3	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-25 LORING AFB ME

70-70

JAN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2320
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.4	≥.3	≥.2	≥0
NO CEILING	17.3	46.9	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.3
≥ 20000	17.8	50.6	51.5	51.7	52.0	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4
IV 18000	19.1	50.9	51.7	51.9	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
IV 16000	15.3	51.1	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8
IV 14000	10.4	51.4	52.3	52.5	52.8	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.1
IV 12000	18.5	52.3	53.3	53.2	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9
IV 10000	19.1	53.3	54.3	55.1	55.4	55.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
IV 9000	19.1	54.9	55.6	55.8	56.1	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.5
IV 8000	19.4	55.2	56.0	57.0	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.6
IV 7000	19.6	56.2	56.4	56.8	59.1	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5
IV 6600	19.9	57.3	58.9	59.4	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1
IV 5000	20.5	59.6	61.3	61.7	62.2	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.5
IV 4500	20.6	60.5	62.3	62.7	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.4
IV 4000	20.9	63.3	65.5	66.3	66.9	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
IV 3500	21.3	64.7	66.8	67.3	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 3000	22.0	67.2	69.5	70.2	71.5	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.4
IV 2500	23.1	70.1	72.5	73.5	75.1	75.4	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.5
IV 2000	24.3	73.3	76.3	77.1	78.9	79.4	80.2	80.6	80.6	80.8	80.9	80.9	80.9	80.9	80.9	81.0
IV 1800	24.3	73.5	76.2	77.3	79.2	79.8	80.6	81.1	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.4
IV 1500	24.9	75.9	78.7	80.0	82.4	83.1	84.1	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.9
IV 1200	24.9	76.3	79.1	80.4	83.1	83.9	84.8	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9
IV 1000	24.9	76.2	81.7	82.3	85.2	85.7	87.4	88.6	88.7	89.4	89.6	89.6	89.6	89.6	89.6	89.7
IV 900	25.1	78.8	81.9	83.1	86.3	87.3	88.9	90.3	90.4	91.1	91.3	91.3	91.3	91.3	91.3	91.4
IV 800	25.2	79.4	82.4	83.8	87.1	88.1	89.9	91.6	91.7	92.4	92.6	92.6	92.6	92.6	92.6	92.7
IV 700	25.2	79.8	82.6	84.0	87.3	88.3	90.3	92.0	92.3	93.0	93.3	93.3	93.3	93.3	93.3	93.4
IV 600	25.2	79.7	82.8	84.4	87.7	88.7	90.8	92.5	92.7	93.4	93.9	93.9	93.9	93.9	94.0	94.1
IV 500	25.2	80.0	83.1	84.8	88.3	89.4	91.7	93.5	93.8	94.5	95.2	95.3	95.3	95.3	95.3	95.6
IV 400	25.2	80.0	83.3	85.1	88.6	89.7	92.0	94.2	94.5	95.3	96.0	96.2	96.6	96.6	96.6	96.7
IV 300	25.2	80.0	83.3	85.1	88.8	89.8	92.3	94.5	95.2	95.9	96.8	97.0	97.4	97.4	97.4	97.5
IV 200	25.2	80.0	83.3	85.1	88.8	89.8	92.5	94.7	95.4	96.3	97.5	97.8	98.5	98.5	98.5	99.0
IV 100	25.2	80.0	83.3	85.1	88.8	89.8	92.5	94.7	95.4	96.3	97.5	97.8	98.5	98.5	98.5	99.0
IV 0	25.2	80.0	83.3	85.1	88.8	89.8	92.5	94.7	95.4	96.3	97.5	97.8	98.5	98.5	98.5	99.0

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

123 LORING AFB ME

70-79

1950

STATION

STATION NAME

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 HOURS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	24.7	45.5	45.9	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	26.7	46.5	49.1	49.3	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
IV 18000	27.1	49.0	49.5	49.7	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
IV 16000	27.2	49.2	49.7	49.9	50.2	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	27.8	50.1	50.7	50.9	51.2	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
IV 12000	28.1	51.3	51.9	52.1	52.4	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 10000	29.8	53.6	54.3	54.5	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
IV 9000	30.0	54.1	54.7	54.9	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
IV 8000	30.7	55.6	56.3	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
IV 7000	31.3	57.1	57.9	58.2	58.7	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
IV 6000	31.6	58.3	59.2	59.5	60.0	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
IV 5000	32.3	59.9	60.8	61.2	61.8	62.0	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4
IV 4500	32.5	60.7	61.6	62.0	62.6	62.8	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
IV 4000	33.4	63.2	64.4	64.9	65.7	66.0	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5
IV 3500	33.9	64.4	65.6	66.1	67.1	67.4	67.7	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 3000	34.9	67.1	68.6	69.3	70.7	71.1	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 2500	36.4	70.2	72.1	72.7	74.3	74.8	75.4	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.1
IV 2000	37.8	73.1	75.1	75.9	77.6	78.2	79.0	79.6	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0
IV 1800	38.0	73.6	75.6	76.5	78.3	79.3	79.8	80.4	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8
IV 1500	38.9	75.6	77.8	78.8	80.9	81.7	82.6	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0
IV 1200	39.3	76.6	79.0	80.1	82.2	83.1	84.1	85.0	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.9
IV 1000	39.6	77.8	80.3	81.4	83.7	84.7	85.9	87.1	87.5	88.2	88.5	88.5	88.5	88.5	88.6	88.6
IV 900	39.7	78.1	80.7	81.8	84.2	85.3	86.7	88.0	88.5	89.3	89.5	89.5	89.5	89.5	89.5	89.6
IV 800	39.7	78.6	81.2	82.4	84.9	86.1	87.5	89.0	89.6	90.5	90.8	90.9	90.9	90.9	91.0	91.0
IV 700	39.7	78.8	81.6	82.9	85.5	86.7	88.2	89.8	90.5	91.5	92.0	92.1	92.1	92.2	92.2	92.2
IV 600	39.8	79.1	82.1	83.3	86.0	87.2	88.8	90.4	91.2	92.5	93.2	93.3	93.4	93.4	93.5	93.5
IV 500	39.8	79.3	82.3	83.6	86.5	87.8	89.6	91.3	92.2	93.6	94.5	94.7	94.9	95.0	95.0	95.0
IV 400	39.8	79.4	82.4	83.9	86.8	88.2	90.1	92.0	93.0	94.4	95.5	95.9	96.2	96.3	96.3	96.4
IV 300	39.8	79.5	82.5	83.9	87.0	88.5	90.4	92.4	93.5	95.0	96.2	96.7	97.1	97.3	97.4	97.4
IV 200	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.7	98.4	99.1	99.3	99.7
IV 100	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.7	98.4	99.1	99.3	99.7
IV 0	39.8	79.5	82.5	84.0	87.1	88.6	90.7	92.7	93.9	95.6	97.1	97.7	98.4	99.1	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 7438

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

14023
STATION

LOPINS AFB ME
STATION NAME

70-79
YEAR

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1533-0201
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.01	≥.005	≥.001
NO CEILING	17.6	51.7	52.7	52.0	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	18.6	54.7	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥18000	19.6	54.1	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥6000	19.6	54.1	54.5	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥14000	19.6	54.5	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥12000	19.7	55.6	56.7	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥10000	19.7	56.6	57.7	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥9000	19.8	56.9	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥8000	19.8	58.2	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
≥7000	19.1	58.6	59.3	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥6000	19.1	59.1	59.8	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥5000	19.5	60.0	60.8	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥4500	19.5	61.8	61.5	61.5	62.3	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥4000	20.4	63.6	64.8	64.8	65.7	66.3	66.7	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥3500	20.9	65.7	67.1	67.1	68.1	68.3	68.3	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥3000	21.6	68.8	70.3	70.4	71.6	72.2	72.6	72.9	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥2500	22.1	71.2	72.8	73.3	74.8	75.4	75.9	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥2000	22.2	72.3	74.2	74.8	77.2	77.9	79.9	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥1800	22.5	73.7	74.9	75.5	77.9	78.6	79.7	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥1500	22.6	75.2	77.5	77.9	80.5	81.6	82.9	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥1200	22.7	76.4	78.8	79.2	81.9	83.1	84.6	85.9	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2
≥1000	22.7	76.7	79.1	79.7	82.7	83.9	85.3	87.6	88.5	88.9	89.4	89.4	89.5	89.6	89.6	89.6
≥900	22.7	77.0	79.3	79.9	83.0	84.2	86.1	87.8	88.8	89.1	89.6	89.6	89.7	89.8	89.8	89.8
≥800	22.7	77.4	79.8	80.4	83.7	84.9	87.1	89.1	90.1	90.7	91.3	91.4	91.5	91.7	91.7	91.7
≥700	22.7	77.7	80.0	80.7	84.3	85.6	87.8	90.1	91.3	91.8	92.4	92.7	92.8	93.0	93.0	93.0
≥600	22.7	77.9	80.3	81.1	84.8	86.1	88.3	90.8	92.4	93.0	93.7	94.7	94.1	94.3	94.3	94.3
≥500	22.7	78.3	80.9	81.8	85.9	87.4	89.7	92.3	94.0	94.6	95.3	95.7	96.3	96.6	96.6	96.6
≥400	22.7	78.1	81.1	82.0	86.4	87.9	90.3	93.0	94.8	95.5	96.3	96.9	97.6	97.9	97.9	97.9
≥300	22.7	78.4	81.3	82.3	86.6	88.2	90.5	93.4	95.2	96.0	96.8	97.4	98.1	98.6	98.6	98.6
≥200	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.1	99.6	99.6	99.6
≥100	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.2	99.8	99.8	99.8
≥0	22.7	78.4	81.3	82.3	86.8	88.4	90.9	93.9	95.7	96.6	97.4	98.0	99.2	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

FEDERAL CLIMATOLOGY BRANCH
 JOPLIN ETAC
 414 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14223 STATION LORING AFB ME

75-79 YEAR

557

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2300-3500
 1004.11

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.9	≥.8	≥.7	≥.6	≥.5	≥0
NO CEILING	15.2	47.9	48.0	48.6	48.8	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
IV 20000	16.1	50.7	51.7	51.4	51.7	51.9	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0
IV 18000	16.1	50.9	51.7	51.7	51.9	52.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
IV 16000	16.1	50.9	51.7	51.7	51.9	52.1	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2
IV 14000	16.3	51.9	52.7	52.2	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
IV 12000	16.3	52.3	53.3	53.2	53.4	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8
IV 10000	16.3	53.3	54.1	54.1	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
IV 9000	16.3	53.3	54.1	54.1	54.4	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7
IV 8000	16.7	54.7	55.6	55.6	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
IV 7000	16.7	55.7	56.5	56.5	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2
IV 6000	16.7	55.8	56.6	56.7	57.2	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
IV 5000	16.7	57.3	58.2	58.3	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
IV 4500	17.1	57.3	58.9	59.1	59.9	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
IV 4000	17.6	60.4	61.6	62.1	63.1	63.2	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
IV 3500	18.4	61.8	63.4	63.8	64.9	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5
IV 3000	19.3	64.9	66.7	67.3	68.8	69.0	69.4	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.9
IV 2500	19.9	67.7	70.1	70.6	72.7	72.9	73.3	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.9
IV 2000	20.3	70.6	73.2	74.0	77.0	77.3	77.6	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5
IV 1800	20.4	71.0	73.9	74.7	77.7	78.1	78.5	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.3
IV 1500	20.6	72.1	75.2	76.1	79.6	80.3	81.1	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9
IV 1200	20.7	72.8	76.1	77.0	80.9	81.8	82.9	83.7	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.6
IV 1000	20.7	73.2	76.1	77.7	82.2	83.1	84.4	85.5	85.9	86.2	86.2	86.4	86.4	86.4	86.4	86.5
IV 900	20.7	73.9	77.0	78.1	82.7	83.7	85.0	86.3	87.0	87.2	87.2	87.2	87.5	87.5	87.5	87.6
IV 800	20.7	74.1	77.7	78.6	83.5	84.4	85.8	87.2	88.2	88.4	88.4	88.4	88.7	88.7	88.7	88.8
IV 700	20.7	74.3	78.1	79.4	84.2	85.1	86.9	88.5	89.7	90.0	90.2	90.4	90.4	90.4	90.4	90.5
IV 600	20.7	74.6	78.6	79.9	84.8	85.7	87.5	89.2	90.8	91.3	91.5	91.7	91.8	91.8	91.8	92.0
IV 500	20.7	74.9	79.3	80.7	85.8	86.8	88.5	90.7	92.2	92.6	93.0	93.6	93.9	94.0	94.0	94.1
IV 400	20.7	75.3	79.8	81.3	86.4	87.4	89.2	91.7	93.5	94.2	94.6	95.2	95.4	95.5	95.5	95.6
IV 300	20.7	75.4	80.1	81.8	86.9	87.9	89.8	92.4	94.3	95.0	95.6	96.2	96.6	96.8	96.8	96.9
IV 200	20.7	75.4	80.1	81.9	87.3	88.1	90.2	93.1	95.2	96.0	96.7	97.4	98.1	98.5	98.5	98.6
IV 100	20.7	75.4	80.1	81.9	87.3	88.1	90.2	93.1	95.2	96.0	96.8	97.6	98.7	99.2	99.2	99.4
IV 0	20.7	75.4	80.1	81.9	87.0	88.1	90.2	93.1	95.2	96.0	96.8	97.6	98.7	99.2	99.3	99.7

TOTAL NUMBER OF OBSERVATIONS 846

FEDERAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-1922 DURING AFB ME

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

600-0800
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	
NO CEILING	39.5	42.5	43.1	43.3	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0	44.1
≥20000	31.5	45.8	47.2	47.3	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.3	48.1
≥18000	32.4	45.3	45.3	45.5	45.7	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.3
≥16000	32.5	45.2	45.6	45.7	45.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.5
≥14000	33.5	49.1	49.4	49.5	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.4
≥12000	34.8	50.9	51.3	51.4	51.7	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.1	52.2
≥10000	35.2	53.3	53.8	53.9	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.3	55.0
≥9000	35.4	53.7	54.1	54.3	54.6	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.3
≥8000	37.2	54.8	55.4	55.4	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5
≥7000	38.7	57.1	57.5	57.7	58.2	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	59.0
≥6000	39.7	58.4	59.1	59.2	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.5
≥5000	40.4	60.2	61.9	61.1	61.7	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9
≥4500	40.5	61.5	61.3	61.5	62.2	62.8	63.0	63.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4
≥4000	41.5	63.4	64.4	64.6	65.5	66.1	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.7
≥3500	42.4	65.4	66.5	67.2	67.7	68.4	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	69.0
≥3000	42.3	67.0	68.6	69.3	70.2	71.0	71.3	71.4	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.9	72.0
≥2500	43.5	69.4	71.5	72.1	73.5	74.5	74.9	75.3	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.9
≥2000	44.1	71.9	74.1	74.9	76.8	78.1	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.7
≥1800	44.3	72.5	74.5	75.7	77.5	78.8	79.2	79.7	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.4
≥1500	44.3	73.5	76.7	76.8	79.3	80.6	81.1	81.5	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.7
≥1200	44.3	73.9	76.5	77.3	79.9	81.5	82.5	83.5	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.8	84.9
≥1000	44.9	74.5	77.5	78.1	81.3	83.2	84.5	85.8	86.4	87.1	87.4	87.4	87.4	87.4	87.4	87.6	87.7
≥900	45.0	75.1	77.9	78.7	82.5	83.9	85.3	86.6	87.2	87.9	88.2	88.2	88.2	88.2	88.2	88.4	88.5
≥800	45.0	75.3	78.1	79.1	82.4	84.4	85.8	87.2	88.3	89.0	89.2	89.2	89.2	89.2	89.4	89.4	89.7
≥700	45.3	75.9	79.0	79.9	83.2	85.0	87.1	88.8	89.1	90.9	91.1	91.3	91.4	91.4	91.4	91.6	91.7
≥600	45.4	76.3	79.2	80.1	83.8	86.1	87.7	89.4	90.9	91.7	92.7	92.1	92.2	92.2	92.2	92.5	92.7
≥500	45.4	76.8	80.7	81.3	85.0	87.2	88.9	90.8	92.3	93.1	93.5	93.6	93.7	93.7	93.7	94.2	94.3
≥400	45.4	77.0	80.5	81.8	85.5	87.9	89.7	91.5	93.1	94.1	94.6	94.9	95.0	95.0	95.0	95.5	95.6
≥300	45.4	77.3	80.7	81.9	85.8	88.2	90.0	92.1	93.7	94.9	95.5	96.1	96.3	96.6	97.0	97.2	97.2
≥200	45.4	77.3	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.6	96.5	97.3	98.1	98.5	98.9	99.1	99.1
≥100	45.4	77.3	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.9	96.7	97.5	98.7	99.2	99.6	99.8	99.8
≥0	45.4	77.3	80.7	81.9	85.8	88.2	90.0	92.2	94.3	95.9	96.7	97.5	98.7	99.3	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

U.S. AIR FORCE CLIMATOLOGY BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

14-23
STATION

LOPING AFB ME

70-79

FEET
FOOT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	44.9	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 20000	43.1	43.7	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 18000	44.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 16000	44.6	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	50.6	50.6
IV 14000	45.6	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 12000	46.6	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 10000	48.7	55.1	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 9000	49.2	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	56.1
IV 8000	49.8	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 7000	52.2	60.5	61.3	61.3	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 6000	52.6	61.1	61.9	62.1	62.4	62.5	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 5000	53.7	62.3	63.2	63.4	63.8	64.1	64.3	64.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 4500	54.5	63.2	64.2	64.3	64.9	65.1	65.6	65.6	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4000	55.3	65.1	66.2	66.3	67.7	68.2	68.6	68.8	68.9	69.1	69.3	69.3	69.3	69.3	69.3	69.3
IV 3500	56.5	66.4	67.5	67.7	69.1	69.9	70.4	70.4	70.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0
IV 3000	58.0	68.4	69.7	70.1	71.7	72.7	73.3	73.5	73.6	74.0	74.1	74.1	74.1	74.1	74.1	74.1
IV 2500	60.4	71.3	72.6	73.0	74.9	75.1	76.8	77.3	77.4	77.9	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	61.2	73.3	74.4	75.5	77.5	79.7	80.5	81.2	81.4	82.2	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	61.7	74.1	75.0	76.7	78.7	80.9	81.7	82.5	82.7	83.5	83.6	83.6	83.6	83.6	83.6	83.6
IV 1500	61.9	74.9	77.1	77.7	79.9	82.3	83.3	84.5	85.0	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 1200	62.2	75.7	77.7	78.4	80.7	83.1	84.3	85.5	85.9	86.6	86.8	86.8	86.8	86.8	86.8	86.8
IV 1000	62.6	76.5	79.1	79.8	82.9	85.3	85.8	86.1	86.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8
IV 900	62.8	77.1	79.3	80.0	83.1	85.6	87.0	88.3	88.9	89.8	90.1	90.1	90.1	90.1	90.1	90.1
IV 800	62.8	77.3	79.3	80.6	83.7	86.5	87.9	89.2	90.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 700	63.0	77.8	80.0	81.6	84.6	87.7	89.2	91.3	92.0	92.9	93.3	93.3	93.3	93.3	93.3	93.3
IV 600	63.2	78.4	81.1	82.2	85.2	88.4	90.1	92.7	93.5	94.4	95.7	95.3	95.3	95.3	95.3	95.3
IV 500	63.2	78.5	81.2	82.6	85.8	89.2	90.9	93.5	94.3	95.3	96.7	96.9	96.9	96.9	96.9	96.9
IV 400	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.0	94.8	95.2	96.9	96.9	96.9	96.9	96.9	96.9
IV 300	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.0	94.8	95.2	96.9	96.9	96.9	96.9	96.9	96.9
IV 200	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3
IV 0	63.2	78.5	81.2	82.7	85.9	89.4	91.0	94.1	95.2	97.2	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

70-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	37.2	40.1	40.7	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	41.1	43.1	43.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 18000	42.2	45.2	45.7	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	42.7	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 14000	43.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 12000	45.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	47.4	50.7	50.7	50.7	50.8	50.8	50.9	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 9000	47.9	51.3	51.3	51.4	51.5	51.5	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 8000	49.8	53.9	53.9	54.0	54.1	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 7000	52.1	56.5	56.6	56.7	57.0	57.0	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 6000	52.7	57.2	57.3	57.4	58.0	58.0	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 5000	53.9	59.0	59.3	59.5	61.2	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4500	54.1	59.5	59.8	59.9	61.8	61.9	61.8	61.7	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 4000	55.4	62.9	63.6	63.6	64.9	65.3	65.5	66.4	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	57.4	64.5	65.5	65.5	67.1	67.3	67.6	67.7	67.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 3000	60.4	66.2	69.3	70.1	71.6	72.1	73.7	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 2500	61.3	70.4	71.9	72.7	74.3	74.9	76.2	77.3	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2000	64.1	74.5	76.3	77.0	78.8	79.4	81.0	82.2	82.3	82.9	83.7	83.1	83.1	83.1	83.1	83.1
≥ 1800	64.1	74.6	76.1	77.2	79.3	79.9	81.4	82.6	82.7	83.3	83.5	83.6	83.6	83.6	83.6	83.6
≥ 1500	64.9	76.1	77.8	78.8	81.4	82.2	83.8	85.1	85.3	86.1	86.3	86.5	86.5	86.5	86.5	86.5
≥ 1200	65.7	76.4	78.3	79.4	82.0	83.3	84.6	86.1	86.3	87.0	87.2	87.5	87.5	87.5	87.5	87.5
≥ 1000	65.5	77.2	79.2	80.4	83.6	84.6	86.3	87.7	87.9	88.7	89.0	89.5	89.6	89.6	89.6	89.6
≥ 900	65.7	77.5	79.6	80.9	84.2	85.2	86.9	88.3	88.5	89.4	89.7	90.2	90.3	90.3	90.3	90.3
≥ 800	65.8	78.3	80.4	81.6	85.3	86.9	88.5	90.5	90.8	91.5	92.4	92.9	93.1	93.1	93.1	93.1
≥ 700	65.8	78.5	80.6	82.2	85.8	87.4	89.1	91.1	91.4	92.4	93.4	93.9	94.1	94.1	94.1	94.1
≥ 600	65.3	78.5	80.9	82.4	86.1	87.6	89.5	91.8	92.1	93.3	94.4	94.9	95.3	95.4	95.4	95.4
≥ 500	65.8	78.7	81.0	82.7	86.4	87.9	90.2	92.6	92.8	94.2	95.5	96.1	96.7	97.0	97.0	97.0
≥ 400	65.8	78.8	81.1	82.9	86.8	88.3	90.5	93.0	93.4	94.9	96.3	96.9	97.5	98.2	98.2	98.2
≥ 300	65.8	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.7	95.4	96.8	97.6	98.5	98.9	99.1	99.1
≥ 200	65.8	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.8	99.8
≥ 100	65.8	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.8	99.8
≥ 0	65.8	78.8	81.1	82.9	86.8	88.4	90.9	93.4	93.9	95.5	97.0	98.0	98.8	99.4	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
 WASHINGTON
 AIR WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

13 LPTIC AF ME 7-79 15-2-1700
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
NO CEILING	38.8	40.2	42.7	43.3	42.4	42.4	42.8	42.5	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 20000	47.1	46.1	45.8	46.1	45.2	45.2	45.5	45.8	45.5	46.5	45.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	42.8	46.8	45.8	45.9	47.7	47.1	47.8	47.4	47.4	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 15000	43.1	47.1	47.1	47.2	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 14000	43.7	47.8	47.8	47.9	48.1	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	45.5	49.9	50.1	50.1	50.5	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 10000	48.3	50.9	51.1	51.2	51.5	51.7	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	47.4	51.9	52.1	52.1	52.5	52.6	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 8000	49.3	54.5	54.9	54.7	55.2	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 7000	51.1	55.5	55.9	56.0	56.5	56.7	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	52.4	57.2	57.3	57.4	58.2	58.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 5000	53.5	58.9	59.1	59.1	59.9	60.4	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	54.5	59.9	60.1	60.2	61.1	61.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 4000	57.1	63.5	63.7	63.8	65.1	65.3	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 3500	58.1	64.5	64.7	64.8	66.3	66.7	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 3000	61.5	69.9	70.1	70.3	72.0	72.5	73.9	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 2500	63.4	72.5	72.7	73.0	75.1	75.3	77.3	77.6	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 2000	64.5	74.2	74.4	75.1	77.1	78.6	80.1	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 1800	64.7	74.7	75.1	75.7	78.0	79.2	80.7	81.8	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1500	64.9	75.5	75.7	77.1	79.6	81.0	82.6	83.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1200	65.1	76.1	76.5	77.7	80.4	81.9	83.9	85.1	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1000	65.2	76.6	77.3	78.7	81.6	83.1	85.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 900	65.4	76.8	77.5	79.1	81.8	83.7	85.8	87.2	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 800	65.4	77.2	78.1	79.4	82.5	84.4	86.5	88.1	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 700	65.4	77.3	78.1	79.6	82.7	84.6	86.9	88.7	89.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	65.4	77.4	78.6	80.3	83.5	85.3	87.7	89.5	90.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 500	65.4	77.4	79.1	80.5	84.2	86.2	88.7	90.7	91.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 400	65.4	77.5	79.1	80.7	84.3	86.6	89.1	91.3	92.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	65.4	77.5	79.1	80.7	84.6	87.1	89.6	91.7	93.0	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 200	65.4	77.5	79.1	80.7	84.6	87.1	89.6	91.7	93.1	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	65.4	77.5	79.1	80.7	84.6	87.2	89.7	91.8	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9
U	65.4	77.5	79.1	80.7	84.8	87.2	89.7	91.8	93.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9

TOTAL NUMBER OF OBSERVATIONS 345

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

70-79

FEE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2400
 HOURS (ST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	19.6	51.9	52.1	52.1	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 20000	20.7	53.5	53.8	53.8	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
IV 18000	20.2	54.1	54.3	54.3	54.6	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 16000	20.2	54.7	54.3	54.3	54.6	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 14000	20.7	55.3	55.6	55.6	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
IV 12000	20.8	56.1	56.4	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 10000	20.8	56.8	56.9	56.9	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 9000	20.8	56.9	57.1	57.1	57.4	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000	21.2	58.5	58.7	58.7	59.1	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 7000	21.3	59.2	60.2	60.2	60.6	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 6000	21.5	61.1	61.5	61.5	61.9	62.2	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 5000	21.9	62.5	63.1	63.1	63.6	63.9	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 4500	21.9	63.1	63.7	63.7	64.1	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
IV 4000	23.2	67.0	67.7	67.8	68.1	68.7	68.7	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
IV 3500	24.0	69.7	70.6	70.7	71.5	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
IV 3000	25.3	72.9	74.0	74.3	75.7	76.0	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 2500	25.8	74.9	76.1	76.5	78.5	79.0	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
IV 2000	26.2	77.1	78.6	79.1	81.1	81.7	81.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1800	26.2	77.3	79.2	79.3	81.3	81.9	82.2	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 1500	26.6	78.7	80.6	81.3	83.5	84.1	85.3	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 1200	26.6	79.2	81.2	82.0	84.5	85.1	86.5	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IV 1000	26.6	79.6	81.7	82.5	85.5	86.1	87.8	88.7	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4
IV 900	26.6	79.6	81.8	82.5	85.7	86.3	88.1	89.0	90.3	90.5	91.0	91.0	91.0	91.0	91.0	91.0
IV 800	26.6	79.9	82.3	83.1	86.4	87.0	89.0	90.2	91.5	91.8	92.4	92.4	92.4	92.4	92.4	92.4
IV 700	26.6	80.3	82.7	83.7	87.1	88.5	89.8	91.3	93.1	93.6	94.2	94.2	94.3	94.3	94.3	94.3
IV 600	26.6	80.3	83.0	83.9	87.5	88.9	90.2	91.7	93.7	94.3	95.0	95.0	95.0	95.2	95.2	95.2
IV 500	26.6	80.3	83.1	84.3	88.1	89.5	91.0	92.8	94.9	95.7	96.6	96.6	96.6	96.7	96.7	96.7
IV 400	26.6	80.4	83.2	84.0	88.8	90.3	92.0	93.7	96.0	96.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 300	26.6	80.4	83.2	84.6	89.9	90.4	92.1	94.0	96.3	97.3	98.2	98.2	98.5	98.8	98.8	98.8
IV 200	26.6	80.4	83.2	84.6	89.0	90.5	92.2	94.1	96.6	97.6	98.7	98.7	98.8	99.2	99.5	99.6
IV 100	26.6	80.4	83.2	84.6	89.1	90.7	92.3	94.2	96.7	97.8	98.8	98.8	98.9	99.5	99.9	100.0
IV 0	26.6	80.4	83.2	84.6	89.1	90.7	92.3	94.2	96.7	97.8	98.8	98.8	98.9	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14 23 LOPING AFB ME

74-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2107-2306
 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	18.7	53.3	53.8	53.8	54.0	54.3	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 20000	19.7	55.2	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 18000	19.7	55.4	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
IV 16000	19.9	55.6	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 14000	19.9	55.9	56.5	56.6	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1
IV 12000	20.0	56.4	57.0	57.1	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 10000	20.2	57.1	57.8	58.0	58.3	58.3	58.3	58.3	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5
IV 9000	20.2	57.3	58.0	58.3	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 8000	20.4	57.9	58.6	59.0	59.2	59.2	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
IV 7000	20.4	58.9	59.7	60.0	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
IV 6000	20.4	59.2	60.0	60.4	60.6	60.6	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 5000	20.8	60.3	61.5	61.8	62.3	62.3	62.3	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5
IV 4500	20.8	61.6	62.6	63.0	63.5	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 4000	22.3	65.2	66.4	67.1	68.0	68.1	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IV 3500	22.8	67.6	68.9	69.5	70.7	70.8	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
IV 3000	22.9	70.1	71.6	72.2	74.1	74.2	74.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2500	23.5	71.6	73.3	73.9	75.0	76.1	76.7	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
IV 2000	23.8	72.8	74.9	75.5	73.3	78.5	79.3	80.0	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 1800	23.9	73.4	75.7	76.2	79.0	79.2	80.1	81.0	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	24.1	76.5	79.0	79.7	82.5	83.0	84.3	85.5	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 1200	24.1	77.8	80.4	81.1	84.2	84.6	85.9	87.2	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2
IV 1000	24.1	78.7	81.4	82.2	85.3	85.9	87.6	89.0	89.5	90.3	90.4	90.4	90.4	90.4	90.4	90.4
IV 900	24.1	79.1	81.8	82.5	85.7	86.5	88.2	89.6	90.1	90.9	91.0	91.0	91.0	91.0	91.0	91.0
IV 800	24.1	79.7	82.4	83.1	86.3	87.1	88.8	90.4	91.3	92.1	92.6	92.6	92.6	92.6	92.6	92.6
IV 700	24.1	80.0	82.9	83.6	86.9	87.8	89.5	91.3	92.1	92.9	93.5	93.7	93.7	93.9	93.9	93.9
IV 600	24.1	80.0	82.9	83.6	87.1	88.1	89.7	91.8	92.7	93.6	94.2	94.4	94.4	94.6	94.6	94.6
IV 500	24.1	80.0	83.1	83.8	87.5	88.5	90.4	93.1	94.1	95.2	96.1	96.3	96.6	96.7	96.7	96.7
IV 400	24.1	80.3	83.5	84.3	88.3	89.4	91.4	94.2	95.4	96.5	97.5	97.8	98.0	98.1	98.1	98.1
IV 300	24.1	80.3	83.5	84.3	88.3	89.4	91.5	94.3	95.7	96.9	98.0	98.2	98.6	98.7	98.7	98.7
IV 200	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	96.3	97.5	98.6	98.8	98.6	99.6	99.8	99.8
IV 100	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	96.3	97.5	98.6	98.8	98.8	99.4	99.6	99.8
IV 0	24.1	80.3	83.5	84.4	88.8	89.8	92.0	94.8	96.3	97.5	98.6	98.8	98.8	99.4	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 2106

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 131

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	27.1	46.2	47.1	47.2	47.4	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 20000	26.9	49.7	50.1	50.1	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
IV 18000	29.5	50.6	51.9	51.3	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
IV 16000	29.7	50.7	51.1	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6
IV 14000	31.2	51.5	51.8	51.9	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 12000	31.1	52.9	53.3	53.3	53.5	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 10000	31.8	54.2	54.7	54.7	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
IV 9000	32.1	54.6	55.1	55.1	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
IV 8000	33.3	56.2	56.6	56.7	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 7000	34.3	57.8	58.4	58.5	58.9	59.3	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
IV 6000	34.4	58.6	59.2	59.3	59.8	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV 5000	35.4	60.1	60.7	60.9	61.5	61.7	61.9	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.2
IV 4500	35.4	61.2	61.5	61.7	62.4	62.6	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.2
IV 4000	36.2	63.9	64.8	65.1	66.1	66.4	66.7	66.9	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
IV 3500	37.6	65.7	66.8	67.1	68.2	68.5	68.9	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4
IV 3000	39.1	66.8	70.7	70.5	72.0	72.5	73.0	73.4	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8
IV 2500	45.1	71.1	72.6	73.1	75.0	75.6	76.3	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2
IV 2000	42.2	73.3	75.1	75.7	78.0	78.9	79.8	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 1800	41.0	73.8	75.7	76.4	78.7	79.6	80.5	81.2	81.5	81.8	81.8	81.9	81.9	81.9	81.9	81.9
IV 1500	41.3	75.3	77.3	78.2	80.7	81.9	83.1	84.0	84.4	84.8	84.8	84.9	84.9	84.9	84.9	85.0
IV 1200	41.4	76.0	78.1	79.3	81.8	83.1	84.4	85.5	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8
IV 1000	41.6	76.7	78.9	79.9	83.1	84.5	86.1	87.4	88.0	88.7	88.9	89.1	89.2	89.2	89.2	89.2
IV 900	41.6	77.1	79.3	80.2	83.5	85.0	86.5	87.9	88.6	89.3	89.6	89.7	89.8	89.8	89.8	89.9
IV 800	41.6	77.4	79.8	80.8	84.2	85.8	87.4	89.1	89.9	90.6	91.1	91.3	91.4	91.4	91.4	91.5
IV 700	41.7	77.7	81.7	81.3	84.9	86.5	88.3	90.1	91.1	92.0	92.5	92.7	92.9	92.9	93.0	93.0
IV 600	41.7	77.9	80.6	81.7	85.3	87.3	88.8	90.9	92.1	93.0	93.7	93.9	94.1	94.2	94.2	94.3
IV 500	41.7	78.1	81.0	82.2	86.1	87.9	89.8	92.1	93.3	94.4	95.2	95.5	95.8	96.0	96.0	96.1
IV 400	41.8	78.2	81.2	82.6	86.6	88.4	90.4	92.8	94.2	95.4	96.3	96.7	97.1	97.3	97.4	97.4
IV 300	41.8	78.3	81.3	82.7	86.7	88.6	90.7	93.2	94.6	96.0	97.1	97.4	97.9	98.2	98.3	98.3
IV 200	41.8	78.3	81.3	82.7	86.6	88.7	90.8	93.4	95.0	96.5	97.5	98.1	98.8	99.2	99.3	99.4
IV 100	41.8	78.3	81.3	82.7	86.9	88.8	90.9	93.4	95.1	96.5	97.7	98.2	99.1	99.5	99.7	99.8
IV 0	41.8	78.3	81.3	82.7	86.9	88.8	90.9	93.4	95.1	96.5	97.7	98.2	99.1	99.5	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 6768

SERIAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23
 STATION

LOPING AFB ME
 STATION NAME

7-79
 YEARS

MAP
 NORTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0000
 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	≥0
NO CEILING	16.3	46.3	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 20000	16.3	46.3	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 18000	16.3	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 16000	17.7	48.6	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 14000	17.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 12000	17.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 10000	18.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 9000	18.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 8000	20.7	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 7000	20.4	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 6000	20.3	58.6	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 5000	21.2	58.3	61.6	61.6	61.6	61.6	61.6	61.6	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4
IV 4500	21.4	60.9	61.2	61.3	61.4	61.4	61.4	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9
IV 4000	22.2	63.5	63.9	64.0	64.3	64.3	64.3	64.3	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
IV 3500	22.5	65.3	65.9	66.0	66.3	66.3	66.3	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.0
IV 3000	23.4	68.9	69.6	69.9	70.2	70.2	70.2	70.2	70.5	70.6	70.9	70.9	70.9	70.9	71.0	71.1
IV 2500	24.1	71.5	72.7	72.9	73.4	73.4	73.4	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.6	74.7
IV 2000	24.3	74.1	75.3	76.0	77.0	77.0	77.0	77.3	77.7	78.1	78.1	78.1	78.1	78.1	78.2	78.3
IV 1800	25.1	75.1	76.9	77.1	78.2	78.3	78.6	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.7
IV 1500	25.7	76.7	78.9	79.4	80.8	81.1	81.6	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2
IV 1200	25.9	77.8	81.1	81.8	82.4	82.8	83.3	84.4	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.3
IV 1000	26.0	78.5	81.7	81.6	83.4	83.9	84.6	86.3	87.0	87.3	87.3	87.4	87.4	87.4	87.5	87.6
IV 900	26.0	78.5	81.0	81.6	83.4	84.0	84.9	86.3	87.3	87.6	87.7	87.8	87.8	88.0	88.0	88.1
IV 800	26.1	79.1	81.6	82.3	84.2	84.8	86.7	87.6	88.9	89.6	89.7	89.9	90.0	90.1	90.1	90.2
IV 700	26.1	79.8	81.9	82.6	84.5	85.3	86.5	88.1	89.4	90.1	90.2	90.4	90.5	90.6	90.6	90.8
IV 600	26.2	79.7	82.3	82.9	84.9	85.8	87.3	88.9	90.2	91.1	91.2	91.4	91.5	91.6	91.6	91.7
IV 500	26.3	80.4	83.1	83.9	85.9	87.0	88.5	90.4	91.7	92.9	93.2	93.4	93.5	93.8	93.8	93.9
IV 400	26.3	80.9	83.4	84.2	86.6	87.8	89.5	91.4	92.8	94.2	94.9	95.2	95.2	95.5	95.5	95.6
IV 300	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.2	96.0	97.3	97.6	98.0	98.6	98.7	98.8
IV 200	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.3	96.1	97.6	98.1	98.6	99.6	99.8	100.0
IV 100	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.3	96.1	97.6	98.1	98.6	99.6	99.8	100.0
IV 0	26.3	80.6	83.7	84.4	87.2	88.5	90.3	92.5	94.3	96.1	97.6	98.1	98.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFSTAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4 23 LORING AFB ME

70-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-0500
 HOURS EST

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3
NO CEILING	17.4	46.5	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.4	47.4	47.4
≥ 20000	18.0	48.5	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.1	49.1	49.1
IV 18000	18.6	48.6	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.2	49.2	49.2
IV 16000	18.7	48.7	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.4	49.4	49.4
IV 14000	18.2	49.1	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.3	49.3	49.3
IV 12000	18.3	49.3	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	50.1	50.1	50.1
IV 10000	18.6	50.0	50.2	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.6
IV 9000	18.6	50.2	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.9	50.9	50.9
IV 8000	19.4	51.9	52.2	52.2	52.2	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.7	52.7	52.7
IV 7000	19.4	52.7	52.9	52.9	52.9	52.9	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.4	53.4	53.4
IV 6000	21.1	55.2	55.4	55.4	55.4	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.9	55.9	55.9
IV 5000	21.5	58.1	58.2	58.2	58.2	58.2	58.3	58.4	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7
IV 4500	21.7	58.5	58.7	58.8	58.9	58.9	59.0	59.1	59.1	59.1	59.2	59.2	59.2	59.5	59.5	59.6
IV 4000	22.7	61.3	61.4	61.5	61.7	61.8	61.9	62.3	62.3	62.3	62.4	62.4	62.4	62.6	62.6	62.7
IV 3500	23.5	63.7	63.9	64.3	64.3	64.4	64.5	64.8	64.8	64.8	64.9	64.9	64.9	65.2	65.2	65.3
IV 3000	24.4	66.5	66.0	67.3	67.4	67.5	67.6	68.1	68.1	68.1	68.2	68.2	68.2	68.5	68.5	68.6
IV 2500	25.3	69.5	70.2	70.4	70.9	71.0	71.3	71.7	71.7	71.7	71.9	71.9	71.9	72.3	72.3	72.4
IV 2000	25.6	72.4	73.3	73.8	74.3	74.4	74.7	75.3	75.3	75.4	75.6	75.6	75.6	75.9	75.9	76.0
IV 1800	25.8	72.9	74.1	74.4	75.4	75.5	75.8	76.3	76.3	76.5	76.7	76.7	76.7	77.0	77.0	77.1
IV 1500	26.1	74.5	76.1	76.7	78.4	78.5	79.1	80.0	80.3	80.4	80.5	80.5	80.6	81.0	81.0	81.1
IV 1200	26.3	75.7	77.3	77.8	79.9	81.1	81.0	82.2	82.6	82.7	82.9	82.9	82.9	83.2	83.2	83.3
IV 1000	26.3	76.2	78.1	78.6	80.6	81.0	82.2	83.3	84.1	84.2	84.4	84.4	84.4	84.7	84.7	84.8
IV 900	26.3	76.3	78.3	78.9	81.2	81.5	82.7	84.0	84.7	84.8	85.1	85.1	85.1	85.4	85.4	85.5
IV 800	26.6	77.2	79.1	79.8	82.6	83.3	84.4	85.8	87.1	87.2	87.4	87.4	87.5	87.8	87.8	88.0
IV 700	26.6	77.4	79.3	80.2	83.1	83.7	85.2	86.8	88.3	88.4	88.8	88.8	88.9	89.0	89.4	89.5
IV 600	26.6	78.1	80.2	80.9	83.8	84.3	85.8	87.5	89.0	89.4	89.8	89.8	89.9	90.3	90.3	90.4
IV 500	26.7	78.4	80.5	81.3	84.5	85.1	86.9	88.9	90.6	91.2	92.2	92.2	92.3	92.4	92.7	92.8
IV 400	26.7	78.5	80.9	81.7	85.2	85.8	87.6	90.0	91.8	92.6	93.5	93.6	93.6	94.2	94.2	94.3
IV 300	26.7	78.5	81.4	82.5	86.1	87.0	89.1	91.4	93.5	94.4	95.5	95.5	95.7	96.3	96.3	96.5
IV 200	26.7	78.6	81.5	82.6	86.6	87.4	89.8	92.2	94.4	95.7	96.9	97.3	97.7	98.5	98.5	98.6
IV 100	26.7	78.6	81.5	82.7	86.7	87.5	89.9	92.5	94.6	96.1	97.4	97.8	98.3	99.8	99.8	99.9
IV 0	26.7	78.6	81.5	82.7	86.7	87.5	89.9	92.5	94.8	96.1	97.4	97.8	98.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CLIMATE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

75-79

MAP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3600-7800
 HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.016	≥.01	≥0
NO CEILING	38.3	42.4	42.7	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 20000	42.2	45.5	46.8	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
IV 18000	42.5	46.8	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 16000	42.5	46.8	47.1	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 14000	43.2	47.4	48.0	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 12000	44.0	48.4	48.7	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
IV 10000	45.1	49.6	49.9	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 9000	45.7	50.9	50.9	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
IV 8000	47.3	52.8	53.3	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 7000	48.1	53.7	54.2	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 6000	48.8	54.3	54.8	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 5000	50.7	56.8	57.1	57.4	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 4500	51.4	56.9	57.4	58.0	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 4000	52.5	60.0	60.8	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
IV 3500	53.3	61.1	61.9	62.5	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 3000	56.0	64.4	65.3	65.8	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 2500	58.5	67.7	68.8	69.5	71.0	71.4	71.8	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
IV 2000	60.2	70.1	71.2	71.9	73.9	74.5	75.1	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 1800	60.9	71.1	72.3	73.0	75.1	75.7	76.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 1500	61.3	71.9	73.2	74.3	76.7	77.6	78.6	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
IV 1200	61.6	72.4	73.8	74.8	77.3	78.5	80.0	80.9	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6
IV 1000	62.1	73.1	74.8	75.9	78.6	80.3	81.5	82.7	83.0	83.3	83.7	83.8	83.8	83.9	83.9	84.1
IV 900	62.3	73.5	75.6	76.7	79.4	80.9	82.4	83.9	84.3	84.7	85.1	85.2	85.2	85.3	85.3	85.5
IV 800	62.3	74.3	76.1	77.3	80.3	81.9	83.5	85.2	85.6	86.2	86.9	87.2	87.7	87.1	87.1	87.3
IV 700	62.4	75.3	77.5	79.0	82.3	83.9	85.5	87.1	87.5	88.4	89.1	89.2	89.2	89.4	89.4	89.6
IV 600	62.4	75.4	77.7	79.2	82.7	84.3	85.9	88.0	88.4	89.5	90.3	90.4	90.4	90.5	90.5	90.8
IV 500	62.5	76.0	78.4	79.9	83.3	85.1	86.7	88.8	89.2	90.4	91.0	91.8	91.8	91.9	91.9	92.2
IV 400	62.5	76.0	78.4	80.0	83.4	85.2	86.8	88.9	89.4	90.8	92.5	92.9	92.9	93.0	93.1	93.3
IV 300	62.7	76.5	78.8	80.4	83.9	85.7	87.4	89.8	90.3	91.8	94.2	94.7	94.9	95.1	95.2	95.4
IV 200	62.7	76.5	78.8	80.5	84.3	86.3	88.1	90.4	91.1	92.8	95.5	96.1	96.8	97.5	98.5	98.6
IV 100	62.7	76.5	78.8	80.5	84.3	86.3	88.2	90.9	91.5	93.3	96.1	96.8	97.5	98.5	98.6	99.2
IV 0	62.7	76.5	78.8	80.5	84.3	86.3	88.2	90.9	91.5	93.3	96.1	96.8	97.5	98.7	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
 STATION

LORING AFB ME

STATION NAME

70-79

YEARS

MAP

900-1100
 HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	37.6	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 20000	42.5	44.3	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
IV 18000	42.9	44.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 16000	42.9	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 14000	43.3	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 12000	44.4	46.3	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 10000	46.3	48.1	48.5	48.7	48.8	48.9	49.3	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 9000	46.9	48.7	49.1	49.4	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
IV 8000	49.1	51.1	51.5	51.7	51.8	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 7000	49.5	51.6	52.2	52.4	52.5	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
IV 6000	49.8	51.9	52.5	52.7	52.8	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 5000	51.1	53.4	54.1	54.3	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
IV 4500	51.2	53.7	54.3	54.5	54.6	54.8	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
IV 4000	52.7	55.3	56.5	56.7	57.3	57.2	57.5	57.6	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8
IV 3500	53.5	56.9	57.5	57.8	59.3	58.5	58.8	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 3000	56.1	62.6	63.2	63.7	64.6	64.8	65.5	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 2500	61.7	66.9	67.6	68.5	69.7	69.9	70.6	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 2000	63.7	68.7	69.8	70.8	72.3	72.6	73.5	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
IV 1800	63.4	69.2	70.3	71.4	73.0	73.3	74.3	74.8	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 1500	64.6	71.4	73.1	74.3	76.0	76.5	77.5	78.3	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 1200	65.5	72.7	74.5	75.7	77.8	78.3	79.5	80.5	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6
IV 1000	65.6	73.2	75.4	75.7	79.1	79.6	81.1	82.3	83.1	84.0	84.4	84.6	84.6	84.6	84.6	84.6
IV 900	66.0	74.1	76.2	77.5	80.1	80.5	82.4	83.8	84.5	85.7	86.1	86.3	86.3	86.3	86.3	86.3
IV 800	66.3	74.5	77.2	78.5	81.1	81.5	83.4	84.8	85.6	87.0	87.4	87.6	87.6	87.6	87.6	87.6
IV 700	66.6	75.2	77.8	79.6	82.4	82.9	84.9	86.5	87.2	88.7	89.5	89.7	89.7	89.7	89.7	89.7
IV 600	66.8	75.4	78.3	80.3	83.3	83.9	86.0	87.7	88.5	90.2	91.3	91.6	91.6	91.7	91.7	91.7
IV 500	66.9	75.7	78.6	80.8	83.9	84.5	86.7	88.4	89.6	91.4	92.7	93.1	93.4	93.5	93.5	93.5
IV 400	66.9	75.9	78.8	81.1	84.2	84.9	87.2	89.0	90.4	92.3	94.0	94.7	95.2	95.3	95.3	95.3
IV 300	66.9	75.9	79.2	81.6	84.8	85.7	88.2	90.1	91.6	93.4	95.3	96.3	97.0	97.3	97.3	97.3
IV 200	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.3	91.8	93.7	95.8	97.1	97.8	98.4	98.5	98.5
IV 100	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.4	91.9	93.8	96.2	97.5	98.3	98.9	99.0	99.1
IV 0	66.9	75.9	79.2	81.6	84.9	85.8	88.4	90.4	91.9	93.8	96.2	97.5	98.3	98.9	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAD

CEILING VERSUS VISIBILITY

14-23
 STATION

LORING AFB ME

STATION NAME

70-79

YEARS

MAD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	41.6	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 16000	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 14000	42.7	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 12000	43.5	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 10000	45.8	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 9000	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 8000	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 7000	49.7	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 6000	49.4	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3
≥ 5000	51.2	52.6	52.7	52.7	52.7	52.7	52.8	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0
≥ 4500	52.2	52.6	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1
≥ 4000	51.5	54.5	54.6	54.6	54.9	55.1	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4
≥ 3500	53.1	56.7	57.7	57.7	57.5	57.6	57.7	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0
≥ 3000	59.4	63.5	63.9	64.0	64.5	64.6	64.8	65.2	65.3	65.4	65.4	65.6	65.6	65.6	65.6	65.6
≥ 2500	63.2	68.5	69.7	69.1	69.9	70.0	70.2	70.6	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3
≥ 2000	64.6	71.0	72.2	72.4	73.4	73.9	74.5	75.4	75.5	75.7	76.1	76.1	76.2	76.2	76.2	76.2
≥ 1800	64.8	71.6	72.8	73.0	74.2	74.6	75.4	76.2	76.3	76.6	77.0	77.0	77.1	77.1	77.1	77.1
≥ 1500	65.4	72.9	74.4	74.7	76.1	76.7	78.0	79.4	79.5	80.0	80.5	80.6	80.8	80.8	80.8	80.8
≥ 1200	65.2	74.3	75.9	76.2	77.8	78.5	80.0	81.4	81.5	82.0	82.7	82.8	82.9	82.9	82.9	82.9
≥ 1000	66.8	75.6	77.4	77.8	79.9	80.9	82.6	84.2	84.3	84.8	85.6	85.7	85.9	85.9	85.9	85.9
≥ 900	67.1	76.1	78.7	78.4	81.5	81.5	83.3	85.1	85.2	85.7	86.5	86.6	86.8	86.8	86.8	86.8
≥ 800	67.5	77.0	79.7	79.6	81.7	82.8	84.9	86.8	87.7	87.8	88.9	89.0	89.4	89.4	89.4	89.4
≥ 700	67.5	77.3	79.8	80.2	82.4	83.4	85.7	87.5	87.8	88.8	90.1	90.2	90.5	90.5	90.5	90.5
≥ 600	67.6	77.6	79.9	80.5	82.8	84.1	86.3	88.4	88.8	89.9	91.4	91.5	91.8	91.8	91.8	91.8
≥ 500	68.0	78.2	80.6	81.4	83.9	85.4	88.0	90.2	90.8	91.9	93.7	93.9	94.3	94.4	94.5	94.5
≥ 400	68.0	78.2	80.6	81.4	84.1	85.6	88.0	90.9	91.4	92.9	94.8	95.3	95.8	95.9	96.0	96.0
≥ 300	68.0	78.2	80.6	81.5	84.4	85.9	89.0	91.9	92.6	94.2	96.3	97.2	97.8	98.0	98.0	98.1
≥ 200	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.6	97.7	98.6	98.8	98.9	98.9
≥ 100	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.8	97.7	98.7	99.0	99.2	99.5
≥ 0	68.0	78.2	80.6	81.5	84.4	86.0	89.1	92.3	92.9	94.5	96.8	97.7	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF E IAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-23 LORING AFB ME

73-79

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
SCATS 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	34.1	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 20000	39.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 18000	39.7	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 16000	39.9	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
IV 14000	40.4	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
IV 12000	42.2	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 10000	44.9	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 9000	45.4	45.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
IV 8000	49.2	50.1	50.2	50.2	50.4	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 7000	51.8	51.6	51.9	51.9	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
IV 6000	51.7	52.7	52.9	53.1	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 5000	53.7	54.6	54.8	54.9	55.3	55.3	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IV 4500	53.2	54.9	55.3	55.4	55.7	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
IV 4000	56.3	58.8	59.2	59.4	59.7	59.9	59.9	60.2	60.2	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IV 3500	57.7	60.9	61.3	61.4	61.7	61.9	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
IV 3000	62.4	67.2	67.6	67.7	68.4	68.6	68.6	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IV 2500	65.8	71.9	72.3	72.8	73.8	74.2	74.4	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 2000	67.2	74.4	75.2	75.5	76.7	77.1	77.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0
IV 1800	67.8	75.2	75.9	76.2	77.6	78.1	78.6	79.3	79.8	80.1	80.1	80.1	80.2	80.2	80.2	80.2
IV 1500	69.3	77.7	78.3	78.6	80.3	81.8	81.8	83.2	83.7	83.5	83.5	83.5	83.7	83.7	83.7	83.7
IV 1200	69.4	78.1	79.4	79.9	81.7	82.3	83.4	85.1	85.1	85.5	85.5	85.5	85.6	85.6	85.6	85.6
IV 1000	73.1	78.7	80.3	80.8	82.9	83.4	85.1	87.0	87.1	88.0	88.0	88.0	88.1	88.1	88.1	88.1
IV 900	73.1	79.0	80.8	81.1	83.2	83.9	85.5	87.4	87.5	88.4	88.4	88.4	88.5	88.5	88.5	88.5
IV 800	73.2	79.4	81.0	81.5	83.8	84.4	86.1	88.2	88.5	89.4	89.6	89.6	89.7	89.7	89.7	89.7
IV 700	77.3	79.5	81.2	81.8	84.1	85.2	87.1	89.2	89.6	90.6	90.9	91.1	91.3	91.3	91.3	91.3
IV 600	77.4	79.7	81.5	82.3	84.8	85.9	87.8	90.7	90.6	91.7	92.2	92.5	92.8	92.8	92.8	92.8
IV 500	77.5	79.9	81.8	82.8	85.8	86.9	88.9	91.5	92.2	93.5	94.5	94.8	95.2	95.2	95.2	95.2
IV 400	77.5	79.9	81.8	82.8	85.9	87.0	89.1	91.9	92.7	94.3	95.4	95.8	96.2	96.2	96.2	96.2
IV 300	77.5	79.9	81.8	82.8	86.0	87.1	89.4	92.3	93.0	94.8	96.2	96.7	97.4	97.6	97.6	97.6
IV 200	77.5	79.9	81.8	82.8	85.7	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.3	98.5	98.5	98.7
IV 100	77.5	79.9	81.8	82.8	86.0	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.4	98.7	99.1	99.6
IV 0	77.5	79.9	81.8	82.8	85.7	87.1	89.5	92.4	93.1	95.2	96.7	97.2	98.4	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
 STATION

LORING AFB ME

STATION NAME

7-79

YEAR

743

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1871-2,83
 1005 15

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0	
NO CEILING	22.9	41.5	41.6	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
≥ 20000	23.9	44.6	44.7	44.7	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
≥ 18000	24.1	44.9	45.1	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
≥ 16000	24.1	45.1	45.2	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
≥ 14000	24.0	45.3	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	
≥ 12000	24.9	46.3	46.4	46.4	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
≥ 10000	26.9	49.1	49.2	49.2	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
≥ 9000	26.9	49.6	49.7	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
≥ 8000	28.1	52.2	52.3	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
≥ 7000	29.2	54.6	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
≥ 6000	29.9	55.8	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
≥ 5000	31.1	57.7	58.7	58.7	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	
≥ 4500	31.1	58.3	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	
≥ 4000	32.9	63.7	63.9	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
≥ 3500	33.4	65.7	66.2	66.2	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	
≥ 3000	34.3	69.4	70.1	70.1	70.5	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	
≥ 2500	34.6	72.3	73.1	73.2	74.7	75.3	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	
≥ 2000	35.5	74.2	75.3	75.6	77.5	78.3	79.0	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	
≥ 1800	35.6	74.4	75.6	75.9	78.1	78.9	79.7	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	
≥ 1500	36.0	75.9	77.2	77.5	81.0	81.9	82.2	83.1	83.2	83.3	83.4	83.5	83.5	83.5	83.5	
≥ 1200	36.6	77.6	79.2	79.6	82.7	83.2	84.6	85.3	85.9	86.1	86.2	86.3	86.3	86.3	86.3	
≥ 1000	36.7	78.2	81.1	81.6	83.3	84.6	86.3	88.8	89.6	89.7	89.8	89.8	89.8	89.8	89.8	
≥ 900	36.8	78.4	81.3	81.9	83.9	85.3	87.3	89.5	89.6	91.2	91.3	91.4	91.4	91.4	91.4	
≥ 800	37.1	79.0	81.1	81.7	85.1	86.6	88.4	91.1	91.2	92.2	92.4	92.5	92.5	92.5	92.5	
≥ 700	37.1	79.7	81.7	82.4	85.8	87.3	89.1	91.9	92.3	93.5	94.3	94.4	94.4	94.4	94.4	
≥ 600	37.1	79.9	82.2	82.9	86.3	87.8	89.7	92.6	93.7	94.3	95.1	95.2	95.2	95.2	95.2	
≥ 500	37.1	80.0	82.5	83.2	86.8	88.3	90.2	93.1	93.7	94.9	95.7	95.9	95.9	95.9	95.9	
≥ 400	37.1	80.1	82.6	83.3	86.9	88.4	90.4	93.7	94.3	95.6	96.5	96.7	96.7	96.7	96.7	
≥ 300	37.1	80.1	82.6	83.3	86.9	88.4	90.4	93.9	94.5	95.8	97.0	97.2	97.4	97.4	97.4	
≥ 200	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.3	97.6	97.8	98.1	98.1	98.2	
≥ 100	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.6	98.1	98.3	98.7	99.1	99.6	
≥ 0	37.1	80.1	82.6	83.3	87.0	88.5	90.5	94.2	94.8	96.6	98.1	98.3	98.7	99.1	99.4	

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 SCARFETAC
 AT: WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3-23 LORING AFB ME

70-70

MAP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2103-2350
 LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	17.7	45.9	46.7	46.7	46.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥20000	17.7	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 18000	17.7	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 16000	17.8	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 14000	18.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 12000	18.5	49.9	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 10000	19.4	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 9000	19.7	52.3	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
IV 8000	20.2	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
IV 7000	20.8	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 6000	21.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 5000	21.7	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 4500	21.9	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 4000	22.7	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 3500	22.8	63.7	63.9	63.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 3000	23.5	67.3	67.8	67.8	68.3	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 2500	23.9	71.1	71.6	71.8	72.4	72.5	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
IV 2000	23.9	73.3	74.5	74.7	76.6	77.0	77.4	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1800	24.1	74.3	75.5	75.7	77.6	78.1	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 1500	24.8	76.6	78.7	78.4	80.6	81.1	81.8	82.6	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1200	25.2	78.1	79.7	80.2	82.7	83.2	84.2	84.9	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1000	25.2	78.6	80.3	80.9	83.7	84.2	85.6	86.6	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV 900	25.2	78.8	80.8	81.2	84.1	84.6	86.5	87.4	88.3	88.9	89.7	89.0	89.0	89.0	89.0	89.0
IV 800	25.3	79.6	81.6	82.3	85.3	85.9	87.7	89.1	90.1	90.8	91.3	91.4	91.5	91.5	91.5	91.5
IV 700	25.3	79.8	81.9	82.7	85.7	86.3	88.2	89.7	90.6	91.4	91.9	92.0	92.2	92.2	92.2	92.2
IV 600	25.3	80.1	82.3	83.1	86.3	87.0	88.8	90.3	91.4	92.2	92.8	92.9	93.0	93.0	93.0	93.0
IV 500	25.3	80.4	82.7	83.5	87.1	87.8	90.0	92.0	93.4	94.3	95.1	95.2	95.4	95.5	95.5	95.5
IV 400	25.3	80.4	82.7	83.7	87.3	88.1	90.3	92.5	94.0	95.2	96.2	96.3	96.7	96.8	96.8	96.8
IV 300	25.3	80.4	82.7	83.7	87.3	88.1	90.3	92.8	94.4	95.8	96.9	97.0	97.6	97.8	97.8	97.8
IV 200	25.3	80.4	82.8	83.8	87.4	88.2	90.4	92.9	94.6	96.0	97.3	97.4	98.2	98.4	98.4	98.4
IV 100	25.3	80.4	82.9	83.9	87.5	88.3	90.5	93.1	94.8	96.3	98.0	98.1	99.0	99.7	99.9	99.9
IV 0	25.3	80.4	82.9	83.9	87.5	88.3	90.5	93.1	94.8	96.3	98.0	98.1	99.0	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

14-23 LOWING AFB ME

73-79

MAC

STATION

STATION NAME

YEARS

MO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 YEARS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	37.1	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
≥ 20000	39.2	45.2	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6
IV 18000	30.4	45.5	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9
IV 16000	30.5	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1
IV 14000	35.9	46.2	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6
IV 12000	31.6	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
IV 10000	33.1	48.9	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4
IV 9000	33.5	49.5	49.7	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
IV 8000	35.1	52.0	52.2	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
IV 7000	35.9	53.4	53.7	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1
IV 6000	36.3	54.6	54.8	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
IV 5000	37.3	56.4	56.7	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3
IV 4500	37.4	56.8	57.1	57.2	57.4	57.5	57.5	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8
IV 4000	39.1	60.0	60.4	60.5	60.8	60.9	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3
IV 3500	40.5	61.7	62.2	62.4	62.7	62.8	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.3
IV 3000	42.7	66.3	66.8	67.0	67.6	67.8	67.9	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5
IV 2500	44.6	69.9	70.7	71.1	72.0	72.2	72.5	72.9	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.3
IV 2000	45.6	72.3	73.4	73.8	75.2	75.5	76.0	76.7	76.6	77.0	77.1	77.1	77.1	77.2	77.2	77.2
IV 1800	45.9	73.1	74.2	74.6	75.1	76.6	77.1	77.8	77.9	78.0	78.1	78.1	78.2	78.2	78.2	78.3
IV 1500	46.6	74.6	76.2	76.7	78.6	79.1	80.1	81.0	81.3	81.5	81.6	81.7	81.7	81.7	81.7	81.8
IV 1200	47.1	75.8	77.5	78.1	80.2	80.9	82.0	83.1	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.1
IV 1000	47.3	76.5	78.4	79.1	81.4	82.2	83.6	85.1	85.6	86.1	86.4	86.5	86.5	86.6	86.6	86.6
IV 900	47.5	76.9	79.5	79.5	82.3	82.8	84.3	85.9	86.4	87.0	87.3	87.4	87.4	87.5	87.5	87.5
IV 800	47.7	77.5	79.6	80.4	83.5	83.9	85.6	87.3	88.7	88.8	89.2	89.3	89.4	89.5	89.5	89.6
IV 700	47.7	77.9	80.2	81.1	83.8	84.7	86.5	88.3	89.1	90.0	90.6	90.8	90.9	90.9	90.9	91.0
IV 600	47.8	78.2	80.5	81.5	84.4	85.4	87.2	89.2	90.0	91.0	91.7	91.9	92.0	92.1	92.1	92.2
IV 500	47.9	78.6	81.0	82.1	85.1	86.3	88.2	90.4	91.4	92.6	93.6	93.8	94.0	94.1	94.1	94.2
IV 400	47.9	78.7	81.2	82.3	85.4	86.6	88.7	91.0	92.1	93.5	94.7	95.1	95.3	95.4	95.5	95.5
IV 300	47.9	78.8	81.3	82.5	85.8	87.0	89.2	91.6	92.9	94.4	95.9	96.4	96.8	97.0	97.0	97.1
IV 200	47.9	78.8	81.4	82.6	86.0	87.2	89.5	92.1	93.4	95.0	96.7	97.3	97.9	98.3	98.4	98.5
IV 100	47.9	78.8	81.4	82.6	86.0	87.3	89.6	92.3	93.5	95.2	97.1	97.7	98.4	99.2	99.4	99.5
IV 0	47.9	78.8	81.4	82.6	86.0	87.3	89.6	92.3	93.5	95.2	97.1	97.7	98.4	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 7400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

1-23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

APP
FORM

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

503-0200
NOV 53

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	27.6	46.3	46.3	46.5	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.3	47.3
≥20000	21.7	43.9	49.4	49.4	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	50.2
≥18000	21.6	49.3	49.5	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0	50.3
≥16000	21.3	49.2	49.5	49.8	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.6
≥14000	21.3	49.4	50.7	50.7	50.7	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.8
≥12000	21.3	49.4	50.0	50.0	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.8
≥10000	22.5	51.4	52.7	52.7	52.7	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.9
≥9000	22.4	51.7	52.2	52.2	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	53.1
≥8000	23.2	52.9	53.4	53.4	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.3
≥7000	23.9	53.8	56.4	56.6	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.4
≥6000	24.5	57.1	57.4	57.9	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.5
≥5000	24.7	58.9	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.6
≥4500	25.2	60.7	61.4	61.4	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.3
≥4000	27.1	65.3	66.2	66.3	66.7	66.9	66.9	66.9	66.9	66.9	66.9	67.2	67.0	67.0	67.0	67.1	67.4
≥3500	28.2	66.9	67.8	67.8	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.8	69.1
≥3000	28.7	69.8	70.7	70.8	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.2	72.6
≥2500	29.3	72.7	73.9	74.2	75.0	75.2	75.3	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.0
≥2000	29.4	74.3	76.1	76.4	77.6	77.9	78.0	78.0	78.3	78.1	78.3	78.2	78.2	78.2	78.2	78.3	78.7
≥1800	29.4	74.4	76.2	76.6	77.7	78.0	79.1	78.1	79.2	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.8
≥1500	29.9	76.6	78.4	79.0	80.3	80.7	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.9
≥1200	29.9	77.8	80.3	81.1	83.0	83.3	83.6	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.7
≥1000	29.9	78.6	81.3	82.1	84.2	84.6	84.8	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.9
≥900	29.9	79.1	82.1	82.9	85.1	85.6	85.8	86.0	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.9	87.2
≥800	29.9	79.6	82.9	83.9	86.1	86.6	87.1	87.8	88.2	88.6	88.7	88.7	88.7	88.7	88.7	88.8	89.1
≥700	29.9	80.1	83.4	84.6	86.9	87.3	87.9	88.7	89.2	89.7	89.8	89.8	89.8	89.8	89.8	89.9	90.2
≥600	29.9	80.2	83.6	84.7	87.3	87.4	88.4	89.7	90.6	91.1	91.4	91.4	91.4	91.4	91.4	91.7	92.0
≥500	29.9	80.7	84.7	85.1	88.1	88.7	89.4	91.8	92.7	93.6	93.9	94.0	94.0	94.0	94.0	94.1	94.4
≥400	29.9	81.2	84.8	86.1	89.4	90.3	90.9	93.2	94.4	95.3	95.7	95.8	95.8	95.8	95.8	95.9	96.2
≥300	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.2	95.6	96.9	97.3	97.8	97.8	97.8	97.8	97.9	98.2
≥200	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.1	98.6	98.6	98.6	98.6	98.9	99.2
≥100	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.2	98.7	98.7	98.7	98.7	99.0	99.7
≥0	29.9	81.4	85.2	86.6	89.9	90.6	91.6	94.6	96.2	97.6	98.2	98.7	98.7	98.7	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

LOCAL CLIMATOLOGY BRANCH
AFSC
AD WEATHER SE-1001/400

CEILING VERSUS VISIBILITY

1-20 LOPING AFB MO

7-79

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-000

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	42.7	41.0	40.7	40.7	41.1	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 20000	42.7	43.6	43.7	43.8	44.2	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 18000	44.3	43.6	43.6	43.8	44.2	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 15000	24.3	43.7	43.8	43.8	44.3	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 14000	24.6	44.2	44.4	44.4	44.9	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 12000	24.7	45.1	45.3	45.3	45.8	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	25.3	45.4	45.7	45.7	46.1	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 9000	27.3	46.1	46.1	46.1	46.6	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 8000	27.7	49.7	49.9	51.1	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 7000	28.1	51.3	52.1	52.1	52.6	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	28.8	53.2	53.4	53.8	54.0	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 5000	29.4	55.6	55.4	55.9	56.3	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4500	31.1	57.1	57.3	57.3	57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 4000	33.3	61.1	61.4	61.6	62.1	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3500	35.4	62.9	63.4	63.6	64.1	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 3000	35.4	65.4	65.1	66.4	67.1	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2500	36.3	67.3	68.7	68.3	69.3	69.6	69.6	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2000	37.1	69.7	70.3	70.7	71.4	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	37.3	70.0	70.4	71.0	71.9	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1000	37.7	73.1	74.3	74.6	75.1	75.7	77.7	77.2	77.9	77.6	77.6	77.6	77.6	77.6	77.6
≥ 900	38.1	75.3	77.7	76.4	77.1	77.7	81.2	81.7	82.3	82.2	82.2	82.2	82.2	82.2	82.2
≥ 800	38.2	77.1	78.6	79.3	81.2	81.8	82.3	82.8	83.1	83.4	83.9	84.1	84.2	84.2	84.4
≥ 700	38.2	77.7	79.1	79.9	81.9	82.6	83.1	83.9	84.6	85.0	85.6	85.8	85.9	85.9	86.1
≥ 600	38.2	78.3	80.0	80.9	83.1	83.9	85.7	86.2	87.4	88.1	88.8	89.3	89.2	89.2	89.4
≥ 500	38.3	76.9	80.8	81.7	84.1	85.2	85.8	86.2	89.4	91.1	91.3	92.7	93.1	93.1	93.9
≥ 400	38.3	79.3	81.8	82.6	85.6	86.8	88.4	91.1	91.3	92.7	93.1	93.2	93.7	93.7	93.9
≥ 300	38.3	79.4	81.7	82.8	86.2	87.9	89.6	91.7	91.7	92.7	93.1	93.7	93.7	93.7	93.9
≥ 200	38.3	79.4	81.4	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6
≥ 100	38.3	79.4	81.4	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6
≥ 0	38.3	79.4	81.4	82.9	86.6	88.2	90.1	92.2	93.7	95.4	96.8	97.2	97.9	98.3	98.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATE LOGS BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7630-3800
HOURS (S)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	34.7	36.7	36.7	36.0	35.6	35.7	35.3	36.8	36.8	36.8	36.2	36.2	36.8	36.8	36.8	36.9
≥ 20000	37.1	39.8	38.8	39.8	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9
≥ 18000	37.7	39.3	39.3	39.3	40.2	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 16000	37.7	39.3	39.3	39.3	40.0	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4
≥ 14000	39.3	40.2	40.2	41.2	41.9	41.7	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 12000	39.7	40.2	40.2	41.2	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	42.0
≥ 10000	43.2	45.3	45.4	45.4	46.1	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.6
≥ 9000	43.4	45.6	45.7	45.7	46.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
≥ 8000	46.7	49.1	49.1	49.3	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
≥ 7000	48.9	51.4	51.6	51.8	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0
≥ 6000	51.1	52.9	53.1	53.2	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.4
≥ 5000	53.1	56.1	56.2	56.6	57.3	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
≥ 4500	54.5	57.9	58.1	58.3	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6
≥ 4000	56.4	59.9	60.1	60.3	61.2	61.3	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.8
≥ 3500	57.4	60.9	61.1	61.3	62.2	62.3	62.6	62.6	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.9
≥ 3000	58.9	64.7	65.1	65.2	66.2	66.3	66.7	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.3
≥ 2500	62.2	66.3	66.7	67.0	68.0	68.2	68.6	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
≥ 2000	63.8	68.3	68.8	69.1	70.1	70.6	71.0	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.8
≥ 1800	64.3	69.2	69.6	69.9	70.9	71.3	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.6
≥ 1500	66.3	71.9	72.3	72.8	74.0	74.4	74.9	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.0
≥ 1200	67.8	74.1	74.7	75.3	76.9	77.4	77.9	78.7	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.2
≥ 1000	68.4	75.4	76.1	77.0	79.0	79.6	80.3	81.8	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.6
≥ 900	68.9	76.0	76.6	77.1	79.8	80.6	81.2	82.8	82.9	83.1	83.7	83.7	83.7	83.7	83.7	83.8
≥ 800	69.1	76.3	77.0	78.2	80.7	82.1	83.0	84.7	84.8	85.0	85.7	85.7	85.7	85.7	85.7	85.8
≥ 700	69.1	76.4	77.3	79.3	81.4	82.9	83.8	85.4	85.6	85.9	87.0	87.0	87.0	87.0	87.0	87.1
≥ 600	69.3	77.0	77.9	79.6	82.2	83.7	84.8	86.7	86.9	87.4	88.6	88.6	88.6	88.6	88.6	88.7
≥ 500	69.3	78.1	79.2	81.0	83.0	85.3	86.6	88.4	88.9	89.4	90.9	91.1	91.1	91.1	91.1	91.2
≥ 400	69.6	78.6	80.1	82.0	85.3	87.1	88.3	90.3	90.6	91.3	92.9	93.1	93.1	93.1	93.1	93.4
≥ 300	69.6	78.7	80.3	82.4	85.8	88.0	89.4	91.9	93.0	93.7	95.7	96.1	96.3	96.3	96.3	96.8
≥ 200	69.8	78.7	80.3	82.6	85.9	88.4	90.0	92.4	93.7	94.3	96.4	96.9	97.3	97.3	97.3	98.3
≥ 100	69.8	78.7	80.3	82.6	85.9	88.4	90.0	92.6	93.9	94.6	96.7	97.2	97.7	97.7	97.9	98.6
≥ 0	69.6	78.7	80.3	82.6	85.9	88.4	90.0	92.6	93.9	94.6	96.7	97.2	97.7	97.7	97.9	98.6

TOTAL NUMBER OF OBSERVATIONS 900

SEVENTH CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LORING AFB ME

73-79

ADD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

900-1100
 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	34.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 20000	36.8	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
IV 18000	37.1	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
IV 16000	37.3	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 14000	37.8	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
IV 12000	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 10000	41.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 9000	42.7	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 8000	45.4	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 7000	48.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 6000	49.1	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 5000	51.2	53.3	53.3	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
IV 4500	51.7	53.4	53.4	53.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 4000	54.1	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 3500	56.1	57.9	58.2	58.2	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 3000	60.7	62.9	63.3	63.4	64.2	64.4	64.6	64.7	64.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7
IV 2500	64.7	67.7	67.4	67.7	68.6	68.8	69.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV 2000	67.3	72.0	72.6	72.9	73.8	74.1	74.4	74.6	74.7	74.9	75.7	75.7	75.7	75.7	75.7	75.7
IV 1800	69.1	72.8	73.3	73.7	74.6	74.9	75.2	75.3	75.4	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 1500	73.8	75.9	76.4	77.1	78.0	78.4	79.2	79.2	79.3	79.6	79.7	79.7	79.7	79.7	79.7	79.7
IV 1200	72.1	78.1	79.1	79.9	81.1	81.7	82.4	82.8	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 1000	72.5	79.1	80.6	81.4	83.3	83.9	85.7	85.4	85.6	85.8	86.7	86.7	86.7	86.7	86.7	86.7
IV 900	72.8	79.6	81.1	82.2	84.1	84.8	85.9	86.3	86.4	86.8	87.7	87.7	87.7	87.7	87.7	87.7
IV 800	73.4	80.4	82.1	83.8	85.8	86.4	87.6	88.0	88.1	88.6	88.9	88.9	88.9	88.9	88.9	88.9
IV 700	73.8	81.4	83.4	85.2	87.4	88.4	89.6	90.7	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9
IV 600	73.8	81.6	83.8	85.7	88.3	89.7	90.9	91.3	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3
IV 500	73.8	82.1	84.7	86.9	90.0	91.4	92.7	93.2	93.3	94.1	94.4	94.7	94.7	94.7	94.7	94.7
IV 400	73.9	82.7	85.6	87.9	91.1	92.7	94.0	94.6	94.7	95.6	95.9	96.1	96.2	96.2	96.2	96.2
IV 300	73.9	82.8	85.8	88.3	91.8	93.6	94.9	95.8	96.0	96.9	97.4	97.7	97.9	97.9	97.9	97.9
IV 200	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.2	97.3	98.2	98.6	99.0	99.3	99.4	99.4
IV 100	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.3	97.4	98.3	98.8	99.3	99.4	99.6	99.8
IV 0	73.9	82.8	85.8	88.3	91.8	93.6	95.0	95.9	96.3	97.4	98.3	98.8	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

75-79

LPE

PERCENTAGE FREQUENCY OF OCCURENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	32.7	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000	34.7	35.3	35.7	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
IV 18000	35.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
IV 16000	35.1	35.3	35.8	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
IV 14000	35.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
IV 12000	36.1	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
IV 10000	37.2	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
IV 9000	37.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
IV 8000	39.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
IV 7000	41.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 6000	43.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 5000	45.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 4500	46.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 4000	50.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 3500	53.4	56.1	56.1	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
IV 3000	55.4	63.9	63.9	64.1	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IV 2500	66.6	71.7	72.0	72.4	73.0	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
IV 2000	70.8	77.6	78.0	78.6	79.2	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 1800	71.0	78.1	78.6	79.1	79.8	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 1500	72.1	79.9	80.4	81.0	82.0	82.3	82.6	82.9	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1200	73.1	82.1	83.2	83.9	85.1	85.4	85.7	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	73.3	82.6	84.7	84.7	86.2	86.8	87.1	88.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
IV 900	73.8	83.6	84.8	85.4	87.2	87.8	88.1	89.2	89.4	89.7	89.8	89.8	89.8	89.8	89.8	89.8
IV 800	74.1	84.4	86.7	87.1	89.0	89.6	89.9	91.0	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
IV 700	74.2	84.8	86.3	87.6	89.7	90.2	90.6	91.7	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4
IV 600	74.4	85.4	87.0	88.2	91.0	91.6	92.1	93.3	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2
IV 500	74.4	85.9	87.6	89.2	92.1	92.9	93.7	95.1	95.3	95.4	96.1	96.1	96.1	96.1	96.1	96.1
IV 400	74.4	86.3	87.9	89.8	92.7	93.4	94.4	95.9	96.1	96.4	97.0	97.1	97.3	97.4	97.4	97.4
IV 300	74.4	86.5	87.9	89.8	92.8	93.6	94.7	96.7	96.9	97.2	97.9	98.0	98.0	98.0	98.0	98.0
IV 200	74.4	86.7	87.9	89.9	92.9	93.9	95.2	97.6	97.8	98.1	98.9	99.1	99.1	99.1	99.1	99.1
IV 100	74.4	86.7	87.9	89.9	92.9	93.9	95.2	97.6	97.8	98.1	98.9	99.1	99.1	99.1	99.1	99.1
IV 0	74.4	86.7	87.9	89.9	92.9	93.9	95.2	97.6	97.8	98.1	98.9	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 SAFETY
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-23 STATION: WOODRUFF AFB ME YEAR: 1975 MONTH: APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15.0-1370
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	32.7	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 20000	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
IV 18000	37.1	37.9	38.1	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
IV 16000	37.4	38.2	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
IV 14000	37.9	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
IV 12000	38.1	39.0	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 10000	40.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
IV 9000	41.4	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 8000	44.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 7000	46.2	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 6000	49.9	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 5000	51.3	53.6	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
IV 4500	52.3	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 4000	56.1	56.9	59.1	59.3	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
IV 3500	59.2	62.1	62.3	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
IV 3000	65.3	68.9	69.3	69.4	69.9	69.9	70.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
IV 2500	69.9	74.7	75.3	75.6	76.6	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2000	73.3	80.2	81.1	81.3	82.9	83.3	83.6	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1
IV 1800	74.6	81.2	82.1	82.3	83.9	84.3	84.8	85.0	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.2
IV 1500	75.2	82.2	83.1	83.3	85.1	85.6	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	86.4	86.4
IV 1200	75.7	83.1	84.2	84.4	85.2	86.7	87.1	87.3	87.6	87.7	87.7	87.8	87.9	87.9	87.9	87.9
IV 1000	76.1	83.6	84.8	85.1	87.1	87.7	88.2	88.4	88.8	88.9	89.0	89.2	89.3	89.3	89.3	89.3
IV 900	76.2	84.1	85.2	85.7	87.8	88.4	89.2	89.3	89.8	89.9	90.0	90.2	90.3	90.3	90.3	90.3
IV 800	76.6	84.6	85.9	86.6	89.0	89.7	90.2	90.6	91.1	91.3	91.6	91.8	91.9	91.9	91.9	91.9
IV 700	76.8	85.2	86.6	87.2	89.9	90.7	91.2	91.6	92.1	92.4	93.0	93.3	93.4	93.4	93.4	93.4
IV 600	76.8	85.6	86.9	88.0	91.3	92.3	92.9	93.4	94.0	94.0	95.1	95.7	95.8	95.9	95.9	95.9
IV 500	76.9	85.8	87.1	88.6	92.0	93.2	93.9	94.4	95.0	95.3	96.1	96.8	97.0	97.1	97.1	97.1
IV 400	76.9	85.8	87.2	88.9	92.4	93.7	94.6	95.2	95.9	96.2	97.0	97.3	98.0	98.2	98.2	98.2
IV 300	76.9	85.8	87.2	88.9	92.6	93.8	94.7	95.6	96.3	96.7	97.4	98.2	98.4	98.7	98.7	98.8
IV 200	76.9	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.6	98.9	98.9	99.0
IV 100	76.8	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.8	99.2	99.3	99.3
IV 0	76.8	85.8	87.2	88.9	92.6	93.9	94.8	95.7	96.4	96.8	97.6	98.3	98.8	99.2	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 960

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-823 LORING AFB ME

70-79

199

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-2000
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥0
NO CEILING	26.6	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	37.3	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
IV 18000	37.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
IV 16000	38.9	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 14000	31.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
IV 12000	32.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 10000	33.7	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	48.3	48.3
IV 9000	34.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 8000	36.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 7000	38.6	55.9	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 6000	40.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3
IV 5000	42.4	60.9	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 4500	43.1	62.4	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
IV 4000	45.0	64.9	65.7	65.7	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
IV 3500	46.1	67.7	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2
IV 3000	48.1	71.1	71.2	71.3	71.6	71.6	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
IV 2500	50.1	75.1	75.7	75.9	76.8	77.0	77.2	77.6	77.7	77.7	77.7	77.7	77.8	77.9	77.9	77.9
IV 2000	51.3	77.7	78.4	78.8	80.0	80.3	80.7	81.1	81.2	81.2	81.2	81.3	81.3	81.4	81.4	81.4
IV 1800	51.3	78.2	79.1	79.3	80.6	80.9	81.2	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0
IV 1500	51.4	79.1	80.0	80.8	82.2	82.7	83.3	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3
IV 1200	51.6	80.0	80.9	81.7	83.3	83.8	84.4	85.2	85.4	85.6	85.6	85.7	85.7	85.8	85.8	85.8
IV 1000	52.2	81.3	82.2	83.0	85.1	85.0	86.6	87.4	87.9	88.0	88.1	88.2	88.2	88.3	88.3	88.3
IV 900	52.3	81.8	82.7	83.4	85.7	86.6	87.4	88.6	89.1	89.2	89.3	89.4	89.4	89.6	89.6	89.6
IV 800	52.4	82.4	83.4	84.3	86.9	87.8	88.7	89.9	90.4	90.6	90.7	90.8	90.9	91.0	91.0	91.0
IV 700	52.4	82.9	83.9	84.8	87.3	88.4	89.4	91.0	91.6	91.7	92.2	92.3	92.4	92.6	92.6	92.7
IV 600	52.4	83.0	84.0	85.0	87.9	89.0	90.2	92.2	92.9	93.0	93.2	94.0	94.1	94.2	94.2	94.3
IV 500	52.4	83.2	84.2	85.3	88.3	89.8	91.0	93.3	94.0	94.3	95.2	95.4	95.7	95.8	95.9	95.9
IV 400	52.4	83.2	84.3	85.6	88.7	90.1	91.7	94.2	95.3	95.8	97.0	97.2	97.4	97.6	97.6	97.7
IV 300		83.2	84.3	85.6	89.8	90.3	91.9	94.4	95.6	96.1	97.4	97.9	98.1	98.4	98.4	98.6
IV 200	52.4	83.2	84.3	85.6	89.8	90.3	92.1	94.7	95.9	96.4	97.8	98.4	98.9	99.2	99.3	99.4
IV 100	52.4	83.2	84.3	85.6	89.8	91.3	92.1	94.7	95.9	96.4	97.8	98.4	98.9	99.2	99.3	99.8
IV 0	52.4	83.2	84.3	85.6	88.8	91.3	92.1	94.7	95.9	96.4	97.8	98.4	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19 23 LORING AFB ME

70-79

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS U.S.

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	42.1	48.2	48.9	48.9	49.0	49.3	49.7	49.5	49.7	49.3	49.1	49.0	49.0	49.0	49.0	49.1	49.1
≥ 20000	22.5	50.3	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
IV 18000	22.7	50.8	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1
IV 16000	22.3	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.6
IV 14000	23.1	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
IV 12000	23.5	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
IV 10000	24.4	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	54.1	54.2
IV 9000	24.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
IV 8000	25.4	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
IV 7000	26.7	59.3	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
IV 6000	27.1	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
IV 5000	28.7	63.3	63.4	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	63.8
IV 4500	29.2	64.8	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
IV 4000	30.8	68.1	68.1	68.1	68.3	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
IV 3500	31.3	69.8	69.9	69.9	70.2	70.4	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8
IV 3000	32.2	72.9	73.1	73.1	73.2	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
IV 2500	33.2	75.9	76.3	76.3	77.1	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8
IV 2000	33.3	77.7	78.3	78.3	79.4	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
IV 1800	33.4	76.8	79.4	79.4	80.6	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4
IV 1500	33.8	80.6	81.4	81.6	83.3	83.7	84.0	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
IV 1200	33.8	81.7	83.1	83.4	85.0	85.7	86.1	86.4	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1
IV 1000	33.9	82.8	84.3	85.0	86.7	87.4	87.9	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
IV 900	33.9	83.1	84.8	85.4	87.3	88.3	88.8	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0
IV 800	34.0	83.7	85.5	86.2	88.3	89.8	90.3	91.3	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.5
IV 700	34.0	84.2	86.1	86.9	88.9	90.0	91.1	92.1	92.6	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.4
IV 600	34.0	84.3	86.3	87.1	89.1	90.9	91.4	92.7	93.2	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.6
IV 500	34.0	85.0	87.0	87.9	90.0	91.8	92.3	94.1	94.8	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 400	34.0	85.2	87.3	88.2	90.3	92.1	92.6	94.8	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.1
IV 300	34.0	85.2	87.3	88.2	90.3	92.1	92.8	95.0	96.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 200	34.0	85.2	87.3	88.2	90.3	92.1	92.9	95.4	96.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	34.0	85.3	87.4	88.3	90.4	92.2	93.3	95.8	96.9	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 0	34.0	85.3	87.4	88.3	90.4	92.2	93.3	95.3	96.9	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY
 SAFETY C
 AIR WEATHER SERVI

CEILING VERSUS VISIBILITY

1923 LORING AFB ME

70-70

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
 MONTHS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.15	≥.1	≥.05	≥.01	≥0
NO CEILING	36.5	39.2	39.3	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	37.4	41.9	42.7	42.6	42.2	42.3	42.3	42.3	42.7	42.3	42.7	42.3	42.3	42.3	42.3	42.4
IV 18000	37.8	42.3	42.4	42.4	42.6	42.7	42.8	42.8	42.2	42.8	42.8	42.6	42.8	42.8	42.8	42.9
IV 16000	37.9	42.5	42.5	42.6	42.8	42.9	42.9	42.9	43.7	43.3	43.7	43.3	43.5	43.3	43.3	43.1
IV 14000	31.5	43.1	43.2	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6
IV 12000	31.9	43.9	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
IV 10000	33.7	46.2	46.3	46.3	46.5	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8
IV 9000	34.1	45.7	46.0	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
IV 8000	36.2	49.3	49.5	49.5	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
IV 7000	37.8	51.6	52.0	52.0	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5
IV 6000	38.9	53.4	53.6	53.7	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2
IV 5000	40.9	56.1	56.4	56.4	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
IV 4500	41.7	57.4	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3
IV 4000	44.2	57.9	61.2	61.3	61.7	61.8	61.8	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.1
IV 3500	45.8	53.1	63.3	63.4	63.8	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3
IV 3000	49.1	57.4	67.8	68.1	68.5	68.8	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.3
IV 2500	51.5	71.3	71.9	72.2	73.0	73.3	73.5	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9
IV 2000	53.5	74.7	75.5	75.8	76.8	77.2	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	78.0
IV 1800	53.8	75.3	76.1	76.4	77.5	77.9	78.1	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.7
IV 1500	54.7	77.4	78.3	78.6	80.1	80.6	81.0	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.8
IV 1200	55.2	79.1	80.2	80.6	82.3	82.9	83.3	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.4
IV 1000	55.5	80.7	81.4	82.1	84.0	84.5	85.1	85.8	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.6
IV 900	55.8	80.5	82.1	82.8	84.8	85.5	86.1	86.8	87.1	87.3	87.5	87.6	87.6	87.7	87.7	87.8
IV 800	56.1	81.1	82.7	83.8	86.0	86.8	87.5	88.4	88.8	89.1	89.4	89.4	89.5	89.5	89.5	89.6
IV 700	56.1	81.8	83.3	84.4	86.7	87.7	88.4	89.4	89.8	90.2	90.7	90.8	90.8	90.8	90.8	90.9
IV 600	56.1	81.9	83.7	84.9	87.5	88.6	89.5	90.7	91.3	91.8	92.3	92.5	92.5	92.5	92.6	92.7
IV 500	56.1	82.5	84.3	85.7	88.6	89.8	90.8	92.3	92.9	93.5	94.2	94.4	94.5	94.6	94.6	94.7
IV 400	56.2	82.3	84.8	86.4	89.4	90.7	91.9	93.5	94.3	94.9	95.7	95.9	96.1	96.1	96.2	96.3
IV 300	56.2	82.8	85.0	86.6	89.8	91.2	92.4	94.4	95.3	96.2	97.1	97.5	97.7	97.8	97.8	98.0
IV 200	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.8	95.8	96.7	97.7	98.2	98.6	98.6	98.8	99.1
IV 100	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.9	95.9	96.8	97.9	98.3	98.9	99.1	99.3	99.8
IV 0	56.2	82.8	85.0	86.6	89.8	91.4	92.7	94.9	95.9	96.8	97.9	98.3	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

U.S. AIR FORCE CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

1-23 STATION LOSING AFB ME

7-79

4AY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

000-0000
 0000-0000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2	≥0
NO CEILING	25.3	45.3	46.1	46.1	46.3	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥20000	21.8	49.4	49.6	49.6	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥18000	21.6	49.5	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥16000	21.6	49.9	51.1	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥14000	21.7	51.1	51.2	51.2	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥12000	22.2	52.3	52.1	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥10000	23.1	55.3	55.4	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥9000	23.5	56.3	56.6	56.6	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥8000	25.1	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥7000	25.1	62.6	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥6000	26.1	64.1	64.2	64.2	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥5000	26.7	65.9	66.1	66.1	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥4500	27.3	67.3	68.1	68.1	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥4000	28.8	71.4	71.4	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥3500	29.0	72.3	72.3	72.3	72.7	72.7	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥3000	30.6	75.5	76.1	76.1	76.2	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥2500	31.0	76.7	77.4	77.4	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥2000	31.3	78.3	78.3	78.9	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥1800	31.3	78.4	79.2	79.4	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥1500	31.3	79.8	80.5	80.9	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥1200	31.4	81.5	82.6	82.7	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥1000	31.4	82.9	84.3	84.4	84.7	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥900	31.4	83.5	85.1	85.3	85.8	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥800	31.4	84.3	87.1	87.2	87.5	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥700	31.4	85.9	88.9	89.2	89.6	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥600	31.6	86.9	89.5	89.8	90.1	90.3	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥500	31.6	87.4	90.6	91.0	91.6	91.6	92.0	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥450	31.7	88.2	91.9	92.4	93.3	93.5	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥300	31.7	89.4	92.2	93.0	94.6	95.1	95.2	95.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥200	31.7	88.4	92.2	93.3	95.2	95.7	95.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥100	31.7	88.4	92.2	93.3	95.2	95.8	96.8	98.3	98.5	98.7	98.9	99.1	99.2	99.4	99.5	99.9
≥0	31.7	88.4	92.2	93.3	95.2	95.8	96.8	98.3	98.5	98.7	98.9	99.1	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 932

1100

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LOSING AFB ME

73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

J800-0506

CEILING FEET	VISIBILITY STATUTE MILES															
	≥0	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512
NO CEILING	29.1	39.8	39.8	47.1	43.4	47.5	47.6	43.8	40.9	45.8	40.9	41.0	41.0	41.0	41.1	41.7
≥ 7000	31.9	44.1	44.1	44.4	44.8	44.9	45.1	45.2	45.2	45.2	45.3	45.4	45.4	45.4	45.5	45.7
≥ 6000	32.2	44.7	44.7	45.1	45.5	45.6	45.7	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.3	46.3
≥ 5000	32.3	44.9	44.9	45.3	45.7	45.8	45.9	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.3	46.6
≥ 4000	32.7	45.5	45.5	45.9	46.3	46.5	46.6	46.7	46.7	46.7	46.8	46.9	46.9	46.9	47.0	47.2
≥ 3000	33.5	46.8	46.8	47.2	47.6	47.7	47.8	48.0	48.0	48.0	48.1	48.2	48.2	48.2	48.3	48.5
≥ 2000	34.3	48.7	48.7	49.1	49.6	49.7	49.8	49.9	49.9	49.9	50.0	50.1	50.1	50.1	50.2	50.4
≥ 1000	35.5	49.7	49.7	50.1	50.6	50.6	50.8	50.9	50.9	50.9	51.0	51.1	51.1	51.1	51.2	51.4
≥ 900	37.8	53.2	53.2	53.8	54.2	54.3	54.4	54.5	54.5	54.5	54.6	54.7	54.7	54.7	54.8	55.1
≥ 800	38.8	54.3	54.3	55.5	55.9	56.0	56.1	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.5	56.8
≥ 700	39.9	56.3	56.3	57.3	57.7	57.8	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.4	58.7
≥ 600	41.2	59.4	59.4	59.9	60.3	60.4	60.5	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.1	61.5
≥ 500	41.8	60.6	61.7	61.5	61.9	62.0	62.2	62.4	62.4	62.4	62.5	62.6	62.6	62.6	62.7	63.1
≥ 400	43.3	63.7	64.2	64.8	65.3	65.4	65.5	65.7	65.7	65.7	65.8	65.9	65.9	65.9	66.0	66.5
≥ 350	44.3	65.2	65.7	66.5	66.9	67.1	67.3	67.3	67.3	67.3	67.4	67.5	67.5	67.5	67.6	68.1
≥ 300	45.1	66.1	66.7	67.3	67.8	68.0	68.1	68.2	68.2	68.2	68.3	68.4	68.4	68.4	68.5	69.0
≥ 250	47.4	70.1	71.0	71.5	72.5	72.6	72.7	73.0	73.0	73.1	73.2	73.3	73.3	73.3	73.4	73.9
≥ 200	47.4	71.4	72.3	73.1	73.9	74.1	74.3	74.6	74.6	74.7	74.8	74.9	74.9	74.9	75.1	75.5
≥ 1800	47.5	71.6	72.5	73.3	74.1	74.3	74.5	74.8	74.8	74.9	75.1	75.2	75.2	75.2	75.3	75.7
≥ 1500	48.9	73.7	74.7	75.6	76.7	76.9	77.1	77.5	77.5	77.6	77.7	77.8	77.8	77.8	78.0	78.4
≥ 1200	49.4	74.9	76.3	77.2	78.4	78.6	78.8	79.4	79.4	79.6	79.7	79.8	79.8	79.8	79.9	80.3
≥ 1000	49.5	75.9	77.6	78.6	79.9	80.1	80.3	80.9	80.9	81.3	81.4	81.5	81.5	81.5	81.6	82.0
≥ 900	49.6	76.9	78.5	79.7	81.1	81.4	81.6	82.2	82.2	82.6	82.7	82.8	82.8	82.8	82.9	83.3
≥ 800	49.6	77.8	79.5	81.2	82.7	83.0	83.2	83.8	83.8	84.2	84.3	84.4	84.4	84.4	84.5	84.9
≥ 700	49.7	78.5	81.2	82.6	84.3	84.6	84.9	85.5	85.5	85.9	86.0	86.1	86.1	86.1	86.2	86.7
≥ 600	50.1	79.6	82.9	84.3	86.1	86.6	86.9	87.4	87.4	87.8	88.0	88.1	88.1	88.1	88.2	88.6
≥ 500	50.1	80.8	84.4	85.8	88.2	88.6	89.2	89.9	89.9	90.3	90.4	90.5	90.6	90.6	90.8	91.2
≥ 400	50.2	81.6	85.9	86.9	90.0	90.5	91.5	92.2	92.3	92.7	93.0	93.1	93.2	93.2	93.3	94.0
≥ 300	50.2	82.1	86.3	87.7	91.3	92.2	93.0	94.0	94.0	94.7	95.2	95.3	95.3	95.3	95.6	96.3
≥ 200	50.2	82.1	86.3	87.7	91.3	92.2	93.0	94.0	94.0	94.7	95.2	95.3	95.3	95.3	95.6	96.3
≥ 100	50.2	82.1	86.3	87.7	91.3	92.2	93.0	94.0	94.0	94.7	95.2	95.3	95.3	95.3	95.6	96.3
≥ 0	50.2	82.1	86.3	87.7	91.3	92.2	93.0	94.0	94.0	94.7	95.2	95.3	95.3	95.3	95.6	96.3

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

14-23
 STATION

WUPING AFB ME
 STATION NAME

70-70
 YEARS

MAY
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-7500
 SOURCE

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0	
NO CEILING	35.7	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	
≥ 25000	38.8	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
≥ 18000	39.3	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
≥ 16000	41.7	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
≥ 14000	41.4	43.1	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	
≥ 12000	41.1	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	
≥ 10000	42.9	46.1	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	
≥ 9000	43.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	
≥ 8000	47.3	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	
≥ 7000	49.1	53.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
≥ 6000	51.1	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
≥ 5000	52.3	57.4	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	
≥ 4500	53.1	58.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
≥ 4000	54.9	61.7	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
≥ 3500	55.9	62.6	63.1	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
≥ 3000	58.3	65.1	67.2	67.4	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
≥ 2500	59.3	68.0	69.4	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
≥ 2000	61.4	69.7	71.2	71.4	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
≥ 1800	61.7	70.0	71.5	71.7	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
≥ 1500	63.7	72.1	73.7	74.1	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
≥ 1200	64.7	73.4	75.1	75.4	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
≥ 1000	65.3	75.5	77.5	78.1	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
≥ 900	65.3	76.3	78.3	78.7	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
≥ 800	67.7	77.8	80.1	80.5	81.5	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
≥ 700	67.3	79.3	81.3	82.3	83.3	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
≥ 600	68.8	81.0	83.7	84.3	85.9	86.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
≥ 500	69.1	81.9	84.6	85.4	87.5	88.6	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
≥ 400	69.6	83.5	86.2	87.0	89.9	91.2	92.4	92.7	93.1	93.3	93.8	93.8	93.8	93.8	93.8	
≥ 300	69.6	84.1	87.1	88.1	91.9	93.7	95.5	95.9	96.5	96.7	97.1	97.1	97.1	97.1	97.1	
≥ 200	69.6	84.2	87.3	88.2	92.3	94.7	95.9	96.6	97.1	97.7	98.3	98.4	98.7	98.7	98.9	
≥ 100	69.6	84.2	87.3	88.2	92.3	94.7	95.9	96.6	97.1	97.7	98.4	98.5	98.8	98.9	99.5	
≥ 0	69.6	84.2	87.3	88.2	92.3	94.7	95.9	96.6	97.1	97.7	98.4	98.5	98.8	99.0	99.5	

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 23 LORING AFB ME

73-76

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
-0001-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
NO CEILING	34.7	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 1800	37.7	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1600	38.7	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 1400	39.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 1200	39.4	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 1000	41.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 900	41.3	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 800	44.7	46.5	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 700	45.7	47.8	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 600	47.3	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 500	48.7	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 450	48.9	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 400	52.5	56.3	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 350	54.5	58.9	59.6	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 300	58.9	63.8	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 250	62.2	67.3	68.2	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 200	64.9	71.0	71.9	71.9	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 180	65.5	71.7	72.5	72.5	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 150	68.1	75.1	75.1	76.2	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 100	69.6	77.7	78.9	79.1	79.9	80.0	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 90	72.2	81.6	82.9	83.4	84.5	84.7	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 80	73.1	83.3	84.6	85.2	86.3	86.7	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 70	74.2	85.9	87.4	88.2	89.5	89.9	90.4	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 60	74.4	86.5	88.3	89.0	90.5	91.1	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 50	74.4	87.6	89.7	91.5	92.2	92.7	93.4	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 40	75.4	89.0	91.5	92.7	93.0	93.5	94.2	94.9	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 30	75.6	89.7	92.3	93.3	93.9	94.5	95.5	96.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 20	75.6	89.7	92.3	93.3	93.9	94.5	95.5	96.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 10	75.6	89.7	92.3	93.3	93.9	94.5	95.5	96.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 0	75.6	89.7	92.3	93.3	93.9	94.5	95.5	96.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8

TOTAL NUMBER OF OBSERVATIONS 930

FEDERAL METEOROLOGICAL SERVICE
 WASHINGTON, D. C.
 AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

STATION 23 LORING AFB ME

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	35.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	37.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
18000	37.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
16000	38.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
14000	39.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
12000	40.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
10000	42.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
9000	43.3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
8000	45.9	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
7000	46.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
6000	47.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
5000	49.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
4500	50.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
4000	54.9	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
3500	60.3	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
3000	64.9	69.1	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
2500	68.7	73.4	73.5	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
2000	73.3	78.5	78.8	79.1	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
1800	73.3	79.2	79.5	79.7	80.4	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
1500	75.3	82.2	82.8	83.1	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
1200	76.7	83.5	84.2	84.7	85.9	86.7	86.8	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
1000	78.1	86.5	86.7	87.3	88.3	89.7	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
900	78.8	86.9	87.4	88.4	89.2	91.1	91.2	91.3	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5
800	79.4	88.1	88.9	89.8	91.5	92.7	92.8	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2
700	79.3	89.1	90.2	91.2	93.5	94.8	95.2	95.5	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7
600	79.3	89.4	90.3	91.3	94.3	95.7	96.3	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6
500	80.1	90.3	91.5	92.6	95.5	97.0	97.3	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0
400	80.1	90.3	91.9	93.1	96.2	97.7	98.4	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2
300	80.1	90.3	92.0	93.3	96.5	98.1	98.7	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8
200	80.1	90.3	92.7	93.4	96.7	98.3	98.9	99.3	99.3	99.3	99.9	100.0	100.0	100.0	100.0	100.0
100	80.1	90.3	92.0	93.4	96.7	98.3	98.9	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
0	80.1	90.3	92.7	93.4	96.7	98.3	98.9	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

1-623 LORING AFB ME

70-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

15-0-170

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥20000	40.5	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥18000	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥16000	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥14000	42.2	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥12000	43.1	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥10000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥9000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥8000	45.3	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥7000	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	49.4
≥6000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥5000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥4500	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
≥4000	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
≥3500	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	54.1	54.1	54.1
≥3000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥2500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥2000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1800	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1600	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1400	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1200	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥1000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥900	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥800	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥700	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥600	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥500	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥400	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥300	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥200	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥100	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2

TOTAL NUMBER OF OBSERVATIONS 936

OFFICE OF CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14 23

LONG ISLAND ME

7-79

NAV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3 0-2.7

CEILING FEET	VISIBILITY STATUTE MILES															
	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4
NO CEILING	34.9	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
20000	38.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
18000	39.1	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
16000	39.6	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
14000	40.0	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
12000	40.4	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
10000	40.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
9000	41.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
8000	41.5	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
7000	41.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
6000	42.3	51.6	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
5000	42.7	52.3	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
4500	43.1	53.0	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
4000	43.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
3500	43.9	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
3000	44.3	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
2500	44.7	55.8	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	55.9
2000	45.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
1500	45.5	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
1000	45.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
900	46.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
800	46.7	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
700	47.1	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
600	47.5	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
500	47.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
400	48.3	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
300	48.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
200	49.1	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
100	49.5	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
0	49.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥	≥0	
NO CEILING	23.8	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	24.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 18000	24.5	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 16000	24.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	24.7	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	24.8	52.3	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
≥ 10000	26.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 9000	26.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	27.1	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 7000	28.3	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 6000	28.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	29.6	67.7	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	29.7	68.6	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 4000	30.9	72.8	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 3500	31.6	75.1	75.4	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 3000	32.5	77.2	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	32.7	78.7	79.1	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 2000	33.1	80.9	81.4	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 1800	33.2	81.1	81.6	82.5	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 1500	33.5	83.1	84.1	84.8	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	33.7	84.1	85.3	86.0	86.7	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1000	33.8	85.7	86.9	87.6	88.3	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	33.9	86.7	87.8	88.6	89.5	89.7	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	34.0	87.6	89.1	89.9	90.9	91.1	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	34.0	88.5	90.2	91.0	92.0	92.3	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 600	34.4	89.6	91.4	92.3	93.5	93.8	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	34.5	89.7	91.7	92.7	94.7	94.9	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	34.6	89.8	92.0	93.1	95.4	95.6	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 300	34.6	90.4	92.7	93.9	96.2	96.8	97.3	97.6	98.0	98.2	98.5	98.5	98.5	98.5	98.6	98.7
≥ 200	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.5	99.5	99.6	99.7	99.8
≥ 100	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.6	99.6	99.7	99.8	100.0
≥ 0	34.6	90.4	92.7	94.1	96.5	97.2	98.0	98.3	98.7	98.9	99.4	99.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LORING AFB ME
STATION NAME

71-79
YEARS

MAY
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	≥¼	≥0.16	≥0	≥0
NO CEILING	30.7	39.8	39.9	39.9	40.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
≥20000	33.7	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9
IV 18000	34.2	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6
IV 16000	34.6	44.6	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	45.0
IV 14000	35.0	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
IV 12000	35.6	46.3	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6
IV 10000	37.2	48.5	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9
IV 9000	37.7	49.2	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.7
IV 8000	40.3	52.9	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4
IV 7000	41.5	54.8	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3
IV 6000	42.5	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8
IV 5000	44.2	59.2	59.4	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.9
IV 4500	44.9	60.3	60.6	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
IV 4000	48.1	64.7	65.2	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.8
IV 3500	50.0	67.4	67.8	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.5
IV 3000	52.7	71.1	71.7	71.9	72.1	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5
IV 2500	54.6	73.8	74.6	74.8	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6
IV 2000	56.2	76.4	77.3	77.6	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5
IV 1800	56.4	76.8	77.8	78.1	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1
IV 1500	57.9	79.2	80.3	80.7	81.3	81.5	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.9
IV 1200	58.7	80.9	82.2	82.6	83.4	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
IV 1000	59.5	82.8	84.3	84.9	86.0	86.3	86.5	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0
IV 900	59.7	83.7	85.3	85.9	87.1	87.5	87.7	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.2
IV 800	60.1	84.8	86.6	87.3	88.6	89.1	89.4	89.5	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.9
IV 700	60.3	85.6	87.7	88.5	90.0	90.6	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.5
IV 600	60.7	86.4	88.8	89.7	91.5	92.1	92.5	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.1
IV 500	60.9	87.2	89.8	90.7	92.9	93.6	94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.9
IV 400	61.0	87.7	90.5	91.4	94.0	94.9	95.6	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.5	96.6
IV 300	61.0	88.0	90.8	91.9	94.8	95.9	96.9	97.4	97.7	97.9	98.1	98.1	98.2	98.2	98.2	98.4
IV 200	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.4	98.7	99.0	99.0	99.1	99.1	99.2	99.4
IV 100	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.5	98.8	99.1	99.2	99.4	99.4	99.5	99.8
IV 0	61.0	88.0	90.9	92.1	95.1	96.3	97.4	98.1	98.5	98.8	99.1	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14423
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

5000-0200
MOSES T.S.

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 0.5	≥ 0.4	≥ 0.3	≥ 0.25	≥ 0.2	≥ 0.15	≥ 0.1
NO CEILING	15.3	48.2	49.3	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.3	49.3	49.4	49.8
≥ 20000	16.8	53.0	50.8	50.9	50.9	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3	51.7
18000	16.9	50.3	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.6	51.6	51.7	52.0
16000	16.9	53.4	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.8	52.1
14000	17.3	51.1	51.9	52.0	52.0	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.4	52.6
12000	17.4	52.8	53.5	53.7	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.1	54.1	54.4
10000	17.9	56.1	56.8	57.0	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.4	57.8
9000	17.9	56.7	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	58.0	58.3
8000	18.2	58.2	59.3	59.2	59.4	59.4	59.6	59.7	59.7	59.8	59.8	59.8	59.9	59.9	60.0	60.3
7000	19.3	60.7	61.4	61.7	61.9	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.8
6000	19.3	63.1	63.9	64.1	64.3	64.3	64.5	64.7	64.7	64.8	64.8	64.8	64.9	64.9	65.0	65.3
5000	19.3	65.7	65.8	66.3	66.8	66.8	67.0	67.1	67.1	67.2	67.2	67.2	67.3	67.3	67.4	67.8
4500	19.9	65.9	66.7	67.2	67.7	67.7	67.9	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.3	68.7
4000	20.2	67.6	68.3	68.9	69.3	69.3	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.1	70.4
3500	20.3	68.1	68.9	69.4	69.9	69.9	70.2	70.3	70.3	70.4	70.4	70.4	70.6	70.6	70.7	71.0
3000	21.8	71.4	72.4	73.1	73.8	73.8	74.1	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.6	74.9
2500	22.2	72.6	73.7	74.3	75.0	75.1	75.4	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	76.2
2000	22.9	74.6	76.1	76.9	77.7	77.8	78.1	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.6	78.9
1800	23.1	75.1	76.0	77.6	78.4	78.6	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.4	79.8
1500	24.1	78.7	79.6	80.7	81.7	81.9	82.3	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.8	83.1
1200	24.3	80.4	82.3	83.2	84.3	84.7	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.6	85.9
1000	24.7	81.9	83.9	84.8	86.2	86.7	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.6	87.9
900	25.2	83.2	85.2	86.1	87.6	88.0	88.4	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.2
800	25.2	83.7	86.2	87.1	88.6	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	90.2
700	25.2	85.7	88.4	89.3	90.9	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.2	92.6
600	25.2	86.3	89.4	90.6	92.2	92.7	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.6	93.9
500	25.2	86.8	90.3	91.6	93.6	94.3	94.9	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.8
400	25.2	87.0	91.0	92.3	94.6	95.3	96.0	96.4	96.6	96.7	96.7	96.7	96.8	96.8	96.9	97.2
300	25.2	87.0	91.0	92.4	94.7	95.4	96.3	96.7	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.8
200	25.2	87.1	91.1	92.7	94.9	95.7	96.6	97.2	97.8	97.9	97.9	97.9	98.0	98.0	98.1	98.6
100	25.2	87.1	91.1	92.7	94.9	95.7	96.7	97.3	98.1	98.4	98.4	98.4	98.4	98.6	98.7	99.0
0	25.2	87.1	91.1	92.7	94.9	95.7	96.7	97.3	98.1	98.6	98.6	98.6	98.7	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-023
STATION

LOPING AFB ME
STATION NAME

70-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	25.7	41.4	40.8	41.0	42.1	42.2	42.3	42.4	42.6	42.9	42.9	42.9	43.0	43.0	43.2	43.3
≥ 20000	27.0	42.4	42.8	43.0	44.3	44.4	44.6	44.7	44.8	45.1	45.2	45.1	45.2	45.2	45.4	45.6
≥ 18000	27.1	42.6	42.9	43.1	44.4	44.6	44.7	44.8	44.9	45.2	45.2	45.2	45.3	45.3	45.6	45.7
≥ 16000	27.1	42.7	43.7	43.2	44.6	44.7	44.8	44.9	45.0	45.3	45.3	45.3	45.4	45.5	45.7	45.8
≥ 14000	27.2	42.9	43.2	43.4	44.6	44.9	45.0	45.1	45.2	45.6	45.6	45.6	45.7	45.7	45.9	46.0
≥ 12000	28.2	44.3	44.7	44.9	46.3	46.4	46.6	46.7	46.8	47.1	47.1	47.1	47.2	47.2	47.5	47.6
≥ 10000	30.4	47.3	47.8	48.1	49.9	50.0	50.1	50.3	50.4	50.9	50.9	50.9	51.0	51.0	51.3	51.4
≥ 9000	31.1	48.1	48.6	48.9	50.7	50.8	50.9	51.1	51.2	51.7	51.7	51.7	51.8	51.8	52.1	52.2
≥ 8000	32.9	50.7	51.3	51.8	53.7	53.8	53.9	54.2	54.3	54.8	54.8	54.8	54.9	54.9	55.2	55.6
≥ 7000	34.8	53.3	54.0	54.4	56.4	56.6	56.7	57.0	57.1	57.6	57.6	57.6	57.7	57.7	58.0	58.3
≥ 6000	35.0	54.2	54.9	55.3	57.3	57.4	57.6	57.9	58.0	58.4	58.4	58.4	58.6	58.6	58.9	59.2
≥ 5000	36.3	57.4	58.8	59.2	61.6	61.7	61.9	62.2	62.3	62.7	62.7	62.8	62.9	62.9	63.2	63.5
≥ 4500	37.3	58.7	60.0	60.4	62.8	62.9	63.1	63.4	63.6	64.0	64.0	64.0	64.1	64.1	64.4	64.8
≥ 4000	38.9	61.4	62.8	63.2	65.7	65.8	66.2	66.7	66.8	67.2	67.2	67.2	67.3	67.3	67.7	68.0
≥ 3500	39.7	62.3	63.8	64.3	66.8	66.9	67.3	67.8	67.9	68.4	68.4	68.4	68.5	68.5	68.9	69.2
≥ 3000	41.0	64.3	65.9	66.6	69.1	69.2	69.7	70.2	70.3	70.9	70.9	70.9	71.0	71.0	71.3	71.7
≥ 2500	41.7	65.9	67.6	68.2	70.9	71.0	71.4	72.0	72.1	72.7	72.7	72.7	72.8	72.8	73.1	73.4
≥ 2000	42.7	67.1	69.0	69.7	72.3	72.4	73.1	73.7	73.8	74.3	74.3	74.3	74.4	74.4	74.8	75.1
≥ 1800	42.9	67.6	69.4	70.1	72.8	72.9	73.6	74.1	74.2	74.8	74.8	74.8	74.9	74.9	75.2	75.6
≥ 1500	43.6	70.3	72.3	73.4	76.3	76.4	77.1	77.7	77.8	78.3	78.3	78.3	78.4	78.4	78.8	79.1
≥ 1200	44.2	71.6	73.8	75.0	77.9	79.1	78.8	79.3	79.4	80.0	80.0	80.0	80.1	80.1	80.4	80.8
≥ 1000	44.8	73.6	76.0	77.2	80.3	80.7	81.3	82.0	82.1	82.7	82.7	82.7	82.8	82.8	83.1	83.4
≥ 900	45.3	74.7	77.1	78.3	81.4	81.8	82.4	83.1	83.2	83.8	83.8	83.8	83.9	83.9	84.2	84.6
≥ 800	45.8	76.4	79.1	80.3	84.0	84.4	85.1	85.8	85.9	86.4	86.4	86.4	86.6	86.6	86.9	87.2
≥ 700	45.9	77.4	80.4	81.7	85.3	85.3	86.4	87.1	87.2	87.8	87.8	87.8	87.9	87.9	88.2	88.6
≥ 600	45.9	77.8	81.0	82.2	86.2	86.7	87.3	88.1	88.2	88.8	88.8	88.8	88.9	88.9	89.2	89.6
≥ 500	45.9	78.9	82.7	83.9	88.9	89.3	90.0	91.0	91.1	91.8	91.8	91.8	92.1	92.1	92.4	92.8
≥ 400	45.9	79.3	83.4	84.9	90.4	91.4	92.3	93.3	93.4	94.2	94.2	94.2	94.6	94.6	94.9	95.2
≥ 300	45.9	79.4	84.1	85.7	91.3	92.3	93.6	94.6	94.7	95.6	95.6	95.6	96.0	96.0	96.4	96.8
≥ 200	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.3	96.3	96.7	96.8	97.2	97.3	97.8	98.3
≥ 100	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.4	96.4	96.8	97.0	97.6	97.9	98.6	99.6
≥ 0	45.9	79.4	84.1	85.7	91.4	92.4	93.8	95.2	95.4	96.4	96.8	97.0	97.6	97.9	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3600-0500
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.16	≥0.1	≥0
NO CEILING	33.1	39.0	39.6	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 20000	35.9	42.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 18000	36.0	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16000	36.0	42.3	43.4	43.4	43.4	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 14000	36.6	43.1	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 12000	38.4	45.1	46.2	46.2	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 10000	41.6	48.8	49.9	49.9	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 9000	41.9	49.3	50.4	50.4	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 8000	44.1	52.3	53.6	53.7	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 7000	46.3	55.3	56.2	56.3	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 6000	47.3	56.2	57.5	57.7	58.2	58.2	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 5000	48.7	58.2	59.6	59.7	60.4	60.4	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500	49.3	59.3	60.7	60.8	61.6	61.7	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 4000	50.6	60.7	62.1	62.2	63.0	63.3	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3500	51.1	61.6	63.0	63.1	63.9	64.3	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 3000	53.3	64.6	66.4	66.7	67.4	67.9	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2500	54.2	65.4	67.3	67.6	68.3	68.8	69.1	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 2000	55.9	67.4	69.6	69.9	70.7	71.1	71.4	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 1800	56.2	67.8	69.9	70.2	71.0	71.4	71.8	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1500	56.1	70.3	72.6	73.0	73.8	74.2	74.6	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1200	58.9	71.8	74.6	74.6	75.3	75.9	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1000	59.1	73.7	76.3	77.2	78.3	79.1	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 900	60.7	74.4	77.1	78.0	79.1	79.9	80.3	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 800	62.2	77.0	80.3	81.3	82.7	83.4	83.9	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 700	63.1	79.2	83.1	84.2	85.7	86.4	86.9	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 600	63.4	80.9	85.0	86.1	87.9	88.9	89.7	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 500	64.2	82.9	87.4	88.6	91.2	92.7	93.6	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 400	64.3	83.3	88.0	89.4	92.8	94.7	95.7	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300	64.3	83.3	88.1	90.1	94.0	95.9	97.1	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
C	64.3	83.4	88.2	90.2	94.2	96.6	97.8	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 JOAFETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS UTC

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	≥5/16	¾	≥0	
NO CEILING	37.3	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥20000	37.5	42.2	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 18000	37.2	42.4	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 16000	37.3	42.6	43.7	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IV 14000	37.9	43.3	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 12000	38.9	45.0	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 10000	41.8	48.3	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 9000	42.6	49.4	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 8000	44.3	51.6	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 7000	45.9	53.1	53.6	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 6000	46.9	54.2	54.7	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 5000	48.1	55.7	56.3	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 4500	48.3	56.0	56.7	56.8	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 4000	50.7	56.4	59.4	59.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 3500	52.4	60.6	61.4	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 3000	57.1	55.7	66.7	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 2500	59.3	69.0	77.2	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
IV 2000	64.2	73.9	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 1800	64.6	74.3	75.9	76.0	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 1500	67.6	78.2	79.9	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
IV 1200	69.4	81.3	83.2	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1000	71.5	83.6	85.8	86.7	87.2	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 900	71.9	84.8	87.3	88.2	88.9	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
IV 800	73.1	87.1	90.1	91.2	92.1	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 700	73.4	88.0	91.4	92.7	93.6	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 600	73.9	89.2	93.2	94.4	95.3	96.0	96.2	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IV 500	74.2	90.0	94.0	95.4	97.1	97.6	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 400	74.2	90.0	94.1	95.9	98.0	98.6	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	74.2	90.0	94.1	96.1	98.3	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

7C-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
0000-1359

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	31.1	34.6	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
IV 20000	37.1	40.9	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 18000	37.3	41.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
IV 16000	37.7	41.4	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 14000	38.2	42.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 12000	39.5	43.5	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 10000	41.0	45.3	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
IV 9000	41.3	45.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 8000	43.5	46.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6
IV 7000	43.3	50.2	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7
IV 6000	45.1	51.1	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7
IV 5000	49.4	54.6	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
IV 4500	49.7	54.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
IV 4000	52.1	57.7	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6
IV 3500	55.9	52.3	64.7	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7
IV 3000	62.1	70.1	72.1	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
IV 2500	66.8	75.4	77.5	78.3	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0
IV 2000	69.7	79.2	81.3	82.1	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 1800	69.7	79.2	81.3	82.1	83.0	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4
IV 1500	72.6	82.3	84.4	85.3	86.3	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1200	74.3	84.8	87.1	88.1	89.4	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 1000	74.8	86.0	88.8	89.9	91.3	91.7	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
IV 900	75.1	86.7	89.4	90.6	92.0	92.3	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
IV 800	76.1	87.7	90.8	92.0	93.7	94.1	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 700	76.7	88.4	91.7	92.9	94.6	95.3	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
IV 600	76.7	89.0	92.2	93.7	95.4	95.9	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	76.9	89.4	92.9	94.3	96.6	97.1	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 400	76.9	89.4	93.0	94.4	96.9	97.7	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 200	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
IV 0	76.9	89.4	93.0	94.4	97.1	98.0	99.1	99.7	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 500

GLOBAL CLIMATOLOGY BRANCH
 USARPETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23

LORING AFB ME

70-79

JUN

STATION

STATION NAME

YEARS

1500-1700
HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	32.2	36.2	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	38.8	44.3	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
IV 18000	40.8	45.9	46.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 16000	42.7	46.2	46.8	47.2	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 14000	41.7	47.3	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
IV 12000	43.1	49.0	49.8	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 10000	45.2	51.2	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
IV 9000	45.9	51.9	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 8000	50.4	57.3	58.2	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
IV 7000	51.7	59.2	59.9	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 6000	53.3	61.1	62.1	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 5000	56.2	64.2	65.3	65.7	65.7	65.7	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
IV 4500	56.9	64.9	65.8	66.3	66.3	66.3	66.4	66.4	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 4000	59.8	68.1	69.7	69.7	69.7	69.8	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 3500	63.3	72.3	73.4	74.1	74.1	74.2	74.3	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 3000	67.3	78.0	79.2	79.9	80.0	80.1	80.2	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	69.0	80.4	82.1	83.2	83.6	83.7	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2000	70.7	82.3	84.1	85.2	85.7	85.8	85.9	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
IV 1800	71.3	82.3	84.6	85.7	86.3	86.3	86.3	86.4	86.4	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 1500	71.7	83.9	85.7	86.9	87.7	87.9	88.1	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6
IV 1200	72.8	85.4	87.3	88.6	89.7	89.9	90.1	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 1000	73.3	86.2	88.2	89.6	90.8	91.0	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 900	73.2	86.7	88.7	90.0	91.7	91.9	92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 800	74.0	88.1	90.6	91.9	93.8	94.1	94.4	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 700	74.4	89.3	92.1	93.4	95.6	95.9	96.2	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	74.6	89.6	92.4	93.9	96.1	96.6	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	74.7	89.9	92.9	94.6	97.2	97.8	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 400	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	74.7	90.0	93.1	95.0	97.8	98.3	98.8	99.3	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523

LORING AFB ME

73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2100
HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	33.4	40.9	41.1	41.3	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	37.7	47.4	47.9	48.3	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 18000	38.8	48.6	49.2	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 16000	38.8	49.7	49.4	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
IV 14000	40.3	50.6	51.0	51.4	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 12000	41.6	53.0	53.4	53.9	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 10000	43.4	55.4	55.9	56.3	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 9000	43.7	56.2	56.7	57.2	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
IV 8000	48.1	62.0	62.8	63.3	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
IV 7000	49.7	64.1	64.9	65.4	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
IV 6000	51.4	65.7	66.4	67.0	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 5000	53.1	68.9	69.8	70.3	71.4	71.4	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
IV 4500	53.8	69.8	70.7	71.2	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
IV 4000	56.2	73.4	74.6	75.1	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
IV 3500	56.7	74.8	75.9	76.6	77.8	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
IV 3000	58.1	79.7	81.0	81.8	83.2	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2500	61.2	81.4	83.1	83.9	85.6	86.1	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
IV 2000	61.9	82.4	84.1	84.9	86.9	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 1800	62.0	82.4	84.3	85.1	87.1	87.7	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 1500	62.9	83.7	85.7	86.4	88.4	89.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1200	63.3	84.4	86.6	87.3	89.3	89.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 1000	63.4	85.6	87.7	88.6	90.9	91.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 900	63.4	86.1	88.2	89.2	91.6	92.1	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
IV 800	63.6	86.7	89.1	90.3	92.7	93.2	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	63.8	87.3	89.9	91.3	93.8	94.4	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 600	64.1	87.8	90.4	91.9	94.3	95.0	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 500	64.2	88.2	91.0	92.6	95.3	96.0	97.2	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 400	64.2	88.6	91.4	93.2	96.3	97.0	98.2	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 300	64.2	88.6	91.4	93.2	96.3	97.0	98.3	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
IV 200	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	64.2	88.6	91.4	93.2	96.3	97.0	98.4	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2370
HOURS

CEILING -FEET-	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	19.1	48.1	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	19.7	51.3	52.4	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 18000	20.0	52.2	53.3	53.6		53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 16000	20.0	52.3	53.4	53.7		53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 14000	20.2	53.3	54.4	54.7	5	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.1	55.1	55.1
IV 12000	20.4	54.4	55.6	55.8	5	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.2	56.2	56.2
IV 10000	20.9	56.7	57.8	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4	58.6	58.6	58.6
IV 9000	20.9	58.0	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.8	59.9	59.9	59.9
IV 8000	21.4	61.9	63.0	63.3	63.6	63.8	63.9	63.9	63.9	64.0	64.1	64.1	64.2	64.3	64.3	64.3
IV 7000	21.8	63.8	65.0	65.3	65.6	65.8	65.8	65.9	65.9	66.0	66.1	66.1	66.2	66.3	66.3	66.3
IV 6000	22.7	65.4	66.8	67.1	67.4	67.6	67.7	67.7	67.7	67.8	67.9	67.9	68.0	68.1	68.1	68.1
IV 5000	24.2	69.1	70.4	70.8	71.2	71.2	71.4	71.4	71.4	71.5	71.7	71.7	71.8	71.9	71.9	71.9
IV 4500	24.9	69.9	71.2	71.6	72.0	72.0	72.3	72.3	72.3	72.4	72.6	72.6	72.7	72.8	72.8	72.8
IV 4000	26.0	73.6	75.2	75.6	76.0	76.0	76.3	76.3	76.3	76.4	76.6	76.6	76.7	76.8	76.8	76.8
IV 3500	26.1	73.8	75.6	75.9	76.4	76.6	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.3	77.3	77.3
IV 3000	27.6	76.7	78.8	79.1	80.0	80.1	80.6	80.6	80.6	80.7	80.8	80.8	80.9	81.0	81.0	81.0
IV 2500	28.0	78.0	80.4	80.9	81.9	82.0	82.4	82.4	82.4	82.6	82.7	82.7	82.8	82.9	82.9	82.9
IV 2000	28.6	79.7	82.2	82.7	83.8	83.9	84.3	84.3	84.3	84.4	84.6	84.6	84.7	84.8	84.8	84.8
IV 1800	28.6	80.1	82.7	83.1	84.2	84.3	84.8	84.8	84.8	84.9	85.0	85.0	85.1	85.2	85.2	85.2
IV 1500	28.7	81.6	84.6	85.0	86.2	86.4	86.9	86.9	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.3
IV 1200	28.9	83.2	86.3	87.1	88.3	88.6	89.0	89.2	89.2	89.3	89.4	89.4	89.6	89.7	89.7	89.7
IV 1000	28.9	84.8	88.1	88.9	90.2	90.4	90.9	91.1	91.1	91.2	91.3	91.3	91.4	91.6	91.6	91.6
IV 900	29.0	85.3	88.8	89.7	91.0	91.3	91.8	92.0	92.0	92.1	92.2	92.2	92.3	92.4	92.4	92.4
IV 800	29.2	86.1	89.7	90.6	91.9	92.2	92.7	92.9	92.9	93.0	93.1	93.1	93.2	93.3	93.3	93.3
IV 700	29.3	87.3	90.9	91.9	93.3	93.7	94.1	94.3	94.3	94.4	94.6	94.6	94.7	94.8	94.8	94.8
IV 600	29.6	88.0	91.7	92.8	94.2	94.7	95.1	95.3	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9
IV 500	29.6	88.3	92.9	94.0	95.7	96.3	96.8	97.2	97.3	97.4	97.6	97.6	97.7	97.8	97.8	97.8
IV 400	29.6	88.3	93.0	94.2	96.1	96.8	97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.4	98.4	98.4
IV 300	29.6	88.3	93.0	94.2	96.1	96.8	97.2	98.1	98.2	98.3	98.4	98.4	98.6	98.7	98.7	98.7
IV 200	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.4	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.3
IV 100	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.6	98.9	99.0	99.4	99.4	99.6	99.8	99.8	100.0
IV 0	29.6	88.3	93.0	94.2	96.1	96.8	97.3	98.6	98.9	99.0	99.4	99.4	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1108

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

19823 LORING AFB ME

70-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	20	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	27.9	40.6	41.1	41.3	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.7	41.7
≥ 20000	31.2	45.1	45.2	46.0	46.2	46.2	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5
≥ 18000	31.7	45.7	45.8	46.3	46.3	46.3	46.3	46.3	46.3	47.0	47.0	47.0	47.0	47.1	47.1	47.2
≥ 16000	31.8	45.8	45.8	46.8	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.3
≥ 14000	32.4	46.7	47.5	47.7	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2
≥ 12000	33.5	48.4	49.2	49.4	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9
≥ 10000	35.3	51.2	51.9	52.2	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.7	52.7	52.8	52.8	52.9
≥ 9000	35.7	51.9	52.7	52.9	53.3	53.3	53.3	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.7
≥ 8000	37.9	55.3	56.1	56.4	57.0	57.0	57.1	57.1	57.1	57.2	57.3	57.3	57.3	57.3	57.4	57.5
≥ 7000	39.3	57.4	58.3	58.6	59.1	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.5	59.5	59.6	59.7
≥ 6000	40.1	58.9	59.6	60.1	60.7	60.7	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.1	61.1	61.2
≥ 5000	41.9	61.5	62.7	63.1	63.8	63.8	63.9	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.3	64.4
≥ 4500	42.5	62.4	63.5	63.8	64.5	64.6	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.2
≥ 4000	44.3	65.1	66.3	66.7	67.4	67.5	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.2
≥ 3500	45.7	67.0	68.3	68.7	69.4	69.5	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.2	70.3
≥ 3000	46.8	71.3	72.9	73.3	74.2	74.4	74.7	74.8	74.8	75.0	75.0	75.0	75.0	75.0	75.1	75.2
≥ 2500	50.4	73.5	75.3	75.8	76.9	77.0	77.3	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.8	77.9
≥ 2000	52.1	76.8	77.7	78.3	79.5	79.7	80.0	80.2	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.6
≥ 1800	52.3	76.2	75.1	78.7	79.9	80.1	80.5	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.1
≥ 1500	53.7	76.5	80.6	81.4	82.7	82.9	83.3	83.5	83.6	83.7	83.7	83.7	83.8	83.8	83.9	83.9
≥ 1200	54.5	80.4	82.6	83.3	84.8	85.2	85.5	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.2	86.3
≥ 1000	55.1	81.9	84.3	85.3	86.9	87.3	87.6	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.5
≥ 900	55.5	82.7	85.2	86.3	87.9	88.3	88.8	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.4	89.5
≥ 800	56.2	84.1	87.0	88.1	89.9	90.3	90.9	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.6	91.7
≥ 700	56.5	85.3	88.5	89.7	91.6	92.0	92.6	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.3	93.4
≥ 600	56.7	86.1	89.4	90.7	92.8	93.3	93.9	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.7
≥ 500	56.9	86.8	90.5	91.9	94.4	95.1	95.8	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8
≥ 400	56.9	87.0	90.9	92.4	95.4	96.2	97.0	97.5	97.6	97.8	97.9	97.9	98.0	98.0	98.1	98.1
≥ 300	56.9	87.0	91.0	92.7	95.7	96.6	97.5	98.2	98.3	98.5	98.6	98.6	98.7	98.7	98.8	98.9
≥ 200	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.4	98.6	98.9	99.0	99.0	99.0	99.1	99.2	99.3
≥ 100	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.5	98.7	99.0	99.2	99.2	99.2	99.3	99.4	99.5
≥ 0	56.9	87.0	91.0	92.7	95.8	96.7	97.7	98.5	98.7	99.0	99.2	99.3	99.4	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23

LORING AFB ME

70-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2+	≥2	≥1+	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥0	
NO CEILING	15.9	49.3	50.8	51.5	52.3	52.4	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4
≥ 20000	17.8	53.3	54.8	55.4	56.4	56.5	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.5	57.6
≥ 18000	17.8	54.1	55.5	56.2	57.2	57.3	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.3
≥ 16000	17.9	54.4	55.9	56.5	57.5	57.6	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.7
≥ 14000	17.9	54.4	56.1	56.6	57.6	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.5	58.6	58.6	58.7	58.8
≥ 12000	18.6	55.8	57.1	58.0	59.2	59.3	59.7	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.4
≥ 10000	20.8	59.7	61.5	62.1	63.4	63.5	63.9	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.6	64.7
≥ 9000	21.0	60.9	62.2	62.9	64.2	64.3	64.7	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.4
≥ 8000	22.0	64.1	65.9	66.5	67.9	68.0	68.5	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.2
≥ 7000	22.4	66.4	68.4	69.0	70.8	71.0	71.5	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.2
≥ 6000	23.0	68.2	70.3	70.9	72.8	73.0	73.4	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.1	74.2
≥ 5000	23.4	70.7	73.2	74.2	76.1	76.3	76.7	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.4	77.5
≥ 4500	23.5	71.4	73.8	74.8	76.7	77.0	77.4	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.1
≥ 4000	23.7	73.0	75.7	76.6	78.7	79.0	79.4	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.1	80.1	80.2
≥ 3500	23.9	74.2	76.9	77.8	79.9	80.2	80.6	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.3	81.4
≥ 3000	23.9	75.7	78.6	79.7	82.0	82.3	82.8	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.5
≥ 2500	24.0	76.0	79.3	80.1	82.5	82.9	83.3	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.1	84.2
≥ 2000	24.4	77.3	80.4	81.5	84.0	84.3	85.3	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.8	85.9
≥ 1800	24.5	77.4	80.5	81.6	84.4	84.9	85.5	86.1	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.2	86.3
≥ 1500	24.5	79.4	82.0	83.1	87.5	88.1	88.6	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.5	89.6
≥ 1200	24.5	79.8	83.4	84.6	89.2	88.7	89.2	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4
≥ 1000	24.5	80.2	83.9	85.0	90.9	89.5	90.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.5	91.6
≥ 900	24.5	80.3	84.1	85.1	91.0	89.6	90.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6	91.7
≥ 800	24.5	81.1	84.7	86.0	90.0	90.5	91.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.9
≥ 700	24.5	81.4	85.3	86.5	91.7	91.4	92.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9	94.0
≥ 600	24.5	81.9	85.9	87.2	91.7	92.4	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.8	94.9
≥ 500	24.5	82.3	86.7	87.9	92.7	93.4	94.7	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.3	96.4
≥ 400	24.7	82.6	87.1	88.4	93.5	94.3	95.6	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.2	97.3
≥ 300	24.7	82.7	87.3	88.8	94.0	94.9	96.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.1	98.2
≥ 200	24.7	82.8	87.4	88.9	94.2	95.2	96.8	98.0	98.2	98.4	98.4	98.6	98.6	98.7	98.7	98.9	99.0
≥ 100	24.7	82.8	87.4	88.9	94.3	95.3	96.9	98.1	98.3	98.5	98.5	98.8	98.8	98.9	99.0	99.2	99.4
≥ 0	24.7	82.8	87.4	88.9	94.3	95.3	96.9	98.1	98.3	98.5	98.8	98.8	98.9	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LCRING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	25.5	41.3	42.8	43.1	44.3	44.8	45.1	45.7	45.7	45.8	46.0	46.0	46.5	46.7	47.3	47.6
≥ 20000	27.8	46.0	48.5	48.3	49.6	50.2	50.4	51.2	51.2	51.3	51.5	51.5	51.9	52.2	52.8	53.1
IV ≥ 18000	28.3	46.6	48.5	48.9	50.2	50.9	51.1	51.8	51.8	51.9	52.2	52.2	52.6	52.8	53.4	53.8
IV 16000	28.3	46.6	48.5	48.9	50.2	50.9	51.1	51.8	51.8	51.9	52.2	52.2	52.6	52.8	53.4	53.8
IV 14000	28.5	47.3	49.2	49.8	51.1	51.7	51.7	52.7	52.7	52.8	53.0	53.0	53.4	53.7	54.3	54.6
IV 12000	29.0	48.0	49.9	50.4	51.7	52.5	52.7	53.5	53.5	53.7	53.9	53.9	54.3	54.5	55.2	55.5
IV 10000	30.4	50.6	52.7	53.2	54.5	55.3	55.5	56.3	56.3	56.5	56.7	56.7	57.1	57.3	58.1	58.4
IV 9000	30.8	51.1	53.1	53.7	54.9	55.7	55.9	56.8	56.8	56.9	57.1	57.1	57.5	57.7	58.5	58.8
IV 8000	34.5	56.6	58.6	59.4	60.6	61.4	61.6	62.5	62.5	62.6	62.8	62.8	63.2	63.4	64.2	64.5
IV 7000	35.4	58.4	60.8	61.5	62.9	63.7	63.9	64.8	64.8	64.9	65.2	65.2	65.6	65.8	66.6	66.9
IV 6000	36.2	59.9	62.3	63.0	64.4	65.2	65.5	66.5	66.5	66.7	66.9	66.9	67.3	67.5	68.3	68.6
IV 5000	37.1	61.9	64.6	65.5	66.9	67.7	68.3	69.2	69.2	69.5	69.7	69.7	70.1	70.3	71.1	71.4
IV 4500	37.8	62.8	65.6	66.6	68.0	68.8	69.4	70.3	70.3	70.5	70.8	70.8	71.2	71.4	72.2	72.5
IV 4000	38.9	64.8	67.7	68.9	71.3	71.4	71.9	72.9	72.9	73.1	73.3	73.3	73.8	74.0	74.7	75.1
IV 3500	39.1	65.4	68.3	69.5	70.9	71.9	72.5	73.4	73.4	73.7	73.9	73.9	74.3	74.5	75.3	75.6
IV 3000	40.2	67.4	70.5	71.9	73.7	74.7	75.4	76.3	76.3	76.6	76.8	76.8	77.2	77.4	78.2	78.5
IV 2500	40.5	68.1	71.5	73.0	75.2	75.3	77.1	78.1	78.1	78.4	78.6	78.6	79.0	79.2	80.0	80.3
IV 2000	40.8	69.1	72.9	74.3	76.9	78.4	79.1	80.2	80.2	80.6	80.9	80.9	81.3	81.5	82.3	82.6
IV 1800	40.9	69.4	73.1	74.5	77.1	78.6	79.4	80.4	80.4	80.9	81.1	81.1	81.5	81.7	82.5	82.8
IV 1500	40.9	70.1	74.2	75.6	78.6	80.2	81.2	82.3	82.3	82.7	82.9	82.9	83.3	83.5	84.3	84.6
IV 1200	41.2	71.0	75.6	77.1	80.4	82.2	83.1	84.2	84.2	84.6	84.8	84.8	85.3	85.5	86.2	86.5
IV 1000	41.2	71.7	76.6	78.1	81.5	83.2	84.3	85.5	85.5	85.9	86.1	86.1	86.6	86.8	87.5	87.8
IV 900	41.4	72.0	76.9	78.4	81.8	83.5	84.6	85.8	85.8	86.2	86.5	86.5	86.9	87.1	87.8	88.2
IV 800	41.5	72.6	77.7	79.5	83.0	84.7	85.9	87.1	87.1	87.5	87.7	87.7	88.2	88.4	89.1	89.5
IV 700	41.5	72.7	77.8	79.6	83.3	85.1	86.3	87.5	87.5	88.0	88.2	88.2	88.6	88.8	89.5	89.9
IV 600	41.5	73.0	78.3	80.2	84.1	85.8	87.1	88.4	88.5	88.9	89.1	89.1	89.6	89.8	90.5	90.9
IV 500	41.6	73.5	78.8	81.0	85.2	87.0	88.6	90.2	90.5	91.0	91.2	91.2	91.6	91.9	92.7	93.1
IV 400	41.6	73.9	79.5	81.7	86.8	88.9	90.8	92.7	93.0	93.4	93.8	93.8	94.2	94.5	95.3	95.8
IV 300	41.6	74.0	79.6	81.8	87.1	89.4	91.5	93.9	94.2	94.6	94.9	94.9	95.4	95.8	96.6	97.2
IV 200	41.6	74.0	79.6	81.8	87.1	89.4	91.8	94.4	94.9	95.8	96.2	96.2	96.9	97.3	98.1	98.9
IV 100	41.6	74.0	79.6	81.8	87.2	89.5	91.9	94.5	95.1	95.9	96.5	96.7	97.3	97.7	98.6	99.8
IV 0	41.6	74.0	79.6	81.8	87.2	89.5	91.9	94.5	95.1	95.9	96.6	96.7	97.3	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0600-1800
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	34.7	41.4	42.6	42.7	43.7	43.7	43.8	43.8	43.8	43.9	43.9	43.9	44.0	44.1	44.1	44.2
≥20000	39.6	46.6	48.2	48.5	49.6	49.6	49.7	49.7	49.7	49.8	49.8	49.8	49.9	50.1	50.1	50.2
IV 18000	40.1	47.2	48.9	49.2	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.8	50.8	50.9
IV 16000	40.3	47.5	49.1	49.4	50.5	50.6	50.7	50.7	50.7	50.8	50.8	50.8	50.9	51.0	51.0	51.1
IV 14000	40.6	47.8	49.5	49.8	50.9	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3	51.5	51.5	51.6
IV 12000	42.1	49.5	51.4	51.9	53.0	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.4	53.5	53.5	53.6
IV 10000	44.2	52.3	54.4	54.7	55.8	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.2	56.3	56.3	56.4
IV 9000	44.6	52.9	54.9	55.2	56.3	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.9	56.9	57.0
IV 8000	48.1	57.2	59.5	60.4	61.5	61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.1	62.1	62.2
IV 7000	50.1	59.7	62.2	63.2	64.4	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.9	65.0	65.0	65.2
IV 6000	50.7	60.6	63.3	64.3	65.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.1	66.2	66.2	66.3
IV 5000	51.9	62.2	64.9	65.9	67.4	67.5	67.7	67.7	67.7	67.9	67.9	67.9	68.0	68.1	68.1	68.2
IV 4500	52.6	63.1	65.8	66.9	68.5	68.5	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.3	69.3	69.4
IV 4000	53.9	64.7	67.4	68.5	70.2	70.5	70.8	70.9	70.9	71.1	71.1	71.1	71.2	71.3	71.3	71.4
IV 3500	54.2	64.9	67.5	68.7	70.4	70.9	71.1	71.2	71.2	71.4	71.4	71.4	71.5	71.6	71.6	71.7
IV 3000	56.6	67.9	70.7	71.7	73.5	74.0	74.2	74.3	74.4	74.6	74.6	74.6	74.8	74.9	74.9	75.3
IV 2500	56.7	68.8	71.7	72.8	74.5	75.2	75.5	75.6	75.7	75.9	75.9	75.9	76.1	76.2	76.2	76.3
IV 2000	57.6	69.9	72.9	74.1	75.9	76.7	77.0	77.1	77.2	77.5	77.5	77.5	77.6	77.7	77.7	77.8
IV 1800	57.6	70.1	73.1	74.4	76.4	77.1	77.5	77.6	77.7	77.9	77.9	77.9	78.0	78.1	78.1	78.2
IV 1500	58.7	72.1	75.3	76.6	78.7	79.6	80.0	80.3	80.4	80.6	80.6	80.6	80.7	80.8	80.8	80.9
IV 1200	59.4	73.2	76.8	78.2	80.7	81.7	82.2	82.4	82.5	82.7	82.7	82.7	82.8	83.0	83.0	83.1
IV 1000	59.9	74.2	78.3	80.3	83.0	83.9	84.5	84.7	84.8	85.0	85.0	85.0	85.1	85.2	85.2	85.3
IV 900	60.2	75.3	79.1	81.0	83.7	84.7	85.2	85.5	85.7	85.9	85.9	85.9	86.0	86.1	86.1	86.2
IV 800	61.1	76.3	80.5	82.5	85.4	86.4	86.9	87.3	87.5	87.7	87.7	87.8	87.8	87.9	87.9	88.0
IV 700	61.2	76.8	81.1	83.2	86.1	87.2	87.7	88.0	88.2	88.5	88.5	88.5	88.6	88.7	88.7	88.8
IV 600	61.4	78.1	82.7	84.8	88.3	89.4	90.1	90.6	90.9	91.2	91.2	91.2	91.3	91.4	91.4	91.5
IV 500	61.6	78.7	83.7	86.0	90.3	91.6	93.0	93.7	94.1	94.3	94.3	94.3	94.4	94.5	94.5	94.7
IV 400	61.6	79.1	84.7	87.1	91.7	93.2	94.9	95.8	96.1	96.3	96.3	96.3	96.4	96.5	96.5	96.8
IV 300	61.6	79.1	84.7	87.1	91.8	93.5	95.3	96.4	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.8
IV 200	61.6	79.1	84.7	87.1	91.8	93.7	95.6	97.0	97.6	97.8	98.1	98.1	98.4	98.5	98.5	99.0
IV 100	61.6	79.1	84.7	87.1	91.8	93.7	95.9	97.4	98.1	98.3	98.5	98.5	98.9	99.0	99.1	100.0
IV 0	61.6	79.1	84.7	87.1	91.8	93.7	95.9	97.4	98.1	98.3	98.5	98.5	98.9	99.0	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

75-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3903-1100
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥.	≥0
NO CEILING	35.3	41.7	42.5	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	43.2	46.0	46.9	47.6	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV ≥ 18000	43.6	46.4	47.4	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
IV 16000	40.3	46.6	47.6	48.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 14000	41.2	47.0	48.2	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 12000	43.1	49.0	50.3	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
IV 10000	45.4	52.0	53.3	53.9	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
IV 9000	46.0	52.6	53.9	54.6	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 8000	48.9	55.9	57.3	57.9	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 7000	50.6	58.4	60.7	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 6000	51.1	59.6	61.2	62.0	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 5000	52.2	60.8	62.4	63.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
IV 4500	52.7	61.4	63.0	63.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
IV 4000	54.7	63.5	65.2	66.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 3500	55.8	64.8	66.6	67.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 3000	50.4	69.8	71.6	72.4	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 2500	53.1	73.2	75.0	76.1	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
IV 2000	65.2	76.0	77.9	79.3	80.9	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1800	65.2	75.2	79.1	79.5	81.2	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
IV 1500	67.2	79.1	81.4	83.0	84.8	85.1	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 1200	68.8	81.7	84.2	86.0	88.3	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IV 1000	69.9	84.0	86.4	88.3	90.9	91.3	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 900	70.1	84.5	87.0	88.8	91.4	91.8	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
IV 800	70.5	85.4	88.1	90.1	92.8	93.2	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
IV 700	70.7	86.0	88.9	90.9	93.6	94.2	94.5	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
IV 600	70.7	86.1	89.0	91.5	94.5	95.2	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
IV 500	71.0	86.9	90.2	92.7	96.1	96.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 400	71.3	87.0	90.3	92.8	96.3	97.4	98.7	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	71.0	87.1	90.4	93.0	96.6	97.6	98.9	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	71.0	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	71.0	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	71.0	87.1	90.4	93.0	96.6	97.8	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523 LORING AFB ME

7L-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
 HOURS (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5/6	≥.5	≥0
NO CEILING	34.9	39.4	41.7	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 20000	41.6	46.6	48.2	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
IV 18000	43.4	48.7	49.6	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
IV 16000	43.2	48.2	49.8	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 14000	43.8	48.9	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 12000	45.1	50.8	52.5	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 10000	47.1	53.5	55.4	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 9000	47.7	54.0	55.8	56.3	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 8000	51.2	58.5	60.3	60.9	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
IV 7000	52.3	59.9	61.7	62.4	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
IV 6000	52.9	60.5	62.4	63.0	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
IV 5000	54.1	61.8	63.7	64.3	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
IV 4500	54.6	62.6	64.4	65.1	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
IV 4000	57.1	65.5	67.3	68.1	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
IV 3500	59.5	68.1	70.2	71.2	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
IV 3000	66.7	75.6	77.8	78.9	81.0	81.4	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2500	69.7	79.5	81.9	83.2	85.5	85.9	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 2000	71.7	82.2	84.7	86.1	88.4	88.8	89.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 1800	71.9	82.7	85.3	86.7	89.0	89.5	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	72.8	84.0	86.6	88.1	90.5	91.0	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
IV 1200	73.5	85.2	88.0	89.6	92.0	92.5	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1000	74.3	86.5	88.9	90.8	93.3	93.8	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 900	74.5	86.2	89.1	91.0	93.7	94.1	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 800	74.6	86.8	89.7	91.7	94.4	94.8	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 700	74.8	87.2	90.3	92.4	95.3	95.8	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 600	74.8	87.2	90.5	92.6	95.7	96.3	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 500	75.2	87.8	91.6	93.8	97.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 400	75.2	87.8	91.6	93.8	97.1	98.3	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 300	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	75.2	87.8	91.6	93.8	97.1	98.6	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

76-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25-1.0	≥.1	≥0	
NO CEILING	37.8	41.5	42.6	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
≥ 20000	45.3	49.5	50.5	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
≥ 18000	46.1	50.3	51.4	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
≥ 16000	46.7	50.9	51.9	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
≥ 14000	47.5	51.9	53.0	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	
≥ 12000	49.1	54.7	55.8	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
≥ 10000	51.3	57.1	58.3	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
≥ 9000	51.8	58.0	59.2	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
≥ 8000	56.6	63.3	64.8	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
≥ 7000	58.6	65.9	67.4	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
≥ 6000	60.0	67.6	69.1	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	
≥ 5000	62.4	70.4	72.2	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	
≥ 4500	62.9	71.3	73.1	74.0	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
≥ 4000	66.0	75.6	77.7	79.1	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
≥ 3500	67.8	77.6	80.0	81.4	82.2	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
≥ 3000	70.9	81.1	83.7	85.3	86.1	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
≥ 2500	72.5	83.3	86.3	88.2	89.5	89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
≥ 2000	73.1	84.3	87.3	89.4	90.8	91.2	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
≥ 1800	73.4	84.6	87.6	89.7	91.1	91.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
≥ 1500	74.4	85.8	88.9	91.5	92.9	93.4	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	
≥ 1200	74.8	86.3	89.6	92.2	93.5	94.3	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	
≥ 1000	75.4	87.5	90.9	93.7	95.3	96.0	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	
≥ 900	75.6	87.7	91.1	94.1	95.7	96.5	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	
≥ 800	75.6	87.8	91.2	94.2	95.8	96.6	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	
≥ 700	75.6	87.8	91.3	94.3	95.9	96.7	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	
≥ 600	75.7	88.0	91.4	94.4	96.0	96.9	97.7	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	
≥ 500	75.7	88.3	92.0	95.2	96.8	97.7	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	
≥ 400	75.7	88.3	92.0	95.3	96.9	97.8	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	
≥ 300	75.7	88.3	92.2	95.4	97.1	98.3	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	
≥ 200	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
≥ 100	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	
≥ 0	75.7	88.3	92.3	95.5	97.2	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

76-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5-16	≥.	≥0
NO CEILING ≥ 20000	35.2 40.8	45.2 52.6	45.5 52.2	45.6 53.1	46.0 53.6	45.0 53.6	45.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6	46.0 53.6
IV 18000 IV 16000	41.5 41.5	53.4 53.4	53.8 53.8	54.1 54.1	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5	54.5 54.5
IV 14000 IV 12000	41.5 43.8	54.2 56.7	54.5 57.7	54.8 57.3	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8	55.3 57.8
IV 10000 IV 9000	45.8 46.8	60.2 61.3	60.9 62.1	61.3 62.8	62.0 63.1	62.0 63.1	62.0 63.1	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3	62.0 63.3
IV 8000 IV 7000	57.9 52.8	66.7 69.5	67.8 70.8	68.4 71.6	69.2 72.4	69.2 72.4	69.2 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6	69.3 72.6
IV 6000 IV 5000	53.2 54.1	70.7 72.4	72.0 73.9	72.7 74.7	73.6 75.5	73.6 75.5	73.7 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0	73.8 76.0
IV 4500 IV 4000	54.7 58.0	73.5 77.9	75.7 79.6	75.9 81.1	76.8 82.5	76.8 82.5	77.0 83.0	77.3 83.0	77.3 83.0	77.3 83.0	77.3 83.1	77.3 83.1	77.3 83.1	77.3 83.1	77.3 83.1	77.3 83.1
IV 3500 IV 3000	59.4 61.0	80.1 82.4	81.9 84.4	83.5 86.2	84.9 87.9	85.0 88.3	85.2 88.6	85.5 88.9	85.5 88.9	85.6 89.3	85.8 89.2	85.8 89.3	85.8 89.3	85.8 89.3	85.8 89.3	85.8 89.3
IV 2500 IV 2000	61.4 62.0	83.3 84.1	85.5 86.2	87.3 88.3	89.2 90.2	90.0 91.1	90.5 91.6	90.8 92.0	90.8 92.0	90.9 92.1	91.2 92.3	91.3 92.5	91.3 92.5	91.3 92.5	91.3 92.5	91.3 92.5
IV 1800 IV 1500	62.0 62.2	84.1 84.8	86.2 87.1	88.3 89.2	90.2 91.2	91.1 92.3	91.6 93.1	92.0 93.5	92.0 93.5	92.1 93.6	92.3 93.9	92.5 94.0	92.5 94.0	92.5 94.0	92.5 94.0	92.5 94.0
IV 1200 IV 1000	62.6 62.8	85.3 86.1	87.7 88.5	89.7 90.7	91.8 92.9	93.0 94.1	93.8 94.8	94.3 95.5	94.3 95.5	94.4 95.6	94.6 95.8	94.7 95.9	94.7 95.9	94.7 95.9	94.7 95.9	94.7 95.9
IV 900 IV 800	62.9 62.9	86.5 86.6	88.9 89.0	91.2 91.4	93.3 93.9	94.5 95.2	95.4 96.0	96.0 96.8	96.0 96.8	96.1 96.9	96.3 97.1	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3	96.4 97.3
IV 700 IV 600	62.9 62.9	87.2 87.4	89.5 89.8	91.9 92.1	94.4 94.6	95.7 95.9	96.7 96.9	97.4 97.8	97.4 97.8	97.5 97.8	97.7 98.0	98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.4	98.0 98.4
IV 500 IV 400	62.9 62.9	87.4 87.4	89.8 89.8	92.3 92.3	94.9 95.2	96.2 96.6	97.4 97.8	98.4 98.8	98.4 98.8	98.6 99.0	98.8 99.2	99.0 99.5	99.0 99.5	99.0 99.5	99.0 99.5	99.0 99.5
IV 300 IV 200	62.9 62.9	87.4 87.4	89.8 89.8	92.5 92.5	95.3 95.3	96.7 96.7	98.0 98.1	98.9 99.0	98.9 99.0	99.0 99.2	99.2 99.5	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7	99.5 99.7
IV 100 IV 0	62.9 62.9	87.4 87.4	89.8 89.8	92.5 92.5	95.3 95.3	96.7 96.7	98.1 98.1	99.0 99.0	99.0 99.4	99.2 99.6	99.5 99.8	99.7 100.0	99.7 100.0	99.7 100.0	99.7 100.0	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

70-79

JUL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2160-2300
 HOURS (LT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1.75	≥1.5	≥1	≥1	≥1	≥1	≥1.0	≥1	≥0
NO CEILING	19.9	52.1	52.8	53.3	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 20000	20.5	55.7	56.4	57.2	58.0	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
≥ 18000	20.5	56.1	56.9	57.6	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9
≥ 16000	20.5	55.2	57.0	57.7	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
≥ 14000	20.5	56.5	57.3	58.1	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
≥ 12000	21.5	58.4	59.1	59.9	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1
≥ 10000	22.5	61.4	62.2	63.0	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 9000	22.2	61.7	62.6	63.3	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6
≥ 8000	23.6	66.3	67.3	68.1	69.0	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4
≥ 7000	24.5	69.9	70.9	71.6	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 6000	24.7	71.4	72.4	73.2	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 5000	25.0	73.1	74.1	75.0	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 4500	25.9	74.6	75.7	76.8	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
≥ 4000	27.7	77.6	78.9	79.9	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8
≥ 3500	28.3	79.4	80.7	81.8	83.3	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 3000	28.9	81.4	83.2	84.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8
≥ 2500	28.9	82.6	84.5	85.7	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.5
≥ 2000	29.6	83.9	86.0	87.3	89.6	89.6	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5
≥ 1800	29.6	83.9	86.2	87.6	90.0	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.9
≥ 1500	29.7	84.4	86.9	88.5	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.2
≥ 1200	29.7	85.3	87.9	89.4	92.6	92.6	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.4
≥ 1000	29.7	85.7	88.5	90.1	93.3	93.3	93.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.5
≥ 900	29.8	86.1	88.9	90.5	93.7	93.7	93.7	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.9
≥ 800	29.8	86.1	88.9	90.5	94.0	94.0	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.5
≥ 700	29.8	86.6	89.4	91.0	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	96.2
≥ 600	29.8	86.7	89.6	91.3	94.9	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	97.0
≥ 500	29.8	86.9	90.2	91.9	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	98.2
≥ 400	29.8	87.1	90.3	92.1	96.1	96.1	96.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.5
≥ 300	29.8	87.5	90.7	92.7	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	99.4
≥ 200	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	99.9
≥ 100	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	100.0
0	29.8	87.5	90.7	92.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0	
NO CEILING	30.1	44.0	45.1	45.4	46.1	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.6	46.6	46.7
≥ 20000	34.2	49.5	50.7	51.2	51.9	52.0	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.5	52.6
≥ 18000	34.7	50.3	51.5	52.0	52.7	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.4	53.4
≥ 16000	34.9	50.5	51.7	52.2	52.9	53.0	53.1	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.6
≥ 14000	35.2	51.1	52.3	52.8	53.5	53.6	53.7	53.9	53.9	53.9	54.0	54.0	54.0	54.1	54.2	54.2	54.3
≥ 12000	35.5	52.0	54.2	54.7	55.5	55.6	55.7	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.2
≥ 10000	38.4	55.9	57.3	57.9	58.7	58.8	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.3	59.4	59.4	59.5
≥ 9000	38.8	56.3	58.0	58.6	59.4	59.5	59.6	59.8	59.8	59.9	59.9	59.9	60.0	60.0	60.1	60.2	60.2
≥ 8000	42.0	61.1	62.7	63.4	64.3	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.9	65.0	65.1	65.1	65.1
≥ 7000	43.3	63.5	65.3	66.0	67.1	67.2	67.4	67.6	67.6	67.6	67.6	67.6	67.7	67.8	67.9	67.9	67.9
≥ 6000	44.0	64.8	66.6	67.4	68.5	68.6	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.2	69.3	69.3	69.4
≥ 5000	45.0	66.7	68.6	69.5	70.7	70.8	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.5	71.6	71.6	71.7
≥ 4500	45.6	67.5	69.5	70.5	71.7	71.9	72.1	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.6	72.7	72.7
≥ 4000	47.3	70.3	72.4	73.6	74.9	75.2	75.5	75.7	75.7	75.7	75.8	75.8	75.9	75.9	76.0	76.0	76.1
≥ 3500	48.5	71.8	74.0	75.2	76.6	77.0	77.2	77.4	77.4	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.9
≥ 3000	51.1	75.2	77.6	78.8	80.6	80.9	81.2	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.9	81.9	82.0
≥ 2500	52.1	76.9	79.4	80.8	82.7	83.2	83.5	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.3	84.3	84.4
≥ 2000	53.1	78.3	81.0	82.5	84.6	85.2	85.6	86.0	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.5
≥ 1800	53.1	78.5	81.3	82.8	84.9	85.5	85.9	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.7	86.7	86.8
≥ 1500	53.8	80.0	82.9	84.6	87.0	87.7	88.2	88.6	88.7	88.7	88.8	88.8	88.9	89.0	89.1	89.1	89.2
≥ 1200	54.3	81.0	84.1	85.9	88.4	89.2	89.8	90.2	90.2	90.3	90.4	90.4	90.5	90.6	90.7	90.7	90.7
≥ 1000	54.7	81.9	85.2	87.1	89.9	90.7	91.3	91.9	91.9	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.4
≥ 900	54.9	82.3	85.6	87.5	90.3	91.1	91.8	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.7	92.8
≥ 800	55.1	82.6	86.2	88.2	91.2	92.0	92.7	93.3	93.3	93.4	93.5	93.5	93.6	93.7	93.8	93.8	93.8
≥ 700	55.1	83.2	86.7	88.7	91.8	92.6	93.4	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.5	94.6
≥ 600	55.2	83.6	87.2	89.3	92.5	93.4	94.3	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.5	95.5	95.6
≥ 500	55.3	84.0	87.9	90.1	93.6	94.5	95.6	96.6	96.7	96.8	96.9	96.9	97.0	97.1	97.2	97.2	97.3
≥ 400	55.3	84.1	88.2	90.4	94.2	95.4	96.6	97.5	97.6	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.3
≥ 300	55.3	84.2	88.3	90.6	94.5	95.8	97.1	98.1	98.3	98.4	98.5	98.5	98.6	98.7	98.7	98.8	99.0
≥ 200	55.3	84.2	88.3	90.6	94.5	95.9	97.3	98.4	98.6	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.7
≥ 100	55.3	84.2	88.3	90.6	94.5	95.9	97.4	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	99.6	100.0
≥ 0	55.3	84.2	88.3	90.6	94.5	95.9	97.4	98.5	98.7	99.0	99.2	99.2	99.4	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LOPING AFB ME

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3000-0200
 MONTH

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	17.2	52.9	54.1	54.6	54.9	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	56.0
≥ 20000	17.4	55.6	57.2	57.8	58.2	58.6	58.9	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.1	59.5
≥ 18000	17.4	55.9	57.5	58.2	58.5	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.5	59.8
≥ 16000	17.4	56.1	57.7	58.4	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.7	60.2
≥ 14000	17.6	56.7	58.4	59.0	59.4	59.8	60.2	60.2	60.2	60.2	60.3	60.3	60.4	60.4	60.5	60.7
≥ 12000	17.7	57.3	59.2	59.9	60.2	60.6	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.3	61.4	61.7
≥ 10000	17.7	59.7	61.4	62.0	62.4	62.8	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.7	64.0
≥ 9000	17.7	60.1	61.8	62.5	62.8	63.2	63.7	63.7	63.7	63.7	63.8	63.8	63.9	63.9	64.1	64.4
≥ 8000	18.2	62.3	64.1	64.8	65.2	65.6	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.5	66.8
≥ 7000	18.7	63.8	65.6	66.6	67.1	67.5	68.1	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.5	68.8
≥ 6000	19.1	64.8	67.1	67.8	68.4	68.9	69.4	69.5	69.5	69.5	69.6	69.6	69.7	69.7	69.9	70.2
≥ 5000	19.3	66.1	68.4	69.1	69.7	70.2	70.6	70.8	70.8	70.8	70.9	70.9	71.0	71.0	71.2	71.5
≥ 4500	19.8	66.8	69.3	69.8	70.3	70.9	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6	71.8	72.2
≥ 4000	20.1	68.6	71.0	71.7	72.3	72.8	73.2	73.3	73.3	73.3	73.4	73.4	73.5	73.5	73.8	74.1
≥ 3500	20.8	70.5	73.2	74.0	74.7	75.3	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.2	76.6
≥ 3000	21.0	72.7	75.7	76.5	77.8	78.4	78.8	79.2	79.2	79.4	79.5	79.5	79.6	79.7	79.9	80.2
≥ 2500	21.1	73.5	77.0	77.8	79.1	79.8	80.2	80.6	80.6	80.8	80.9	80.9	81.0	81.1	81.3	81.6
≥ 2000	21.1	74.1	77.6	78.6	79.9	80.5	81.3	81.6	81.9	82.0	82.4	82.4	82.5	82.6	82.8	83.1
≥ 1800	21.2	74.5	78.1	79.0	80.3	81.1	82.0	82.6	82.7	82.8	83.1	83.1	83.2	83.3	83.5	83.9
≥ 1500	21.3	75.3	79.8	79.9	81.3	82.2	83.1	83.7	83.9	84.0	84.3	84.3	84.4	84.5	84.7	85.1
≥ 1200	21.4	75.9	79.8	80.6	82.0	82.9	84.2	84.7	84.9	85.1	85.4	85.4	85.5	85.6	85.8	86.1
≥ 1000	21.4	76.1	79.8	80.9	82.6	83.9	85.3	86.0	86.2	86.5	86.8	86.8	86.9	87.0	87.2	87.5
≥ 900	21.5	76.3	80.0	81.1	82.8	84.2	85.6	86.3	86.6	86.6	87.1	87.1	87.2	87.3	87.5	87.8
≥ 800	21.5	77.4	81.1	82.3	84.0	85.4	86.8	87.5	87.7	88.0	88.3	88.3	88.4	88.5	88.7	89.0
≥ 700	21.5	77.7	81.5	82.7	84.4	85.9	87.4	88.3	88.5	88.7	89.0	89.0	89.1	89.2	89.5	89.8
≥ 600	21.8	79.0	82.9	84.1	85.8	87.5	89.0	90.0	90.2	90.4	90.8	90.8	90.9	91.0	91.2	91.5
≥ 500	21.8	80.1	84.2	85.7	87.6	89.6	91.2	92.4	92.7	92.9	93.2	93.2	93.3	93.4	93.7	94.0
≥ 400	21.8	80.3	84.6	86.2	88.6	90.6	92.4	93.9	94.3	94.6	94.9	94.9	95.1	95.2	95.4	95.7
≥ 300	21.8	80.9	84.8	86.6	89.2	91.4	93.1	95.3	96.0	96.7	97.1	97.1	97.3	97.4	97.6	98.0
≥ 200	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.8	96.9	97.5	98.1	98.3	98.5	98.6	99.0	99.5
≥ 100	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.9	97.0	97.6	98.3	98.5	98.7	98.9	99.5	100.0
≥ 0	21.8	80.6	84.9	86.7	89.7	91.8	93.5	95.9	97.0	97.6	98.3	98.5	98.7	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523 LORING AFB ME

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS - MST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	22.5	48.5	49.8	57.3	51.0	51.3	51.9	52.3	52.6	52.7	52.8	52.9	53.1	53.2	53.2	
≥ 20000	23.3	51.2	52.6	53.1	54.3	54.3	55.4	55.9	56.2	56.3	56.5	56.5	56.6	56.8	56.9	57.2
IV 18000	23.4	51.3	52.7	53.2	54.1	54.4	55.6	56.1	56.5	56.6	56.7	56.7	56.8	56.9	57.0	57.2
IV 16000	23.4	51.4	52.9	53.3	54.2	54.5	55.7	56.2	56.6	56.7	56.8	56.8	56.8	56.9	57.1	57.2
IV 14000	23.5	52.2	53.5	54.1	54.9	55.3	56.6	57.1	57.4	57.5	57.6	57.6	57.7	58.0	58.1	58.2
IV 12000	24.4	53.4	54.8	55.6	56.5	56.8	58.1	58.6	58.9	59.3	59.1	59.1	59.2	59.5	59.6	59.7
IV 10000	25.4	55.9	57.3	58.2	59.2	59.6	60.9	61.4	61.7	61.9	62.3	62.3	62.4	62.4	62.5	62.6
IV 9000	25.5	56.2	57.6	58.5	59.6	59.9	61.2	61.7	62.3	62.3	62.4	62.4	62.5	62.7	62.8	62.9
IV 8000	27.1	59.0	60.8	61.5	62.8	63.1	64.5	65.1	65.4	65.6	65.7	65.7	65.8	66.3	66.1	66.2
IV 7000	27.1	59.5	61.5	62.8	64.1	64.4	65.8	66.3	66.7	66.9	67.3	67.3	67.1	67.3	67.4	67.5
IV 6000	27.5	60.4	62.7	63.7	64.9	65.3	66.7	67.2	67.5	67.7	67.8	67.8	68.0	68.2	68.3	68.4
IV 5000	28.4	61.8	64.1	65.2	66.5	66.9	68.4	68.9	69.2	69.5	69.6	69.6	69.7	69.9	70.3	70.2
IV 4500	28.5	62.0	64.4	65.6	66.9	67.3	68.8	69.4	69.7	69.9	70.0	70.0	70.1	70.3	70.4	70.6
IV 4000	28.9	64.1	66.7	67.8	69.1	69.6	71.1	71.6	71.9	72.2	72.3	72.3	72.4	72.6	72.7	72.9
IV 3500	29.6	65.9	68.6	70.0	71.4	71.8	73.3	73.9	74.2	74.4	74.5	74.5	74.6	74.8	74.9	75.2
IV 3000	30.1	67.6	70.6	72.0	73.4	73.9	75.4	76.2	76.3	76.9	77.0	77.0	77.1	77.3	77.4	77.6
IV 2500	30.2	68.5	71.6	73.1	74.7	75.2	76.9	77.5	77.8	78.4	78.5	78.5	78.6	78.8	79.9	79.1
IV 2000	30.5	69.7	73.1	74.6	76.3	76.8	78.6	79.2	79.6	80.1	80.2	80.2	80.3	80.5	80.6	80.9
IV 1800	30.8	70.0	73.3	74.9	76.8	77.2	79.0	79.7	80.0	80.5	80.6	80.6	80.8	81.0	81.1	81.3
IV 1500	31.0	70.9	74.2	75.8	77.8	78.3	80.1	80.9	81.2	81.7	81.8	81.8	81.9	82.2	82.3	82.5
IV 1200	31.1	71.6	74.9	76.7	78.7	79.1	81.3	82.2	82.5	83.0	83.1	83.1	83.2	83.4	83.5	83.8
IV 1000	31.3	72.6	75.9	77.7	80.3	80.8	82.9	84.0	84.4	85.1	85.2	85.2	85.3	85.5	85.6	85.8
IV 900	31.4	72.8	76.1	78.1	80.6	81.1	83.2	84.3	84.7	85.4	85.5	85.5	85.6	85.8	85.9	86.1
IV 800	31.5	73.2	76.7	78.6	81.5	82.2	84.4	85.5	86.0	86.7	86.8	86.8	86.9	87.1	87.2	87.4
IV 700	31.5	73.9	77.3	79.2	82.2	82.8	85.1	86.2	86.8	87.4	87.5	87.5	87.6	87.8	88.0	88.2
IV 600	31.6	74.0	77.6	79.6	82.7	83.3	85.6	86.9	87.6	88.3	88.4	88.4	88.5	88.7	88.8	89.0
IV 500	31.6	74.4	78.7	80.8	84.1	84.8	87.2	88.5	89.2	89.9	90.0	90.0	90.1	90.3	90.4	90.6
IV 400	31.6	75.2	79.6	81.7	85.2	86.2	88.9	90.5	91.4	92.2	92.4	92.4	92.5	92.7	92.8	93.0
IV 300	31.6	75.5	80.1	82.4	86.2	87.5	90.5	92.5	93.8	94.7	95.3	95.3	95.5	95.8	96.0	96.5
IV 200	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.7	96.0	96.8	97.1	97.8	98.2	98.3	98.7
IV 100	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.8	96.1	97.0	97.3	98.2	98.5	98.9	99.9
IV 0	31.6	75.5	80.1	82.4	86.2	87.6	91.1	93.3	94.8	96.1	97.0	97.3	98.2	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

4UG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	35.7	42.9	43.9	44.7	45.9	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	47.1
IV 20000	39.6	47.5	48.6	49.7	51.2	51.7	52.3	52.6	52.6	52.6	52.7	52.7	52.7	52.8	52.8	53.0
IV 18000	41.1	48.1	49.1	50.2	51.7	52.3	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.5
IV 16000	40.2	48.3	49.4	50.4	51.9	52.5	53.0	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.6
IV 14000	40.2	48.5	49.8	51.0	52.5	53.1	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.2	54.2	54.4
IV 12000	41.4	50.1	51.4	52.7	54.5	55.1	55.6	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.3
IV 10000	43.7	53.2	54.6	56.1	58.3	58.8	59.4	59.8	59.8	59.8	59.8	59.9	59.9	59.9	60.0	60.2
IV 9000	43.8	53.5	54.9	56.5	58.6	59.1	59.7	60.1	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.5
IV 8000	45.7	55.7	57.1	58.6	61.3	62.2	62.7	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.7
IV 7000	47.2	57.2	58.7	60.2	62.9	63.8	64.3	64.8	64.8	64.8	64.8	64.9	64.9	65.1	65.1	65.3
IV 6000	47.7	57.8	59.4	60.9	63.5	64.4	64.9	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	66.0
IV 5000	48.6	59.5	61.0	62.5	65.2	66.0	66.6	67.2	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.6
IV 4500	49.0	63.0	61.6	63.1	65.8	66.7	67.2	67.8	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.3
IV 4000	50.0	62.3	64.1	65.7	68.5	69.4	70.0	70.6	70.6	70.6	70.8	70.8	70.8	70.9	70.9	71.1
IV 3500	50.5	63.1	65.1	66.7	69.5	70.3	71.0	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	72.0
IV 3000	52.8	65.5	67.6	69.2	72.4	73.3	74.0	74.7	74.7	74.8	74.9	74.9	74.9	75.1	75.1	75.3
IV 2500	54.5	67.6	69.8	71.4	74.6	75.9	76.5	77.3	77.3	77.4	77.5	77.5	77.5	77.6	77.6	77.8
IV 2000	55.4	68.8	71.0	72.7	75.9	77.3	78.0	78.8	78.8	78.9	79.0	79.0	79.0	79.1	79.1	79.4
IV 1800	55.8	69.0	71.2	72.9	76.2	77.7	78.4	79.2	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.8
IV 1500	56.3	70.3	72.6	74.3	77.7	79.4	80.0	80.9	80.9	81.0	81.2	81.2	81.2	81.3	81.3	81.5
IV 1200	56.8	71.2	73.4	75.3	78.9	80.5	81.2	82.0	82.0	82.2	82.4	82.4	82.4	82.5	82.5	82.7
IV 1000	58.1	72.8	75.3	77.1	80.9	82.5	83.1	84.2	84.2	84.3	84.5	84.5	84.5	84.6	84.6	84.8
IV 900	58.5	73.2	75.7	77.6	81.5	83.3	84.1	85.2	85.2	85.3	85.5	85.5	85.5	85.6	85.6	85.8
IV 800	58.8	73.5	76.5	78.6	82.6	84.6	85.5	86.6	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.2
IV 700	59.0	74.1	76.8	78.9	82.9	84.9	85.3	86.9	87.0	87.1	87.3	87.3	87.3	87.4	87.4	87.6
IV 600	59.2	75.3	78.0	80.1	84.5	87.0	87.2	88.9	89.0	89.1	89.4	89.4	89.4	89.5	89.5	89.7
IV 500	59.2	75.6	79.1	81.5	86.2	89.1	89.3	91.5	91.6	91.7	91.9	91.9	91.9	92.0	92.0	92.4
IV 400	59.4	75.9	80.1	82.6	87.8	91.4	92.9	94.1	94.2	94.3	94.5	94.5	94.6	94.7	94.8	95.2
IV 300	59.4	76.2	80.6	83.4	88.9	92.8	94.6	95.9	96.1	96.7	97.7	97.7	97.7	97.8	98.0	98.4
IV 200	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.6	98.6	98.6	98.9	99.0	99.4
IV 100	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.6	98.6	98.6	98.9	99.0	99.9
IV 0	59.4	76.2	80.6	83.4	88.9	92.8	94.6	96.1	96.5	97.2	98.6	98.6	98.6	98.9	99.0	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14223
STATION

LOPING AFB ME
STATION NAME

7J-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1953-1100
HOURLY

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	36.3	39.6	43.1	46.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥20000	42.7	46.6	47.1	47.6	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 18000	42.7	47.3	47.8	48.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 16000	42.7	47.3	47.8	48.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 14000	43.1	47.8	48.4	49.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000	43.9	48.7	49.2	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 10000	45.9	51.9	51.9	52.7	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 9000	46.2	52.0	52.7	53.4	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 8000	48.9	55.5	56.1	57.0	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
IV 7000	50.4	57.6	58.3	59.2	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
IV 6000	53.8	58.3	58.9	59.9	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 5000	51.3	59.1	59.8	60.8	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
IV 4500	51.3	59.2	60.0	61.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
IV 4000	52.8	61.3	62.4	63.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
IV 3500	54.6	63.8	64.8	66.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
IV 3000	58.4	68.5	69.7	71.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 2500	62.5	72.9	74.1	75.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	64.6	75.7	77.1	79.0	81.6	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 1800	64.9	76.1	77.5	79.5	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1500	66.6	78.0	79.5	81.4	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
IV 1200	67.3	79.1	80.9	83.0	85.9	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1000	68.7	80.8	82.6	84.7	87.7	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
IV 900	68.6	81.6	83.4	85.7	88.8	89.4	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
IV 800	69.5	83.0	84.8	87.1	90.4	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 700	70.3	84.2	86.1	88.4	91.7	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 600	70.6	85.1	87.1	89.4	92.9	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 500	73.9	85.9	88.0	90.4	94.6	95.5	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
IV 400	71.1	86.2	88.4	91.3	95.6	97.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	71.1	86.3	88.5	91.4	95.8	97.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 200	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	71.1	86.3	88.5	91.4	95.9	98.0	98.9	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 937

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623

LORING AFB ME

70-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	35.4	39.1	39.2	39.2	39.6	39.6	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 20000	42.1	46.5	46.6	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 18000	42.8	47.2	47.3	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 16000	43.0	47.4	47.5	47.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	43.4	48.0	48.1	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000	44.9	49.6	49.7	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 10000	46.5	51.3	51.4	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 9000	47.7	52.6	52.7	52.9	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 8000	50.1	55.9	55.3	56.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 7000	51.7	58.1	58.6	59.1	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	52.9	59.5	60.0	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 5000	54.7	61.5	62.0	62.6	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 4500	55.6	62.6	63.1	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 4000	57.5	65.4	65.9	66.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 3500	59.5	67.3	68.0	68.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 3000	65.2	76.1	77.0	78.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 2500	69.2	79.4	80.3	81.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	71.5	82.3	83.3	84.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 1800	71.5	82.3	83.3	84.5	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	72.9	84.6	85.7	87.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	76.0	85.9	87.2	88.9	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1000	74.7	87.3	88.5	91.0	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 900	75.3	87.8	89.4	91.5	94.3	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 800	75.5	89.0	90.8	93.0	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	76.1	89.4	91.5	93.9	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	76.3	89.7	91.9	94.3	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	76.5	89.8	92.3	94.6	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	76.5	89.8	92.3	94.6	98.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	76.5	89.8	92.3	94.6	98.5	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23

LOPING AFB ME

70-70

AGE

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12
NO CEILING	40.1	43.3	43.2	43.6	44.6	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	47.3	51.5	52.1	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
N 18000	48.3	52.9	53.3	53.3	54.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
N 15000	48.9	53.1	53.4	53.4	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
N 14000	49.9	54.1	54.5	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
N 12000	51.3	55.6	56.1	56.1	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
N 10000	53.4	58.1	58.7	58.8	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
N 9000	54.0	58.5	59.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
N 8000	56.1	61.4	62.3	62.4	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
N 7000	58.1	64.0	65.2	65.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
N 6000	59.2	65.4	66.6	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
N 5000	61.1	67.2	68.6	68.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
N 4500	62.3	68.6	70.1	70.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
N 4000	64.3	71.6	73.2	73.3	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
N 3500	67.3	75.3	76.9	77.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
N 3000	72.2	80.2	82.0	82.3	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
N 2500	73.9	82.7	84.5	84.7	86.5	86.5	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
N 2000	74.7	84.1	85.9	86.1	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
N 1800	74.7	84.1	85.1	85.3	88.3	88.3	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
N 1500	76.1	86.6	88.7	89.1	91.3	91.4	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
N 1200	76.5	87.7	90.1	90.4	92.8	93.2	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
N 1000	76.7	88.2	90.6	91.5	94.0	94.4	94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
N 900	76.9	88.4	90.9	91.8	94.4	94.5	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
N 800	77.2	88.9	91.4	92.6	95.4	95.1	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
N 700	77.6	89.7	92.2	93.3	96.2	97.2	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
N 600	77.6	89.8	92.3	93.4	96.3	97.3	97.6	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
N 500	77.6	90.2	92.7	93.9	96.9	97.8	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
N 400	77.7	90.4	92.9	94.1	97.2	98.2	98.7	98.7	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
N 300	77.7	90.4	92.9	94.1	97.4	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
N 200	77.7	90.4	92.9	94.1	97.4	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
N 100	77.7	90.4	92.9	94.1	97.4	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7
N 0	77.7	90.4	92.9	94.1	97.4	98.4	98.9	98.9	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14.23 LORING AFB ME

70-79

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS-151

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0	≥0
NO CEILING	34.7	48.6	49.3	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	38.9	56.6	57.3	57.6	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 18000	39.7	57.3	58.1	58.4	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 16000	39.8	57.4	58.2	58.5	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IV 14000	40.3	59.0	59.8	61.1	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
IV 12000	42.0	60.9	61.7	62.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
IV 10000	43.2	63.0	63.9	64.4	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 9000	43.5	63.8	64.6	65.2	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 8000	44.4	65.3	66.3	66.9	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 7000	45.2	66.9	68.2	68.7	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IV 6000	46.3	68.5	69.8	70.3	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
IV 5000	47.1	70.1	71.4	71.9	72.8	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4500	48.4	71.8	73.2	73.8	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 4000	50.4	75.3	76.7	77.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3500	51.8	77.4	78.8	79.8	80.8	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
IV 3000	53.2	79.9	81.3	82.4	83.5	84.2	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 2500	54.4	82.2	83.8	84.8	85.1	86.8	87.5	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
IV 2000	54.9	83.1	84.8	85.9	87.3	88.0	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
IV 1800	55.1	83.2	85.1	86.1	87.5	88.2	89.0	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 1500	55.8	84.3	85.5	87.5	89.2	90.0	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1200	56.1	85.3	87.5	88.6	90.3	91.2	92.2	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 1000	56.1	86.3	88.9	90.2	92.7	93.5	94.5	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 900	56.1	86.5	89.3	90.4	92.9	93.8	94.7	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 800	56.2	87.1	89.8	91.3	94.1	94.9	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 700	56.2	87.1	89.8	91.4	94.3	95.3	96.3	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
IV 600	56.2	87.1	89.9	91.5	94.7	95.7	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 500	56.2	87.3	90.4	92.2	95.5	96.5	97.8	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 400	56.2	87.3	90.5	92.4	95.7	96.8	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 300	56.2	87.3	90.5	92.4	95.7	96.8	98.5	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
IV 200	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	56.2	87.3	90.5	92.4	95.8	96.9	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023
 STATION

LORING AFB ME
 STATION NAME

70-79
 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	≥1	≥0
NO CEILING	19.9	54.0	54.5	55.0	55.2	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.7
≥ 20000	20.8	59.0	59.6	60.3	60.7	60.7	60.7	60.8	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.1
IV 18000	20.8	59.1	59.7	60.4	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2
IV 16000	20.8	59.1	59.7	60.4	60.8	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.2
IV 14000	20.9	59.5	60.2	60.8	61.2	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0
IV 12000	21.0	61.1	61.8	62.4	62.9	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.6
IV 10000	21.5	62.6	63.3	63.9	64.4	64.7	64.7	64.8	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.1
IV 9000	21.5	63.2	63.8	64.5	64.9	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.6	65.7
IV 8000	22.7	67.6	68.6	69.2	69.6	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.4
IV 7000	22.8	68.6	69.5	70.2	70.6	70.9	70.9	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.4
IV 6000	23.0	69.6	70.5	71.3	71.9	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.7
IV 5000	23.5	70.7	71.9	72.6	73.1	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.8
IV 4500	23.7	71.2	72.3	73.1	73.6	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.4
IV 4000	24.3	73.7	75.7	75.8	76.5	76.9	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.6
IV 3500	24.5	74.9	76.3	77.5	78.4	78.7	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.4
IV 3000	24.5	76.5	78.4	80.3	81.4	81.8	82.1	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9	83.0
IV 2500	25.0	77.7	79.7	81.6	82.7	83.2	83.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4
IV 2000	25.0	78.7	80.5	82.6	83.6	84.3	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7
IV 1800	25.0	78.6	80.9	83.0	84.1	84.7	85.1	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1
IV 1500	25.3	79.5	82.7	84.1	85.6	86.2	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7
IV 1200	25.6	80.7	83.2	85.3	86.8	87.4	87.9	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
IV 1000	25.6	81.3	84.7	86.1	87.6	88.3	88.9	89.7	89.8	89.8	89.8	89.8	89.8	89.9	90.0	90.1
IV 900	25.7	81.8	84.5	86.7	89.3	88.9	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.7
IV 800	25.7	82.5	85.4	87.6	89.2	89.9	90.5	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.6	91.7
IV 700	25.7	82.6	85.5	87.7	89.5	90.3	91.1	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.1	92.2
IV 600	25.8	83.2	86.4	88.7	90.6	91.7	92.5	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.8	93.9
IV 500	25.8	83.6	86.9	89.1	91.5	92.7	93.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.8	94.9
IV 400	25.8	83.7	87.2	89.5	92.1	93.4	94.5	95.8	95.9	96.7	96.7	96.7	96.7	96.8	96.9	97.0
IV 300	25.8	83.7	87.2	89.5	92.1	93.6	95.2	96.8	97.2	97.5	97.5	97.5	97.5	97.7	97.8	98.0
IV 200	25.8	83.7	87.2	89.6	92.2	93.9	95.6	97.6	98.5	98.8	98.8	98.8	98.8	99.0	99.1	99.4
IV 100	25.8	83.7	87.2	89.6	92.2	94.1	95.9	98.0	98.8	99.1	99.1	99.1	99.1	99.4	99.5	99.8
IV 0	25.8	83.7	87.2	89.6	92.2	94.1	95.9	98.0	98.8	99.1	99.1	99.1	99.1	99.4	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

76-79
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURENCE
 (FROM HOURLY OBSERVATIONS)

ALL
HOURS TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥.16	≥.1	≥0
NO CEILING	36.2	45.1	45.8	47.2	47.7	47.9	48.0	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.3	48.3
≥ 20000	34.0	51.8	52.6	53.1	53.8	54.0	54.2	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.7
IV 18000	34.5	52.4	53.2	53.7	54.4	54.6	54.8	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.3
IV 16000	34.5	52.5	53.3	53.8	54.5	54.7	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.4
IV 14000	34.9	53.2	54.1	54.6	55.3	55.5	55.8	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.3
IV 12000	35.8	54.6	55.5	56.1	56.9	57.1	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8
IV 10000	37.2	56.9	57.8	58.5	59.4	59.6	59.9	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.4
IV 9000	37.5	57.5	58.4	59.1	60.0	60.2	60.5	60.7	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0
IV 8000	39.1	60.3	61.4	62.1	63.2	63.4	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2
IV 7000	40.2	62.0	63.3	64.0	65.1	65.4	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.2
IV 6000	40.8	63.0	64.4	65.2	66.2	66.5	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.3
IV 5000	41.8	64.5	65.9	66.7	67.8	68.1	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.9	69.0
IV 4500	42.3	65.3	66.7	67.5	68.7	69.0	69.3	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7	69.8
IV 4000	43.6	67.8	69.4	70.2	71.5	71.8	72.2	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.7	72.8
IV 3500	44.9	69.8	71.5	72.5	73.9	74.2	74.6	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.2
IV 3000	47.3	73.4	75.3	76.5	78.1	78.5	79.0	79.3	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7
IV 2500	48.9	75.6	77.6	78.8	80.5	81.0	81.5	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.2	82.3
IV 2000	49.7	77.0	79.2	80.5	82.4	82.9	83.5	83.9	83.9	84.1	84.1	84.1	84.1	84.2	84.3	84.4
IV 1800	49.8	77.2	79.4	80.8	82.7	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.5	84.6	84.7	84.8
IV 1500	50.7	78.7	81.0	82.4	84.5	85.2	85.8	86.2	86.3	86.4	86.5	86.5	86.5	86.6	86.7	86.8
IV 1200	51.1	79.7	82.1	83.6	85.8	86.5	87.3	87.7	87.8	87.9	88.0	88.0	88.0	88.1	88.2	88.3
IV 1000	51.5	80.7	83.2	84.9	87.4	88.2	89.0	89.5	89.6	89.8	89.8	89.8	89.8	89.9	90.0	90.1
IV 900	51.8	81.1	83.6	85.4	88.0	88.7	89.6	90.1	90.2	90.3	90.4	90.4	90.4	90.5	90.6	90.7
IV 800	52.1	81.9	84.5	86.4	89.2	90.1	90.9	91.4	91.5	91.7	91.8	91.8	91.8	91.9	91.9	92.1
IV 700	52.3	82.3	85.1	86.9	89.8	90.8	91.7	92.2	92.4	92.5	92.6	92.6	92.6	92.7	92.8	92.9
IV 600	52.4	82.9	85.8	87.6	90.7	91.8	92.7	93.3	93.5	93.7	93.7	93.7	93.8	93.9	93.9	94.0
IV 500	52.5	83.4	86.5	88.5	91.8	93.1	94.2	95.0	95.2	95.3	95.4	95.4	95.5	95.5	95.6	95.7
IV 400	52.5	83.6	86.9	89.0	92.6	94.1	95.4	96.3	96.6	96.8	96.9	96.9	96.9	97.0	97.1	97.2
IV 300	52.5	83.7	87.1	89.3	93.0	94.7	96.2	97.3	97.7	98.1	98.4	98.4	98.5	98.5	98.7	98.8
IV 200	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.6	98.2	98.6	99.0	99.1	99.2	99.3	99.4	99.6
IV 100	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.7	98.2	98.7	99.1	99.2	99.4	99.5	99.7	99.9
IV 0	52.5	83.7	87.1	89.3	93.1	94.9	96.4	97.7	98.2	98.7	99.1	99.2	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14625 LOPING AFB ME

73-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-0200
 HOURS - L.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	19.3	48.2	48.6	48.6	49.3	49.7	49.8	49.9	50.0	50.2	50.3	50.3	50.4	50.4	50.4	50.4
≥ 20000	19.7	50.3	50.7	50.7	51.4	51.9	52.0	52.1	52.2	52.4	52.6	52.6	52.7	52.7	52.7	52.7
IV 18000	20.4	50.8	51.1	51.1	51.9	52.3	52.4	52.6	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1
IV 16000	20.9	50.8	51.1	51.1	51.9	52.3	52.4	52.6	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1
IV 14000	20.1	51.1	51.4	51.4	52.2	52.7	52.8	52.9	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.4
IV 12000	20.3	52.4	52.8	52.8	53.6	54.3	54.1	54.2	54.3	54.6	54.7	54.7	54.8	54.8	54.8	54.8
IV 10000	21.0	54.1	54.4	54.4	55.2	55.7	55.8	55.9	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.4
IV 9000	21.3	55.1	55.4	55.4	56.2	56.7	56.8	56.9	57.0	57.2	57.3	57.3	57.4	57.4	57.4	57.4
IV 8000	23.1	59.7	60.0	60.0	60.8	61.2	61.3	61.4	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0
IV 7000	23.4	61.2	61.6	61.6	62.3	62.9	63.2	63.3	63.4	63.7	63.8	63.8	63.9	63.9	63.9	63.9
IV 6000	23.8	62.9	63.2	63.2	64.2	64.8	65.1	65.2	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.8
IV 5000	24.2	65.0	65.3	65.3	66.3	66.9	67.2	67.3	67.4	67.7	67.8	67.8	67.9	67.9	67.9	67.9
IV 4500	24.4	65.8	66.1	66.1	67.1	67.7	68.0	68.1	68.2	68.4	68.6	68.6	68.7	68.7	68.7	68.7
IV 4000	26.6	70.9	71.6	71.7	72.7	73.2	73.7	73.8	73.9	74.1	74.2	74.2	74.3	74.3	74.3	74.3
IV 3500	27.0	72.9	73.6	73.7	74.7	75.2	75.7	75.8	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3
IV 3000	28.0	76.0	76.8	77.0	78.0	78.6	79.3	79.1	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7
IV 2500	28.6	77.0	77.8	78.1	79.1	79.7	80.1	80.2	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8
IV 2000	28.8	78.1	79.1	79.4	80.4	81.0	81.4	81.6	81.7	81.9	82.0	82.0	82.1	82.1	82.1	82.1
IV 1800	28.8	78.2	79.2	79.6	80.6	81.1	81.6	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2
IV 1500	28.8	79.9	81.1	81.6	82.7	83.3	83.9	84.0	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.6
IV 1200	28.8	80.9	82.3	82.8	84.1	84.8	85.3	85.4	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0
IV 1000	28.9	81.3	82.9	83.3	84.7	85.3	86.1	86.2	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9
IV 900	29.9	81.7	83.3	83.7	85.0	85.7	86.4	86.6	86.7	86.9	87.1	87.1	87.2	87.2	87.2	87.2
IV 800	29.0	82.7	84.2	84.7	86.4	87.2	88.0	88.1	88.2	88.4	88.7	88.7	88.8	88.8	88.8	88.8
IV 700	29.0	83.2	85.0	85.8	87.9	88.7	89.6	89.7	89.6	90.0	90.2	90.2	90.3	90.3	90.3	90.3
IV 600	29.0	83.9	85.8	86.6	88.8	89.0	90.4	90.6	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.2
IV 500	29.2	85.6	88.0	88.9	91.7	92.7	93.6	93.7	93.8	94.0	94.2	94.2	94.3	94.3	94.3	94.3
IV 400	29.2	85.9	88.3	89.2	92.6	93.8	94.9	95.1	95.2	95.4	95.7	95.7	95.8	95.8	95.8	95.8
IV 300	29.2	86.2	89.0	90.0	93.9	95.3	96.6	97.1	97.2	97.4	97.7	97.7	97.8	97.8	97.8	97.8
IV 200	29.2	86.2	89.1	90.0	94.0	95.6	96.9	97.8	98.3	98.8	99.0	99.0	99.1	99.1	99.1	99.1
IV 100	29.2	86.3	89.1	90.1	94.1	95.7	97.0	97.9	98.7	99.1	99.4	99.4	99.6	99.7	99.8	99.8
IV 0	29.2	86.3	89.1	90.1	94.1	95.7	97.0	97.9	98.7	99.2	99.6	99.6	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥¾	≥½	≥¼	≥0	
NO CEILING	22.2	43.3	43.4	43.6	43.8	43.9	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.6	44.9	45.2
≥ 20000	22.3	45.3	45.3	45.6	45.8	46.0	46.4	46.6	46.6	46.7	46.7	46.7	46.7	46.8	47.1	47.4
≥ 18000	22.4	45.3	45.7	45.9	46.1	46.3	46.3	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.4	47.8
≥ 16000	22.4	45.3	45.7	45.9	46.1	46.3	46.8	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.4	47.8
IV 14000	22.6	45.6	45.9	46.1	46.4	46.7	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.4	47.8	48.1
IV 12000	22.7	46.1	46.4	46.7	47.0	47.2	47.7	47.8	47.8	47.9	47.9	47.9	47.9	48.0	48.3	48.7
IV 10000	23.6	48.1	48.4	48.7	49.0	49.2	49.8	49.9	49.9	50.0	50.0	50.0	50.0	50.1	50.4	50.9
IV 9000	24.4	49.4	49.8	50.0	50.3	50.6	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.8	52.1
IV 8000	27.1	53.2	53.7	53.9	54.2	54.4	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.3	55.7	56.0
IV 7000	27.2	54.3	54.8	55.0	55.6	55.8	56.7	56.8	56.8	56.9	56.9	56.9	56.9	57.0	57.3	57.7
IV 6000	28.1	55.9	56.3	56.6	57.1	57.3	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.5	58.9	59.2
IV 5000	29.1	58.8	59.2	59.4	60.0	60.2	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.8	62.1
IV 4500	29.4	59.7	60.1	60.3	60.9	61.1	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.7	63.0
IV 4000	30.2	63.6	64.0	64.2	64.8	65.0	65.9	66.0	66.0	66.1	66.1	66.2	66.2	66.3	66.7	67.0
IV 3500	32.1	66.6	67.1	67.4	68.1	68.3	69.2	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.7	70.3
IV 3000	33.4	69.4	70.3	70.8	71.4	71.7	72.6	72.8	72.8	72.9	73.0	73.1	73.1	73.2	73.6	73.9
IV 2500	33.9	70.9	71.7	72.2	73.0	73.2	74.1	74.3	74.3	74.4	74.6	74.7	74.7	74.8	75.1	75.4
IV 2000	34.0	71.8	72.6	73.2	74.1	74.3	75.2	75.4	75.4	75.6	75.7	75.8	75.8	75.9	76.2	76.6
IV 1800	34.1	72.2	73.1	73.8	74.7	74.9	75.8	76.0	76.0	76.1	76.2	76.3	76.3	76.4	76.8	77.1
IV 1500	34.6	74.1	75.4	76.2	77.1	77.3	78.2	78.4	78.4	78.6	78.7	78.8	78.8	78.9	79.2	79.6
IV 1200	34.7	75.2	76.7	77.4	78.4	78.7	79.6	79.9	79.9	80.0	80.1	80.2	80.2	80.3	80.7	81.0
IV 1000	35.1	76.2	77.7	78.4	79.6	79.8	81.1	81.4	81.4	81.6	81.7	81.8	81.8	81.9	82.2	82.6
IV 900	35.1	75.6	78.1	78.9	80.0	80.3	81.7	82.0	82.0	82.1	82.2	82.3	82.3	82.4	82.8	83.1
IV 800	35.2	77.7	79.6	80.3	81.7	82.0	83.3	83.7	83.7	83.8	83.9	84.0	84.0	84.1	84.4	84.8
IV 700	35.2	78.1	80.0	80.8	82.1	82.4	83.8	84.1	84.1	84.2	84.3	84.4	84.4	84.6	84.9	85.2
IV 600	35.2	79.8	81.8	82.6	84.1	84.7	86.0	86.3	86.3	86.4	86.6	86.7	86.7	86.8	87.1	87.4
IV 500	35.2	81.1	83.8	84.7	86.3	87.1	89.0	89.4	89.4	89.6	89.7	89.8	89.8	89.9	90.2	90.6
IV 400	35.3	81.3	84.3	85.3	87.9	89.0	91.6	92.6	92.6	92.7	92.9	93.0	93.0	93.1	93.4	93.9
IV 300	35.3	81.9	85.2	86.2	88.9	90.2	93.1	94.8	94.8	94.9	95.1	95.2	95.2	95.4	95.8	96.2
IV 200	35.3	82.0	85.2	86.4	89.2	90.8	94.2	96.4	96.7	96.9	97.3	97.4	97.4	97.7	98.0	98.4
IV 100	35.3	82.0	85.2	86.4	89.2	90.9	94.3	96.8	97.0	97.3	98.0	98.2	98.2	98.4	98.8	99.2
IV 0	35.3	82.0	85.2	86.4	89.2	90.9	94.3	96.8	97.0	97.3	98.0	98.2	98.2	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14823
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2600-0800
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	35.9	39.1	39.3	39.7	40.2	40.4	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	41.0
≥ 20000	38.7	41.6	42.1	42.4	43.0	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.8
IV 18000	38.4	42.7	42.6	42.9	43.4	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.3
IV 16000	38.4	42.7	42.6	42.9	43.4	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.3
IV 14000	39.2	42.6	43.1	43.4	44.0	44.4	44.4	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	45.1
IV 12000	39.2	42.9	43.4	43.6	44.3	44.8	44.8	45.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.4
IV 10000	43.7	47.7	48.2	48.7	49.3	49.8	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.4
IV 9000	44.9	48.9	49.4	50.0	50.7	51.1	51.2	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.9
IV 8000	47.2	51.7	52.2	52.8	53.9	54.3	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2
IV 7000	48.6	53.6	54.1	54.7	55.9	56.4	56.7	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.4
IV 6000	49.4	54.6	55.1	55.7	56.9	57.4	57.7	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.4
IV 5000	51.7	57.1	58.1	58.7	59.9	60.4	60.8	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.6
IV 4000	52.0	57.4	58.6	59.1	60.3	60.9	61.2	61.4	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.8	62.1
IV 3500	53.7	60.1	61.4	62.1	63.6	64.1	64.6	64.8	64.9	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.4
IV 3000	55.9	62.6	63.9	64.7	66.3	66.9	67.3	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9	68.2
IV 2500	58.2	65.7	67.1	67.9	69.6	70.2	70.8	71.1	71.2	71.2	71.3	71.4	71.6	71.6	71.6	71.6	71.9
IV 2000	59.4	67.3	68.9	69.7	71.4	72.2	72.8	73.1	73.2	73.2	73.3	73.4	73.6	73.6	73.6	73.6	73.9
IV 1800	60.6	69.3	71.0	71.9	73.7	74.4	75.0	75.3	75.4	75.4	75.6	75.7	75.8	75.8	75.8	75.8	76.1
IV 1500	61.8	71.3	73.1	74.0	75.9	76.7	77.2	77.8	77.9	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.6
IV 1200	62.8	72.8	74.4	75.4	77.6	78.3	78.9	79.4	79.6	79.6	79.6	79.7	79.8	79.9	79.9	79.9	80.2
IV 1000	63.8	73.7	75.7	76.8	78.9	79.8	80.6	81.1	81.2	81.2	81.3	81.4	81.6	81.6	81.6	81.6	81.9
IV 900	63.8	73.9	76.3	77.4	79.8	80.9	81.8	82.3	82.4	82.4	82.6	82.7	82.8	82.8	82.8	82.8	83.1
IV 800	64.4	74.7	77.3	78.4	81.0	82.3	83.2	83.8	83.9	83.9	84.0	84.1	84.2	84.2	84.2	84.2	84.6
IV 700	64.8	75.8	78.4	79.8	82.7	84.0	84.9	85.6	85.7	85.7	85.8	85.9	86.0	86.0	86.0	86.0	86.3
IV 600	65.2	77.0	79.9	81.3	84.4	85.8	86.7	87.3	87.6	87.6	87.7	87.8	87.9	87.9	87.9	87.9	88.2
IV 500	65.3	78.0	81.4	83.1	86.7	88.1	89.3	90.2	90.6	90.6	90.7	90.8	90.9	90.9	90.9	90.9	91.2
IV 400	65.7	78.9	82.8	84.7	88.8	90.4	91.9	92.9	93.2	93.3	93.4	93.7	93.9	93.9	93.9	93.9	94.2
IV 300	65.8	79.0	83.1	85.1	89.9	91.5	93.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 200	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
IV 100	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.6	97.1	97.4	97.8	98.0	98.3	98.6	98.6	98.6	98.6
IV 0	65.8	79.0	83.1	85.1	90.3	92.7	94.4	96.6	97.1	97.4	97.8	98.0	98.3	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.4	≥.3	≥.25	≥.2
NO CEILING	33.2	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 20000	36.9	38.4	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 18000	37.7	39.3	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 16000	37.7	39.3	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
IV 14000	38.7	40.3	41.1	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 12000	39.1	41.0	41.8	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
IV 10000	42.2	44.2	45.0	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 9000	42.6	44.7	45.4	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
IV 8000	45.9	48.8	49.6	49.9	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 7000	47.8	51.0	51.9	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
IV 6000	48.3	51.7	52.8	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 5000	49.6	52.9	54.1	54.7	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
IV 4500	50.3	53.7	54.9	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
IV 4000	51.8	55.9	57.1	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2
IV 3500	54.9	59.1	60.3	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4
IV 3000	59.1	64.6	65.9	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
IV 2500	53.1	69.4	70.8	71.7	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6
IV 2000	65.9	72.4	73.9	74.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
IV 1800	66.8	73.3	74.8	75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.9	76.9	76.9
IV 1500	69.2	76.3	77.8	78.9	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
IV 1200	70.4	78.4	80.1	81.2	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8
IV 1000	71.8	80.3	82.3	83.4	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1
IV 900	72.6	82.2	84.2	85.3	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1
IV 800	73.7	84.0	86.2	87.4	89.0	89.3	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7
IV 700	73.7	84.8	87.4	88.9	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2
IV 600	73.7	84.9	87.8	89.4	91.4	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4
IV 500	73.9	85.9	89.1	91.1	93.4	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
IV 400	74.0	86.3	89.9	92.3	94.8	96.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
IV 300	74.0	86.4	90.0	92.9	95.6	97.1	98.1	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2
IV 200	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 100	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8
IV 0	74.0	86.4	90.0	92.9	95.7	97.3	98.3	99.3	99.4	99.6	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

76-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	34.3	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
≥ 2000	38.7	39.6	39.7	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
IV 18000	39.4	40.3	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
IV 16000	39.6	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 14000	39.7	40.9	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
IV 12000	41.0	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 10000	44.8	46.4	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 9000	45.1	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
IV 8000	47.6	49.6	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 7000	49.3	51.9	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
IV 6000	49.9	52.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 5000	50.9	53.9	54.7	54.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 4500	51.8	54.9	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 4000	54.4	58.9	59.7	59.7	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 3500	57.6	62.4	62.7	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
IV 3000	53.9	69.8	70.0	70.0	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 2500	69.3	76.0	76.6	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
IV 2000	73.3	80.9	81.6	81.6	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 1800	73.9	81.4	82.2	82.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
IV 1500	75.7	84.1	85.1	85.2	86.3	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
IV 1200	76.7	85.7	86.8	86.9	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 1000	77.8	87.0	89.2	89.6	90.8	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 900	78.3	89.0	90.2	90.6	92.0	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
IV 800	78.8	90.4	91.7	92.0	93.6	94.0	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
IV 700	79.1	91.2	92.6	93.0	94.7	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
IV 600	79.1	91.6	93.1	93.8	95.6	96.1	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 500	79.1	92.0	93.7	94.4	96.6	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	79.1	92.0	93.7	94.6	97.0	97.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 300	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	79.1	92.0	93.7	94.6	97.2	98.3	99.1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1120

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

75-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES):															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1½	≥1	≥½	≥½	≥½	≥5-16	≥½	≥0
NO CEILING	37.8	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
≥ 20000	42.4	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 18000	42.9	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
IV 16000	43.6	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
IV 14000	44.0	45.3	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 12000	45.6	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 10000	49.1	50.8	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
IV 9000	49.8	51.8	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000	54.1	55.2	55.7	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 7000	56.1	58.3	58.9	58.9	58.9	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 6000	57.1	59.7	60.4	60.6	60.7	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 5000	59.2	61.9	62.7	62.9	63.0	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IV 4500	59.9	62.7	63.4	63.7	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
IV 4000	64.2	67.4	68.2	68.6	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
IV 3500	67.1	70.6	71.4	71.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
IV 3000	71.6	75.2	76.1	76.4	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IV 2500	74.2	79.7	80.7	81.2	81.9	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IV 2000	75.6	81.7	82.7	83.3	84.0	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
IV 1800	76.1	82.4	83.4	84.1	84.8	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
IV 1500	77.3	84.6	85.6	86.4	87.2	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	78.4	85.9	87.0	88.0	89.4	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
IV 1000	78.8	86.8	87.8	88.8	90.4	90.7	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 900	78.9	86.8	88.0	89.0	90.8	91.1	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 800	78.9	87.1	88.8	89.9	91.9	92.2	93.0	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
IV 700	78.9	87.3	89.4	91.6	92.8	93.1	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 600	79.2	88.3	90.6	91.9	94.3	94.8	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IV 500	79.3	88.6	90.9	92.3	95.3	95.9	96.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1
IV 400	79.4	88.8	91.3	92.8	95.8	96.3	97.2	98.6	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0
IV 300	79.4	88.8	91.3	92.8	96.0	96.6	97.6	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4
IV 200	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7
IV 100	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
IV 0	79.4	88.8	91.3	92.8	96.0	96.6	97.7	99.1	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523 LGRING AFB ME

70-79

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	25.1	43.9	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 20000	27.0	47.2	47.4	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
W 18000	27.3	47.8	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
W 16000	27.3	47.8	48.0	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
W 14000	28.1	48.5	48.8	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
W 12000	28.8	50.0	50.2	50.4	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
W 10000	30.2	52.7	52.9	53.1	53.3	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
W 9000	30.8	53.8	54.0	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
W 8000	32.9	59.2	59.4	59.7	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
W 7000	33.6	60.7	60.9	61.3	61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
W 6000	34.2	61.8	62.0	62.4	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
W 5000	36.0	64.1	64.3	65.0	65.3	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8
W 4500	37.1	65.3	65.7	66.4	66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2
W 4000	39.1	70.2	70.8	71.6	72.1	72.3	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6
W 3500	40.2	72.8	73.3	74.1	74.8	75.3	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2
W 3000	42.2	76.7	77.2	78.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6
W 2500	43.6	79.9	80.6	81.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1
W 2000	44.3	81.9	82.8	83.8	85.2	85.4	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9
W 1800	44.4	82.7	83.6	84.7	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8
W 1500	44.7	83.2	84.7	85.9	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2
W 1200	44.7	84.2	85.2	86.6	88.3	88.6	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0
W 1000	44.9	85.2	86.4	87.8	89.8	90.3	90.3	90.3	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6
W 900	44.9	85.4	86.7	88.0	90.1	90.3	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
W 800	45.0	86.1	87.7	89.0	91.1	91.4	91.9	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6
W 700	45.0	86.6	88.3	89.7	91.9	92.3	92.8	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
W 600	45.0	86.8	88.9	90.2	92.8	93.4	94.0	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7
W 500	45.1	87.3	90.0	91.3	94.3	95.1	95.8	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
W 400	45.1	87.9	90.9	92.2	95.7	96.4	97.1	97.3	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2
W 300	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.6	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1
W 200	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.6	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
W 100	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.7	99.8	99.8
W 0	45.1	88.0	91.0	92.4	96.1	97.0	97.8	98.8	99.1	99.3	99.7	99.7	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1123

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	20.5	49.2	57.1	50.4	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	20.8	51.7	52.7	52.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000	20.8	51.7	52.7	52.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 16000	27.8	51.9	52.2	52.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 14000	20.8	52.2	52.6	53.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
IV 12000	21.0	53.2	53.6	54.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
IV 10000	22.3	55.2	55.6	56.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV 9000	22.4	56.0	56.3	56.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
IV 8000	23.7	59.4	59.8	60.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
IV 7000	24.0	60.7	61.1	61.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
IV 6000	24.5	62.3	62.8	63.2	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
IV 5000	25.8	64.9	65.3	65.8	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
IV 4500	26.2	65.6	66.2	66.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
IV 4000	28.1	70.1	70.8	71.2	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
IV 3500	26.6	72.1	72.9	73.3	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
IV 3000	29.8	76.0	76.9	77.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
IV 2500	29.8	78.2	79.2	79.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 2000	30.2	80.7	81.9	82.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 1800	30.2	80.8	82.2	82.9	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1500	30.4	81.8	83.2	83.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
IV 1200	30.6	82.8	84.4	85.2	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
IV 1000	30.8	83.6	85.6	86.4	88.2	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
IV 900	30.9	83.9	85.7	86.9	88.2	88.9	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 800	31.1	84.9	87.2	88.3	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 700	31.2	85.2	87.7	88.8	90.9	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
IV 600	31.2	85.7	88.3	89.4	91.7	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 500	31.2	86.3	90.1	91.2	93.7	94.1	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
IV 400	31.2	87.0	91.3	92.7	95.6	96.1	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 300	31.2	87.2	91.8	93.2	96.3	97.1	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 100	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	31.2	87.4	92.0	93.4	96.6	97.4	98.6	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023
STATION

LORING AFB ME
STATION NAME

76-79
YEAR

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET.	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥.	≥0
NO CEILING	23.6	41.6	41.9	42.0	42.3	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.8
≥ 20000	31.7	44.7	45.1	45.2	45.6	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.1
≥ 18000	31.1	45.2	45.6	45.7	46.1	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.6
IV 18500	31.2	45.3	45.7	45.8	46.2	46.3	46.4	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.7
IV 14000	31.6	45.8	46.2	46.4	46.6	46.9	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.3
IV 12000	32.2	46.9	47.3	47.5	47.9	48.0	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.4
IV 10000	34.6	49.9	50.3	50.5	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.5
IV 9000	35.2	50.9	51.2	51.4	51.8	52.0	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.4
IV 8000	37.7	54.8	55.2	55.4	55.9	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5
IV 7000	36.8	56.5	56.9	57.2	57.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.5
IV 6000	39.4	57.7	58.2	58.5	59.1	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.8
IV 5000	40.8	59.6	60.4	60.7	61.3	61.6	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.2
IV 4500	41.4	60.7	61.3	61.6	62.2	62.5	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	63.0	63.0
IV 4000	43.6	64.6	65.4	65.8	66.5	66.7	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.3	67.3
IV 3500	45.4	67.4	68.2	68.6	69.3	69.6	69.9	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.2
IV 3000	48.3	71.7	72.5	73.0	73.9	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
IV 2500	50.2	74.8	75.6	76.3	77.3	77.5	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.3
IV 2000	51.6	77.1	78.2	78.8	79.9	80.1	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.8	80.8	80.9
IV 1800	51.8	77.6	78.7	79.3	80.4	80.7	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.5
IV 1500	52.8	79.5	80.8	81.5	82.8	83.1	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.9
IV 1200	53.4	80.7	82.1	82.9	84.4	84.7	85.2	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.6
IV 1000	54.1	81.9	83.4	84.3	85.9	86.2	86.8	87.0	87.0	87.1	87.1	87.2	87.2	87.2	87.3	87.3
IV 900	54.2	82.4	84.1	85.0	86.6	87.1	87.7	87.9	88.0	88.0	88.1	88.1	88.1	88.2	88.2	88.3
IV 800	54.5	83.4	85.3	86.3	88.1	88.6	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	90.0
IV 700	54.6	84.1	86.1	87.2	89.2	89.7	90.4	90.7	90.8	90.8	90.9	90.9	91.0	91.0	91.0	91.1
IV 600	54.7	84.7	87.5	88.2	90.4	91.1	91.8	92.1	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.5
IV 500	54.8	85.6	88.4	89.6	92.3	93.1	94.0	94.5	94.6	94.7	94.8	94.8	94.8	94.9	94.9	95.0
IV 400	54.9	86.0	89.1	90.5	93.5	94.5	95.6	96.3	96.4	96.5	96.6	96.7	96.7	96.7	96.8	96.9
IV 300	54.9	86.2	89.4	90.9	94.2	95.4	96.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.3	98.4
IV 200	54.9	86.2	89.4	91.0	94.4	95.7	97.1	98.3	98.7	98.8	99.0	99.0	99.1	99.2	99.2	99.3
IV 100	54.9	86.3	89.4	91.0	94.4	95.7	97.2	98.4	98.8	99.0	99.2	99.3	99.3	99.4	99.5	99.7
IV 0	54.9	86.3	89.4	91.0	94.4	95.7	97.2	98.4	98.8	99.0	99.3	99.3	99.4	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

122

GLOPAL CLIMATOLOGY BRANCH
 JSAPETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 LORING AFB ME

70-79

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	18.7	42.6	43.7	43.1	43.1	43.1	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4
≥ 20000	18.7	44.3	44.7	44.6	44.8	44.8	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2
≥ 18000	18.7	44.4	44.8	44.9	44.9	44.9	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 16000	18.7	44.4	44.8	44.9	44.9	44.9	44.9	45.1	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	18.7	44.8	45.3	45.4	45.4	45.4	45.4	45.5	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	18.9	45.6	46.0	46.1	46.1	46.1	46.1	46.2	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5
≥ 10000	18.1	48.6	49.1	49.2	49.4	49.4	49.4	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7
≥ 9000	20.3	48.8	49.4	49.5	49.6	49.6	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 8000	22.3	51.4	51.9	52.0	52.2	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	22.8	53.9	54.4	54.5	54.6	54.6	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9
≥ 6000	22.9	54.3	54.8	54.9	55.1	55.1	55.1	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	23.3	55.9	56.5	56.6	56.7	56.7	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4500	24.2	56.9	57.4	57.5	57.6	57.6	57.6	57.7	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0
≥ 4000	25.8	62.0	62.6	62.9	63.2	63.2	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5
≥ 3500	27.7	66.2	67.0	67.3	67.6	67.6	67.6	67.7	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0
≥ 3000	29.9	71.3	72.5	72.8	73.1	73.1	73.1	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5
≥ 2500	30.8	74.1	75.4	75.7	76.0	76.0	76.0	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5
≥ 2000	30.3	75.7	77.6	78.3	78.8	78.9	78.9	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1800	30.9	76.5	78.7	79.6	80.1	80.2	80.2	80.3	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8
≥ 1500	31.5	76.7	81.2	82.5	83.1	83.2	83.3	83.4	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1200	31.9	80.0	82.5	83.8	84.6	84.8	84.9	85.1	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6
≥ 1000	32.2	80.4	82.9	84.2	85.1	85.3	85.4	85.5	85.8	85.9	86.0	86.1	86.1	86.1	86.1	86.1
≥ 900	32.8	81.2	83.8	85.3	86.1	86.5	86.6	86.7	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3
≥ 800	32.9	82.0	84.7	86.2	87.2	87.8	88.1	88.3	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9
≥ 700	33.0	82.8	85.7	87.4	88.6	89.4	89.6	90.1	90.4	90.5	90.6	90.8	90.8	90.8	90.8	90.8
≥ 600	33.0	83.2	86.1	87.8	89.6	90.3	90.6	91.3	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9
≥ 500	33.1	84.2	87.4	89.2	91.4	92.3	92.9	93.8	94.1	94.2	94.3	94.4	94.5	94.5	94.6	94.6
≥ 400	33.1	84.4	87.7	89.6	91.7	92.7	93.7	94.5	94.9	95.1	95.2	95.3	95.4	95.4	95.5	95.5
≥ 300	33.1	84.6	88.4	90.3	92.7	93.7	94.7	96.0	96.6	96.8	97.0	97.1	97.3	97.3	97.4	97.4
≥ 200	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.0	97.6	98.0	98.2	98.3	98.7	98.8	98.9	99.1
≥ 100	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.1	97.7	98.1	98.4	98.5	99.0	99.4	99.6	99.9
≥ 0	33.1	84.6	88.5	90.5	93.3	94.3	95.4	97.1	97.7	98.1	98.4	98.5	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23

LORING AFB ME

70-79

CCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-3800

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.05
NO CEILING	17.4	39.0	39.5	39.7	41.1	41.1	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.7
≥ 20000	16.0	41.0	41.6	41.7	43.1	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.5	43.9
≥ 18000	18.0	41.2	41.7	41.8	43.2	43.2	43.2	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.7	44.0
≥ 16000	18.0	41.4	41.9	42.1	43.4	43.4	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.9	44.2
≥ 14000	18.0	41.5	42.2	42.3	43.7	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.1	44.4
≥ 12000	18.2	41.8	42.4	42.5	43.9	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.3	44.6
≥ 10000	18.5	44.2	44.7	44.8	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8	47.1
≥ 9000	18.5	44.2	44.7	44.8	46.3	46.3	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8	47.1
≥ 8000	19.7	46.6	47.1	47.2	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.1	49.5
≥ 7000	19.9	47.3	47.8	48.0	49.5	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.9	50.2
≥ 6000	20.1	48.0	49.0	49.1	50.6	50.6	50.6	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.1	51.4
≥ 5000	20.2	49.8	50.1	50.2	51.7	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.2	52.5
≥ 4500	20.6	50.3	51.1	51.2	52.7	52.7	52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.1	53.4
≥ 4000	22.4	56.0	56.7	56.9	58.5	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.9	59.2
≥ 3500	24.0	60.0	60.8	61.1	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.2	63.5
≥ 3000	26.3	65.2	65.9	66.2	68.0	68.0	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.5	68.8
≥ 2500	28.2	68.9	69.7	70.0	71.7	71.7	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.3	72.6
≥ 2000	28.9	73.0	74.2	74.6	76.5	76.5	76.5	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.2	77.3
≥ 1800	29.5	73.2	75.4	75.8	77.8	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.4	78.7
≥ 1500	30.4	75.4	76.9	77.3	79.5	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	80.2	80.3
≥ 1200	37.6	76.3	78.2	78.9	81.3	81.3	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.9	82.3
≥ 1000	31.0	77.7	79.5	80.2	82.6	82.6	82.6	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.3	83.7
≥ 900	31.0	78.1	79.8	80.3	82.9	82.9	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.8	84.1
≥ 800	31.2	79.3	81.0	81.7	84.2	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	85.1	85.4
≥ 700	31.4	79.9	81.9	82.9	85.6	85.6	86.0	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9	87.2
≥ 600	31.4	80.1	82.4	83.4	86.2	86.6	87.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	88.1	88.4
≥ 500	31.4	81.1	83.9	85.1	88.4	88.8	89.9	90.4	90.9	90.6	90.6	90.6	90.6	90.6	90.9	91.2
≥ 400	31.4	81.0	85.2	86.3	90.4	91.0	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.3	93.7
≥ 300	31.4	82.3	85.8	86.8	91.4	92.0	93.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.6	96.0
≥ 200	31.4	82.4	85.7	87.0	91.6	92.7	94.8	96.3	96.7	96.8	96.8	96.8	96.8	96.8	97.3	97.7
≥ 100	31.4	82.4	85.8	87.1	91.9	92.9	95.2	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.9	98.3
≥ 0	31.4	82.4	85.8	87.1	91.9	92.9	95.2	96.9	97.3	97.4	97.4	97.4	97.4	97.4	98.3	98.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LORING AFB ME

70-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

3600-0800
 HOURS - LT

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	31.8	31.5	34.6	34.8	35.3	35.6	35.8	35.9	36.1	36.2	36.2	36.2	36.2	36.2	36.5	36.7
≥ 20000	34.2	37.2	37.4	37.6	38.1	8.4	38.6	38.7	39.9	39.0	39.0	39.0	39.0	39.0	39.2	39.6
IV 18000	34.6	37.6	37.8	38.1	38.5	38.8	39.0	39.1	39.4	39.5	39.5	39.5	39.5	39.5	39.7	40.0
IV 16000	34.8	37.8	38.1	38.3	38.7	39.0	39.2	39.4	39.6	39.7	39.7	39.7	39.7	39.7	39.9	40.2
IV 14000	35.3	38.3	38.5	38.7	39.1	39.5	39.7	39.8	40.0	40.1	40.1	40.1	40.1	40.1	40.3	40.6
IV 12000	36.7	39.7	39.9	40.1	40.5	41.1	41.3	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.9	42.3
IV 10000	38.2	41.4	41.6	41.9	42.4	42.9	43.1	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.8	44.1
IV 9000	38.7	42.2	42.4	42.7	43.1	43.7	43.9	44.0	44.2	44.3	44.3	44.3	44.3	44.3	44.5	44.8
IV 8000	42.2	46.3	46.6	46.9	47.3	47.8	48.2	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.8	49.1
IV 7000	43.1	47.5	47.7	48.1	48.6	49.1	49.6	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.2	50.5
IV 6000	43.9	48.5	48.7	49.1	49.6	50.1	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.2	51.5
IV 5000	44.7	49.4	49.6	49.9	50.4	51.0	51.4	51.5	51.7	51.8	51.8	51.8	51.8	51.8	52.0	52.4
IV 4500	45.2	50.2	50.4	50.9	51.4	51.9	52.4	52.5	52.7	52.8	52.8	52.8	52.8	52.8	53.0	53.3
IV 4000	48.7	54.4	54.9	55.4	55.9	56.5	56.9	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.5	57.8
IV 3500	50.6	56.7	57.4	57.8	58.4	58.9	59.4	59.6	59.8	59.9	59.9	59.9	59.9	59.9	60.1	60.4
IV 3000	55.7	62.5	63.3	63.8	64.4	64.9	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.2	66.6
IV 2500	58.7	66.5	67.4	68.1	68.8	69.4	69.9	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.8	71.1
IV 2000	61.7	70.2	71.4	72.0	72.8	73.3	74.0	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.9	75.3
IV 1800	62.0	70.6	71.8	72.5	73.3	73.9	74.5	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.5	75.8
IV 1500	63.2	72.2	73.4	74.1	74.9	75.5	76.3	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.3	77.6
IV 1200	64.3	73.9	75.3	76.0	77.1	77.6	78.5	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.8
IV 1000	65.1	75.4	77.1	78.0	79.5	80.0	80.9	81.3	81.7	81.8	81.8	81.8	81.8	81.8	82.0	82.4
IV 900	65.3	75.7	77.4	78.3	79.9	80.6	81.6	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.8	83.1
IV 800	65.4	76.0	78.1	79.0	80.9	81.6	82.6	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.8	84.1
IV 700	65.9	76.6	78.6	79.6	81.4	82.4	83.3	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.8	85.2
IV 600	65.9	76.9	79.1	80.3	82.6	83.6	84.9	85.4	85.8	86.3	86.3	86.3	86.3	86.3	86.6	86.9
IV 500	66.0	77.7	80.3	81.9	85.4	86.7	88.2	88.7	89.1	89.7	89.7	89.7	89.7	89.7	89.9	90.2
IV 400	66.2	78.3	81.2	82.9	86.9	88.3	90.0	90.5	91.2	91.7	91.7	91.7	91.7	91.7	91.9	92.3
IV 300	66.2	78.3	81.4	83.2	87.6	89.8	91.7	92.5	93.5	94.6	94.6	94.6	94.6	94.6	94.7	95.3
IV 200	66.2	78.3	81.4	83.2	87.6	90.2	92.3	93.2	94.5	96.0	96.2	96.5	96.6	96.8	97.1	98.3
IV 100	66.3	78.4	81.5	83.3	87.7	90.4	92.5	93.4	94.7	96.2	96.5	96.8	97.2	97.5	98.0	99.9
IV 0	66.3	78.4	81.5	83.3	87.7	90.4	92.5	93.4	94.7	96.2	96.5	96.8	97.2	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1423 LOPING AFB ME

75-79

00

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1950-1950
 HOURS 157

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.5	≥.5	≥.5	≥.5	≥.5
NO CEILING	27.5	28.5	28.7	29.3	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 20000	30.8	31.8	32.7	32.8	32.8	32.8	32.8	32.8	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0
≥ 18000	31.2	32.4	32.6	33.0	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	31.2	32.4	32.6	33.0	33.3	33.3	33.3	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 14000	32.2	33.5	33.8	34.2	34.5	34.5	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	33.3	34.9	35.3	35.7	36.0	36.0	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 10000	35.7	37.4	37.7	38.2	38.5	38.5	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 9000	36.2	38.0	38.3	38.7	39.0	39.0	39.0	39.0	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	39.9	41.7	42.0	42.5	42.9	42.9	43.0	43.0	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 7000	41.6	43.5	43.9	44.3	44.7	44.8	44.9	44.9	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 6000	42.5	44.5	44.8	45.3	45.7	45.8	45.9	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 5000	43.3	45.4	45.8	46.2	46.7	46.8	46.9	46.9	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 4500	43.8	46.0	46.5	46.9	47.3	47.4	47.5	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4000	47.0	50.0	50.4	50.9	51.3	51.4	51.5	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 3500	50.0	53.1	53.7	54.2	54.6	54.7	54.8	54.8	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3000	51.2	59.6	60.1	60.8	61.2	61.3	61.4	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 2500	60.5	64.3	64.9	65.7	66.2	66.3	66.5	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 2000	65.3	69.5	70.3	71.3	71.8	72.0	72.2	72.2	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 1800	66.0	70.3	71.2	72.2	72.7	72.9	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1500	66.9	73.8	74.8	75.9	76.5	76.7	76.8	76.8	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1200	70.5	76.5	77.5	78.7	79.4	79.6	79.7	79.7	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1000	72.4	78.7	79.8	81.0	81.7	81.9	82.0	82.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 900	73.0	79.4	80.4	81.6	82.5	82.9	83.0	83.1	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 800	73.9	81.1	82.2	83.4	84.5	85.2	85.3	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 700	74.5	82.4	83.7	85.2	86.3	87.2	87.3	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 600	74.6	83.3	84.6	86.5	88.0	88.9	89.2	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 500	74.6	84.0	85.8	88.4	90.5	91.7	92.7	93.2	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 400	74.6	84.3	86.2	88.8	91.7	93.2	94.7	95.5	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	74.8	84.6	86.8	89.5	92.7	94.4	96.7	97.8	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	74.8	84.6	86.8	89.5	92.7	94.4	96.7	98.0	98.2	98.9	99.1	99.2	99.2	99.2	99.2	99.4
≥ 100	74.8	84.6	86.8	89.5	92.7	94.4	96.8	98.1	98.3	99.0	99.4	99.5	99.7	99.7	99.7	100.0
≥ 0	74.8	84.6	86.8	89.5	92.7	94.4	96.8	98.1	98.3	99.0	99.4	99.5	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14423 LORING AFB ME 76-79 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS '57

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	27.7	29.9	29.9	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
IV 20000	31.1	33.4	33.5	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0
IV 18000	31.1	33.5	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1
IV 16000	31.4	33.9	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
IV 14000	32.6	35.2	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7
IV 12000	33.5	36.3	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9
IV 10000	36.2	39.1	39.2	39.4	39.6	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
IV 9000	36.7	39.6	39.8	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
IV 8000	39.9	43.1	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.7
IV 7000	41.7	45.2	45.4	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
IV 6000	42.4	45.9	46.1	46.2	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6
IV 5000	43.2	47.1	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7
IV 4500	44.1	48.2	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8
IV 4000	49.0	53.8	54.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	55.1
IV 3500	51.8	57.2	57.7	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.7
IV 3000	58.9	64.6	65.2	65.5	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.6
IV 2500	65.2	71.3	71.8	72.2	72.9	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2
IV 2000	67.5	74.5	75.3	75.8	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9
IV 1800	68.4	75.5	76.3	76.9	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	78.0
IV 1500	71.7	79.7	80.9	81.4	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6
IV 1200	73.0	81.7	82.9	83.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
IV 1000	74.1	83.9	85.3	85.9	87.2	87.5	87.6	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.3
IV 900	74.9	85.6	87.1	87.7	89.1	89.5	89.6	89.8	89.8	89.8	90.1	90.1	90.2	90.2	90.2	90.3
IV 800	75.1	86.1	87.6	88.6	90.0	90.3	90.5	90.8	90.8	90.8	91.2	91.2	91.3	91.3	91.3	91.4
IV 700	75.3	87.2	88.9	89.8	91.6	92.0	92.3	92.6	92.6	92.6	93.1	93.1	93.2	93.2	93.2	93.3
IV 600	75.3	87.6	89.6	90.4	92.4	92.9	93.1	93.5	93.5	93.5	94.1	94.2	94.3	94.3	94.3	94.4
IV 500	75.5	88.3	90.2	91.3	93.8	94.4	95.3	95.8	95.8	95.8	96.3	96.5	96.6	96.7	96.7	96.8
IV 400	75.6	88.5	90.4	91.5	94.1	94.7	95.9	96.7	96.9	96.9	97.4	97.5	97.6	97.7	97.7	97.8
IV 300	75.6	88.5	90.4	91.5	94.5	95.3	96.6	97.5	97.7	97.7	98.3	98.4	98.6	98.7	98.7	98.8
IV 200	75.6	88.5	90.4	91.5	94.5	95.3	96.7	97.7	98.0	98.0	98.5	98.8	99.1	99.4	99.4	99.5
IV 100	75.6	88.5	90.4	91.5	94.5	95.3	96.7	98.0	98.2	98.2	98.7	99.0	99.4	99.7	99.7	99.8
IV 0	75.6	88.5	90.4	91.5	94.5	95.3	96.7	98.0	98.2	98.2	98.7	99.0	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

OCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1523-1700
 HOURS LST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	32.2	35.1	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
≥ 20000	36.2	39.8	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 18000	36.8	40.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	36.7	40.2	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	37.5	41.2	41.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000	38.2	43.0	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	40.6	45.1	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	41.2	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 8000	44.1	48.8	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 7000	46.3	51.9	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 6000	48.3	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	54.4
≥ 5000	49.4	54.8	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
≥ 4500	51.9	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	54.6	61.4	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
≥ 3500	56.2	65.6	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
≥ 3000	62.7	70.8	71.9	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2500	66.2	75.1	76.2	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 2000	68.1	77.4	78.7	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1800	68.3	77.8	79.2	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	73.9	81.6	83.7	83.9	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1200	71.5	82.8	84.2	85.2	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1000	72.3	84.4	86.1	87.4	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 900	72.3	84.4	86.1	87.4	88.3	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	72.3	85.1	87.1	88.5	89.5	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 700	72.4	85.5	87.8	89.2	90.8	91.4	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	72.7	85.9	88.4	89.8	91.5	92.4	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.8	93.8	93.8
≥ 500	73.0	86.5	89.2	91.0	93.1	94.4	95.9	96.5	96.5	96.7	96.9	96.9	97.1	97.1	97.1	97.1
≥ 400	73.0	86.6	89.5	91.2	93.4	95.3	97.1	97.7	97.7	98.0	98.2	98.2	98.5	98.5	98.5	98.5
≥ 300	73.0	86.7	89.6	91.4	93.7	95.5	97.6	98.3	98.3	98.5	98.8	98.8	99.1	99.1	99.1	99.1
≥ 200	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.4	98.5	98.7	99.1	99.1	99.5	99.5	99.5	99.5
≥ 100	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.5	98.6	98.8	99.2	99.2	99.6	99.6	99.7	99.7
≥ 0	73.0	86.7	89.6	91.4	93.8	95.6	97.7	98.5	98.6	98.8	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1125

GLOPAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23
STATION

LORING AFB ME
STATION NAME

76-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1
NO CEILING	17.4	41.5	41.7	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 20000	19.5	45.1	45.5	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
IV 18000	19.5	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 16000	19.5	45.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
IV 14000	19.5	45.6	46.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
IV 12000	20.6	47.3	47.7	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 10000	21.4	50.0	50.4	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 9000	21.4	50.3	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 8000	22.3	52.9	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
IV 7000	23.0	55.1	55.5	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
IV 6000	23.1	55.4	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 5000	24.0	58.5	58.9	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
IV 4500	25.1	60.9	61.3	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
IV 4000	27.2	65.9	66.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
IV 3500	28.7	69.5	70.0	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
IV 3000	31.2	73.4	74.0	74.7	74.8	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 2500	33.2	77.1	77.6	78.4	78.6	78.7	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 2000	33.5	79.2	79.8	80.9	81.2	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 1800	34.1	79.9	80.5	81.6	81.9	82.2	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 1500	34.9	82.4	83.1	84.3	84.8	85.2	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1200	34.9	83.1	83.9	85.2	86.1	86.6	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 1000	34.9	83.9	84.8	86.2	87.2	87.6	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 900	34.9	84.2	85.7	87.1	88.1	88.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 800	34.9	84.5	86.1	87.5	88.7	89.1	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 700	34.9	85.3	86.9	88.3	89.5	89.9	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 600	34.9	85.7	87.3	88.7	90.1	90.9	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 500	35.1	86.6	88.6	90.0	91.9	92.9	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
IV 400	35.1	87.0	89.1	90.9	93.5	94.9	97.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
IV 300	35.1	87.0	89.2	91.0	93.9	95.4	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 200	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 100	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 0	35.1	87.0	89.2	91.1	94.0	95.5	98.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 938

GLOBAL CLIMATOLOGY BRANCH
 CEAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14523 COPING AFB ME

70-79

OCT

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	¾	≥5/16	≥4	≥0
NO CEILING ≥ 20000	18.2	43.5	43.7	43.7	44.1	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	20.3	47.2	47.6	47.6	48.1	48.1	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
IV 16000	21.4	47.4	47.8	47.8	48.3	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
IV 14000	20.5	47.7	48.2	48.2	48.6	48.6	48.7	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 12000	20.6	48.3	48.8	48.8	49.2	49.2	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
IV 10000	21.6	50.2	50.3	50.6	51.2	51.2	51.3	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
IV 9000	21.6	50.9	51.5	51.5	51.9	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
IV 8000	22.6	52.9	53.5	53.5	54.0	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 7000	23.6	55.1	55.7	55.7	56.1	56.1	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
IV 6000	24.0	55.9	56.6	56.6	57.0	57.0	57.1	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
IV 5000	24.7	58.7	58.6	58.6	59.0	59.0	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
IV 4500	25.7	59.7	60.3	60.3	60.8	60.8	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
IV 4000	27.1	64.4	65.1	65.1	65.5	65.6	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
IV 3500	28.6	67.6	68.5	68.7	69.1	69.2	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
IV 3000	30.8	73.3	74.3	74.5	75.2	75.3	75.4	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
IV 2500	31.9	75.5	76.5	76.7	77.3	77.4	77.5	77.6	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 2000	32.3	78.6	79.7	79.9	80.5	80.6	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
IV 1800	32.3	78.6	79.9	80.1	80.8	80.9	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
IV 1500	32.9	80.8	82.2	82.5	83.5	83.7	83.8	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
IV 1200	33.5	82.7	84.3	84.7	85.0	86.2	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	33.5	83.2	84.9	85.4	87.0	87.3	87.4	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
IV 900	33.5	83.5	85.5	85.9	87.7	88.3	88.4	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 800	33.5	84.2	86.6	87.0	89.0	89.7	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
IV 700	33.7	84.6	87.1	87.5	89.8	90.4	90.9	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IV 600	33.7	84.9	87.5	88.0	90.5	91.2	91.6	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
IV 500	33.8	86.1	88.9	89.4	92.0	93.2	94.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IV 400	33.9	86.8	89.7	90.3	93.8	94.9	95.7	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 300	33.9	86.8	89.8	90.5	94.1	95.6	96.5	98.3	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 200	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8
IV 100	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9
IV 0	33.9	86.8	89.9	90.6	94.3	95.8	96.8	98.9	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1126

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 23
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS 15'

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥	≥0	
NO CEILING	23.8	36.7	37.7	37.2	37.5	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.8	37.9
≥ 20000	26.1	40.0	40.4	40.5	40.9	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.5
IV 18000	26.3	40.3	40.6	40.8	41.1	41.2	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.5
IV 16000	26.3	40.3	40.7	40.9	41.3	41.3	41.3	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.7
IV 14000	26.3	41.0	41.4	41.5	41.9	41.9	42.0	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.3
IV 12000	27.3	42.1	42.5	42.7	43.1	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.5
IV 10000	29.1	44.5	44.9	45.1	45.5	45.6	45.6	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9
IV 9000	29.4	44.9	45.4	45.6	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.4
IV 8000	31.5	47.9	48.4	48.6	49.0	49.0	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.4
IV 7000	32.8	49.9	50.4	50.6	51.0	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.5
IV 6000	33.4	50.8	51.3	51.5	51.9	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.4
IV 5000	34.1	52.3	52.8	53.0	53.4	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.9
IV 4500	34.9	53.6	54.0	54.3	54.7	54.8	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.2
IV 4000	37.7	58.5	59.1	59.4	59.9	60.0	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4
IV 3500	40.3	62.3	62.7	63.1	63.6	63.7	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.2
IV 3000	44.1	67.6	68.4	68.8	69.4	69.5	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1
IV 2500	46.8	71.6	72.4	72.9	73.5	73.7	73.8	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3
IV 2000	48.5	74.8	75.9	76.5	77.2	77.4	77.5	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
IV 1800	48.9	75.4	76.6	77.3	78.1	78.2	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
IV 1500	50.6	78.1	79.4	80.2	81.1	81.3	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.1
IV 1200	51.3	79.6	81.1	82.0	83.1	83.3	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.2
IV 1000	51.9	80.9	82.6	83.5	84.8	85.1	85.4	85.6	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.1
IV 900	52.2	81.5	83.2	84.2	85.6	86.0	86.4	86.5	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0
IV 800	52.4	82.3	84.2	85.3	86.7	87.3	87.7	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.4
IV 700	52.6	83.0	85.1	86.2	87.9	88.5	89.1	89.4	89.6	89.8	89.8	89.8	89.8	89.8	89.9	89.9
IV 600	52.7	83.5	85.7	86.9	88.9	89.6	90.3	90.7	90.9	91.1	91.2	91.2	91.2	91.2	91.3	91.3
IV 500	52.8	84.3	86.8	88.3	90.8	91.8	92.9	93.6	93.8	94.0	94.1	94.1	94.1	94.1	94.2	94.3
IV 400	52.9	84.7	87.4	88.9	91.9	93.1	94.5	95.3	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.2
IV 300	52.9	84.8	87.6	89.3	92.6	94.0	95.6	96.8	97.1	97.5	97.6	97.7	97.8	97.8	97.9	98.0
IV 200	52.9	84.9	87.7	89.4	92.8	94.3	96.0	97.4	97.8	98.2	98.4	98.5	98.8	98.8	98.9	99.0
IV 100	52.9	84.9	87.7	89.4	92.8	94.3	96.1	97.5	98.0	98.5	98.7	98.8	99.1	99.2	99.4	99.9
IV 0	52.9	84.9	87.7	89.4	92.8	94.3	96.1	97.5	98.0	98.5	98.7	98.8	99.1	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/44C

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEAR

NOV
MO

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
MOON

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0	
NO CEILING	15.6	37.9	38.1	39.1	38.2	39.3	38.3	38.3	38.3	38.3	38.4	38.4	38.4	39.4	38.6	
≥ 20000	16.8	40.2	40.3	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.9	
IV 18000	16.8	40.2	40.3	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.9	
IV 6000	17.1	40.4	40.5	40.7	40.8	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	
IV 14000	17.0	40.7	40.8	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.3	
IV 12000	17.0	40.8	40.9	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.4	
IV 10000	17.8	42.3	42.4	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	42.9	43.0	
IV 9000	17.9	42.9	43.0	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.5	
IV 8000	18.8	45.3	45.4	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.9	45.9	45.9	45.9	46.0	
IV 7000	19.2	47.3	47.4	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	48.0	
IV 6000	19.4	48.2	48.3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.8	
IV 5000	20.1	50.8	51.0	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.7	
IV 4500	21.3	52.4	52.7	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.4	
IV 4000	23.2	57.1	57.3	57.4	57.8	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.1	
IV 3500	24.2	60.4	60.7	60.8	61.2	61.6	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	
IV 3000	26.2	65.1	65.4	65.6	66.0	66.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.9	
IV 2500	26.4	69.7	70.0	70.1	70.7	71.1	71.3	71.4	71.4	71.4	71.7	71.7	71.7	71.7	71.8	
IV 2000	27.4	73.1	73.9	74.1	74.8	75.3	75.7	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.1	
IV 1800	27.5	73.9	74.8	75.0	75.9	76.4	76.8	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.2	
IV 1500	27.9	76.4	77.4	77.8	79.0	79.6	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.4	
IV 1200	28.0	78.1	79.2	79.6	80.9	81.6	82.1	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.6	
IV 1000	28.1	79.6	80.8	81.2	82.6	83.2	83.8	84.2	84.2	84.4	84.7	84.7	84.7	84.7	84.8	
IV 900	28.3	80.1	81.4	81.9	83.2	83.9	84.4	84.9	85.1	85.3	85.6	85.6	85.6	85.6	85.7	
IV 800	28.3	80.9	82.3	82.8	84.1	84.9	85.6	86.3	86.6	86.9	87.1	87.1	87.1	87.1	87.2	
IV 700	28.3	81.4	83.0	83.4	84.9	85.8	86.8	87.6	87.9	88.2	88.6	88.6	88.6	88.7	88.8	
IV 600	28.3	81.7	83.2	83.7	85.3	86.2	87.2	88.3	89.3	89.7	89.7	89.7	89.7	89.7	89.8	
IV 500	28.3	82.3	84.0	84.3	86.6	87.9	89.1	90.2	90.7	91.0	91.3	91.3	91.3	91.3	91.6	
IV 400	28.3	82.6	84.4	85.3	87.3	89.3	90.4	91.7	92.2	92.6	92.9	92.9	93.0	93.1	93.2	
IV 300	28.3	82.8	84.7	85.6	87.9	89.7	91.8	93.6	94.4	94.9	95.2	95.2	95.3	95.6	95.7	
IV 200	28.3	82.8	84.8	85.7	88.0	89.8	92.1	94.1	95.6	96.6	97.0	97.3	97.6	97.8	97.9	
IV 100	28.3	82.8	84.8	85.7	88.0	89.8	92.2	94.6	96.1	97.6	98.0	98.3	98.7	99.1	99.3	
IV 0	28.3	82.8	84.6	85.7	88.0	89.8	92.2	94.6	96.1	97.6	98.0	98.3	98.7	99.1	99.3	

TOTAL NUMBER OF OBSERVATIONS 900

1127

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 ACR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623
STATION

LORING AFB ME
STATION NAME

70-79
YEARS

NCV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3300-0500
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.75	≥.5	≥.25	≥.2	≥.15	≥.1	≥0
NO CEILING	17.4	26.3	36.3	36.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.4
≥ 20000	17.4	39.7	39.7	39.7	41.0	42.3	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.6
IV 18000	17.6	39.8	39.8	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.7
IV 16000	17.7	39.9	39.9	39.9	41.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.8
IV 14000	17.8	40.0	40.0	40.0	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.9
IV 12000	17.8	40.4	40.4	40.4	40.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9
IV 10000	17.9	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.3
IV 9000	18.7	41.3	41.3	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.0
IV 8000	18.3	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.6
IV 7000	19.3	44.3	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	45.2
IV 6000	19.7	44.9	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.9
IV 5000	19.9	46.8	46.8	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.8
IV 4500	21.1	49.2	49.3	49.3	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	50.2
IV 4000	22.4	54.2	54.3	54.3	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.4
IV 3500	24.0	57.1	57.3	57.3	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.6
IV 3000	25.2	62.6	63.1	63.1	63.6	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.3
IV 2500	25.8	67.4	68.1	68.3	68.8	68.9	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.8
IV 2000	27.1	70.3	71.0	71.4	72.2	72.3	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.7
IV 1800	27.3	71.6	72.2	72.7	73.4	73.6	73.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.9
IV 1500	27.6	74.4	75.1	75.8	76.8	77.1	77.4	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.8
IV 1200	27.8	76.2	77.0	77.6	79.1	79.4	80.0	80.7	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.6
IV 1000	27.8	77.8	78.3	79.6	81.0	81.7	82.3	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	84.0
IV 900	27.8	78.3	79.4	80.2	81.7	82.3	83.0	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.8
IV 800	27.8	79.1	80.3	81.1	82.8	83.4	84.2	85.1	85.4	85.8	85.8	85.8	85.8	85.8	85.8	86.3
IV 700	27.7	79.9	81.1	82.0	84.0	84.7	85.7	86.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.9
IV 600	27.7	80.6	82.0	82.9	84.9	85.7	86.7	88.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	89.5
IV 500	27.7	81.1	83.0	84.0	86.2	87.1	88.4	90.0	90.7	91.1	91.2	91.2	91.2	91.2	91.2	91.8
IV 400	27.7	81.8	83.9	84.9	87.6	88.7	90.0	92.0	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.6
IV 300	27.7	81.9	84.1	85.1	88.0	89.4	90.9	93.4	94.0	94.8	95.3	95.3	95.3	95.3	95.3	95.9
IV 200	27.8	82.0	84.2	85.3	88.3	89.8	91.2	94.4	95.0	95.8	96.4	96.4	96.4	96.4	96.4	97.0
IV 100	27.8	82.1	84.2	85.3	88.3	89.8	91.2	94.6	95.3	96.2	97.1	97.3	97.3	97.3	97.3	97.9
IV 0	27.8	82.0	84.2	85.3	88.3	89.8	91.2	94.6	95.3	96.3	97.2	97.4	97.4	97.4	97.4	98.0

TOTAL NUMBER OF OBSERVATIONS 903

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/440

CEILING VERSUS VISIBILITY

14023
STATION

LOOPING AFB ME
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2638-0000
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	25.0	34.2	34.4	34.4	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 20000	37.9	37.9	35.1	38.1	35.4	38.4	35.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 18000	31.2	38.2	38.6	38.6	38.9	38.9	39.3	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 16000	31.4	38.4	38.8	38.8	39.1	39.1	39.7	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 14000	31.9	39.1	39.4	39.4	39.8	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 12000	32.6	39.9	40.2	40.2	40.6	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 10000	33.8	41.8	42.1	42.2	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
IV 9000	33.9	42.1	42.4	42.6	42.9	42.9	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 8000	34.9	43.4	43.8	43.9	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 7000	35.2	44.6	45.1	45.2	45.8	45.8	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 6000	36.3	45.7	46.2	46.3	46.9	46.9	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 5000	38.2	47.8	48.2	48.3	48.9	48.9	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 4500	39.2	49.4	49.9	50.0	50.6	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 4000	40.9	52.4	53.0	53.3	54.0	54.0	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 3500	42.9	54.8	55.6	55.9	56.6	56.6	56.7	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1
IV 3000	45.6	58.4	59.2	59.6	60.3	60.3	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
IV 2500	49.3	64.3	65.4	65.9	66.8	66.9	67.2	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
IV 2000	51.3	67.7	68.9	69.3	70.4	70.7	71.1	71.4	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 1800	51.9	68.9	70.1	70.6	71.8	72.0	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 1500	53.7	73.0	74.4	75.0	76.8	77.0	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 1200	53.9	74.4	76.3	76.9	79.0	79.3	80.3	80.8	80.8	81.0	81.1	81.1	81.1	81.1	81.1	81.1
IV 1000	54.2	75.4	77.6	78.2	80.6	81.1	82.1	82.7	82.7	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 900	54.3	75.6	77.9	78.6	80.9	81.4	82.4	83.0	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6
IV 800	54.7	76.6	78.9	79.6	82.2	82.9	83.9	84.4	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2
IV 700	54.8	77.3	79.7	80.3	83.1	84.0	85.0	85.8	85.8	86.4	86.7	86.8	86.8	86.8	86.8	86.8
IV 600	54.9	77.6	80.3	81.0	83.9	84.8	85.9	86.9	87.0	88.0	88.3	88.4	88.5	88.6	88.6	88.6
IV 500	55.1	77.9	80.8	81.6	84.7	85.7	86.8	88.2	88.4	89.7	90.4	90.6	90.6	90.6	90.6	90.6
IV 400	55.1	78.2	81.3	82.4	85.7	86.9	88.1	89.8	90.1	91.4	92.2	92.3	92.6	92.6	92.6	92.6
IV 300	55.2	78.6	82.2	83.4	86.9	88.4	89.8	91.6	91.9	93.4	94.4	94.6	95.0	95.0	95.0	95.0
IV 200	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	95.8	95.9	96.9	97.0	97.3	97.7
IV 100	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	95.1	95.2	97.3	97.9	98.4	99.1
IV 0	55.3	78.9	82.4	83.7	87.2	89.0	90.6	92.3	92.6	94.7	96.1	96.2	97.3	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

1128

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

79-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.1	
NO CEILING	27.3	28.7	28.1	25.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4
≥ 20000	31.9	33.4	33.6	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0
≥ 18000	32.2	33.9	34.7	34.1	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4
≥ 16000	32.2	33.9	34.7	34.1	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4
≥ 14000	32.7	34.4	34.6	34.7	34.7	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0
≥ 12000	33.6	35.5	35.7	35.8	35.8	35.9	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 10000	35.5	37.7	37.8	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2
≥ 9000	35.9	38.7	38.9	38.9	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	37.8	41.1	41.3	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8
≥ 7000	39.1	42.9	43.1	43.2	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
≥ 6000	40.3	44.3	44.2	44.3	44.4	44.6	44.7	44.7	44.7	44.7	44.9	44.9	45.0	45.0	45.0	45.0	45.0
≥ 5000	41.4	45.8	46.1	46.3	46.4	46.6	46.7	46.7	46.7	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0
≥ 4500	41.7	46.1	46.6	46.8	46.9	47.7	47.1	47.1	47.1	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4
≥ 4000	43.4	48.2	48.9	49.2	49.4	49.6	49.7	49.7	49.7	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0
≥ 3500	45.5	51.3	52.3	52.8	53.7	53.1	53.2	53.2	53.2	53.2	53.4	53.4	53.7	53.7	53.7	53.7	53.7
≥ 3000	50.2	55.3	56.3	56.8	57.0	57.1	57.2	57.2	57.2	57.2	57.5	57.5	57.7	57.7	57.7	57.7	57.7
≥ 2500	57.4	63.7	64.7	65.1	65.4	65.6	65.7	66.0	66.0	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4
≥ 2000	62.0	68.9	70.0	70.6	71.1	71.2	71.6	71.9	71.9	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4
≥ 1800	63.3	70.2	71.3	71.9	72.4	72.6	72.9	73.2	73.2	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 1500	65.6	73.9	74.7	75.6	76.6	76.7	77.6	78.0	78.0	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6
≥ 1200	66.6	75.1	76.3	77.2	78.6	78.7	79.7	80.2	80.2	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0
≥ 1000	67.4	76.6	78.2	79.1	80.8	81.1	82.2	82.9	82.9	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9
≥ 900	67.4	76.9	78.6	79.4	81.2	81.7	82.8	83.4	83.4	84.1	84.2	84.3	84.4	84.4	84.4	84.4	84.4
≥ 800	67.9	77.9	79.9	80.8	82.6	83.1	84.3	85.1	85.2	85.9	86.2	86.3	86.6	86.6	86.6	86.6	86.6
≥ 700	68.1	78.7	81.0	82.0	83.9	84.6	85.9	86.8	87.0	87.8	88.2	88.3	88.7	88.8	88.8	88.8	88.8
≥ 600	68.1	79.1	81.6	82.6	84.8	85.4	86.8	87.7	88.0	88.8	89.2	89.3	89.8	89.9	89.9	89.9	89.9
≥ 500	68.4	79.6	82.4	83.4	86.1	86.8	88.2	89.2	89.6	90.3	90.5	91.2	91.3	92.0	92.4	92.4	92.4
≥ 400	68.4	80.1	82.9	84.1	86.8	87.7	89.4	90.8	91.1	92.1	92.9	93.6	94.3	94.6	95.0	95.0	95.0
≥ 300	68.4	80.2	83.0	84.3	87.4	88.7	90.6	91.9	92.3	93.3	94.4	95.2	96.1	96.3	96.8	96.8	96.8
≥ 200	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.1	95.9	97.2	98.1	98.6	98.6	98.6
≥ 100	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.2	96.0	97.7	98.7	99.1	99.5	99.5
≥ 0	68.4	80.4	83.2	84.6	87.7	89.1	91.0	92.3	92.9	94.0	95.2	96.0	97.7	98.7	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

14023
STATION

LOPING AFB ME
STATION NAME

73-79
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1207-1403
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥.0
NO CEILING	23.7	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 20000	28.8	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
IV 18000	29.1	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
IV 16000	29.3	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
IV 14000	30.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
IV 12000	31.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
IV 10000	33.9	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
IV 9000	34.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
IV 8000	35.2	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
IV 7000	38.1	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
IV 6000	38.3	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
IV 5000	39.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 4500	39.8	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
IV 4000	42.4	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 3500	45.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 3000	50.3	54.1	54.1	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.1	55.1	55.1
IV 2500	58.4	63.0	63.0	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4
IV 2000	63.9	69.6	69.6	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4
IV 1800	64.3	70.3	70.9	71.6	71.9	72.2	72.2	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.4	72.4
IV 1500	67.2	73.9	74.9	75.8	76.2	76.6	76.7	76.7	76.7	76.7	77.0	77.1	77.1	77.1	77.1	77.1
IV 1200	68.7	76.2	77.4	78.4	79.2	79.7	80.1	80.1	80.1	80.4	80.6	80.6	80.6	80.6	80.6	80.6
IV 1000	69.6	77.4	79.1	80.2	81.7	82.4	83.2	83.3	83.4	84.1	84.2	84.2	84.2	84.2	84.2	84.2
IV 900	70.3	78.7	80.3	81.7	83.4	84.2	85.0	85.2	85.3	86.0	86.1	86.2	86.2	86.2	86.2	86.2
IV 800	70.4	79.3	81.1	82.7	84.6	85.4	86.4	86.7	86.9	87.7	87.9	88.0	88.1	88.1	88.1	88.1
IV 700	70.6	79.8	81.4	83.1	85.3	86.4	87.7	88.1	88.3	89.2	89.6	89.7	89.8	89.8	89.8	89.8
IV 600	70.6	80.2	81.9	83.7	86.0	87.1	88.3	88.8	89.0	90.1	90.4	90.6	90.8	90.8	90.8	90.8
IV 500	70.8	80.9	83.2	85.0	87.4	88.7	90.0	90.7	90.9	92.3	93.1	93.3	94.0	94.1	94.1	94.1
IV 400	71.0	81.3	83.8	85.7	88.2	89.4	91.1	92.1	92.4	93.9	94.8	95.0	95.7	95.8	95.8	95.8
IV 300	71.0	81.4	83.9	85.8	88.4	90.0	91.7	92.7	93.2	94.7	95.6	96.0	96.7	96.9	96.9	96.9
IV 200	71.0	81.6	84.2	85.9	88.8	90.6	92.3	93.3	94.0	95.8	96.9	97.4	98.1	98.3	98.7	98.7
IV 100	71.0	81.6	84.1	85.9	88.8	90.6	92.3	93.3	94.1	95.9	97.0	97.6	98.2	98.5	98.9	99.4
IV 0	71.0	81.6	84.1	85.9	88.8	90.6	92.3	93.3	94.1	95.9	97.0	97.6	98.2	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1120

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.3	≥0.25	≥0.2	≥0.15	≥0.1	≥0
NO CEILING	23.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	28.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 18000	28.8	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 16000	29.1	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 14000	29.7	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 12000	30.7	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 10000	32.4	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 9000	33.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 8000	35.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	38.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000	38.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 5000	37.7	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	45.5	45.5
≥ 4500	38.3	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4000	42.4	52.7	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 3500	45.7	56.5	56.6	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3000	49.4	60.2	60.6	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
≥ 2500	52.8	66.5	67.2	67.4	67.5	67.6	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 2000	57.2	73.9	74.3	74.5	74.7	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 1800	57.4	74.4	75.2	75.4	75.6	75.8	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1500	58.2	76.4	77.3	77.6	78.2	78.6	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 1200	59.3	78.0	79.1	79.5	80.4	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6
≥ 1000	59.5	78.6	79.9	80.3	81.5	82.3	82.6	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2
≥ 900	59.7	79.3	80.8	81.4	83.1	84.0	84.6	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3
≥ 800	59.7	81.0	81.6	82.3	84.1	85.1	85.8	86.1	86.5	86.6	86.6	86.6	86.9	86.9	86.9	86.9
≥ 700	59.8	83.2	82.0	83.0	85.0	86.1	87.0	87.5	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5
≥ 600	59.8	80.6	82.6	83.6	85.6	86.9	87.9	88.5	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8
≥ 500	59.8	83.8	83.4	84.3	86.9	88.1	89.1	89.8	90.5	90.9	91.0	91.1	91.2	91.2	91.2	91.2
≥ 400	60.0	81.1	83.5	85.0	87.7	89.2	90.3	91.2	92.4	93.0	93.2	93.4	93.7	94.1	94.1	94.1
≥ 300	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	92.9	94.2	95.1	95.3	96.0	96.8	97.0	97.0
≥ 200	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.4	97.2	97.4	98.0	98.4
≥ 100	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.5	97.3	97.7	98.4	98.7
≥ 0	60.0	81.1	83.8	85.4	88.4	89.4	90.0	91.4	93.1	94.4	95.6	96.6	97.3	97.7	98.4	98.7

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AF WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

4-23

LOPING AFB ME

7-76

NCV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1977-2000

CEILING feet	VISIBILITY - STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0.4
NO CEILING	16.2	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
W 20000	19.2	37.5	38.7	38.2	38.3	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
W 18000	19.4	38.2	38.5	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
W 15000	19.4	38.4	38.5	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
W 14000	19.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
W 12000	19.7	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
W 10000	20.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
W 9000	20.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
W 8000	21.4	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
W 7000	21.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
W 5000	22.5	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
W 3000	22.9	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
W 4500	25.2	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
W 4000	26.4	57.2	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
W 3500	27.3	59.0	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
W 3000	28.1	63.5	63.3	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
W 2500	29.4	68.9	70.0	70.3	72.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
W 2000	30.3	73.2	74.9	75.3	75.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
W 1800	30.6	74.3	75.6	75.9	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
W 1500	30.7	75.7	77.3	77.6	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
W 1200	30.8	77.7	79.2	79.7	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
W 1000	30.8	79.3	81.5	81.8	83.0	83.4	83.6	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 900	31.1	80.0	82.3	82.3	83.6	84.1	84.4	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
W 800	31.0	80.3	82.3	82.6	84.1	84.6	85.7	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
W 700	31.1	80.9	82.6	83.0	85.1	85.6	86.3	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
W 600	31.1	80.6	83.3	83.4	85.3	86.2	86.5	87.4	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3
W 500	31.1	81.0	83.3	83.9	86.4	87.2	87.9	89.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4
W 400	31.1	81.4	83.4	84.4	87.2	88.5	89.4	90.8	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5
W 300	31.1	81.7	84.3	85.0	88.1	89.4	90.4	92.5	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
W 200	31.1	81.7	84.3	85.0	88.1	89.4	90.4	92.5	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
W 100	31.1	81.7	84.3	85.0	88.1	89.4	90.4	92.5	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
0	31.1	81.7	84.3	85.0	88.1	89.4	90.4	92.5	94.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2

TOTAL NUMBER OF OBSERVATIONS

892

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

70-79

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.2	≥.16	≥.1	≥0
NO CEILING	16.7	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
> 20000	18.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 18000	18.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	18.3	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	18.4	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 12000	18.7	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 10000	19.2	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 9000	19.3	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	20.0	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 7000	21.0	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 6000	21.9	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 5000	22.7	50.7	50.7	50.7	50.8	50.8	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 4500	23.9	53.3	53.4	53.4	53.6	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4000	25.3	57.2	57.3	57.3	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3500	26.3	59.9	61.1	61.1	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3000	27.4	65.6	65.9	65.9	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 2500	28.4	70.5	71.0	71.1	71.5	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 2000	29.4	74.8	75.4	75.5	76.0	76.3	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 1800	29.4	75.9	76.6	76.7	77.3	77.5	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 1500	30.0	79.7	80.5	80.7	81.5	81.7	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 1200	30.0	80.2	81.4	81.6	82.4	82.7	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	30.0	80.9	82.3	82.5	83.4	83.7	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 900	30.0	80.9	82.3	82.5	83.4	83.7	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 800	30.0	81.5	82.9	83.2	84.1	84.4	84.8	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 700	30.0	81.8	83.4	83.7	84.6	84.9	85.6	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 600	30.2	82.7	84.4	84.7	85.7	86.4	87.2	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 500	30.2	82.9	84.6	84.9	86.3	87.0	87.8	89.0	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 400	30.2	83.1	84.8	85.3	86.8	87.7	88.6	90.4	91.3	91.8	91.9	91.9	91.9	91.9	91.9	91.9
≥ 300	30.2	83.6	85.4	85.8	87.5	89.1	90.7	92.8	93.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 200	30.2	83.6	85.4	85.8	87.7	89.2	91.1	93.5	95.1	96.7	97.2	97.8	97.9	97.9	97.9	97.9
≥ 100	30.2	83.6	85.4	85.8	87.8	89.3	91.2	93.8	95.4	97.0	97.7	98.3	98.6	99.1	99.1	99.1
0	30.2	83.6	85.4	85.8	87.8	89.3	91.2	93.8	95.4	97.0	97.7	98.3	98.6	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
ADP CENTER SERVICE/HAC

CEILING VERSUS VISIBILITY

1 1923 CORING AFB ME
STATION STATION NAME

70-70
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.8	≥0.6	≥0.5	≥0.4	≥0.3	≥0
NO CEILING	21.3	33.2	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.6
≥ 20000	24.0	36.7	36.7	36.8	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1
≥ 18000	24.2	36.9	37.0	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4
≥ 16000	24.3	37.1	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5
≥ 14000	24.7	37.6	37.7	37.7	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0
≥ 12000	25.2	38.4	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9
≥ 10000	26.4	40.3	40.4	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8
≥ 9000	26.6	40.8	40.9	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.3
≥ 8000	27.8	42.8	42.9	43.0	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 7000	28.8	44.6	44.7	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.1
≥ 6000	29.5	45.6	45.8	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.3
≥ 5000	30.4	47.4	47.6	47.7	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.2
≥ 4500	31.3	49.1	49.3	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.9
≥ 4000	33.4	53.0	53.3	53.4	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
≥ 3500	35.3	56.0	56.4	56.6	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
≥ 3000	37.8	60.6	61.1	61.3	61.6	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.2
≥ 2500	41.1	66.8	67.5	67.8	68.2	68.3	68.5	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9
≥ 2000	43.6	71.4	72.3	72.7	73.3	73.5	73.7	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.2
≥ 1800	44.0	72.4	73.3	73.7	74.4	74.6	74.8	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.3
≥ 1500	45.1	75.4	76.5	77.0	77.9	78.2	78.6	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2
≥ 1200	45.6	77.0	78.3	78.8	80.0	80.4	81.0	81.2	81.2	81.4	81.5	81.5	81.5	81.5	81.6	81.7
≥ 1000	45.9	78.2	79.8	80.4	81.8	82.4	83.0	83.4	83.5	83.8	83.9	83.9	83.9	83.9	84.0	84.1
≥ 900	46.1	78.7	80.5	81.0	82.6	83.2	83.9	84.3	84.4	84.7	84.8	84.8	84.9	84.9	84.9	85.0
≥ 800	46.2	79.4	81.2	81.9	83.6	84.2	85.0	85.5	85.8	86.2	86.3	86.3	86.4	86.4	86.4	86.5
≥ 700	46.3	79.9	81.8	82.6	84.5	85.3	85.2	86.9	87.2	87.6	87.8	87.9	88.0	88.0	88.0	88.1
≥ 600	46.3	80.4	82.4	83.2	85.2	86.1	87.1	87.9	88.3	88.8	89.0	89.1	89.3	89.3	89.3	89.4
≥ 500	46.4	80.8	83.0	84.0	86.3	87.3	88.4	89.6	90.0	90.7	91.0	91.2	91.4	91.5	91.6	91.7
≥ 400	46.5	81.2	83.6	84.6	87.2	88.4	89.7	91.1	91.7	92.5	93.0	93.1	93.5	93.6	93.7	93.8
≥ 300	46.5	81.4	83.9	85.1	87.9	89.3	90.9	92.7	93.5	94.5	95.1	95.4	95.7	95.9	96.0	96.1
≥ 200	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.4	94.5	95.9	96.9	97.4	98.0	98.6	98.8	99.0
≥ 100	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.4	94.5	95.9	96.9	97.4	98.0	98.6	98.8	99.0
≥ 0	46.5	81.5	84.0	85.2	88.0	89.6	91.3	93.4	94.5	95.9	96.9	97.4	98.1	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14223 LOPING AFB ME

59-75

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1000-0200
 HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.7	≥2.2	≥1.7	≥1.4	≥1	≥.7	≥.5	≥.3	≥.16	≥.1	≥0
NO CEILING	15.9	33.2	38.2	38.3	38.3	38.3	38.5	38.6	38.6	38.7	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	17.1	40.7	40.7	40.1	40.1	40.1	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6
IV 18000	17.3	40.5	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2
IV 16000	17.5	40.5	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2
IV 14000	17.1	40.8	40.8	40.9	40.9	40.9	41.1	41.2	41.2	41.3	41.4	41.4	41.4	41.4	41.4	41.4
IV 12000	17.5	41.7	41.7	41.8	41.8	41.8	42.0	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4
IV 10000	18.1	43.1	43.0	43.1	43.1	43.1	43.3	43.4	43.4	43.5	43.7	43.7	43.7	43.7	43.7	43.7
IV 9000	18.0	43.2	43.2	43.3	43.3	43.3	43.5	43.7	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9
IV 8000	18.6	44.4	44.4	44.5	44.5	44.5	44.7	44.8	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1
IV 7000	19.6	46.2	46.2	46.5	46.5	46.5	46.7	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0
IV 6000	19.8	47.7	47.7	48.0	48.0	48.0	48.2	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5
IV 5000	20.3	49.7	49.7	50.0	50.0	50.0	50.2	50.3	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5
IV 4500	20.4	50.6	50.6	51.1	51.1	51.1	51.3	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6
IV 4000	20.9	52.4	52.4	53.0	53.0	53.0	53.3	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0
IV 3500	21.6	54.7	54.7	55.4	55.5	55.7	56.0	56.2	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
IV 3000	22.5	58.1	58.5	59.0	59.2	59.5	59.8	60.1	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.5
IV 2500	23.2	61.4	62.2	62.8	63.2	63.4	63.8	64.1	64.3	64.3	64.9	64.9	64.9	64.9	64.9	64.9
IV 2000	23.7	64.3	65.6	66.2	67.3	67.5	68.2	68.8	69.7	69.6	69.7	69.7	69.7	69.7	69.7	69.7
IV 1800	23.7	64.9	66.2	66.9	68.1	68.3	68.9	69.6	69.8	70.3	70.4	70.4	70.4	70.4	70.4	70.4
IV 1500	24.2	66.9	70.4	71.2	72.5	72.7	73.5	74.6	75.2	75.7	75.8	75.8	75.8	75.8	75.8	75.8
IV 1200	24.3	70.6	72.4	73.2	74.7	74.9	75.9	77.2	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4
IV 1000	24.7	72.2	74.1	75.1	77.0	77.3	78.7	80.4	81.3	81.6	82.0	82.0	82.0	82.0	82.0	82.0
IV 900	24.7	72.3	74.5	75.5	77.5	78.1	79.7	81.8	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5
IV 800	24.7	73.3	75.3	76.3	78.6	79.1	80.9	83.4	84.5	85.2	85.4	85.4	85.4	85.4	85.4	85.4
IV 700	24.8	74.0	75.9	77.2	79.6	80.1	81.9	84.5	86.0	86.7	86.9	86.9	86.9	86.9	86.9	86.9
IV 600	24.8	74.3	76.2	77.6	80.0	80.5	82.4	84.9	86.9	87.7	88.0	88.0	88.1	88.2	88.2	88.2
IV 500	24.8	74.4	76.6	78.1	80.9	81.5	83.5	86.9	89.0	90.1	91.1	91.1	91.2	91.4	91.4	91.4
IV 400	24.8	74.8	77.2	78.8	81.7	82.4	84.5	86.2	90.5	91.8	93.0	93.3	93.4	93.7	93.7	93.7
IV 300	24.8	74.9	77.3	79.0	81.9	82.6	85.2	89.4	91.9	93.7	95.6	95.9	96.1	96.3	96.3	96.3
IV 200	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.0	92.7	94.6	97.1	97.6	98.0	98.4	98.5	98.7
IV 100	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.1	92.9	94.8	97.5	98.2	98.7	99.1	99.2	99.7
IV 0	24.8	74.9	77.4	79.1	82.0	82.8	85.4	90.1	92.9	94.8	97.7	98.4	98.9	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14023 STATION LOPING AFB ME 67-78 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3303-0510
 HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.2	≥.1	≥0
NO CEILING	13.7	38.1	38.6	38.6	38.7	38.7	38.8	38.9	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2
≥ 20000	14.3	39.7	40.1	40.3	40.4	40.4	40.5	40.6	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0
IV 18000	14.5	40.1	40.8	40.8	40.9	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4
IV 16000	14.5	40.1	40.8	40.8	40.9	40.9	41.0	41.1	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.4
IV 14000	14.6	40.3	41.0	41.0	41.1	41.1	41.1	41.2	41.3	41.4	41.5	41.5	41.6	41.6	41.6	41.6
IV 12000	14.9	40.8	41.4	41.4	41.5	41.5	41.5	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.0
IV 10000	15.2	41.8	42.5	42.5	42.7	42.7	42.9	43.0	43.1	43.2	43.2	43.2	43.3	43.3	43.3	43.3
IV 9000	15.3	41.9	42.6	42.6	42.8	42.8	43.0	43.1	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4
IV 8000	15.3	43.3	44.0	44.0	44.2	44.2	44.4	44.5	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8
IV 7000	16.2	44.8	45.5	45.5	45.7	45.7	45.9	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3
IV 6000	17.3	46.9	47.5	47.5	47.7	47.7	48.0	48.1	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4
IV 5000	17.6	48.4	49.1	49.1	49.5	49.5	49.8	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.2	50.2
IV 4500	17.8	49.4	50.3	50.3	50.8	50.8	51.1	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5
IV 4000	18.3	51.9	52.9	53.1	53.7	53.7	54.0	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
IV 3500	19.0	53.2	54.2	54.4	55.1	55.1	55.4	55.5	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8
IV 3000	20.1	57.0	58.2	58.4	59.1	59.1	59.5	59.7	59.8	59.9	59.9	59.9	60.0	60.0	60.0	60.0
IV 2500	20.9	61.1	62.7	63.1	64.5	64.6	65.3	65.6	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1
IV 2000	21.8	65.4	67.2	67.7	69.8	69.9	70.5	71.2	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8
IV 1800	21.9	66.6	68.4	69.0	71.2	71.3	71.9	72.6	72.7	73.1	73.1	73.1	73.2	73.2	73.2	73.2
IV 1500	22.4	69.0	71.1	71.7	74.0	74.2	74.8	75.5	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5
IV 1200	22.7	71.9	73.1	73.8	76.2	76.5	77.3	78.2	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7
IV 1000	22.9	71.6	73.9	74.5	77.2	77.6	78.7	80.1	81.9	82.3	82.3	82.3	82.4	82.4	82.4	82.4
IV 900	22.9	71.8	74.2	74.8	77.7	78.4	79.6	81.3	83.2	83.5	83.5	83.5	83.7	83.7	83.7	83.7
IV 800	22.9	72.6	75.4	76.0	79.0	79.8	81.5	82.8	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7
IV 700	23.0	73.0	75.8	76.7	79.8	80.5	81.8	83.7	85.7	86.6	86.7	86.7	86.8	86.8	86.8	86.8
IV 600	23.0	73.0	75.8	76.8	79.9	80.6	82.0	84.1	86.2	87.4	87.5	87.5	87.6	87.6	87.6	87.6
IV 500	23.0	73.4	76.5	77.6	80.9	81.6	83.1	85.6	87.8	89.6	90.1	90.2	90.3	90.6	90.6	90.6
IV 400	23.0	74.1	77.5	78.7	82.0	83.1	84.7	87.2	89.5	91.6	92.8	93.1	93.2	93.5	93.5	93.5
IV 300	23.0	74.4	78.1	79.2	82.8	84.1	86.0	89.0	91.3	93.9	95.6	96.1	96.6	96.9	96.9	96.9
IV 200	23.0	74.4	78.2	79.5	83.0	84.4	86.7	90.0	92.3	94.9	97.0	97.7	98.3	98.6	98.6	98.6
IV 100	23.0	74.4	78.2	79.5	83.1	84.5	86.8	90.1	92.5	95.3	97.4	98.4	98.9	99.4	99.7	99.7
IV 0	23.0	74.4	78.2	79.5	83.1	84.5	86.8	90.1	92.5	95.3	97.5	98.5	99.0	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14623 LORING AFB ME

69-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

4632-0800
 HOURS EST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING	24.6	36.9	37.7	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 20000	26.1	39.6	39.7	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 18000	26.6	40.1	40.2	40.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 16000	26.7	40.2	40.3	40.6	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3
≥ 14000	26.9	40.6	40.5	41.1	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.7
≥ 12000	27.1	41.1	41.2	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3
≥ 10000	28.4	42.7	42.8	43.1	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1
≥ 9000	28.6	43.0	43.1	43.4	44.1	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4
≥ 8000	29.1	44.3	44.4	44.7	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7
≥ 7000	30.0	45.8	45.9	46.2	46.9	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2
≥ 6000	31.5	43.3	43.5	43.8	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8
≥ 5000	32.8	49.9	50.1	50.4	51.1	51.2	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.5
≥ 4500	33.2	51.4	51.5	51.6	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
≥ 4000	34.5	52.8	53.4	53.8	54.6	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 3500	35.6	54.2	54.8	55.2	56.2	56.3	56.5	56.6	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.9
≥ 3000	36.6	57.8	58.6	59.1	60.4	60.5	60.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.1
≥ 2500	38.7	62.2	63.1	63.8	65.6	65.9	66.2	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.9
≥ 2000	39.4	64.3	65.6	66.3	68.7	69.0	69.7	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.4
≥ 1800	39.8	65.2	66.5	67.2	69.7	70.0	70.8	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5
≥ 1500	41.6	69.2	70.3	71.5	74.3	74.9	75.8	76.7	76.8	76.9	77.2	77.2	77.2	77.2	77.2	77.3
≥ 1200	42.0	70.5	72.2	73.1	75.1	75.9	78.0	78.9	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.8
≥ 1000	42.3	71.7	73.4	74.4	77.8	78.7	80.3	81.1	81.2	81.7	82.2	82.3	82.3	82.3	82.3	82.4
≥ 900	42.4	72.2	73.9	74.8	78.4	79.5	81.0	82.4	82.5	83.0	83.5	83.7	83.8	83.8	83.8	83.9
≥ 800	42.4	72.6	74.5	75.6	79.1	80.4	81.9	83.5	83.9	84.6	85.3	85.4	85.5	85.5	85.5	85.6
≥ 700	42.4	72.7	74.8	76.1	79.6	80.9	82.6	84.3	84.7	85.6	86.7	86.8	86.9	87.0	87.0	87.1
≥ 600	42.5	72.8	75.2	76.3	80.1	81.6	83.4	85.2	85.7	86.9	88.1	88.2	88.3	88.4	88.4	88.5
≥ 500	42.5	73.7	76.3	77.6	81.6	83.1	85.3	87.1	89.0	89.2	90.9	91.2	91.3	91.4	91.4	91.5
≥ 400	42.5	73.8	76.7	78.2	82.5	84.0	86.2	88.4	89.6	91.2	92.8	93.2	93.8	93.9	93.9	94.0
≥ 300	42.5	74.0	77.0	78.6	83.0	84.9	87.2	89.5	90.9	92.6	94.5	95.2	95.9	96.0	96.0	96.1
≥ 200	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.2	97.2	98.0	98.2	98.2	98.3
≥ 100	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.8	97.8	98.7	99.2	99.6	99.8
≥ 0	42.5	74.0	77.2	78.9	83.3	85.8	88.1	90.6	92.0	94.1	96.8	97.8	98.7	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14823
 STATION

LORING AFB ME
 STATION NAME

69-78
 YEARS

DEC
 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3980-1100
 HOURS

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥.15	≥.1
NO CEILING	33.7	35.4	35.9	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 20000	34.9	37.8	38.5	38.6	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
IV 18000	35.3	38.4	39.7	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
IV 16000	35.4	38.6	39.2	39.4	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
IV 14000	35.8	39.5	40.1	40.2	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
IV 12000	36.8	40.2	40.9	41.0	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 10000	38.8	42.6	43.2	43.3	43.8	43.8	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
IV 9000	39.2	43.1	43.8	43.9	44.3	44.3	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 8000	41.1	45.3	45.9	46.0	46.8	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
IV 7000	43.2	47.7	48.6	48.7	49.5	49.6	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 6000	43.8	48.4	49.2	49.4	50.1	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
IV 5000	44.9	49.8	50.9	51.1	52.0	52.2	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 4500	45.2	50.1	51.2	51.4	52.4	52.5	52.7	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0
IV 4000	47.8	53.7	54.1	54.3	55.4	55.5	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
IV 3500	48.5	53.8	54.8	55.1	56.1	56.3	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
IV 3000	50.9	56.7	57.8	58.1	59.4	59.6	59.8	60.2	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 2500	52.5	59.7	61.2	61.4	63.0	63.3	63.9	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
IV 2000	54.6	63.2	64.9	65.4	67.6	68.7	69.6	70.4	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
IV 1800	54.8	63.8	65.5	65.9	68.5	69.7	70.5	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9
IV 1500	56.7	66.5	68.6	69.1	71.9	73.2	74.2	75.4	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1
IV 1200	57.4	67.6	70.1	70.8	73.8	75.1	76.1	77.5	77.9	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1000	58.2	68.8	71.7	71.9	75.2	76.6	77.6	79.0	79.6	80.6	80.8	80.8	80.8	80.9	80.9	80.9
IV 900	58.5	69.6	72.5	73.1	76.5	77.8	79.2	80.6	81.2	82.3	82.4	82.4	82.4	82.5	82.5	82.5
IV 800	58.9	70.4	73.7	74.6	78.2	79.8	81.3	82.8	83.5	85.1	85.3	85.4	85.4	85.5	85.5	85.5
IV 700	58.9	70.4	74.3	75.2	78.8	80.4	82.2	83.9	84.8	86.7	87.1	87.3	87.3	87.4	87.4	87.4
IV 600	58.9	70.9	74.3	75.5	79.1	80.9	82.6	84.4	85.4	87.5	88.2	88.6	88.7	88.8	88.8	88.8
IV 500	59.2	71.3	74.8	76.3	80.1	82.0	83.9	85.9	87.3	89.6	90.4	91.0	91.2	91.3	91.3	91.3
IV 400	59.2	71.9	75.2	76.8	81.0	83.1	85.2	87.6	89.1	91.5	93.2	94.1	94.6	94.8	94.8	94.8
IV 300	59.2	71.5	75.2	76.9	81.2	83.7	85.8	88.5	90.2	92.6	95.1	96.2	96.9	97.3	97.3	97.3
IV 200	59.2	71.5	75.2	76.9	81.2	83.7	86.0	89.1	90.8	93.1	95.7	96.9	98.0	98.6	98.9	98.9
IV 100	59.2	71.5	75.2	76.9	81.2	83.7	86.0	89.1	90.8	93.2	95.9	97.1	98.4	99.1	99.7	99.7
IV 0	59.2	71.5	75.2	76.9	81.2	83.7	86.0	89.1	90.8	93.2	95.9	97.1	98.4	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

14330

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AFB WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

69-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (LT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥0.9	≥0.8	≥0.7	≥0.6	≥0.5	≥0
NO CEILING	37.6	32.3	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 20000	34.6	36.6	36.7	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
IV 18000	35.4	37.4	37.5	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
IV 16000	35.7	37.8	38.7	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
IV 14000	36.2	38.8	38.7	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
IV 12000	37.1	39.8	39.9	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
IV 10000	38.2	41.2	41.5	41.7	41.9	41.9	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
IV 9000	39.2	42.3	42.7	42.9	43.1	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 8000	40.3	44.3	44.7	44.9	45.3	45.3	45.4	45.5	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 7000	42.5	46.0	46.8	47.0	47.3	47.3	47.4	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
IV 6000	43.3	47.0	47.7	48.0	48.5	48.5	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 5000	44.9	48.8	49.4	49.6	50.1	50.1	50.4	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
IV 4500	44.9	48.7	49.5	49.7	50.2	50.2	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IV 4000	47.2	51.3	52.1	52.3	52.8	52.8	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
IV 3500	47.8	52.5	52.8	53.0	53.7	53.7	54.0	54.3	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
IV 3000	50.2	55.2	55.9	56.1	57.2	57.2	57.5	57.8	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5
IV 2500	53.1	59.1	59.9	60.1	61.6	61.8	62.2	62.5	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1
IV 2000	56.3	63.3	64.4	64.7	66.7	67.5	68.1	68.6	69.0	69.2	69.6	69.6	69.6	69.6	69.6	69.6
IV 1800	57.2	64.8	65.7	66.0	68.1	69.0	69.6	70.1	70.5	70.8	71.1	71.1	71.1	71.1	71.1	71.1
IV 1500	59.1	67.0	68.2	68.9	71.4	72.6	73.4	74.3	74.7	75.2	75.6	75.7	75.7	75.7	75.7	75.7
IV 1200	60.1	68.7	70.0	71.0	73.5	74.7	75.6	76.9	77.7	78.2	78.8	78.9	78.9	78.9	78.9	78.9
IV 1000	61.1	70.2	71.5	72.5	75.2	76.5	77.5	78.9	79.8	80.5	81.3	81.4	81.5	81.5	81.5	81.5
IV 900	61.1	70.9	71.8	72.8	76.0	77.3	78.5	80.2	81.3	82.0	82.8	82.9	83.0	83.0	83.0	83.0
IV 800	61.0	71.1	72.8	73.8	77.1	78.5	80.1	82.3	83.3	84.7	85.6	85.7	85.8	85.8	85.8	85.8
IV 700	61.0	71.5	73.4	74.4	77.8	79.2	81.2	83.7	84.7	86.3	87.3	87.4	87.5	87.5	87.5	87.5
IV 600	61.2	72.0	74.0	74.9	78.5	79.9	81.9	84.5	85.8	87.5	88.6	88.7	88.9	88.9	88.9	88.9
IV 500	61.3	72.7	74.7	75.7	79.4	80.8	83.0	86.3	87.7	89.7	90.9	91.0	91.3	91.3	91.3	91.3
IV 400	61.3	72.8	74.9	76.1	80.5	82.2	84.5	88.4	89.2	91.8	93.8	93.9	94.2	94.2	94.2	94.2
IV 300	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.2	90.9	93.1	95.6	95.9	96.8	97.0	97.1	97.2
IV 200	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.3	95.8	96.2	97.5	98.2	98.3	98.4
IV 100	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.4	96.2	96.8	98.3	98.9	99.1	99.6
IV 0	61.4	73.0	75.2	76.3	80.8	82.5	84.9	89.4	91.0	93.4	96.2	96.8	98.3	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

14-23 STATION LOPING AFB ME

69-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS EST

CEILING -FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.8	≥.7	≥.6	≥.5	≥.4	≥.3
NO CEILING	27.8	37.1	37.1	37.3	37.4	37.5	37.5	37.5	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 20000	29.8	40.0	40.2	40.4	40.5	40.6	40.6	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
IV 18000	31.1	41.5	41.5	41.7	41.8	41.9	41.9	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4
IV 16000	31.1	41.4	41.5	41.6	41.9	42.3	42.7	42.2	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5
IV 14000	31.2	41.9	42.3	42.4	42.5	42.6	42.6	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 12000	31.8	43.0	43.3	43.4	43.5	43.7	43.7	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 10000	33.0	44.7	45.1	45.3	45.5	45.6	45.6	45.7	45.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0
IV 9000	33.8	45.9	45.8	46.0	46.2	46.3	46.3	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 8000	34.2	45.7	47.0	47.2	47.5	47.6	47.6	47.7	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1
IV 7000	35.4	46.4	48.7	48.9	49.2	49.4	49.4	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
IV 6000	35.7	48.3	49.1	49.4	49.7	49.8	49.8	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 5600	36.8	50.2	50.5	50.8	51.1	51.2	51.3	51.5	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
IV 4500	37.5	51.1	51.3	51.5	51.8	52.0	52.2	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 4000	38.4	53.4	54.1	54.3	54.7	54.9	55.2	55.5	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 3500	39.5	54.9	55.6	55.9	56.3	56.6	56.8	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6
IV 3000	41.1	58.1	59.7	59.5	60.1	60.4	60.6	61.1	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 2500	44.0	63.0	64.4	65.1	66.3	66.6	66.9	67.4	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1
IV 2000	45.5	65.5	67.3	68.1	69.2	69.8	70.2	71.1	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7
IV 1800	45.9	66.1	68.2	68.9	70.1	70.6	71.2	72.0	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
IV 1500	47.1	69.6	71.5	72.7	74.4	75.1	75.9	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4
IV 1200	47.7	70.6	72.9	73.9	75.9	76.6	78.0	79.0	79.5	80.0	80.4	80.4	80.4	80.4	80.4	80.4
IV 1000	48.4	71.9	74.4	75.4	77.5	78.2	79.8	81.1	81.6	82.5	83.0	83.0	83.0	83.0	83.0	83.0
IV 900	48.4	72.4	74.9	75.9	78.1	78.8	80.4	82.0	82.6	83.3	84.1	84.1	84.2	84.2	84.2	84.2
IV 800	48.5	73.3	75.9	75.9	79.3	80.1	81.9	84.0	84.6	85.5	86.8	86.8	86.8	86.8	86.8	86.8
IV 700	48.5	73.7	76.5	77.4	79.6	80.6	82.7	85.2	85.9	86.8	88.3	88.4	88.5	88.5	88.5	88.5
IV 600	42.5	73.7	76.5	77.5	79.9	81.1	83.0	85.5	86.3	87.6	89.4	89.6	89.7	89.7	89.7	89.7
IV 500	43.5	73.7	76.6	77.6	80.1	81.3	83.2	86.0	87.0	88.5	90.5	90.8	90.9	90.9	90.9	90.9
IV 400	43.5	73.7	76.6	77.7	80.2	81.4	83.5	86.7	87.7	90.0	92.3	92.6	93.1	93.1	93.1	93.1
IV 300	48.5	73.8	76.7	78.0	80.8	82.2	84.4	88.0	89.2	91.7	94.6	94.9	95.9	95.9	95.9	95.9
IV 200	48.5	73.8	76.7	78.0	80.8	82.3	84.6	88.2	89.7	92.2	95.5	95.8	97.2	97.4	97.5	97.7
IV 100	48.5	73.8	76.7	78.0	80.8	82.3	84.6	88.2	89.7	92.3	95.8	96.6	98.6	99.1	99.5	99.8
IV 0	48.5	73.8	75.7	76.5	82.8	82.3	84.6	88.2	89.7	92.3	95.8	96.6	98.6	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1134

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AEP WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

69-72

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	16.3	41.3	41.4	41.4	41.4	41.4	41.4	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥20000	17.2	43.5	43.7	43.7	43.7	43.6	43.6	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
IV 18000	17.2	43.8	43.9	43.9	43.9	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 16000	17.2	43.8	43.9	43.9	43.9	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 14000	17.2	44.1	44.2	44.2	44.2	44.3	44.3	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
IV 12000	17.6	44.8	44.9	44.9	44.9	45.1	45.1	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
IV 10000	17.6	46.2	46.3	46.3	46.3	46.5	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
IV 9000	18.0	46.6	46.7	46.7	46.7	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 8000	18.3	48.4	48.5	48.5	48.5	48.6	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
IV 7000	18.4	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
IV 6000	18.7	51.4	51.5	51.5	51.5	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 5000	19.0	51.3	51.4	51.4	51.5	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 4500	19.3	52.2	52.3	52.3	52.5	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 4000	20.4	55.5	55.6	55.6	56.2	56.3	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV 3500	21.3	57.2	57.6	57.6	58.2	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
IV 3000	23.7	61.0	61.6	61.6	62.5	62.6	62.9	63.2	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7
IV 2500	24.5	65.2	65.9	66.1	67.2	67.3	67.6	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
IV 2000	25.2	68.7	70.0	70.4	71.6	71.7	72.3	72.6	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 1800	25.6	69.5	70.8	71.2	72.4	72.5	73.0	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 1500	26.3	71.8	73.4	74.1	75.7	75.9	76.7	77.1	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
IV 1200	26.5	73.2	74.9	75.7	78.1	78.6	79.4	79.9	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0
IV 1000	27.1	74.2	75.9	76.7	79.1	79.8	80.5	81.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
IV 900	27.2	74.7	75.6	77.3	79.9	80.6	81.4	82.4	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8
IV 800	27.2	75.5	77.5	78.3	81.5	82.5	83.2	84.4	85.6	86.5	86.7	86.7	86.7	86.7	86.7	86.7
IV 700	27.2	76.0	78.1	78.8	82.3	83.2	84.2	85.9	87.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6
IV 600	27.2	76.2	78.4	79.1	82.6	83.5	84.5	86.6	88.4	89.6	90.0	90.0	90.0	90.0	90.0	90.0
IV 500	27.3	76.8	78.9	79.9	83.4	84.4	85.5	88.1	90.2	91.6	92.4	92.5	92.5	92.5	92.5	92.5
IV 400	27.3	76.9	79.0	80.3	83.9	84.9	86.0	88.7	91.5	92.9	94.0	94.4	94.4	94.4	94.4	94.4
IV 300	27.3	76.9	79.1	80.4	84.1	85.4	86.6	89.7	92.7	94.3	95.6	96.5	97.0	97.3	97.7	97.7
IV 200	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.1	96.4	97.8	98.6	98.7	98.7	98.7
IV 100	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.2	97.1	98.1	99.4	99.7	99.7	99.7
IV 0	27.3	76.9	79.1	80.4	84.1	85.4	86.6	90.1	93.1	95.2	97.1	98.1	99.4	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14-23 LORING AFB ME

59-78

310

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS UTC

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	17.4	40.7	40.7	40.1	40.5	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	17.3	41.1	41.1	41.2	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 18000	17.4	41.5	41.5	41.4	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	17.6	41.9	41.9	41.6	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 14000	17.5	41.9	41.9	42.1	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 12000	17.7	42.6	42.6	42.7	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 10000	18.3	44.0	44.0	44.1	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 9000	18.1	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 8000	18.9	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 7000	18.9	47.5	47.5	47.6	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 6000	19.5	49.1	49.1	49.2	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 5000	20.1	50.6	50.6	50.9	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 4500	20.4	51.5	51.5	51.7	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 4000	21.4	54.9	54.9	55.3	55.6	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3500	22.5	56.9	56.9	57.2	57.6	57.7	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3000	23.9	60.0	60.1	60.4	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 2500	24.5	63.5	64.1	64.4	65.1	65.2	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 2000	25.7	68.0	69.5	70.1	70.6	70.9	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 1800	25.9	69.8	70.5	71.3	72.0	72.3	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 1500	26.5	71.9	73.3	74.0	74.9	75.2	76.2	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1200	26.8	74.1	75.9	76.9	77.6	78.0	79.7	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	26.8	75.5	77.3	78.5	79.6	80.1	81.5	82.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	26.8	76.2	78.4	79.5	80.5	81.1	82.6	83.9	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	26.8	77.0	79.2	80.3	81.4	81.9	84.0	86.0	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 700	26.8	77.1	79.4	80.4	81.6	82.2	84.2	86.2	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 600	26.8	77.4	79.8	81.1	82.7	83.4	85.5	87.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 500	26.8	77.4	79.9	81.2	82.8	83.5	86.0	88.9	91.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 450	26.8	77.5	80.2	81.5	83.3	84.2	86.8	90.0	92.6	94.1	94.5	94.5	94.5	94.5	94.5	94.5
≥ 300	26.8	77.8	80.5	81.8	83.8	84.6	87.2	90.6	93.5	95.2	95.9	96.0	96.6	96.6	96.6	96.6
≥ 200	26.8	77.8	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	96.9	97.2	97.8	98.5	98.7	98.7
≥ 100	26.8	77.8	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	97.1	97.4	98.3	99.0	99.4	99.6
0	26.5	77.5	80.5	81.8	83.8	84.6	87.3	91.0	94.2	95.9	97.1	97.4	98.3	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

1135

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-23 LORING AFB ME

69-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	32.4	37.4	37.6	37.7	37.8	37.9	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 20000	23.9	39.4	40.7	40.1	40.3	40.3	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 18000	24.3	40.4	40.7	40.7	40.9	40.9	41.0	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 16000	24.4	40.5	40.7	40.9	41.0	41.0	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 14000	24.6	41.0	41.2	41.3	41.5	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 12000	25.1	41.7	42.7	42.1	42.3	42.3	42.4	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 10000	26.1	43.3	43.9	43.7	43.9	44.0	44.0	44.1	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 9000	26.3	43.3	44.1	44.2	44.5	44.5	44.6	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 8000	27.1	45.4	45.7	45.3	46.1	46.1	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	28.3	47.0	47.4	47.5	47.8	47.9	48.0	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 6000	28.7	48.3	48.7	48.3	49.2	49.2	49.3	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 5000	29.6	49.8	50.2	50.4	50.8	50.8	51.0	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4
≥ 4500	29.9	50.3	51.7	51.2	51.6	51.6	51.8	51.9	52.0	52.1	52.1	52.1	52.2	52.2	52.2	52.2
≥ 4000	31.2	53.2	53.7	54.0	54.5	54.6	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3500	32.1	54.5	55.2	55.5	56.1	56.2	56.4	56.6	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9
≥ 3000	33.6	58.1	58.7	59.0	59.9	60.0	60.3	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 2500	35.2	61.9	62.9	63.3	64.5	64.8	65.2	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 2000	36.5	65.4	66.8	67.4	69.0	69.4	70.0	70.6	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.2
≥ 1800	36.9	66.4	67.7	68.3	70.0	70.5	71.1	71.7	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3
≥ 1500	38.1	69.2	71.2	71.7	73.6	74.2	75.1	75.9	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1200	35.5	70.3	72.7	73.5	75.8	76.5	77.5	78.5	79.1	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	38.9	72.1	74.0	74.9	77.3	78.1	79.3	80.5	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.2
≥ 900	39.7	72.3	74.5	75.3	75.1	79.0	80.3	81.2	82.6	83.3	83.6	83.6	83.7	83.7	83.7	83.7
≥ 800	39.7	73.2	75.5	76.5	79.2	80.3	81.8	83.7	84.8	85.6	86.1	86.1	86.2	86.2	86.2	86.2
≥ 700	39.1	73.6	76.0	77.0	79.9	80.9	82.6	84.7	85.9	86.9	87.5	87.5	87.6	87.6	87.7	87.7
≥ 600	39.1	73.8	76.3	77.4	80.3	81.5	83.2	85.4	86.6	88.1	88.8	88.9	89.0	89.1	89.1	89.1
≥ 500	39.2	74.2	76.8	78.0	81.1	82.3	84.2	86.9	88.5	90.1	91.1	91.3	91.4	91.5	91.5	91.5
≥ 400	39.2	74.4	77.2	78.3	81.9	83.2	85.2	88.1	90.0	91.9	93.3	93.6	93.9	94.1	94.1	94.1
≥ 300	39.2	74.5	77.4	78.3	82.3	83.7	85.9	89.2	91.3	93.4	95.3	95.8	96.5	96.7	96.7	96.7
≥ 200	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.6	92.0	94.2	96.4	97.1	97.9	98.3	98.4	98.5
≥ 100	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.8	92.0	94.3	96.7	97.5	98.7	99.2	99.5	99.7
≥ 0	39.2	74.5	77.4	78.9	82.4	83.9	86.2	89.8	92.0	94.3	96.5	97.6	98.7	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14223
STATION

LORING AFB MC
STATION NAME

69-79
YEARS

ALL
MOON

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥0.75	≥0.5	≥0.4	≥0.3	≥0.25	≥0.2
NO CEILING	26.9	41.0	41.4	41.5	41.7	41.8	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.1
≥ 20000	29.5	44.7	45.1	45.3	45.6	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.9	45.9
IV 18000	29.9	45.2	45.5	45.8	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.5
IV 16000	30.0	45.4	45.5	46.0	46.3	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6
IV 14000	30.5	46.0	46.5	46.6	46.9	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3
IV 12000	31.2	47.2	47.7	47.8	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5
IV 10000	32.7	49.4	49.9	50.1	50.5	50.6	50.6	50.7	50.7	50.8	50.8	50.8	50.8	50.8	50.9	50.9
IV 9000	33.1	50.0	50.5	50.7	51.1	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5
IV 8000	34.9	52.8	53.3	53.6	54.0	54.1	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
IV 7000	36.0	54.7	55.3	55.5	56.0	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.5
IV 6000	36.8	55.9	56.5	56.8	57.3	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.8
IV 5000	37.3	57.5	58.5	58.9	59.4	59.5	59.6	59.7	59.7	59.8	59.8	59.8	59.8	59.9	59.9	60.0
IV 4500	38.3	58.8	59.5	59.8	60.4	60.5	60.5	60.7	60.8	60.8	60.8	60.8	60.8	60.9	60.9	61.0
IV 4000	40.3	62.1	63.1	63.3	64.0	64.2	64.4	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.7
IV 3500	41.6	64.2	65.2	65.6	66.3	66.5	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1
IV 3000	44.1	68.2	69.3	69.8	70.7	71.0	71.2	71.4	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.8
IV 2500	46.0	71.4	72.7	73.3	74.4	74.7	75.1	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.7
IV 2000	47.4	74.1	75.6	76.3	77.6	78.0	78.5	78.8	78.9	79.0	79.1	79.1	79.1	79.1	79.2	79.2
IV 1800	47.7	74.7	76.2	76.9	78.3	78.7	79.2	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.9	79.9
IV 1500	48.7	76.8	78.5	79.3	80.9	81.5	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.9	82.9	83.0
IV 1200	49.2	78.1	80.0	80.9	82.7	83.3	84.0	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.1	85.1
IV 1000	49.7	79.3	81.3	82.3	84.4	85.0	85.8	86.5	86.8	87.1	87.2	87.2	87.3	87.3	87.3	87.4
IV 900	49.8	79.8	81.9	82.9	85.1	85.8	86.6	87.4	87.7	88.0	88.1	88.2	88.2	88.2	88.3	88.3
IV 800	50.1	80.6	82.8	83.9	86.2	87.0	88.0	88.6	89.2	89.6	89.6	89.6	89.6	89.9	89.9	90.0
IV 700	50.2	81.1	83.5	84.7	87.1	88.3	89.5	90.0	90.4	90.6	91.1	91.2	91.2	91.2	91.3	91.4
IV 600	50.3	81.6	84.1	85.4	88.0	88.9	90.0	91.0	91.5	92.1	92.4	92.5	92.5	92.6	92.6	92.7
IV 500	50.4	82.1	84.9	86.2	89.1	90.2	91.5	92.7	93.3	93.9	94.3	94.4	94.5	94.6	94.7	94.8
IV 400	50.4	82.3	85.3	86.8	89.9	91.2	92.6	94.0	94.6	95.3	95.8	96.0	96.2	96.2	96.3	96.4
IV 300	50.4	82.5	85.5	87.0	90.4	91.7	93.3	94.9	95.7	96.5	97.2	97.4	97.6	97.8	97.8	97.9
IV 200	50.4	82.5	85.5	87.1	90.5	91.9	93.6	95.4	96.2	97.1	97.9	98.2	98.6	98.8	98.9	99.1
IV 100	50.4	82.5	85.5	87.1	90.5	92.0	93.6	95.4	96.3	97.3	98.1	98.5	99.0	99.3	99.5	99.7
IV 0	50.4	82.5	85.5	87.1	90.5	92.0	93.6	95.4	96.3	97.3	98.2	98.5	99.0	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 67629

1136

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

NOTE: PERCENTAGES IN OTHER TENTHS CLASSES SHOULD BE
DISREGARDED, BECAUSE THEY ARE NOT STATISTICALLY
SIGNIFICANT.

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SEP' ICE/MAC

SKY COVER

14623 LORING AFB ME

70-79

FEB

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	27.1			19.4						6.7	46.8	5.9	846
	03-05	25.1			16.7						11.7	46.6	6.2	846
	06-08	13.8			22.2						15.8	48.1	6.9	846
	09-11	11.5			21.9						17.4	49.2	7.1	845
	12-14	9.6			20.1						23.3	47.0	7.4	846
	15-17	8.3			23.8						21.6	46.3	7.3	846
	18-20	18.1			29.0						11.6	41.3	6.0	846
	21-23	25.9			21.2						11.6	41.3	5.8	845
TOTALS		17.4			21.8						15.0	45.8	6.6	766

24

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14623 LOPING AFB ME
STATION STATION NAME

70-79
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	15.1			25.6						16.4	42.9	6.5	900
	03-05	8.4			24.0						20.9	46.7	7.3	900
	06-08	6.9			18.7						25.7	48.7	7.7	899
	09-11	3.3			20.8						28.0	47.9	7.9	900
	12-14	1.7			21.4						31.9	45.0	8.0	900
	15-17	2.0			21.9						33.9	42.2	7.9	900
	18-20	3.8			24.0						31.2	41.0	7.6	900
	21-23	12.4			24.8						18.2	44.6	6.8	900
TOTALS		6.7			22.7						25.8	44.9	7.5	7199

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623
STATION

LORING AFB ME
STATION NAME

70-79
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	17.7			27.1						20.7	34.5	6.1	922
	03-05	6.3			29.8						24.8	39.1	7.0	923
	06-08	6.7			24.5						25.2	43.6	7.4	928
	09-11	2.5			25.3						33.2	39.0	7.7	930
	12-14	.5			24.2						37.0	38.3	7.9	930
	15-17	.5			26.1						38.2	35.1	7.7	926
	18-20	2.5			29.2						35.0	33.3	7.4	925
	21-23	10.9			34.2						23.7	31.1	6.3	923
TOTALS		6.0			27.6						29.7	36.8	7.2	7407

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14623 LORING AFB ME

70-79

NOV

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS	
		0	1	2	3	4	5	6	7	8	9	10			
NOV	00-02	17.8			17.1							12.6	52.6	6.9	900
	03-05	17.9			17.1							12.7	52.2	6.9	898
	06-08	5.9			22.6							21.9	49.7	7.6	900
	09-11	3.1			18.4							26.3	52.3	8.1	899
	12-14	2.6			16.7							25.4	55.3	8.3	900
	15-17	3.0			20.6							26.7	49.8	8.0	900
	18-20	10.2			20.4							15.0	54.3	7.4	898
	21-23	14.9			17.9							14.7	52.4	7.1	897
TOTALS		9.4			18.9							19.4	52.3	7.5	7192

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

14623 LORING AFB ME 69-78 DEC
STATION STATE OR 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	20.0			13.7						12.2	54.2	6.9	930
	03-05	22.7			11.2						9.8	56.3	6.9	930
	06-08	12.5			19.2						12.1	56.3	7.3	929
	09-11	9.9			19.0						17.8	53.2	7.5	930
	12-14	5.6			20.2						20.1	54.0	7.8	929
	15-17	6.9			24.6						16.1	52.4	7.4	927
	18-20	18.1			17.7						11.3	53.0	6.8	929
	21-23	20.0			14.1						12.7	53.2	6.9	930
TOTALS		14.5			17.5						14.0	54.1	7.2	7434

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

SKY COVER

14623 LORING AFB ME
STATION STATION NAME

69-79
PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	16.8			21.0						16.2	46.0	6.7	7431
FEB		17.4			21.8						15.0	45.8	6.6	6766
MAR		15.3			18.2						15.7	50.8	7.0	7440
APR		10.7			19.7						18.3	51.3	7.4	7191
MAY		9.1			22.3						20.8	47.9	7.3	7438
JUN		6.7			22.7						25.8	44.9	7.5	7199
JUL		6.0			27.6						29.7	36.8	7.2	7407
AUG		11.0			28.2						24.0	36.3	6.7	7408
SEP		11.3			24.3						22.5	42.0	7.0	7185
OCT		13.1			18.7						19.7	48.6	7.2	7434
NOV		9.4			18.9						19.4	52.3	7.5	7192
DEC		14.5			17.5						14.0	54.1	7.2	7434
TOTALS		11.8			21.7						20.1	46.4	7.1	87525

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:

- NOTE:** Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OLA to present these data may result in differences not exceeding $\pm 1^{\circ}$ from directly converted values but excludes no Fahrenheit values.
- a. Extreme maximum temperature
 - b. Extreme minimum temperature

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

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

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

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

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

- b. 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.

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GLOBAL CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAC
 1963 LORING AFB ME

DAILY TEMPERATURES

STATION: LORING AFB ME STATION NAME: 5J-79 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
95						.8	1.9	1.0					.3
90					2.1	5.5	8.2	3.6	.1				1.6
85					4.9	15.3	24.9	13.9	3.0				5.2
80				.1	9.8	30.7	51.1	36.7	9.1	.7			11.6
75			.1	.2	17.8	52.4	76.4	60.6	23.0	3.4			19.7
70			2.0	5.6	31.4	74.3	92.1	82.9	39.9	9.3	.1		27.9
65			5.6	13.3	47.6	87.2	98.3	95.9	63.3	17.7	2.2		35.0
60			.7	28.2	64.7	95.4	100.0	99.6	85.3	33.1	6.3	.3	41.8
55		1.8	8.3	28.2	81.0	98.7		99.9	95.1	54.5	11.6	1.6	47.9
50	.9	1.1	8.3	47.0	93.4	100.0		100.0	99.8	75.3	21.7	3.7	54.5
45	3.6	4.0	22.0	70.7	98.8			100.0	100.0	89.0	37.8	7.3	61.3
40	10.0	12.9	42.9	88.2	99.9					96.2	57.1	16.6	68.9
35	21.9	28.1	64.4	96.9	100.0					99.9	80.0	33.9	77.0
30	36.5	47.4	80.5	99.4						100.0	93.6	48.7	84.0
25	51.6	65.6	91.9	99.9							97.8	66.7	89.5
20	67.1	77.9	97.0	100.0							99.7	80.8	93.6
15	78.6	87.3	99.3								100.0	89.4	96.3
10	88.3	92.9	99.9									95.7	96.1
5	94.4	96.7	100.0									98.6	99.1
0	98.8	99.5										100.0	99.9
-5	99.7	99.9											100.0
-10	100.0	100.0											100.0
-15													100.0
MEAN	19.6	22.6	32.4	44.5	59.5	70.0	74.6	71.7	62.9	51.0	37.4	24.0	47.5
S.D.	11.950	10.911	9.060	8.825	10.823	8.888	7.040	7.266	8.340	9.375	9.561	11.185	21.615
TOTAL OBS.	899	819	899	870	897	870	899	899	870	899	870	899	10590

WORLD CLIMATOLOGY BRANCH
 AIR WEATHER SERVICE/MA
 LORING AFB ME

DAILY TEMPERATURES

STATION LORING AFB ME STATION NAME 50-72 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
65						2.6	7.5	4.1	.7				.1
60					.9	10.6	26.8	17.8	3.7				5.0
55				.1	3.7	29.0	59.8	40.9	11.6	.8			12.3
50				.3	10.7	55.2	85.1	67.0	25.7	4.1	.7		20.9
45				.9	28.1	76.4	97.6	89.2	49.2	13.8	2.4	.1	30.2
40		.1	.3	4.9	53.1	94.3	99.9	98.8	70.8	23.8	6.1	.7	33.4
35	.4	.5	3.0	17.6	75.9	99.3	100.0	100.0	88.7	48.9	14.3	1.8	46.1
30	1.2	1.0	8.0	29.5	84.6	99.9			93.8	60.5	19.7	3.7	50.4
25	2.8	2.6	13.3	53.6	94.1	100.0			98.7	77.5	32.1	6.0	57.0
20	6.2	7.2	27.7	79.0	99.2				100.0	93.2	53.2	12.2	65.1
15	13.0	15.0	42.4	90.6	99.9					98.9	70.5	23.4	71.3
10	22.6	24.4	56.7	96.0	100.0					100.0	86.6	35.2	77.0
5	31.8	38.0	71.1	98.4							94.0	50.2	82.1
0	44.8	50.9	83.4	99.7							98.5	62.8	86.8
-5	58.7	65.7	92.5	100.0							99.8	77.2	91.3
-10	73.2	78.1	97.7								100.0	87.8	94.8
-15	84.3	87.7	99.8									94.3	97.2
-20	91.5	94.5	99.9									98.3	98.7
-25	97.3	98.5	100.0									99.7	99.6
-30	99.6	99.9										100.0	100.0
-35	100.0	100.0											100.0
MEAN	3.2	5.1	16.4	29.0	40.2	50.5	55.9	52.9	44.4	35.3	24.9	9.4	30.6
S. D.	13.371	12.787	11.175	7.056	7.452	7.056	5.904	6.619	7.903	7.695	9.486	12.595	20.383
TOTAL OBS.	899	819	899	870	897	870	899	899	870	899	870	899	10590

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FEDERAL CLIMATOLOGY BRANCH
 WAFB ETAC
 WEATHER SERVICE/MAC
 LORING AFB ME

DAILY TEMPERATURES

511-79

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
75					.3	2.4	7.0	2.1	.3				1.0
74					2.1	11.1	23.6	14.5	2.1				4.5
73					5.7	28.4	55.2	38.8	8.9	.6			11.6
72				.1	12.8	54.7	85.3	66.4	23.2	2.3			23.5
71				.9	27.6	79.8	98.7	93.2	45.1	9.6	.7		29.6
70			.1	4.6	48.5	93.9	100.0	99.2	70.3	22.7	3.1		37.1
69		.1	.7	13.6	73.9	99.0		99.9	90.6	41.3	8.3	.7	44.2
68	.3	.4	4.7	34.6	91.9	100.0		100.0	98.9	68.2	18.2	2.4	51.9
67	2.2	2.2	16.7	66.3	98.7				100.0	87.8	35.6	5.9	59.9
66	7.0	7.8	33.0	87.8	99.9					96.4	56.7	13.5	67.1
65	16.2	19.7	54.2	94.6	100.0					100.0	76.9	25.8	74.1
64	28.8	33.2	69.9	98.4							92.0	40.7	80.4
63	40.2	50.7	83.3	99.8							97.1	56.8	85.6
62	57.0	66.5	93.0	100.0							99.4	74.2	90.9
61	71.0	79.7	98.7								100.0	85.1	94.6
60	82.6	88.0	99.8									93.2	97.0
59	93.1	94.1	100.0									97.1	98.5
58	96.7	98.0										99.8	99.6
57	99.2	99.6										100.0	99.9
56	99.8	100.0											100.0
55	100.0												100.0
54													
53													
52													
51													
50													
49													
48													
47													
46													
45													
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14													
13													
12													
11													
10													
9													
8													
7													
6													
5													
4													
3													
2													
1													
0													
MEAN	11.6	14.0	24.7	37.0	50.1	60.5	65.5	62.5	53.9	43.4	31.4	16.9	39.3
S. D.	12.208	11.374	9.507	7.183	8.277	7.071	5.594	6.142	7.334	7.900	9.066	11.449	20.711
TOTAL OBS.	899	819	899	870	897	870	899	899	870	859	870	899	10590

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MAXIMUM TEMPERATURE

14623 LORING AFB ME

50-79

FROM DAILY OBSERVATIONS

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50													59
51	40	47	53	65	87	86	86	81	84	67	64	50	87
52	39	37	41	58	79	84	95	92	79	65	50	41	95
53	45	49	55	58	84	87	91	87	85	75	64	49	91
54	38	44	47	69	82	85	81	82	78	73	58	43	85
55	35	44	45	66	85	92	93	84	78	68	48	28	93
56	44	37	42	57	70	91	81	82	79	69	66	42	91
57	43	38	42	68	80	89	86	81	78	70	55	53	89
58	38	36	47	68	69	78	85	86	78	68	51	32	86
59	47	36	49	66	88	85	90	85	83	68	63	40	90
60	38	38	44	61	88	86	82	90	81	61	57	46	90
61	33	39	44	54	80	81	84	82	82	71	60	47	84
62	46	39	72	60	85	86	81	82	74	73	46	43	86
63	38	32	48	63	79	87	91	79	76	74	60	36	91
64	40	37	49	69	85	85	91	82	71	70	51	52	91
65	39	37	48	59	72	88	81	90	84	67	49	36	90
66	44	45	45	53	85	83	82	79	79	61	60	54	85
67	37	36	42	58	65	90	85	83	80	65	60	39	90
68	32	43	50	77	76	77	93	81	83	79	43	41	93
69	43	49	54	66	82	93	86	89	81	71	61	54	93
70	38	49	49	55	81	87	88	89	74	77	59	40	89
71	38	40	44	54*	81	87	83	85	82	72	58	42	87
72	43	40	46	65	86	84	87	78	84	67	44	40	87
73	41	45	50	63	68	83	89	84	84	70	46	53	89
74	42	35	50	61	85	84	88	86	79	70	56	48	88
75	41	39	49	57*	80	91	85	94	74	71	60	47	94
76	45	47	48	66	82	88	80	92	82	71	45	40	92
77	33	36	53	60	89	85	87	88	76	65	60	41	89
78	45	33	40	54	88	86	85	89	79	65	60	37	89
79	45	41	59	70	37	90	86	85	93	76	57		
MEAN	40.3	40.3	48.4	62.9	81.0	85.1	86.8	85.1	79.7	69.6	55.6	43.9	89.3
S D	4.091	4.927	6.367	5.580	6.811	3.739	3.988	4.276	3.628	4.354	6.619	7.203	2.785
TOTAL OBS	899	819	899	870	897	870	899	899	870	899	870	899	10540

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES
 MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

14523 LORING AFB ME
 STATION STATION NAME

50-79
 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50												-19	
51	-30	-23	-6	25	27	34	47	43	31	26	5	-23	-30
52	-25	-2	2	13	29	44	43	41	31	20	14	-12	-25
53	-9	-13	-6	27	28	35	45	42	30	24	17	-7	-13
54	-27	-17	0	4	30	45	44	41	36	22	18	-4	-27
55	-22	-24	-13	18	30	41	45	43	30	25	11	-14	-24
56	-12	-7	-3	21	24	37	45	39	27	22	2	-18	-18
57	-28	-16	-1	11	26	35	47	38	34	20	1	-3	-28
58	-11	-12	15	24	27	35	45	44	33	22	3	-24	-24
59	-14	-20	-8	20	32	40	43	40	31	19	1	-8	-20
60	-19	-9	-5	13	31	38	45	43	31	22	15	-13	-19
61	-22	-18	-5	17	28	37	47	43	34	24	12	-2	-22
62	-21	-29	-3	16	28	39	41	41	29	18	8	-12	-29
63	-21	-22	-8	13	28	38	48	39	27	22	14	-16	-22
64	-14	-9	-2	2	30	34	43	43	27	21	-4	-12	-14
65	-24	-15	3	15	26	34	40	36	26	19	4	-9	-24
66	-11	-24	2	17	20	37	46	41	30	18	9	-7	-24
67	-19	-23	-10	8	28	35	47	45	31	25	8	-12	-23
68	-19	-19	-16	18	28	34	41	39	34	28	5	-13	-19
69	-3	-16	-2	8	31	41	38	40	31	21	3	-8	-16
70	-18	-11	5	11	29	39	43	44	36	23	7	-16	-18
71	-22	-19	1	19*	32	32	43	43	28	21	11	-17	-22
72	-25	-20	-6	8	23	39	43	40	34	17	4	-14	-25
73	-18	-22	-6	11	32	38	47	43	30	17	10	-3	-22
74	-23	-13	-6	9	19	37	45	42	29	17	4	-2	-23
75	-22	-18	-6	8*	32	35	49	40	33	24	7	-19	-22
76	-22	-14	-6	13	31	38	47	42	32	21	6	-14	-22
77	-19	-11	13	7	25	42	45	44	33	27	8	-16	-19
78	-13	-13	1	7	24	42	41	35	30	17	-2	-6	-13
79	-18	-15	-5	20	30	41	44	42	31	27	15		
MEAN	-19.0	-16.3	-2.8	13.9	27.6	37.6	44.4	41.2	31.1	21.7	7.4	-11.8	-21.7
S.D.	5.135	5.966	6.597	6.360	3.355	2.993	2.583	2.385	2.549	3.230	5.610	6.089	4.613
TOTAL OBS	899	819	809	870	897	870	899	899	870	859	870	899	10590

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 7-79 YEARS JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		> 31	Dry Bulb	Wet Bulb	Dew Point
45																		1	1	1	1
44																		2	3	2	2
43																		3	3	1	1
42																		5	5	2	1
41																		12	12	9	1
40																		16	16	17	13
39																		24	24	8	14
38																		28	28	26	15
37																		17	17	22	10
36																		12	12	25	17
35																		30	30	15	16
34																		23	23	30	16
33																		42	45	36	7
32																		37	37	38	23
31																		27	27	35	38
30																		20	20	23	26
29																		50	50	28	26
28																		40	40	55	34
27																		54	54	43	32
26																		62	62	43	35
25																		49	49	72	31
24																		49	49	47	27
23																		41	41	54	33
22																		47	47	47	41
21																		27	27	39	44
20																		31	31	29	42
19																		29	29	35	36
18																		35	35	36	45
17																		45	45	45	38
16																		23	23	23	34
15																		29	29	29	31
14																		8	8	8	36
13																		3	3	3	38
12																		4	4	4	27
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATE BRANCH
 USAFETAC
 AIR WEATHER DIV CL/MAC

PSYCHROMETRIC SUMMARY

12-25 STATION LOPING 5 MF STATION NAME 71-79 YEARS JAN MONTH PAGE 2 1000-0200 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																				
12/-25																																								32	
11/-25																																									26
10/-27																																								15	
9/-29																																								12	
8/-31																																								2	
7/-33																																								1	
TOTAL	34	359.7	5.3	.5	.1																																			926	
																																								926	

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.	44632.3	63127	68.2	13.155	926							
Dry Bulb	265619	3241	8.9	14.433	926	28.1	86.6					93
Wet Bulb	235503	7247	7.8	13.903	926	29.9	88.9					93
Dew Point	256735	261	.3	16.657	926	57.8	69.6					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 72-79 JAN
 STA ON STATION NAME YEARS MONTH

PAGE 1 3100-0500
 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															
35/35	.6	.4	.1															11	11	6	4														
34/37	.3	.9	.1															12	12	12	3														
34/35	.2	1.5	.3															19	19	13	9														
34/33	.8	1.7	.5															26	28	20	21														
33/31	.3	1.2	.6	.3														23	23	20	20														
32/29	.2	1.1	.5	.2														19	20	19	9														
32/27	.3	.9	.6															17	17	21	12														
32/25	.2	1.4	.1															16	15	18	17														
31/23	.3	2.3	.1															25	26	24	12														
30/21	.9	2.6																32	34	29	16														
30/19	.4	3.1	.1															34	34	28	14														
29/17	.3	2.5	.2															29	29	42	26														
28/15	.1	3.2																31	31	24	30														
28/13	.2	2.4																24	24	26	25														
27/11	1.1	3.1	.2															41	42	38	33														
27/9	.8	4.6	.1															49	49	37	31														
27/7	.3	5.8	.1															58	59	53	31														
26/5	.3	5.4																53	53	61	26														
26/3	.3	5.1																54	54	54	32														
25/1	1.1	4.5																52	52	55	21														
25/-1	2.7	1.7																41	41	54	47														
24/-3	1.6	1.6																30	30	36	42														
24/-5	1.3	1.1																22	22	25	44														
23/-7	2.5	.2																26	26	31	39														
22/-9	3.6																	33	33	33	42														
21/-11	3.2																	30	30	30	37														
21/-13	2.5																	23	23	23	36														
20/-15	4.4																	41	41	41	26														
20/-17	3.2																	30	30	30	36														
19/-19	1.3																	12	12	12	32														
18/-21	.5																	6	6	6	23														
18/-23	.3																	5	3	3	33														
17/-25																					25														
16/-27																					38														
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 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME 7-79 STATION NAME YEARS

1979
 MONTH

PAGE 2 0301-0500
 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																		
5/-29																																						
10/-21																																						
15/-13																																						
20/-5																																						
TOTAL	37	358	2	3	9	5																															924	924

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.	4454734	62970	68.1	13.276	924							
Dry Bulb	268268	7226	7.8	15.111	930	29	7	86	0			93
Wet Bulb	239425	6244	6.8	14.618	924	32	6	67	9			93
Dew Point	278585	-747	-8.1	17.358	924	53	5	89	2			93

USAFETAC FORM 0-26-5 (OL A) JUL 64
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 5643

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 4423 LORING AFB ME STATION NAME: 7-79 YEARS: _____ MONTH: JAN
 PAGE 1 0600-0800
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-4/ 43		.1																1	1																
-2/ 41	.2	.2																4	3	3	3														
1/ 39	.4	.2	.1															7	7	7	8														
3.5/ 37	.1	.4	.3															6	8	4	3														
7/ 35	.5	.6	.8															18	18	13	10														
3.7/ 33	.3	1.0	.4															29	29	19	9														
2/ 31	.8	1.6																22	22	31	25														
3.7/ 29	.2	1.4	.9	.1														24	24	15	17														
2.5/ 27	.5	.2	.3															10	10	16	15														
-1/ 25	.1	1.6	.2															17	16	16	14														
1/ 23	.3	2.1	.1															23	24	17	10														
2/ 21	.1	1.7	.5															22	23	23	12														
1.7/ 19	.4	3.2																34	34	21	11														
1.8/ 17	.8	2.9																34	34	51	12														
1.0/ 15	.3	3.6	.1															37	37	33	36														
1.4/ 13	.1	2.7	.1															27	27	31	25														
1.7/ 11	.6	3.1	.1															36	38	30	30														
1.7/ 9	.1	5.0	.1															48	48	32	50														
2/ 7	.2	4.9	.2															49	49	53	18														
1.7/ 5	.8	4.4																47	47	55	21														
4/ 3	1.9	3.8																53	53	60	33														
2/ 1	.9	5.7																58	58	47	35														
1/ -1	3.2	1.5																44	44	59	37														
-1/ -3	1.3	1.8																29	29	34	33														
-4/ -5	2.3	1.4																34	34	38	56														
-5/ -7	1.4	.8																18	18	21	24														
-6/ -9	3.4																	31	31	33	49														
-10/-11	2.8																	26	26	24	34														
-10/-13	2.6																	24	24	24	32														
-10/-15	3.4																	31	31	31	38														
-10/-17	3.7																	34	34	34	26														
-18/-19	2.4																	22	22	22	35														
-10/-21	1.4																	13	13	13	23														
-22/-23	1.1																	10	10	10	24														
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																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LOPING AFB ME 70-70 JAN
STATION MONTH

PAGE 2 2000-0800
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																
1/-25	.1																	1	1	1	33																
2/-27																					29																
3/-29																					23																
4/-31																					23																
5/-33																					5																
TOTAL	3	256	8	4	3	.1															925			925													
																		925						925													

USAFETAC FORM 0-26-5 (OL A) 1-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Element (X)	Σx'	Σx	x̄	σ _n	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 31 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4492344	63128	68.3	13.345	925							
Dry Bulb	267749	6847	6.9	15.395	925	31.7	66.3					93
Wet Bulb	241651	5541	6.0	15.027	925	34.8	68.6					93
Dew Point	293964	-1868	-1.5	17.771	925	53.5	90.1					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 WAPPING AFB ME 70-79 JAN
 STATION STATION NAME YEARS MONTH

PAGE 1 1900-1100
 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															
40/45		.3																3	3																
41/43		.1	.2															2	3	4	4														
42/41		.1	.1															2	2	4	3														
43/39		.1	.3	.2														6	6	1	2														
44/37		.5	.7	.3	.1													15	15	9	4														
45/35		.4	2.0	.9														30	30	16	10														
34/33		.9	2.7	.8														33	33	33	14														
32/31		.1	.4															5	7	20	22														
31/29		.2	.3	1.1														15	16	7	13														
30/27		.4	1.5	.9														21	21	11	20														
29/25		.2	1.8	.7														25	25	25	16														
28/23		.1	1.8	1.1														25	29	22	5														
27/21		.1	2.4	.1														33	33	27	6														
26/19		.5	3.4	.8														43	43	30	16														
25/17		.4	2.2	.8														31	31	44	25														
24/15		.1	3.7	.4														39	40	32	33														
23/13		.2	3.4	.8														40	41	42	33														
22/11		.4	5.0	.5														55	55	38	29														
21/9		.4	6.1	.7														66	68	61	41														
20/7		.2	5.4	.1														53	54	63	28														
19/5		.4	3.6															37	37	55	34														
18/3		.3	4.2															42	42	41	28														
17/1		.3	4.7															46	46	41	43														
16/-1		2.3	2.4															43	43	54	59														
15/-3		1.2	1.5															25	25	41	46														
14/-5		2.8	1.5															32	32	30	39														
13/-7		2.6	.8															31	31	33	39														
12/-9		3.3																30	30	34	32														
11/-11		2.8																26	26	26	42														
10/-13		2.0																18	18	18	34														
9/-15		2.1																19	19	19	40														
8/-17		1.7																16	18	16	42														
7/-19		.7																6	6	6	33														
6/-21		.2																2	2	2	23														
Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 7-79 1979
STATION MONTH YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Pt.														
-2/-23	.1																	1	1	1	2														
-7/-25																					1														
-7/-27																					2														
-7/-29																					1														
-10/-31																					2														
-7/-33																					1														
-3/-35																					5														
TOTAL	27,761,211,0	.1																920	920	920	920														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	415,653	60,791	65.6	14,251	920							92
Dry Bulb	287,150	9300	10.2	14,458	920	25.1	33.5					93
Wet Bulb	248,907	8069	8.8	13,923	920	28.3	36.2					93
Dew Point	263,971	453	.5	16,941	920	40.6	39.3					93

USAFETAC FORM 86 0-26-5 (OL A) REVISED REVISIONS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14423 LOPING AFB ME 70-79 1960
STATION NO. STATION NAME YEARS MONTH

PAGE 1 1200-1800
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/85		.6																4	4																
64/82	.1	.1																3	3	2	7														
63/81	.1	.1																2	2	2	2														
61/79	.1	1.0	.6	.6														20	20	2															
60/77	.4	1.3	.4															20	20	20	3														
57/75	.5	2.1	.6															21	21	22	17														
57/73	.4	.5	.8															16	16	26	17														
56/71	.1	.5	.2	.2	.1													10	10	15	15														
57/69	.2	1.0	.9															19	20	6	14														
56/67		1.2	1.5	.2														27	28	17	13														
56/65	.2	2.7	2.6	.2														53	53	23	9														
57/63		2.4	1.3	.5														39	39	51	14														
52/61	1.1	2.4	2.1	.2														53	53	42	9														
57/59	.1	2.3	2.5	.3														46	46	52	39														
56/57	.1	3.7	1.9															53	53	50	18														
57/55	.2	4.2	2.1															60	60	52	25														
57/53	.1	3.1	1.7															46	46	64	32														
57/51	.3	5.3	1.7															63	65	45	33														
57/49	.2	2.8	.9															36	36	70	54														
57/47		4.7	.6															50	51	39	21														
57/45		3.9																36	36	51	44														
57/43		5.7																53	53	41	27														
57/41	.1	4.4																42	42	58	40														
57/39	1.6	1.7																31	31	45	45														
57/37	.3	2.4																29	29	33	46														
57/35	1.2	1.9																29	29	33	39														
57/33	.9	1.1																18	18	23	32														
57/31	1.9																	18	18	23	57														
57/29	.9																	7	7	7	30														
57/27	.5																	5	5	5	37														
57/25																					45														
57/23	.3																	3	3	3	30														
57/21																					17														
57/19																					17														
57/17																																			
Element (X)	ΣX^2	ΣX	Σ	Σ^2	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 6 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 69 F	≤ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) 10-64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB ME STATION NAME

72-70 YEARS

JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
45/45		.2																2	2		
44/43	.3	.1																4	4	6	6
42/41	.1	.6				.1												8	8	4	4
41/39		.8	.9			.1												15	15	5	5
38/37	.6	1.8	.5	.3	.1													32	32	13	12
36/35	.3	.9	.8															18	18	27	12
34/33	.3	.6	.6															15	15	20	14
32/31	.1	.4	.8	.1														13	15	17	15
27/29	.1	.9	.9	.1	.1													19	19	13	9
28/27	.3	1.6	1.6	.2														37	37	18	16
25/25	.3	2.3	1.7	.1														41	41	29	13
23/23		1.7	1.7	.1														33	33	40	14
22/21	.3	3.2	1.8	.2														56	56	47	8
17/19	.3	2.2	2.6	.2														49	49	48	37
15/17		4.5	1.3															54	54	40	24
16/15		4.6	2.2															63	64	69	27
14/13	.2	3.2	1.2															43	47	58	39
12/11	.1	4.1	1.2															50	50	48	40
9/9	.1	5.4	.4															55	55	52	44
6/7	.2	4.2	.3															42	42	58	46
5/5		4.3																40	40	46	41
4/5		4.0																41	41	41	35
1/1		7.2																67	58	46	50
1/1	1.9	1.8																35	35	73	47
-2/ -3	.9	2.3																29	29	39	36
-4/ -5	.4	1.9																22	22	21	44
-5/ -7	1.5	.6																20	20	25	34
-8/ -9	1.3																	12	12	12	46
-11/ -11	.6																	6	6	6	45
-12/ -13	.2																	2	2	2	23
-14/ -15	.2																	2	2	2	41
-16/ -17	.1																	1	1	1	43
-18/ -19																					21
-20/ -21																					13
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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-25 STATION LOPING AFB WF STATION NAME 70-79 YEARS MONTH JAN

PAGE 0 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																		
2/-23																																					9	
2/-25																																						9
2/-27																																						13
2/-31																																						3
TOTAL	11.5	66.2	27.4	1.4	.3	.1																												926	930		926	

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

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	3775286	57462	62.1	15.7	926							
Dry Bulb	341161	13415	14.4	12.6	926	12.9	83.6					93
Wet Bulb	283556	11682	12.6	12.13	926	18.2	85.5					93
Dew Point	238951	3103	3.4	15.7	926	92.1	88.1					93

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1123 LORAIN AFB ME 70-79 JAN
 STATION STATION NAME YEARS MONTH
 PAGE 1 1830-2000
 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					
47/45		.1																1	1							
46/43	.1	.4																5	5	4	3					
42/41		.3																3	3	2	3					
41/39	.1	.5	.6															10	10	6	2					
37/37	.4	1.5																18	18	10	10					
36/35		1.5	.1	.2	.2													19	19	17	6					
35/33	.2	1.5	1.7	.2	.1													26	26	15	16					
32/31	.3	.8	.5															15	15	23	20					
31/29	.5	.9	.4															17	17	22	11					
29/27	.3	2.3	.6															30	30	16	15					
27/25		2.2	.6															26	26	25	11					
24/23		2.3	.9	.1														30	30	26	13					
22/21	1.3	3.1	1.7															47	47	42	19					
21/19	.2	3.2	1.1															42	42	39	28					
19/17	.2	4.8	1.3															59	59	49	27					
16/15		5.4	.5															55	55	54	27					
14/13	.4	3.6	.2															41	41	62	24					
12/11		3.3																31	31	34	47					
11/9	.2	5.5	.3															56	56	38	37					
8/7		6.7																62	63	55	45					
6/5	.1	3.3																32	32	62	52					
4/3	.1	4.2																40	47	35	30					
2/1	.2	4.2																41	41	45	35					
1/-1	3.1	1.9																38	38	55	45					
-2/-3	1.6	3.4																47	47	43	26					
-4/-5	1.4	2.2																33	33	32	32					
-5/-7	3.4	1.7																48	48	56	40					
-8/-9	2.8																	26	26	29	54					
-11/-11	1.9																	18	18	19	26					
-12/-13	.9																	6	6	6	26					
-14/-15	.5																	5	5	5	55					
-15/-17	.2																	2	2	2	44					
-18/-19																					29					
-20/-21																					25					
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature																				
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total														
Dry Bulb																										
Wet Bulb																										
Dew Point																										

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

GLOBAL CLIMATOLOGY BRANCH
 USAF TAC
 ATT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14823 LORING AFB ME STATION NAME: LORING AFB ME YEARS: 71-79 MONTH: JAN
 PAGE 2 1829-2706
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
-2/-23																					15					
-1/-25																					9					
-2/-27																					12					
-3/-29																					5					
-4/-31																					2					
TOTAL	21	29	9	9	0	5	3											929	930	929						

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\geq 0 F$	$\geq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	4124246	67838	65.5	13.931	920	0	32	67	73	80	93	93
Dry Bulb	297075	10995	11.9	13.411	930	27	3	24	6	27	4	93
Wet Bulb	257513	9751	10.5	12.931	929	24	6	27	4			93
Dew Point	246270	2063	2.2	16.136	929	44	7	89	0			93

USAF TAC FORM 0-26-5 (O1 A) 0-26-5 (O1 A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 5448

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14.23 STATION LOPING AFB ME STATION NAME 76-79 YEARS JAA 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
44/43	.1	.4																5	5	3	3
42/41	.1																	1	1	3	2
40/38	.2	.6	.4															12	12	2	3
38/37	.1	.6																7	7	1	4
36/35	.3	1.7	.6															25	25	16	9
34/33	.4	1.3	.6	.3	.1													26	26	19	11
32/31	.4	.6	.2	.1	.1													15	15	21	25
30/29	.3	1.2	1.7															23	23	17	15
28/27	.3	1.5	.3															20	20	28	8
26/25	.4	1.7	.3															23	23	18	19
24/23	.1	2.5	.6															30	30	22	17
22/21	.3	3.1	.5															37	37	37	15
20/19	.6	3.6	.3															42	43	33	28
18/17	.3	3.2	.5															38	38	41	26
16/15	.3	3.7	.6															43	43	49	24
14/13	.1	4.5	.1															44	44	36	18
12/11	.4	4.2	.2															45	45	52	35
10/9	1.3	4.4	.3															58	58	50	48
8/7	.3	5.7																59	59	51	36
6/5	.2	3.4																34	34	65	40
4/3	.2	3.7																36	36	33	46
2/1	.2	4.2																41	41	46	44
0/-1	4.1	1.6																53	53	56	33
-2/-3	.9	2.8																34	34	37	32
-4/-5	1.4	1.8																30	30	33	33
-6/-7	2.9	.8																34	34	40	42
-8/-9	6.0																	56	56	57	41
-10/-11	7.6																	24	24	24	35
-12/-13	1.6																	15	15	15	39
-14/-15	1.4																	13	13	13	43
-16/-17	.2																	2	2	2	26
-18/-19	.8																	4	4	4	36
-20/-21																					17
-22/-23																					31
Element (X)	Z _X ²	Z _X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 CIAPETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

AN 23 STATION LORING AFB ME STATION NAME 71-79 YEARS MONTH JAN

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					
-24/-25																										
-26/-27																					15					
-28/-29																					11					
- /-31																					2					
TOTAL	28.8	3.4	7.1	.4	.2													929	930	929						

Element (X)	Zx'	Zx	X	%	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4330057	62556	67.3	13.444	929							
Dry Bulb	277273	9505	10.2	13.923	930	25.5	85.4					93
Wet Bulb	244347	8449	9.1	13.455	929	26.1	87.7					93
Dew Point	250606	1232	1.3	16.385	929	45.6	89.6					93

USAFETAC FORM 0-26-5 (OL A) JUL 54 REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1983 LORING AFB ME 70-79 YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/48	.1	.1																	11	11	1	1													
47/43	.1	.2																	24	24	27	26													
42/41	.1	.2																	23	23	19	16													
41/39	.2	.5	.4	.1															26	26	33	19													
40/37	.4	1.0	.2	.1															124	124	87	45													
36/35	.4	1.4	.6	.7	.3														176	176	132	66													
34/33	.5	1.4	.7	.1															197	197	162	118													
32/31	.4	.9	.4	.1															131	135	179	158													
31/29	.3	1.0	.7	.1															153	156	123	93													
30/27	.3	1.1	.3	.1															174	175	148	116													
28/25	.2	2.0	.9	.1															231	232	169	114													
27/23	.1	2.1	.3	.1															231	233	232	107													
27/21	.6	2.7	.9	.1															322	323	283	92													
27/19	.4	3.0	.9	.1															327	328	238	198													
26/17	.3	3.3	.8																325	325	352	196													
26/15	.1	3.8	.6																348	350	346	228													
25/13	.3	3.5	.5																315	316	347	222													
21/11	.5	3.9	.5																356	359	339	291													
21/9	.5	4.8	.4																422	424	363	337													
21/7	.2	5.5	.2																435	437	414	280													
21/5	.2	4.2	.4																328	328	467	239													
21/3	.5	4.5																	368	368	369	252													
21/1	.4	4.8																	358	369	392	302													
21/-1	2.0	1.7																	332	332	443	326													
20/-3	1.3	2.2																	250	250	302	307													
20/-5	1.5	1.6																	233	233	281	335													
20/-7	2.3	.8																	224	224	254	288													
20/-9	3.3																		241	241	254	366													
21/-11	2.8																		182	182	182	269													
22/-13	1.6																		116	115	116	263													
24/-15	1.9																		140	140	140	319													
26/-17	1.3																		96	98	95	285													
28/-19	.5																		47	47	47	253													
28/-21	.3																		25	25	25	168													
Element (X)	Z _X ¹	Z _X	X	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB ME 7 -79 STATION NAME YEARS MONTH
PAGE 2 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	TOTAL													
-2/-23	0.2																	14	14	14	176														
-24/-25	0.2																	1	1	1	157														
-26/-27																					80														
-28/-29																					46														
-30/-31																					15														
-32/-33																					7														
-34/-35																																			
TOTAL	26.562	210.4	.7	.1	.2													7439		7406															
																			7406		7406														

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	33630275	487775	65.9	14.253	7406							744
Dry Bulb	2345287	73429	10.5	14.288	7439	190.3	579.9					744
Wet Bulb	2036046	68558	9.3	13.757	7406	213.5	696.8					744
Dew Point	2074199	7817	1.1	16.793	7406	383.8	712.8					744

3450
 USAFETAC FORM 3450 JUL 64 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME 71-79 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 1001-02-C
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	* 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
5 / 49		.1																	1	1															
48 / 47		.2																	2	2	3	1													
46 / 45																						2													
44 / 43			.1																1	1															
42 / 41		.5	.1																5	5	2														
40 / 39																					4	4													
38 / 37		.2																	2	2															
36 / 35	.1	1.4	.1																14	14	6														
34 / 33	.7	1.4	.7																24	24	25	11													
32 / 31	.1	1.6	.9																24	24	7	21													
30 / 29	.1	1.4	.8																20	20	29	8													
28 / 27	.5	3.8	.1																37	37	24	17													
26 / 25	.1	3.2	.8																31	31	36	29													
24 / 23	.2	2.9	.6																28	28	34	11													
22 / 21	1.1	3.3	.7																43	43	38	24													
20 / 19	.9	3.8	1.5																53	53	38	34													
18 / 17	.2	3.7	.2																35	35	47	39													
16 / 15	.1	5.0	.8																47	47	41	34													
14 / 13		4.0																	34	34	37	24													
12 / 11	.6	2.8	.4																32	32	41	24													
10 / 9	1.3	6.1	.1																64	64	41	43													
8 / 7	.6	5.1																	48	48	56	47													
6 / 5	.6	2.2																	24	24	46	28													
4 / 3	.5	3.9																	37	37	27	36													
2 / 1	.4	3.1																	29	29	42	48													
0 / -1	2.2	1.9																	35	35	31	32													
-2 / -3	1.1	2.0																	26	26	32	24													
-4 / -5	1.1	1.4																	26	26	29	18													
-6 / -7	2.1	1.7																	32	32	31	36													
-8 / -9	4.8																		41	41	48	33													
-10 / -11	3.8																		30	30	30	24													
-12 / -13	.5																		4	4	4	12													
-14 / -15	.7																		6	6	6	30													
-16 / -17	1.2																		10	10	10	24													
Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 101 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LOPING AFB ME 75-79 STATION STATION NAME YEARS

PAGE 2 0000-2200
 MONTH HOURS L. S. T.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
-10/-19	1																	1	1	1	27
-11/-21																					30
-12/-23																					23
-13/-25																					23
-14/-27																					5
-15/-31																					7
-17/-33																					3
TOTAL	25	166	6	7	3														846		846

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.	4089232	57654	68.1	13.770	846							
Dry Bulb	265619	9579	11.3	13.629	846	21.0	70.1					26
Wet Bulb	234134	8606	10.2	13.170	846	22.0	80.0					64
Dew Point	231270	2239	2.6	16.331	846	36.5	82.2					34

USAFETAC FORM 0-26-5 (OL A) 10/64 STENO METEOROLOGICAL BRANCH OF THE POSTAL AIR OBSERVATION

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LEONINE AFB ME 70-75 FEB

PAGE 1 7300-0500
MOHS (L. S. 7.1)

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														
57																		1	1	1															
56																		1	1	1															
54			.2	.2														2	2	2															
52			.1															1	1	2	2														
50																				2	1														
48	.1	.1																2	2	1	1														
46	.6	1.5	.5															20	20	8	6														
44	.9	1.2	.4															21	21	23	16														
42		1.7	.6															17	17	12	19														
40	.6	1.9	.6															25	25	26	3														
38	.5	1.9	.2															22	22	18	14														
36	.2	2.0	.1															20	20	22	23														
34	.4	3.7	.4															37	37	25	13														
32	1.3	2.4	.8															34	34	39	18														
30	1.4	4.6	.7															57	57	30	30														
28	.6	3.6	.5															41	41	48	34														
26		4.4	.2															39	39	46	34														
24	.1	3.7	.2															34	34	35	28														
22	.7	3.0	.1															32	32	38	23														
20	.6	3.7	.1															37	37	25	38														
18	.7	4.5																44	44	44	50														
16	.5	3.1																30	30	39	21														
14	.9	3.1																34	34	36	32														
12	.9	5.8																57	57	55	31														
10	1.7	1.4																32	32	42	25														
8	1.8	2.0																32	32	36	35														
6	1.2	1.9																23	23	24	38														
4	1.5	.5																17	17	25	37														
2	4.7																	40	40	42	30														
0	4.6																	39	39	39	35														
-2	2.1																	17	17	17	19														
-4	2.2																	19	19	19	20														
-6	1.2																	10	10	10	18														
-8	.8																	7	7	7	37														
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.		Mean No. of Hours with Temperature																												
Rel. Hum.					$\leq 6 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/440

PSYCHROMETRIC SUMMARY

1423 STATION LORING AFB ME 71-79 YEARS FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/-21																					31
-2/-22																					26
-7/-25																					31
-23/-27																					14
-27/-29																					1
-31/-31																					6
-22/-33																					5
-31/-33																					2
TOTAL	32	962.1	5.1															846	846	846	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hour with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	4276269	58461	69.114	0.035	846							84
Dry Bulb	251556	8226	9.714	2.49	846	23.9	79.0					84
Wet Bulb	225401	7381	8.713	3.804	846	26.0	80.1					84
Dew Point	241271	1193	1.416	6.839	846	40.6	81.9					84

5452
 USAFETAC FORM 0-26-5 (OLD) JUL 64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME

76-79

FEB
 MONTH

PAGE 1 0690-0800
 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
44/43		.6																5	5		
42/41		.4																3	3	7	5
40/39		.2																2	2	1	3
38/37	.7	.2																8	8	8	4
36/35	.1	.5	.4															8	8	4	4
34/33	.6	.9	.2															15	15	12	6
32/31		1.5	.5															17	17	13	10
30/29	.9	2.4	.1															29	29	24	11
28/27	.6	2.2	.5															28	28	29	16
26/25	.6	1.7	.9															26	26	22	25
24/23	.1	2.4		.1														22	22	26	18
22/21	1.1	2.6	.2	.1														34	34	32	13
20/19	.6	3.8	.2															39	39	24	28
18/17	.2	4.7	.2															44	44	43	19
16/15	.1	4.5	.1															40	40	42	27
14/13	.1	4.2	.2															37	37	33	31
12/11	1.2	3.7	.4															44	44	46	32
10/9	.6	4.3																41	41	43	35
8/7	.6	3.4																34	34	39	49
6/5	.7	2.8																30	30	34	32
4/3	1.2	4.3																46	46	39	26
2/1	.1	4.7																41	41	43	30
0/-1	3.4	.7																35	35	51	32
-2/-3	2.1	1.5																30	30	30	28
-4/-5	.7	2.2																25	25	17	34
-6/-7	2.6	.6																27	27	37	37
-8/-9	3.5																	30	30	34	40
-10/-11	3.1																	26	26	26	23
-12/-13	3.9																	33	33	33	15
-14/-15	2.2																	19	19	19	24
-16/-17	1.6																	13	13	13	23
-18/-19	1.3																	11	11	11	27
-20/-21	.4																	3	3	3	30
-22/-23	.1																	1	1	1	26
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.					≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	93 F											
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME 77-79 YEARS FEB MONTH

PAGE 2 0630-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)												TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-24/-25																					39
-25/-27																					17
-28/-29																					6
-29/-31																					3
-31/-33																					5
-34/-35																					2
-36/-37																					2
TOTAL	34	96	94	0	0												846	846		846	
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4207844	58452	69.1	13.979	846	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	246456	7676	9.1	14.465	846	25.1	79.9					84									
Wet Bulb	222174	6978	8.1	14.027	846	27.3	60.8					64									
Dew Point	249271	687	0.817	1.56	846	41.4	61.8					24									

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

5453

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 STATION LORING AFB ME STATION NAME 70-79 YEARS FEB MONTH
 PAGE 1 9900-1100 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														
46/ 47		.1																1	1																
45/ 45		.1																1	1	2	1														
44/ 43		.8																7	7	2	1														
42/ 42																				5	3														
41/ 39		.6	.1	.2														8	8		4														
40/ 37	.5	.4	.2	.1														10	10	9	4														
38/ 35		.5	1.1	.5														17	17	6	5														
36/ 33	.4	.8	.8															17	17	12	4														
35/ 31	.2	2.7	.2															27	27	25	9														
34/ 29	.6	2.5	.9															34	34	36	14														
32/ 27	.4	2.8	1.4	.1														40	40	31	22														
30/ 25	.2	2.2	1.3	.1														33	33	32	35														
28/ 23	.2	2.1	1.4	.2														34	34	34	21														
26/ 21	.2	2.8	2.3	.1														37	37	32	21														
24/ 19	.3	5.6	.9															61	61	40	22														
22/ 17	.2	3.3	.6															35	35	6	23														
20/ 15	.1	5.1	1.2															54	54	49	32														
18/ 13	.4	3.9	1.2															46	46	51	32														
16/ 11	.5	3.4	.9															41	41	39	40														
14/ 9	.7	5.3	.6															56	56	54	56														
12/ 7		4.3	.1															37	37	43	50														
10/ 5	.1	3.7																32	33	40	33														
8/ 5	.4	4.3																39	39	33	24														
6/ 3	.4	3.1																29	29	39	34														
4/ -1	1.2	1.4																22	22	34	32														
2/ -3	.5	3.2																30	30	29	31														
0/ -5	.5	1.7																18	18	21	25														
-2/ -7	1.8	1.2																23	23	26	31														
-4/ -9	3.3																	26	28	33	26														
-6/ -11	1.8																	15	15	15	30														
-8/ -13	.6																	5	5	5	26														
-10/ -15	.9																	6	8	8	27														
-12/ -17																					24														
-14/ -19																					22														
Element (X)	Σx'	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19-23 LORING AFB ME

76-79

FEB

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
42/42		.4																4	4	4	2
41/41		.6																6	5	4	3
40/39	.4	.6	.1	.5														13	13	6	5
38/37	.4	.5	1.2	1.2														27	27	8	3
37/35		.8	.7	.7														19	19	6	7
36/33	.5	1.4	1.7	.7	.1													38	38	33	9
35/31	.2	2.0	1.7	.8	.5													45	45	38	3
34/29	.6	1.5	1.7	.2	.1													35	35	35	25
32/27	.1	2.1	3.2	.5														50	50	35	21
30/25	.4	1.9	3.4	.5														52	52	47	36
29/23		2.7	2.2	.4														45	45	52	22
27/21	.4	1.5	3.0	.1														42	42	57	34
26/19	.4	3.9	4.1	.4														74	74	42	29
25/17	.2	2.8	2.8	.2														52	52	62	38
24/15		4.1	2.5	.1														57	57	71	39
23/13		1.5	1.5															26	26	50	34
22/11		2.4	2.1															38	38	32	39
21/9		3.1	2.4															45	45	41	62
20/7		4.8	.8															48	48	43	29
19/5		2.2	.1															18	18	52	46
18/3		2.8																24	24	22	39
17/1		2.2																19	19	24	30
17/-1	.5	1.2																14	14	27	25
16/-3	.4	2.5																24	24	20	24
15/-5	.1	2.2																20	20	16	29
14/-7	.9	.6																9	9	19	22
13/-9	.2																	2	2	3	37
12/-11																					23
11/-13																					21
10/-15																					20
9/-17																					10
8/-19																					20
7/-21																					22
6/-23																					11
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11623 LORING AFB ME 70-79 YEARS
 STATION STATION NAME
 PAGE 1 1526-1700
 MONTH HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
45/ 45		.1																1	1		
44/ 43		.2																3	3	2	1
42/ 41		.1		.1	.1													3	3	1	2
4 / 39		.5	.2	.6														13	13	1	
35/ 37	.1	1.7	.8	.7														28	28	5	
35/ 35	.2	.4	1.1	1.3														25	25	24	
34/ 33	.5	1.7	1.3	.7	.1													40	40	28	14
32/ 31	.1	1.3	2.2	.8	.2													40	40	29	17
3 / 29	.2	1.7	1.1	.7	.1													32	32	45	14
25/ 27		2.5	3.7	1.5														65	65	37	71
25/ 25	.1	2.4	2.7	.8														51	51	45	41
24/ 23	.2	1.7	2.3	.7														39	39	55	27
27/ 21	.5	1.9	5.2	.8														71	71	56	31
2 / 19	.4	4.4	3.2	.1														68	68	47	27
15/ 17	.1	2	2.8	.4														46	46	89	33
16/ 15		2.1	2.8															50	50	45	4
14/ 13		1.9	1.8															31	32	46	3
12/ 11		2.1	3.3															43	43	43	7
1 / 9	.2	1.8	2.4															37	37	49	57
5/ 7		3.3	.7															34	34	43	45
8/ 5	.1	3.3	.1															30	30	35	39
4/ 3		2.7																23	23	31	45
7/ 1		1.7																14	14	24	21
7 / -1	.4	1.5																16	16	23	24
-2/ -3		2.6																22	22	22	33
-4/ -5	.4	1.1																12	12	12	27
-8/ -7	.5	.4																7	7	13	25
-8/ -9	.1																	1	1	1	24
-1 / -11																					35
-12/ -13																					21
-14/ -15																					23
-16/ -17																					12
-18/ -19																					24
-2 / -21																					16
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 °	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 AFSAFETAC
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 HOPKINS AFB MS 71-79 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																
-2/-23																																					7
-1/-25																																					6
-26/-27																																					3
TOTAL	4.147	4.937	6.9	6	7															846																	845
																		545																			845

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

Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 57 F$	$\leq 73 C$	$> 80 F$	$> 93 F$	
Rel. Hum.	31949.5	5014.5	59.2	16.552	845							
Dry Bulb	423335	17369	19.3	11.241	846	5.8	72.3					84
Wet Bulb	336253	14213	16.8	10.731	845	7.1	77.9					84
Dew Point	224200	5718	6.8	14.825	845	28.0	81.6					84

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOPING AFB ME STATION NAME 78-79 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	Dew Point																
47/47			.2																														2	2		
46/45			.1																														1	1	3	2
44/43																																				1
43/39			.2	.7	.1																												9	9		
39/37		.1	.7	.4	.4																												13	13	3	
38/35		.4	1.2	.5	.2																												20	20	20	5
34/33	.6	1.4	2.4	.1																													38	36	20	9
32/31	.1	1.9	1.6	.2																													34	34	22	20
29/29	.5	1.5	1.6																														32	32	50	14
28/27		3.3	1.9																														44	44	23	17
25/25	.1	2.9	1.4	.4																													40	40	44	28
24/23	.1	1.7	2.1																														32	32	37	26
22/21	1.1	2.0	3.0	.2																													60	60	38	38
21/19	.4	3.3	1.0	.1																													53	53	41	35
18/17	.5	4.1	1.9	.1																													56	56	74	28
17/15		3.3	.5																														33	33	49	38
14/13		3.3	1.0																														47	47	42	31
12/11	.6	4.3	1.1																														53	53	50	31
9/9		5.7	.6																														53	53	51	53
8/7		3.2	.5																														31	31	47	50
5/5		2.7	.1																														24	24	35	49
4/4		3.7																															31	31	26	35
2/1		3.9																															33	33	33	36
1/-1	1.5	1.4																															27	27	45	17
-2/-2	.5	1.8																															19	19	24	22
-4/-5	.4	2.6																															24	24	15	26
-6/-7	1.2	.7																															16	16	26	30
-8/-8	1.5																																11	11	13	29
-11/-11	.8																																7	7	7	32
-12/-13	.4																																3	3	3	25
-14/-15																																				38
-16/-17																																				9
-18/-19																																				20
-21/-21																																				19

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

PSYCHROMETRIC SUMMARY

1-23 STATION LOPING AFB ME STATION NAME 71-79 YEARS FEB MONTH

PAGE 2 1877-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-22/-23																					14		
-24/-25																					17		
-26/-27																					6		
TOTAL	11.0	62.1	25.1	1.9														846		846			
																		846					

Element (X)	Σx^2	Σx	\bar{x}	s^2	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3696200	53726	63.5	15.163	846							
Dry Bulb	345363	13591	16.1	12.261	846	13.6	75.8					64
Wet Bulb	287264	12012	14.2	11.752	846	13.2	79.4					64
Dew Point	224643	4593	5.4	15.373	846	29.8	82.3					84

USAFETAC FORM 0-26-5 (OLA) JUL 64
 REVISID PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 545/

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 77-79 YEARS FEB 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																			
47/47		.4																																3	3	2	1			
46/45																																								
42/41		.4																																	3	3				
41/39		.4	.2																																5	5	4			
37/37	.4	.4	.2																																6	8	5	5		
35/35	.1	1.1	.1																																11	11	9	8		
33/33	.4	1.3	1.4																																	26	26	14	12	
32/32		2.4	1.5																																	33	33	13	7	
29/29	.4	1.9	1.1																																	28	25	41	13	
27/27	.1	4.8	1.1																																	51	51	35	12	
25/25	.2	3.4	.6																																	36	36	46	24	
23/23		1.7	.9																																	22	22	34	31	
21/21	.5	2.5	1.5																																		39	39	28	42
19/19	.2	3.8	1.5																																		53	53	37	27
18/17	.5	4.6	.9																																		52	52	57	24
16/16		3.9	.9																																		41	41	53	35
14/13		4.4	.7																																		43	43	40	23
12/12	1.1	3.5	.7																																		45	45	51	27
11/9	.5	6.1	.2																																		57	57	45	49
10/7	.5	3.8	.1																																		40	40	53	53
9/5	.4	3.8																																			35	35	39	31
8/3	.4	3.2																																			30	30	34	40
7/1		2.2																																			19	19	23	41
6/-1	2.7	1.7																																			31	31	54	23
5/-3	1.1	2.7																																			32	32	35	30
4/-5	.3	2.4																																			24	24	23	35
3/-7	2.5	1.4																																			33	33	35	14
2/-9	2.4																																				23	23	25	19
1/-11	1.5																																				13	13	13	33
-12/-13	.7																																				6	6	6	22
-14/-15	.7																																				6	6	6	29
-16/-17	.1																																				1	1	1	29
-18/-19																																								26
-20/-21																																								20
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																												
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1423 STATION NAME WOBING AFB ME YEARS 70-79 MONTH FFF
 PAGE 2 HOURS (L. S. T.) 2170-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																		
-22/-23																																							17	
-24/-25																																							15	
-26/-27																																							7	
-28/-29																																							2	
-30/-31																																							1	
-32/-33																																							1	
-34/-35																																							1	
-36/-37																																							1	
-38/-39																																							1	
TOTAL	15,267,813.9																																						846	846
																																							846	846

USAFETAC FORM 0-20.5 (OL A) REVISED PERIODIC EDITIONS OF THIS FORM ARE OBSOLETE

5458

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/PAC

PSYCHROMETRIC SUMMARY

3403 CORING AFB ME 71-79 1 FEB

STATION STATION NAME YEARS MONTH

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

Temp. (°F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.S.W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/66																														1	1				
67/67																														9	9				
67/68																														9	9	6	6		
67/69																														29	29	7	7		
67/70																														31	21	21	15		
67/71																														50	50	16	17		
67/72																														93	98	39	19		
67/73																														138	139	53	17		
67/74																														219	219	167	75		
67/75																														237	237	159	128		
67/76																														235	235	236	127		
67/77																														337	337	217	133		
67/78																														289	289	294	241		
67/79																														259	259	297	162		
67/80																														360	360	330	228		
67/81																														458	458	299	244		
67/82																														361	361	485	238		
67/83																														361	361	391	263		
67/84																														298	299	351	236		
67/85																														328	328	343	263		
67/86																														390	390	337	393		
67/87																														316	316	362	363		
67/88																														223	224	323	276		
67/89																														265	265	256	277		
67/90																														241	241	276	271		
67/91																														212	212	287	216		
67/92																														215	215	228	228		
67/93																														172	172	157	232		
67/94																														164	164	217	239		
67/95																														173	173	194	238		
67/96																														130	130	130	240		
67/97																														68	65	68	167		
67/98																														58	58	58	212		
67/99																														34	34	34	149		
Element (X)	Zx'	Zx	R	%	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 84 0-26-5 (OLA) REVISED EDITION OF THIS FORM AIR OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LOSING AFB ME STATION NAME

71-79 YEARS

FEB MONTH

PAGE 2

ALL HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/-19	.3																	19	19	19	2.3
-1/-21	.3																	3	3	3	2.1
-2/-23	.3																	1	1	1	1.35
-24/-25																					16.7
-24/-27																					6.3
-28/-29																					1.7
-1/-31																					1.7
-2/-33																					1.3
-3/-35																					5
-36/-37																					3
-36/-39																					2
TOTAL	19.6	62.8	17.9	2.4	.2												6766	6766	6766		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	30212323	440047	65.0	15.343	6766	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2547299	94431	14.3	13.481	6766	124.0	616.4					672
Wet Bulb	2154448	83542	12.3	12.885	6766	139.1	637.5					672
Dew Point	1862285	26645	3.9	16.117	6766	272.5	654.6					672

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19523 LORING AFB ME 70-79 YEARS MAR MONTH
 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
45/47		.3																3	3		
46/45	.1	.1																2	2	4	4
44/43	.2	.3	.3	.2														10	10	5	5
42/41	.1	.8	.3	.8														18	18	6	3
41/39	.1	.8	.4	.2	.4													18	18	7	4
39/37	.2	.8	.6	.6	.3													24	24	17	5
36/35	.0	3.3	1.3	1.2	.2													62	62	23	16
34/33	.2	3.9	2.2	.3														60	60	54	13
32/31		3.7	1.2	.6														51	51	61	35
31/29		3.2	2.8	.6														60	67	63	31
28/27	1.2	4.8	2.3	.3														70	70	61	53
26/25	.6	3.7	3.1	.2														71	71	70	61
24/23		3.3	1.6	.3														49	49	63	39
22/21	.9	3.1	2.2															57	57	59	41
21/19	.4	2.5	3.5															60	60	52	46
18/17	.2	3.1	2.2	.1														51	51	56	59
18/16	.1	2.6	1.3															37	37	60	41
14/13	.2	3.2	1.2															43	43	43	57
11/11	.9	4.2	.5															47	47	50	47
9/9	1.2	2.3	.3															35	35	50	47
8/7		2.6																24	24	26	48
5/5	.5	1.7																21	21	29	35
4/3	.4	1.6																19	19	21	40
2/	.3	1.9																21	21	20	46
1/	1.1	.3																13	13	24	28
-2/3	.1	.3																4	4	5	22
-4/-5																				1	20
-5/-7																					30
-8/-9																					25
-10/-11																					15
-12/-13																					12
-14/-15																					5
-18/-19																					2
-20/-21																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOEAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME STATION NAME 71-79 YEARS MAC MONTH

PAGE 2 5000-0200 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
-2/-23																									
TOTAL	9.2	57.2	27.2	5.4	1.5																	930			930
Element (X)	Σ X'	Σ X	̄ X	Σ X	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	4582645	63765	60.6	14,959	930	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb	591058	21208	22.8	10,753	930	1.7	73.3					93													
Wet Bulb	495085	19183	20.6	10,344	930	3.0	81.4					93													
Dew Point	330421	12627	13.6	13,082	930	16.1	88.0					93													

USAFETAC FORM 0-26-5 (OL A) JUL 54
 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME

72-79

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0520-0500
 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															
45/45	.0	.3																															6	5	4	3
44/43	.1	.4																															5	5	6	7
42/41		.2	.3	.1																													6	6	2	1
41/39	.1	1.1	.5	.4																													21	21	4	1
39/37	.4	.5	.3	.8																													19	19	17	7
38/35	.4	3.4	1.3	.4																													52	52	16	16
37/33	.1	4.7	1.9	.6																													69	69	57	10
36/31	.1	2.5	1.5	.6																													44	44	54	34
35/29	.2	2.3	1.9	.1																													42	42	54	47
34/27	.6	4.1	3.5	.1																													78	78	37	42
33/25	.3	4.6	1.3																														52	52	74	31
32/23	.3	3.2	1.3																														45	45	68	37
32/21	.6	3.8	2.3	.1																													63	63	54	58
31/19	.9	3.0	2.3																														57	57	49	46
30/17	.2	4.3	1.4																														55	55	56	56
30/15		2.6	1.0																														33	33	54	48
29/13		3.4	.2																														34	34	32	41
28/11	.4	3.3	.6																														41	41	36	42
27/9	1.7	4.8	.4																														65	65	58	53
27/7	.3	3.3	.1																														32	32	49	34
26/6	.3	2.3																															23	23	32	28
24/3	.2	1.9																															20	20	27	43
23/1	.5	1.9																															23	23	21	60
22/-1	1.3	.6																															18	18	24	22
21/-2	1.5	.6																															21	21	23	22
20/-5		.2																															3	3	5	28
19/-7	.3																																3	3	5	34
18/-9																																				27
17/-11																																				14
16/-13																																				17
14/-15																																				6
13/-17																																				1
12/-19																																				5
11/-21																																				1
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 LORING AFB ME 70-79 MONTH YEAR 1970-05 930 HOURS (L. S. T.)
 STATION STATION NAME YEARS

PAGE 2 1970-05 930 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	x 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-20/-27																							
-25/-29																							
TOTAL	11.4	52.9	22.4	3.3														930	930	930			

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4813599	65655	70.6	13.864	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	5275774	19428	20.9	11.445	930	4.5	75.2					93
Wet Bulb	452384	17706	19.0	11.043	930	5.7	82.2					93
Dew Point	314876	11632	12.5	13.503	930	18.5	88.5					93

5461
 USAF/TAC FORM JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-223 LORING AFB ME 72-79 MAR
 STATION STATION NAME YEARS MONTH

PAGE 1 2601-0800
 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
40/40	.1	.2																3	3	1	1
41/41	.5	.2	.3															9	9	7	7
42/41		.2	.5															8	8	2	1
43/39	.2	.8	.7	.2	.1													15	15	10	2
44/37	.5	1.7	1.1	.6														37	37	20	6
45/35	.5	3.0	1.6	.4														53	53	25	22
46/33	.1	4.1	1.6	.5														58	58	44	23
47/31	.1	2.7	1.2	.8														44	44	64	29
48/29		2.4	1.2	.1														34	34	43	30
49/27	.6	3.6	3.1															68	55	43	48
50/25	.1	5.5	2.5															75	75	63	36
51/23	.1	2.9	1.6															43	43	7	29
52/21	.5	3.1	2.9															61	61	50	50
53/19	1.5	2.7	1.9															57	57	67	51
54/17	.2	3.4	1.1															44	45	47	62
55/15	.2	3.6	.9															45	45	55	44
56/13	.1	2.9	.4															32	33	39	35
57/11	.3	2.9	.4															38	38	41	39
58/9	1.1	4.3	.3															52	52	40	55
59/7	.4	2.8	.1															31	31	49	48
60/5	.1	2.6	.1															26	26	30	39
61/3	.2	3.0																30	37	33	32
62/1	.4	1.6																19	19	25	47
63/-1	1.3	.4																16	16	21	7
64/-3	.6	.8																13	13	13	38
65/-5	.5	.5																10	10	11	22
66/-7	.5	.1																7	7	10	28
67/-9																					29
68/-11																					18
69/-13																					10
70/-15																					9
71/-17																					4
72/-19																					6
73/-25																					2
Element (X)	ΣX'	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18 25 STATION LOPING AFB ME STATION NAME 70-79 YEARS MAR MONTH
 PAGE 7 0670-08 11 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL			TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
TOTAL	11.7	22.2	32.3	2.7	.1													928	935	928	928		
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.												Mean No. of Hours with Temperature					Total	
Rel. Hum.	4773854	65348	77.5	13.628	928												≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93
Dry Bulb	534128	19502	21.8	11.698	930												4.6	74.7					93
Wet Bulb	455895	17745	19.1	11.214	928												5.5	82.1					93
Dew Point	318801	11647	12.6	13.646	928												19.3	86.8					93

5462
 USAFETAC FORM 0-26-5 (OL A) JUL 64
 REVERSE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB MS 70-79 MAR
 STATION STATION NAME YEARS MONTH
 PAGE 1 8930-1109
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
50 / 51					.1													1	1																
49 / 49				.1	.1	.2												4	4																
48 / 47		.1	.3	.3														4	4																
47 / 45		.2	.4	.4	.2													9	9	4	3														
46 / 43	.1	.6	.4	.4	.1	.3												19	19	8	4														
45 / 41	.3	.2	.2	.3	.2	.3												20	20	11	3														
44 / 39	.2	1.5	.8	1.0	.6													38	38	13	5														
43 / 37	.8	2.0	1.3	1.7	.6													60	60	22	17														
42 / 35	.4	2.4	2.2	1.8	.3	.1												67	67	35	22														
41 / 33	.1	2.9	1.8	.6	.5													56	56	71	21														
40 / 31	.1	2.5	2.2	2.2	.3													67	67	70	31														
39 / 29	.1	1.7	2.6	1.2														52	52	60	40														
38 / 27	.5	3.3	3.7	1.1	.1													81	81	55	46														
37 / 25		3.7	3.2	1.0														73	73	21	51														
36 / 23		1.2	3.3	.8														49	49	73	35														
35 / 21	.8	1.2	4.0	.5														60	60	67	45														
34 / 19	.3	3.2	3.2	.2														65	65	53	48														
33 / 17	.2	2.2	1.6															39	39	75	60														
32 / 15	.2	1.3	2.7															33	33	43	64														
31 / 13		1.5	1.0															23	23	30	41														
30 / 11		1.8	1.0															26	26	27	42														
29 / 9	.3	2.5	1.2															35	55	38	79														
28 / 7	.2	2.7																21	21	30	47														
27 / 5		.9																6	8	21	21														
26 / 3	.1	.9																8	8	10	35														
25 / 1		.4																4	4	6	42														
24 / -1	.4	.1																5	5	7	27														
23 / -3		.2																2	2	2	25														
22 / -5																				1	24														
21 / -7	.1																	1	1	1	14														
20 / -9																					11														
19 / -11																					10														
18 / -13																					8														
17 / -15																					2														
Element (X)	Σ X'	Σ X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 14823 LORING AFB ME YEARS 77-79 MONTH MAR
STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
-16/-17																						3
-17/-19																						3
-21/-21																						2
TOTAL	5.4	4.9	4.3	5.7	13.7	3.9	1.0											930			930	
																		930			930	

Element (X)	ΣX^2	ΣX	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4276884	59672	64.2	16.343	930							
Dry Bulb	733325	24311	26.1	0.261	930	8	65.2					93
Wet Bulb	387969	21575	23.2	9.702	930	1.1	75.6					93
Dew Point	358465	13965	15.0	12.654	930	12.8	85.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAL

PSYCHROMETRIC SUMMARY

14023 STATION LORING AFB ME STATION NAME 72-79 YEARS 43P MONTH 12
 PAGE 1 1203-1400
 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
59							.1										1	1		
57							.1										2	2		
55							.1	.1									2	2		
53						.1	.1										2	2		
51						.2	.3										3	5		
49				.1		.2	.3										6	8		
47		.1	.8	.3		.1	.1	.3									10	16	3	
45		.4	.1	.3	.8	1.1	.1										26	26	11	2
43	.2	.4	.1	.1	1.3	1.2	.2										30	30	12	4
41	.4	.8	.5	.9	.8	.2											33	33	15	11
39	.2	1.6	.8	2.7	.5	.2											50	50	27	9
37	.1	1.3	1.9	1.9	1.5	.5											67	67	33	18
35	.2	2.6	2.7	1.3	1.5	.4											81	81	51	13
33	.3	2.6	2.2	2.6	.9												79	79	92	23
31		1.7	2.3	2.7	1.2												73	73	71	38
29	.1	1.7	1.6	2.3	1.2												62	62	68	29
27		3.8	4.1	2.9													100	100	77	61
25		1.8	3.2	1.8													62	62	88	55
23		1.3	2.2	.8													39	39	87	36
21	.2	.9	1.7	.9													34	34	74	44
19	.3	1.1	2.7	.3													41	41	50	68
17		1.7	2.3	.3													35	35	32	72
15		.4	1.9														22	22	36	44
13		.9	1.7														24	24	34	52
11		.5	1.3														17	17	22	46
9	.2	.5	.3														10	10	27	62
7		.1															1	1	13	46
5		.2															2	2	2	45
3		.3															3	3	2	31
1	.2																2	2	5	30
-1																				20
-3																				17
-5																				9
-7																				18
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																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME 7-75 YEARS 12 MONTH

PAGE 2 1270-1400 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																				
-1/-3																																						12		
-1/-11																																					6			
-1/-13																																					2			
-1/-15																																					3			
TOTAL	2.526	0.34	4.21	1.1	9.9	8.3	1.5																													929	929	929		
																																						929	929	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	3518746	54713	54.9	17.855	929							
Dry Bulb	938154	26157	30.3	9.580	929		52.3					93
Wet Bulb	711361	24393	26.3	8.739	929		68.6					93
Dew Point	389865	15453	15.6	1.963	929	8.6	84.5					93

USAF/TAC FORM 0-26-5 (OL A) 11/5150 P. PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10623 10 INB AFB ME 79-70 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 3	TOTAL							
	0	1-2	3-4	5-6	7-8	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																				
57/57						.1	.2	.1																								4	4							
56/55						.2		.2																								4	4							
54/53					.1	.1	.2																									4	4							
53/51				.1	.3	.2																										6	6							
51/49				.1		.2	.5	.1																								9	9							
49/47		.2	.1	.2	.4	.5	1.1																									25	25	2						
48/45	.1	.3	.3	.1	.5	.3	.1																										25	25	14 3					
47/45	.1	.2	.3	.2	.4	.5																											21	21	14 8					
46/41	.1	.5	.3	1.1	1.6	.8																											40	40	10 1					
45/39	.6	1.1	.9	1.3	1.3	.2																											53	53	26 12					
39/37	.2	1.7	1.3	1.3	1.1	.1																											50	50	41 13					
38/35	.3	2.5	2.4	1.3	1.9	.4																											79	79	60 17					
37/33	.3	3.3	2.5	2.5	1.3																													96	96	89 33				
36/31		2.2	2.9	2.0	1.7																													82	82	72 28				
35/29		1.7	1.9	2.9	.9																													69	69	74 41				
29/27	.3	3.2	3.8	3.5																														101	101	51 61				
28/25		1.7	1.9	1.2																														45	45	97 54				
28/23	.2	.9	2.2	1.4	.1																													43	43	89 36				
27/21	.2	.9	2.3	.9																														39	39	55 52				
27/19	.1	1.3	2.7	.4																														39	39	37 73				
19/17	.3	.4	2.4																															29	29	53 54				
18/15		1.3	2.3																															30	30	34 55				
16/13		.5	1.1																															15	15	34 60				
12/11	.1	.5	.9																															14	14	22 45				
9/9			.2																															2	2	13 62				
8/7		.1	.2																															3	3	7 45				
6/5																																				1	1	36		
5/3	.2																																		2	2	4 23			
4/1	.1																																		1	1	1 39			
3/1																																						1	1	12
2/ -3																																							17	
-3/ -5																																							13	
-6/ -7																																							15	
-7/ -9																																							12	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel Hum.						≤ 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																												
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

JOINT CLIMATE BRANCH
 HAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LOSING AFB MS 70-70 MAR
 STATION STATION NAME YEARS MONTH

PAGE 1 1600-2087
 HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
-7/50							.1			.1								2	2																
-7/49							.2											5	5																
-7/48			.2	.1	.1	.1	.2	.2										9	9																
-7/47		.2	.3	.2	.5	.4	.3											23	23	7	7														
-7/46		.1	.3	.5	.3	.5	.1											26	26	8	6														
-7/45		.1	.3	.8	1.1	.4												30	30	14	1														
-7/44		.1	.5	.6	.3	.9	.1											24	24	15	9														
-7/43		.3	1.4	1.7	.3	.5	.1											45	45	23	9														
-7/42		.3	3.1	2.0	1.7	.8												72	72	46	12														
-7/41		.3	3.4	1.8	2.0	.5												76	76	75	25														
-7/40			2.6	2.0	3.0	.4												73	73	73	39														
-7/39		.1	2.2	2.6	2.3	.5												71	71	68	3														
-7/38		.8	4.3	2.0	2.8													109	109	73	75														
-7/37		.1	2.7	3.1	1.4													63	66	91	88														
-7/36		.1	1.0	2.3	.5													45	45	91	25														
-7/35		.3	1.6	3.2	.2													52	52	76	5														
-7/34		.4	1.7	3.8	.5													61	61	47	62														
-7/33		.3	.6	2.2	.1													30	39	54	63														
-7/32		.2	1.1	1.3														24	24	47	52														
-7/31			1.3	1.6														33	33	34	61														
-7/30		.1	1.6	1.3														28	28	34	50														
-7/29			1.2	.8														18	18	25	49														
-7/28			.6	.1														7	7	21	42														
-7/27			.2															2	2	12	47														
-7/26			.2															2	2	2	34														
-7/25		.1	.1															4	4	5	28														
-7/24																					30														
-7/23																					16														
-7/22																					17														
-7/21																					12														
-7/20																					13														
-7/19																					17														
-7/18																					3														
-7/17																					2														
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0/12																																			
0/13																																			
0/14																																			
0/15																																			

USAFETAC FORM 8-64 0-26-5 (OL A) CIVIL ENGINEERING DIVISION OF THE USAF AIR OBSERVATION STATION

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4423 STATION LOPING AFB ME 7-79 YEARS MONTH MAR

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
47		.3				.1												4	4	1
45	.2	.3	.2	.2	.3	.1												13	13	4
43	.3	.4	.3	.4	.1													15	15	6
41		.6	.2	1.2	.5	.1												23	23	4
39	.4	.6	.2	.3	1.1	.2												26	26	10
37	.1	1.4	1.1	.4	1.1													37	37	8
35	.9	2.7	1.7	1.2	.1													61	61	5
33	.5	3.8	1.4	.6	.1													60	60	26
31		2.8	1.5	1.5	.1													55	55	42
29		3.4	2.2	1.2														70	70	30
27	1.1	4.2	4.0	1.4														99	99	65
25	.6	1.8	3.4	1.1														65	65	57
23	.1	2.7	2.6	.2														46	46	20
21	.5	3.2	2.9	.2														64	64	44
19	.5	2.4	3.1	.3														60	60	63
17	.2	1.5	2.4	.3														41	41	67
15	.1	3.7	1.7															51	51	51
13		1.9	.9															26	27	34
11	.2	2.2	.8															29	29	68
9	.2	1.6	1.7															26	26	57
7		1.8	.1															18	18	52
5	.2	1.5																16	16	35
3	.4	1.5																18	18	35
1		.5																5	5	35
-1	.1																	1	1	33
-3																				23
-5																				20
-7																				16
-9																				17
-11																				14
-13																				3
-15																				3
-17																				2
-25																				1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 14-23 LOSSING AFB ME 70-70 14-23 2100-23 0
 STAT ON STATION NAME YEARS MONTH HOURS (L. S. T.)
 PAGE 2

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point					
TOTAL	7.1	46.4	32.4	17.4	3.2	.5													929		929					
Element (X)	Σ X²		Σ X		X̄	s _x		No. Obs.		Mean No. of Hours with Temperature						Total										
Rel. Hum.	4306538		61368		66.1	16.566		929		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	688871		23527		25.3	10.042		930		.1	69.1					92										
Wet Bulb	560751		21007		22.6	9.612		929		.4	78.3					93										
Dew Point	353466		13858		14.9	12.575		929		13.2	86.7					93										

USAFETAC FORM 0-26-5 (OLA) 30 JUL 64 REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB MF
 STATION STATION NAME

71-79 YEARS

MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
61 / 59																		1	1		
60 / 57																		6	6		
59 / 55																		6	6		
58 / 53																		8	8		
57 / 51																		12	12		
56 / 49																		26	26		
48 / 47			.2	.1	.1	.1	.1	.1	.1	.2							61	61	6	6	
45 / 45	.2	.3	.1	.1	.1	.2	.3	.3	.1								177	177	49	27	
44 / 43	.3	.4	.3	.3	.2	.3	.3	.1									135	135	67	47	
42 / 41	.1	.5	.3	.6	.6	.2											178	178	67	25	
41 / 39	.3	1.0	.6	.8	.6	.1											245	245	117	52	
39 / 37	.3	1.4	1.2	1.2	.6	.1											359	339	205	63	
38 / 35	.5	2.9	1.9	1.1	.6	.1											527	527	290	126	
35 / 33	.3	3.6	1.9	1.2	.8												554	554	542	174	
34 / 31	.3	2.5	1.8	1.7	.5												489	489	534	276	
33 / 29	.1	2.3	2.2	1.3	.3												467	467	493	278	
28 / 27	.6	3.8	3.4	1.5													697	697	480	456	
26 / 25	.2	3.1	2.7	.8													511	511	660	366	
24 / 23	.1	2.1	2.1	.5													359	359	599	250	
22 / 21	.5	2.2	2.7	.3													430	430	577	384	
21 / 19	.6	2.2	2.9	.2													440	440	422	457	
18 / 17	.2	2.1	2.3	.1													324	325	417	488	
16 / 15	.1	2.0	1.5														275	275	480	399	
14 / 13	.1	2.0	1.2														230	232	297	376	
13 / 11	.3	2.1	.8														240	240	267	379	
11 / 9	.6	2.2	.8														243	243	287	462	
8 / 7	.1	1.6	.1														137	137	216	352	
6 / 5	.1	1.2	.2														98	98	146	288	
4 / 3	.2	1.2															102	102	121	273	
2 / 1	.2	.9															79	79	96	327	
1 / -1	.5	.2															53	53	81	205	
-2 / -3	.3	.3															40	40	43	180	
-4 / -5	.1	.2															13	13	18	153	
-6 / -7	.1	.7															11	11	16	167	
Element (X)	Σx'	Σx	X	%x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 71-79 YEARS MAR MONTH
 PAGE 2 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL																																																																	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																			
-1/-9																									146																																																															
-1/-11																										92																																																														
-1/-13																										53																																																														
-1/-15																										32																																																														
-1/-17																										12																																																														
-1/-19																										16																																																														
-1/-21																										3																																																														
-2/-23																										1																																																														
-2/-25																										3																																																														
-2/-27																										1																																																														
-2/-29																										1																																																														
TOTAL	7	44	330	311	64	5	1	5	1														7436		7436																																																															
																							7436			7436																																																														
<table border="1"> <thead> <tr> <th>Element (X)</th> <th>Σ X²</th> <th>Σ X</th> <th>\bar{X}</th> <th>s_x</th> <th>No. Obs.</th> <th colspan="6">Mean No. of Hours with Temperature</th> <th>Total</th> </tr> <tr> <th>Rel. Hum.</th> <td>33479262</td> <td>492726</td> <td>64.9</td> <td>16.973</td> <td>7436</td> <th>≤ 0 F</th> <th>≤ 32 F</th> <th>≥ 67 F</th> <th>≥ 73 F</th> <th>≥ 80 F</th> <th>≥ 93 F</th> <td></td> </tr> <tr> <th>Dry Bulb</th> <td>5896595</td> <td>191079</td> <td>25.7</td> <td>10.991</td> <td>7439</td> <td>11.7</td> <td>523.5</td> <td></td><td></td><td></td><td></td> <td>744</td> </tr> <tr> <th>Wet Bulb</th> <td>4633920</td> <td>169484</td> <td>22.9</td> <td>10.183</td> <td>7436</td> <td>15.8</td> <td>609.6</td> <td></td><td></td><td></td><td></td> <td>744</td> </tr> <tr> <th>Dew Point</th> <td>2830397</td> <td>109717</td> <td>14.8</td> <td>12.765</td> <td>7436</td> <td>106.8</td> <td>690.6</td> <td></td><td></td><td></td><td></td> <td>744</td> </tr> </thead> </table>																								Element (X)	Σ X ²	Σ X	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total	Rel. Hum.	33479262	492726	64.9	16.973	7436	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F		Dry Bulb	5896595	191079	25.7	10.991	7439	11.7	523.5					744	Wet Bulb	4633920	169484	22.9	10.183	7436	15.8	609.6					744	Dew Point	2830397	109717	14.8	12.765	7436	106.8	690.6					744
Element (X)	Σ X ²	Σ X	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																																																																												
Rel. Hum.	33479262	492726	64.9	16.973	7436	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																																																																													
Dry Bulb	5896595	191079	25.7	10.991	7439	11.7	523.5					744																																																																												
Wet Bulb	4633920	169484	22.9	10.183	7436	15.8	609.6					744																																																																												
Dew Point	2830397	109717	14.8	12.765	7436	106.8	690.6					744																																																																												

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOPING AFB ME STATION NAME 70-79 YEARS APR MONTH
 PAGE 1 0090-0200 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
57/57			.3															3	3	
56/55		.1	.2															3	2	
54/53		.4																4	4	10
52/51		.2	.1	.1														4	4	11
50/49		.2		.1	.2													5	5	1
48/47	.1	.2	.1	.1	.4													9	9	3
46/45		.4	.2	1.2	.2													17	17	2
44/43		.3	.6	1.2	.7	.1												24	24	1
42/41		1.1	1.7	.4	.2													25	25	10
40/39	.2	1.6	1.6	1.2	.2													42	42	6
38/37	1.2	3.1	1.4	1.8														66	66	9
36/35	1.4	5.3	3.1	1.9	.1													107	107	52
34/33	1.9	5.9	5.2	2.3	.2													138	138	55
32/31	.7	3.9	4.8	1.8	.3													123	123	72
30/29	1.6	5.9	4.7	1.2														118	118	67
28/27	.7	2.6	4.5	.7														39	89	82
26/25		2.3	.9	.2														31	31	82
24/23	.1	.6	1.2	.1														20	20	55
22/21	.6	1.1	2.2															35	35	66
20/19		1.5	1.4															22	22	78
18/17		.2	.8															9	9	47
16/15		.7	.6															11	11	53
14/13		.7	.7															12	12	35
12/11		.1	.2															3	3	17
10/9																				5
8/7																				17
6/5																				19
4/3																				11
2/1																				11
0/-1																				5
-2/-3																				8
-4/-5																				1
-6/-7																				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	Total								
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 7-79 YEARS ABE MONTH 0800-0200
 PAGE 2 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
TOTAL	5.2	39.7	35.9	13.6	7.6	2.1												900	900	900	900															
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4856534	64602	71.8	15.622	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	900																								
Dry Bulb	981850	28992	32.2	7.301	900		45.7					900																								
Wet Bulb	827776	26510	29.5	7.224	900		60.9					900																								
Dew Point	590245	21264	23.6	9.885	900	1.5	74.8					900																								

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 LORING AFB ME 70-79 APR
STATION STATION NAME YEARS MONTH
PAGE 1 3300-0500
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																		
57/57			.3																												3	3						
56/55			.4																												4	4						
56/53			.2																												2	2	9	1				
56/51				.1																											1	1		6				
55/49			.2	.1																											4	4	2	1				
55/47				.1	.3																										4	4	2	2				
55/45				.3	.4	.2																									10	10	2	1				
54/43			.1	.3	.7	.3																									13	13	7	1				
42/41	.1	1.0	.9	.6	.2																										25	25	8	5				
41/39	.9	2.7	.8	.3	.2																										44	44	26	15				
38/37	.4	1.8	1.3	.4																											36	36	46	13				
36/35	2.3	6.7	2.6	.6	.1																										110	110	59	43				
34/33	1.1	6.1	5.0	1.0																												119	119	93	53			
32/31	.3	5.6	4.9	.7																												103	103	68	70			
29/29	2.1	5.6	4.7	.3																												114	114	135	58			
28/27	1.7	5.8	3.6	.7																												105	105	177	103			
26/25		2.2	3.0	.6																												52	52	88	72			
25/23		1.9	1.1	.1																												28	28	54	64			
22/21	.3	1.8	.8																													26	26	51	58			
21/19	.6	2.1	1.6																													38	38	30	76			
19/17		.9	1.7																													17	17	27	48			
18/15		.3	.3																													6	6	22	47			
14/13		.8	.1																													8	8	7	32			
13/11		1.4	.1																													14	14	9	19			
9/9		1.4																														13	13	17	26			
5/7		.1																														1	1	17	21			
6/5																																		1	1	16	7	
2/3																																				7	7	
2/1																																				13	13	
-1/-1																																				14	14	
-2/-3																																				6	6	
-4/-5																																				7	7	
TOTAL	10.3	49.2	33.0	6.7	1.1																														900	900	900	900

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-6-83 LORING AFB ME 70-79 800 MONTH
 STATION MONTH
 PAGE 1 2600-38.0
 HOURS LL. 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																
57/57	.1	.1																														2	2			
56/55	.3																															7	7	1		
55/53																																		3	4	
54/51	.1	.1	.1	.1																													4	4	5	
53/49	.2	.3	.1			.1																											7	7	1	
52/47	.4	.1	.4	.1	.2																												12	12	6	
51/45	.1	.3	.6	.6	.4	.1																											19	19	5	
50/43	.6	.9	1.3	.7																													33	33	6	
49/41	.2	1.2	.9	1.4	.3																												37	37	16	
48/39	1.1	1.9	1.7	2.1	.3																												63	63	39	
47/37	1.0	2.7	2.7	2.1																													76	76	58	
46/35	1.4	5.7	4.4	1.4																													117	117	71	
45/33	1.2	5.2	3.1	1.8	.1																												103	103	128	
44/31	.8	4.9	4.0	1.2	.1																												99	99	101	
43/29	1.3	3.8	3.2	1.9																													81	81	106	
42/27	.3	3.9	3.6	.6																													75	75	90	
41/25		1.7	2.2	.3																													38	38	62	
40/23		1.6	1.3	.1																													27	27	51	
39/21	.1	1.1	1.3	.1																													24	24	38	
38/19	.2	1.7	.8																														24	24	27	
37/17	.2	.2	1.2																														15	15	24	
36/15		.6	1.3																														14	14	12	
35/13		.9	.2																														10	10	14	
34/11		.1	.3																														4	4	15	
33/9		.6																															5	5	4	
32/7		.4																															4	4	9	
31/5																																			1	1
30/3																																				
29/1																																				13
28/-1																																			12	
27/-3																																			11	
26/-5																																			4	
TOTAL	7.740	834.1	114.3	2.2	.4																												900	900	900	
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																								
Rel. Hum.	4862069	64711	71.9	15.257	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F																									
Dry Bulb	1413286	29308	32.6	8.793	900			42.0				90																								
Wet Bulb	852842	26786	29.8	7.866	900			55.9				90																								
Dew Point	515763	21621	24.0	10.353	900	2.7	73.3					90																								

USAFETAC FORM 700-1 0-26-5 (OL A) REVISED WITHOUT NOTICE OF THE POINT AND OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 17-23 ROBIN AFB ME STATION NAME 7-79 YEARS APR 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
59						.2	.2										5	5		
57		.3	.1			.1	.1										6	6		
55		.7		.1	.2	.1	.3	.2									15	15	4	
53			.1	.2	.3	.2	.5										13	13	6	3
51		.2	.3	.1	.7	.9											28	28	3	1
49		.3	.1	.4	.8	.9	.4										26	26	9	3
47		.4	.3	1.0	1.1	1.1	.2										38	38	11	2
45		.5	.9	1.0	1.9	2.0	.1										55	56	14	11
43	.3	1.0	1.3	1.4	1.7	.7	.1										59	59	31	7
41	.1	1.4	1.6	2.2	2.6	.1											74	74	53	12
39	.3	2.6	1.4	2.2	1.8												80	80	66	29
37	.3	2.9	1.7	3.1	1.4												85	85	68	32
35	.7	3.8	3.1	1.9	1.7	.1											95	95	111	45
33	.1	2.3	2.6	2.2	.8												72	72	99	43
31	.2	3.1	2.4	2.2	.4												76	76	93	52
29		1.1	2.5	1.2	.1												45	45	67	51
27	.1	1.3	2.1	1.2	.1												44	44	57	76
25		1.1	1.1	.8													28	28	58	92
23		.4	.6	.8													16	16	36	61
21	.1	.4	1.2	.6													19	19	27	57
19	.1		1.2	.1													13	13	18	65
17		.2	.3														5	5	11	59
15			.2														2	2	17	40
13																			3	26
11																			2	17
9																				13
7																				16
5																				13
3																				9
1																				15
-1																				3
-3																				7
TOTAL	3.324	3.325	0.22	0.915	0.3	6.3	2.9	.2									900	900	900	900
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.	3822292	56258	62.5	18.326	900	0 F	32 F	67 F	73 F	80 F	93 F	Total								
Dry Bulb	1333912	33810	37.6	8.423	900		24.5					90								
Wet Bulb	103586	29697	33.0	7.543	900		40.9					90								
Dew Point	554546	22418	24.9	10.341	900	1.5	68.7					90								

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME 70-79 YEARS APR MONTH

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
59/59																																	1	1				
60/60																																		1	1			
61/61				.2		.1																												7	-			
62/62					.1	.1	.3	.2	.2																									9	9			
63/63		.1	.2		.2	.4	.1	.7	.2																									16	16	2		
64/64		.1	.2		.1	.2	.1	.4	.1																									12	12	3		
65/65		.6			.1	.3	.3	.9																										24	24	3	3	
66/66		.2	.1	.1	.5		1.7	.4																										36	36	9	6	
67/67		.2	.1	.7	1.2	.9	1.1	.6																										43	43	5	2	
68/68		.3		.8	1.4	1.3	1.8	.1																										52	52	14	13	
69/69		.4	.9	.4	1.1	1.0	.6	.2																										51	51	16	3	
70/70		.9	.9	.3	1.1	1.8																												45	45	38	4	
71/71		1.3	1.3	.8	2.8	.9	.5																											67	67	48	2	
72/72		1.2	1.3	1.9	2.3	.4																												65	65	74	11	
73/73	.3	3.1	2.8	1.7	2.9	.8	.1																											105	105	75	47	
74/74	.2	1.8	1.4	1.8	1.8	.2																												65	65	89	37	
75/75	.8	1.9	2.4	1.4	2.1																													78	78	112	51	
76/76	.7	1.3	2.3	1.3	.7																													57	57	79	6	
77/77		2.2	1.7	1.9	.6																													57	57	85	45	
78/78		.4	1.8	1.1	.2																													31	31	63	55	
79/79	.1	.6	1.9	1.3	.1																													36	36	46	36	
80/80		1.3	.6	1.1																														26	26	44	63	
81/81		.3	.4	.3																														10	10	31	46	
82/82			.3																															3	3	22	69	
83/83			.3																															3	3	13	69	
84/84																																					4	67
85/85																																				3	35	
86/86																																					26	
87/87																																					15	
88/88																																					17	
89/89																																					6	
90/90																																					9	
91/91																																					14	
Element (X)	$\Sigma y'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$																											
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED WITHOUT NOTICE OF THIS FORM AND OBSOLETE

FEDERAL CLIMATOLOGY SERVICE
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION SPRING AFB MS STATION NAME 7-78 YEARS 1980 MONTH

PAGE 1 1980-78
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B. Dry Bulb	Wet Bulb Dew Point																
60							.2											2	2																
61							.1											1	1																
62						.1						.2						4	4																
63				.1	.2							.1						4	4																
64			.1	.2		.1					.6	.1						9	9																
65			.1	.2		.4	.2	.9	.1									15	15		2														
66		.1	.1		.6	.3	.8	.3										19	19		5														
67		.7			.3	.5	.6	.6										25	25		1														
68		.3		.1	.4	1.2	1.3	1.4										44	44		10														
69		.2	.1	.5	.3	2.1	.3											33	33		4														
70	.1	.2	.2	.9	1.9	1.3	2.7	.1	.1									62	62	13	6														
71	.3	.7	.2	.9	1.2	1.9	.6	.1										51	53	25	8														
72	.2	.8	1.1	1.3	1.8	.9												55	55	34	3														
73	.7	1.2	1.7	2.2	.8	.7												55	55	57	8														
74	.3	1.3	1.7	.9	2.7	.4												52	52	66	13														
75	.1	2.3	2.7	1.8	2.2	1.3	.1											95	95	87	25														
76	.8	2.6	2.7	3.1	1.9	.3												92	94	57	43														
77	.9	1.7	2.4	1.8	.9	.2												71	71	110	34														
78	.4	1.7	1.9	.9	.9													51	51	88	77														
79		2.1	.6	2.7	.9													56	56	102	59														
80	.1	1.1	1.6	.9	.7													35	35	69	54														
81		1.2	.9	1.3	.1													29	29	36	31														
82	.9			1.7														25	25	54	71														
83		.3	.1															4	4	26	52														
84	.3	.3																6	6	21	66														
85																				3	64														
86																				3	57														
87																					33														
88																					23														
89																					19														
90																					22														
91																					15														
92																					6														
93																					4														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.						70 F	73 F	76 F	79 F	80 F	83 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

LOCAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

STATION: 3 LORING AFB MD STATION NAME: YEARS: 70-76 MONTH: APR

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
17	2.7	18.7	17.4	18.6	17.0	16.9	9.1	5.1	1.7									9.0		9.0																	
TOTAL																		31.8		9.0																	

Elz seat (X)	ΣX'	ΣX	X	X _a	No. Obs.	Mean No. of Hours with Temperature						Total												
						0 F	32 F	67 F	73 F	80 F	93 F													
Rel. Hum.	3250563	54959	56.6	27.124	900																			
Dry Bulb	1623732	37332	41.5	9.146	900		15.5	3																90
Wet Bulb	1175421	31857	35.4	7.291	900		32.3																	90
Dew Point	678763	23049	25.6	9.651	900	2	67.5																	90

USAFETAC FORM 64 0-26-5 (OL A) REVISED WITHOUT EDITORS OF THIS JOURNAL OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18-23 57713 WOBING AFB ME STATION NAME 7-79 YEAR. APP MONTH
 PAGE 1 18-11-23.0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)											TOTAL		TOTAL								
	0	1-2	3-4	5-6	7-8	9	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1- / 67																		1	1			
4 / 65																		1	1			
4 / 63					.1	.1												2	2			
5 / 61				.2				.1										3	3			
1 / 59			.1			.1												2	2			
1 / 57			.1			.2	.4	.1										4	8		3	
5 / 55		.7	.1		.2		.7											15	15		7	
4 / 53		.1			.2	.4	.4	.2										13	13		7	
7 / 51		.1			.7	.6	1.3											24	24		6	
5 / 49		.1	.2	.3	1.6	.9	.9											36	36		4	
4 / 47	.1	.4	.2	.8	.6	1.0	.7											31	31		2	
4 / 45		.4	1.3	1.9	1.9	1.3		.1										62	62		1	
4 / 43		.6	1.2	1.9	1.3	1.7	.3											63	63		3	
2 / 41	.1	.8	.7	1.5	1.9	.9												53	53		5	
4 / 39	.6	3.2	1.9	1.6	2.4	.7												93	93		19	
7 / 37	.7	2.2	2.7	3.1	2.1	.1												97	97		37	
5 / 35	.9	3.2	1.6	1.9	1.6													82	82		46	
3 / 33	.9	2.9	3.7	2.1	.4													82	82		72	
2 / 31	.4	3.2	1.9	2.7	.4													83	83		55	
1 / 29		1.9	2.4	1.3	.1													52	52		59	
5 / 27		1.8	1.9	1.1														42	42		96	
26 / 25		.8	1.1	.4														21	21		68	
24 / 23		.7	.6	.6														16	16		44	
2 / 21			.7	.2														8	8		63	
1 / 19		.6	.4															9	9		73	
12 / 17			.1															1	1		52	
2 / 15																					4	47
14 / 13																					1	27
12 / 11																						24
1 / 9																						32
2 / 7																						7
1 / 5																						2
4 / 3																						4
1 / 1																						16
Element (X)	Σ X ²	Σ X	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																						
Wet Bulb																						
Dew Point																						

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

5473

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 STATION NAME WILKINS AFB, TX YEARS 71-76 MONTH APR

PAGE 2 1500-2000
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
TOTAL	5.4	23.3	22.8	21.6	15.7	8.0	1.4	.6											900	900	900			
Element (X)	Z _x	Z _x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total													
Rel. Hum.	3782559	55739	61.9	19.174	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	1372001	34353	38.2	8.220	900		23.2	.1				90												
Wet Bulb	1047301	30041	33.4	7.041	900		41.7					90												
Dew Point	649884	22576	25.1	9.542	900	.4	69.3					90												

USAFETAC FORM 84 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FEDERAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 1123 LORING AFB ME STATION NAME 7-79 YEARS APR 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																
59			.1	.2														3	3																		
57			.2															2	2																		
55		.1	.2		.2	.1												6	6	3																	
53		.7				.1												7	7	7																	
51				.1	.3													4	4	4	11																
49		.2		.2	.7	.3												13	13		3																
47		.4	.1	.8	1.4	.6												26	26	5	2																
45		.4	.7	.8	1.6	.2												33	33	5	3																
43		.6	1.6	1.3	.8	.2												40	40	19	3																
41		.7	.8	1.3	.8													32	32	21	3																
39	.1	2.4	1.6	2.0	1.4	.3												71	71	45	14																
37	1.7	2.6	3.0	2.8	1.3													99	99	73	29																
35	1.1	3.6	3.8	3.2	1.6													119	119	76	51																
33	1.6	3.9	3.0	2.8	.6													186	186	123	56																
31	.6	3.3	3.8	2.3	.3													93	93	190	71																
29	.9	4.6	4.4	1.2														100	100	127	56																
27	.1	2.2	2.2	1.2														52	52	95	97																
25		1.3	.8	.2														21	21	76	73																
23	.1	1.1	.9	.1														20	20	41	56																
21		.6	1.7	.2														22	22	21	71																
19		.4	1.6															18	18	22	59																
17		.2	.7															8	8	14	67																
15		.2	.2															4	4	17	56																
13			.1															1	1	7	19																
11																					1	19															
9																						1	33														
7																							14														
5																							6														
3																							13														
1																							9														
-1																							6														
-3																							1														
TOTAL	6.1	29.6	31.3	20.9	13.2	1.9												900	900	900	900																
Element (X)	Σx'	Σx	Σ	Σ	No. Obs.	Mean No. of Hours with Temperature																															
Rel Hum	4384619	60893	67.7	17.159	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	1137653	31291	34.8	7.438	900		33.9					90																									
Wet Bulb	923397	28089	31.2	6.975	900		52.2					90																									
Dew Point	618695	21967	24.4	2.581	900		7	72.6				90																									

USAFETAC FORM 026-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5674

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LUPING AFB ME 70-70 APR 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				
7 / 69																		3	3						
6 / 67																		3	3						
5 / 65																		5	5						
4 / 63				.1														13	13						
3 / 61			.1	.1														21	21						
2 / 59		.1	.1	.1														41	41	5					
1 / 57		.1	.2															55	55	11					
0 / 55		.5	.1	.1	.1													99	99	21	4				
50 / 53		.3	.1	.1	.2	.3												119	119	59	36				
40 / 51		.1	.1	.2	.4	.3	.7	.1										141	141	19	47				
30 / 49		.3	.1	.4	.9	.7	.6	.0	.7									205	205	42	28				
20 / 47		.1	.4	.3	.6	.7	.8	.2	.0									224	224	77	23				
10 / 45		.4	.7	.9	1.1	.9	.1	.3										297	297	120	30				
0 / 43		.7	1.1	1.2	1.3	.5	.2											355	355	208	32				
42 / 41	.1	1.1	1.7	1.3	1.3	.2												363	363	292	72				
32 / 39	.5	2.5	1.8	1.6	1.4	.4	.7											593	593	442	164				
22 / 37	.7	2.4	2.7	2.3	1.7	.1												618	618	591	220				
12 / 35	1.2	4.0	2.9	1.8	.9	.7												779	779	704	372				
3- / 33	1.7	3.6	3.3	1.8	.4													728	728	608	468				
23 / 31	.4	3.6	3.3	1.9	.4													670	670	784	497				
13 / 29	.7	3.6	3.2	1.7	.1													576	576	832	478				
03 / 27	.4	2.6	2.6	1.5	.5													472	472	600	734				
6 / 25		1.5	1.3	.6														242	242	531	614				
24 / 23		.8	.9	.3														141	141	342	440				
14 / 21		.7	1.1	.1														143	143	223	536				
04 / 19		.7	.9	.5														127	127	155	562				
18 / 17		.2	.5															55	55	126	440				
08 / 15		.2	.3															37	37	85	347				
14 / 13		.3	.1															31	31	46	216				
12 / 11		.2	.1															21	21	39	155				
02 / 9		.3																18	18	27	186				
06 / 7		.1																5	5	19	122				
6 / 5																				2	61				
4 / 3																					67				
Element (X)	Σ X ²	Σ X	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

SPECIAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 STATION LORING AFB ME STATION NAME 76-79 YEARS APR MONTH
 PAGE 2 HOURS (L. S. T.) ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ -1																					1.6
/ -2																					5.6
- / -3																					34
- / -4																					12
- / -7																					1
TOTAL	5.4	32.4	27.6	17.0	10.4	4.8	2.9	1.2	.7									7200		7250	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature					Total										
Rel. Hum.	33458225	471999	65.6	18.695	7200	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	9944076	259536	36.2	9.859	7200		253.8	.6				720									
Wet Bulb	779584	230076	32.0	7.805	7200		381.1					720									
Dew Point	5265643	176773	24.6	10.039	7200	10.3	568.4					720									

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

JUNIOR CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11023 WYING AFB MS

70-79

MAY
MONTH

STATION

STATION NAME

YEARS

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
7 / 69					.1													1	1		
6 / 67		.1			.1	.1				.1								4	4		
6 / 65		.5			.1	.2				.1								9	9	4	2
6 / 63		.3			.3	.1	.4											11	11	2	4
5 / 61					.9	.8	.4											19	19	5	3
5 / 59		1.1	.7	1.4	.1	.2												32	32	5	
5 / 57	.1	1.5	.4	.4	.5					.1								29	32	16	9
5 / 55	.9	1.6	1.7	.5	.1													37	41	44	25
5 / 53	.7	1.2	.8	.8	.5	.4												35	39	43	26
5 / 51	.7	1.3	1.4	.8	1.8	.4												55	55	29	26
5 / 49		2.0	1.3	1.9	.2													55	56	35	28
5 / 47	.2	3.0	1.8	1.6	1.3	.5												74	75	38	4
4 / 45	.4	4.3	3.3	2.1	.9	.1												101	103	72	38
4 / 43		3.4	2.4	1.9	.8	.1												78	87	99	43
4 / 41		3.1	2.6	1.4	1.1													75	76	84	65
4 / 39		2.5	3.7	2.2	.9													85	85	71	52
3 / 37	1.2	2.3	3.3	2.4	.1													85	85	87	67
3 / 35	.4	1.8	2.1	1.3														51	51	82	91
3 / 33	.1	1.3	1.4	.5														28	28	81	71
3 / 31	.1	.3	.8	.5														16	16	48	55
2 / 29		.1	1.1	.2														13	13	26	50
2 / 27		.1	1.1	.1														12	12	17	58
2 / 25		.2	.3															5	5	17	34
2 / 23			.1															1	1	11	18
2 / 21			.1															1	1	2	33
1 / 19																				1	37
10 / 17																				1	16
10 / 15																					6
14 / 13																					4
12 / 11																					4
1 / 9																					3
2 / 7																					1
5 / 5																					1

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14-23 LORING AFB ME STATION NAME: 7-79 YEARS: MAY MONTH: MAY
 PAGE: 1 HOURS (L. S. T.): 3300-0517

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
60/65				.2														2	2																
64/60		.6		.2		.2												9	9																
67/57	.2	.2	.1	.4														9	9	6	7														
71/59		.7	.2	.4	.5													17	17	6	1														
75/57		.2	1.4	.5														25	26	6	3														
80/58	.8	2.7	.4	1.7	.2													42	42	23	21														
84/58	.8	2.7	.5	.9														43	46	41	24														
87/61	.4	1.3	1.2	.4	1.7	.3												43	47	45	27														
91/64	.2	1.2	1.4	1.1		.1												46	48	33	24														
95/47		3.4	1.6	2.2	.8	.2												75	76	45	19														
99/48	.4	4.4	2.7	1.2	.2	.1												83	64	55	53														
104/43	.1	3.7	2.7	1.5	.7													73	74	82	52														
107/41	.2	3.5	2.9	1.1	.5													75	75	78	53														
111/39		3.3	3.2	1.7	.4													72	73	69	51														
115/37	.4	4.1	3.1	1.4														82	84	73	58														
119/38	.8	2.7	3.7	1.6														80	83	102	76														
123/33		2.3	2.9	.8														54	54	67	70														
127/31	.1	1.4	2.4	.7														42	42	74	76														
131/29		.2	1.2	.1														14	14	42	54														
135/27		.1	1.7	.2														12	12	24	53														
139/25		.4	.7															10	10	13	50														
143/23		.2	.1															3	7	15	25														
147/21																				5	26														
151/19			.3															3	3		35														
155/17																					6														
159/15																				3	14														
163/13																					6														
167/9																					7														
171/7																					1														
175/-1																					2														
TOTAL	4.34	2.31	1.71	1.9	4.9	1.0												912	930	912	912														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5476919	69559	76.3	13.724	912							
Dry Bulb	1807651	40241	43.3	8.456	930		6.4					93
Wet Bulb	1529286	36538	40.1	6.476	912		18.5					97
Dew Point	1270347	32703	35.9	10.354	912	.2	35.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 7-75 MAY
STATION MONTH
PAGE 1 8523-08.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
70/75																		2		2																	
70/74						.1	.1	.2										4		4																	
70/69			.2		.7	.3												7		7																	
70/67			.1		.2	.1	.1											5		5																	
67/66		.5	.1	.5	.3				.1									13	13	2	2																
64/63		.2	.1	.4	.7	.3	.1											17	13	7	4																
62/61		.1	.3	.2	.7	.3	.1		.1									17	25	9	2																
61/59		.2	.5	.3	.4													14	14	13	2																
60/57	.1	1.2	.8	.7	.6	.4	.1											35	36	13	9																
60/56	.9	1.6	.7	1.6	.7	.9	.2	.1										51	68	39	27																
57/53	.4	1.5	1.6	.9	2.1	.1	.1											62	63	39	30																
57/51	.4	1.7	2.1	1.3	1.5	.5	.2											64	65	42	27																
57/47	.2	2.5	1.6	1.3	.7	.7	.2											66	66	46	36																
56/47		3.1	1.2	1.5	1.3	.5												72	72	72	41																
56/45	.7	4.6	1.5	2.0	1.6	.2												109	101	99	58																
54/53	.1	3.2	2.5	2.5	1.4	.4												94	94	72	63																
52/41	.1	1.9	2.7	2.6	.6	.2												76	77	76	53																
51/39	.2	2.5	2.7	2.1	.5	.1												75	76	79	56																
51/37	.4	2.1	1.1	1.0	.7													48	48	125	69																
51/35	.4	1.4	1.2	.9	.1													37	37	72	74																
51/33		.7	.4	.7														16	15	48	59																
51/31		.1	.2	.9														11	11	29	69																
51/29		.1	.7															7	7	21	45																
51/27		.2	.2															4	4	9	52																
50/25		.1	.1															2	2	13	42																
50/23																				3	13																
52/21				.1														1	1		19																
51/19			.2															2	2		15																
50/17																					12																
50/15																				3	17																
50/13																					5																
51/11																					1																
51/9																					1																
51/7																					1																
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																															
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

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

GENERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1923 STATION LORING AFB ME STATION NAME 78-79 YEARS MAY MONTH
 PAGE 2 2600-0000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	4.1	22.7	23.5	21.5	14.5	5.8	1.6	.2	.1									912	912	912	912														

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.	4853456	64772	71.0	15.672	912							
Dry Bulb	2142726	43924	47.2	8.568	93		2.7	1.9	.2			93
Wet Bulb	1733235	39551	42.3	8.167	912		3.7	.1				93
Dew Point	1381763	34211	37.5	10.395	912	.2	29.6					97

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

CENTRAL CLIMATOLOGY BRANCH
 USAF/TTC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 STATION: WOLFHOLE AFB ME STATION NAME: 75-79 YEARS: MONTH: M/Y

PAGE: 19 of 19
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point														
75/75																		2	2																
74/73																		3	3																
73/71					.1	.1				.7	.6	.1						9	9																
72/70										.2	.3	.1	.1					7	7																
71/69				.1						.1	.2							5	5																
70/68					.1	.2				.2	.2							2	9																
69/67				.1		.1	.3	.3	.1			.1						10	11	2															
68/66					.2	.4	.1	.1	.2	.3								13	13	1															
67/65			.1	.2	.3	.3	.4	.2	.3	.4								19	21	1	3														
66/64		.2	.3	.4	.5	.6	.7	.8	.9	.1								17	18	3															
65/63		.1	.2	.3	.4	.5	.6	.7	.8	.9	.2							28	31	15	1														
64/62		.2	.3	.4	.5	.6	.7	.8	.9	1.0	1.1							41	42	12	4														
63/61		.6	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6							47	47	20	2														
62/60		1.2	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2							53	53	35	9														
61/59	.1	.9	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9							57	59	27	21														
60/58	.1	1.3	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3							72	77	37	28														
59/57	.1	1.7	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6	2.7							69	71	53	44														
58/56	.1	1.3	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5							72	73	61	45														
57/55	.1	1.1	1.4	1.6	1.8	1.9	2.0	2.1	2.2	2.3	2.4							66	67	59	34														
56/54	.2	1.4	1.7	1.9	2.0	2.1	2.2	2.3	2.4	2.5	2.6							86	86	90	35														
55/53	.2	2.4	2.6	2.8	2.9	3.0	3.1	3.2	3.3	3.4	3.5							77	76	105	51														
54/52	.1	1.9	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0							64	64	33	53														
53/51	.8	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7							22	22	84	63														
52/50	.4	.3	.4	.5	.6	.7	.8	.9	1.0	1.1	1.2							19	19	31	66														
51/49	.6	.9	.8	.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6							18	18	51	68														
50/48	.1	.4	.2	.2	.3	.4	.5	.6	.7	.8	.9							10	10	35	69														
49/47	.4	.2	.2	.3	.4	.5	.6	.7	.8	.9	1.0							7	7	29	50														
48/46	.1	.1	.3	.3	.4	.5	.6	.7	.8	.9	1.0							4	4	8	44														
47/45	.2	.2	.1	.1	.2	.3	.4	.5	.6	.7	.8							3	3	6	51														
46/44	.2	.2	.1	.1	.2	.3	.4	.5	.6	.7	.8									5	47														
45/43																				2	37														
44/42																				1	17														
43/41				.1														1	1	1	23														
42/40																					11														
Element (X)	Σx'	Σx	̄x	s _x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/TTC FORM 0-26-5 (01-A) REVISE PREVIOUS EDITIONS OF THIS FORM AND DERIVATIVE
 JUL 68

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

28-28 SPRING AFB ME

7-72

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 0

902-11 07
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																			
80/ 80																																							1	17
84/ 84																																								17
86/ 86																																							5	
90/ 90																																							3	
TOTAL	1.7	19.2	15.0	11.7	12.9	17.7	10.7	5.7	4.1	1.9	.7																									939	939			
																																					939	939		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature					Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	
Rel. Hum.	3645864	54370	59.8	20.827	909						
Dry Bulb	2727429	53747	53.2	10.279	909		.5	9.2	4.6	1.7	93
Wet Bulb	230377	42269	46.5	6.329	909		2.5	.7	.2		93
Dew Point	1455372	34938	38.4	11.131	909		27.7	.3			93

USAFETAC FORM NO. 04 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
CAFETAC
AIR DETAIL SERVICE/MAC

PSYCHROMETRIC SUMMARY

4-23 LORING AFB ME 7-79 YEARS MAY

PAGE 1 1210-160
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point																			
69/80																																		1	1					
68/77																																			11	11				
67/75								.1	.2	.1												.1	.1											6	6					
66/73																							.2	.4	.2										2	2				
65/70						.1																	.4	.3	.3										13	13				
64/68																							.2	.5	.2	.2									11	11				
63/67							.1	.1	.1	.1	.1	.2	.1	.2																					9	10				
62/65								.1	.1	.3	.2	.4	.2	.1	.1																				22	26				
61/63							.1	.3	.7	.3	.3	.3	.2																						18	19		1		
60/61							.5	.4	.1	.4	.3	.5	.5																						23	23		4		
59/59		.1				.3	.3	.3	.4	.2	.4	.2	.1																						23	23		2		
58/57			.1			.4	.1	.1	.2	1.1	.3	.1																							29	19	5	1		
57/55		.3	.1	.7	.9	.1	.4	1.2	.7	.4	.3																								47	50	19	1		
56/53	.2	.3	.1	.9	.1	.5	1.3	1.2	.7	1.1	.1																								42	65	25	10		
55/51		.3	.8	.4	.3	.3	1.2	1.6	.7	.4																									59	59	32	3		
54/49		.2	1.3	.3	.5	.2	1.5	1.4	1.1	.2																									42	63	29	3		
53/47		1.0	.3	.1	.3	.9	.7	3.3	.4																										72	74	46	16		
52/45	.2	.7	.7	1.8	.9	1.5	.3	.1																											57	62	57	15		
51/43	.2	.3	.4	.8	1.1	1.0	1.6	.4																											55	57	56	43		
50/41		1.4	1.1	.8	1.1	1.6	.3	.4																											63	63	48	39		
49/37		.9	1.3	1.1	.7	.4	.5	.9	.5																										49	49	70	31		
48/47		2.2	1.3	1.3	.7	.5	.9	.5																											67	67	57	30		
47/45		2.2	1.1	1.3	.3	.5	.4																												60	60	114	49		
46/43	.3	1.5	.7	.2	.1	.3																													29	29	117	52		
45/41		.7	.1	.1	.2																															10	10	73	67	
44/39	.5	.4	.4	.1	.1	.2																													15	15	93	64		
43/37	.1	.7	.3		.4	.2																													16	16	34	62		
42/35		.4			.1	.1																													6	6	25	70		
41/33		.2			.1																														3	3	12	51		
40/31		.1																																	1	1	7	48		
39/29																																					2	52		
38/27																																					4	50		
37/25																																				1	32			
36/23																																					2			
Element (X)	Zx ²	Zx	X	*x	No. Obs.	Mean No. of Hours with Temperature																																		
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 83 F	≤ 93 F	Total																												
Dry Bulb																																								
Wet Bulb																																								
Dew Point																																								

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14023 LORINC AFB ME STATION NAME: 7-79 YEARS: _____ MONTH: MAY
PAGE 1 1507-17
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
87																		5	5	
86																		15	15	
85																		5	5	
84																		17	17	
83																		19	22	
82																		9	17	
81																		17	19	
80																		19	19	
79																		21	21	7
78																		37	37	3
77																		33	33	6
76																		45	45	12
75																		58	59	14
74																		52	54	12
73																		71	72	11
72																		74	77	17
71																		62	63	23
70																		51	51	42
69																		54	54	34
68																		44	44	36
67																		59	59	29
66																		64	64	56
65																		32	32	52
64																		17	17	63
63																		16	16	62
62																		7	7	62
61																		8	8	57
60																			9	57
59																			8	51
58																			5	47
57																				54
56																				36
55																				24
54																				27
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																				

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOPING AFB ME STATION NAME 7-79 YEARS MAY MONTH
PAGE 1 15-14-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL							
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
17																					25			
16																					9			
15																					11			
14																					6			
13																					2			
12																					1			
11																					2			
TOTAL	12	6	11	2	8	3	8	2	8	1	1	4	1	8	10	1	5	7	4	5	2	5	1	2
																		912		912	912			

Element (X)	Σ x'	Σ x	\bar{x}	s	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	2956437	47382	52.0	23.704	912							
Dry Bulb	3295264	54354	59.5	11.186	929			20.3	11.2	4.7		93
Wet Bulb	2214782	44338	48.6	8.764	912		1.3	1.6				9
Dew Point	1442052	34756	38.1	11.358	912		30.1	1				93

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

FEDERAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

15 23 STATION LOPPING AFB ME STATION NAME 7 - 79 YEARS MAY MONTH

PAGE 1 1899-2000 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
4 / 63																		5	3	
5 / 71																		3	3	
6 / 79																		4	4	
7 / 77																		7	8	
8 / 75																		16	16	
4 / 73																		12	13	
7 / 71																		17	18	
7 / 69																		23	23	3
8 / 67																		22	24	6
4 / 65																		34	35	11
4 / 63																		49	50	12
2 / 61																		43	45	15
5 / 59																		40	40	35
5 / 57																		66	68	51
5 / 55																		69	71	42
4 / 53																		75	77	52
5 / 51																		65	66	45
5 / 49																		56	56	58
5 / 47																		74	74	90
5 / 45																		72	72	91
4 / 43																		68	68	89
4 / 41																		32	32	93
5 / 39																		20	20	86
5 / 37																		22	22	51
5 / 35																		13	13	31
3 / 33																		5	5	24
5 / 31																		2	2	8
5 / 29																		1	1	1
5 / 27																				7
5 / 25																				1
4 / 23																				
2 / 21																				
5 / 19																				
5 / 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																				

USAFETAC FORM NO. 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 LU-ING AFB ME STATION NAME 7-79 YEARS MAY MONTH

PAGE 2 187-266 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 15																					
1 / 13																					
1 / 12																					
1 / 9																					
1 / 8																					
1 / 5																					
TOTAL	7.4	12.7	14.3	10.5	12.8	13.9	10.7	8.8	4.5	2.5	.9	.1						929		913	
																		913		913	

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.	367795	53861	59.3	21.725	913							
Dry Bulb	2814333	50266	54.1	10.078	929		.3	11.2	4.7	.8		93
Wet Bulb	240755	42509	46.6	8.215	913		2.6	.9				93
Dew Point	1442635	34829	38.1	11.178	913		28.2	.3				93

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

FEDERAL CLIMATOLOGY BRANCH
 WAFSC
 AT-WEAT-54 SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION NO. 43 STATION NAME LOSING APR ME YEARS 7-79 MONTH MAY
 PAGE: 2100-23.0
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
70/70								.1																									1	1				
70/71								.1																										3	3			
70/72								.1	.1	.1	.3																							6	6			
70/69								.1	.1		.1																							3	3			
70/67			.2		.1	.2	.3	.2																										12	12			
70/66			.2	.2	.3	.4	.3	.2																										19	19	5	3	
70/65	.3	.1	.1	1.3	.4	.8	.5	.1																									34	35	6	5		
70/64		.5	.9	.9	.8	.7	.1																										35	38		2		
70/63		1.1	.2	.5	.5	.4	.5																										29	32	10	4		
70/62	.1	1.5	.4	.2	.8	.9	.4	.1																									42	46	17	16		
70/60	.3	1.3	.8	.5	.5	1.4	.3	.1																									49	51	48	33		
70/59	.4	.9	.9	.9	2.7	1.3	.3																										62	62	41	24		
70/57	.8	2.1	1.4	1.3	1.2	1.1	.3																										72	73	34	31		
70/49		1.1	1.4	1.3	1.3	.5	.3																										56	58	46	30		
70/47		2.4	1.9	2.2	.9	.9	.2																										77	80	61	29		
70/45		3.6	3.2	1.6	1.4	.6																											97	98	77	61		
70/43	.1	1.3	2.3	2.1	2.1	.9																											79	79	93	53		
70/41		3.1	2.1	2.1	1.3	.3																											80	80	93	48		
70/37	.3	2.4	2.7	1.7	1.1																												68	68	68	69		
70/35	.3	1.1	1.1	.5	.2																												29	29	87	77		
70/33	.2	1.5	.7	1.4																													30	30	86	67		
70/32		.3	.2	.2	.2																												9	9	4	61		
70/31			.4	.7	.2																												12	12	21	53		
70/29			.5	.3																													5	5	13	43		
70/27			.2																														2	2	6	49		
70/25			.1																														1	1	11	32		
70/23																																				3	17	
70/21																																					1	35
70/19																																					18	
70/17																																					13	
70/15																																					9	
70/13																																					3	
70/11																																					3	
70/9																																					3	
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.	Mean No. of Hours with Temperature																												
Rel. Hum.										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																						
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AAC

PSYCHROMETRIC SUMMARY

23 LORING AFB MF 77-79 719-23
STATION STATION NAME YEARS MONTH
PAGE 2 2176-23
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-																					
TOTAL	24.5	21.7	19.3	16.4	10.9	4.1	1.1											912	912	912	912
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature															
Rel. Hum.	44319.5	61431	67.4	17.757	912	0 F	32 F	67 F	73 F	80 F	93 F	Total									
Dry Bulb	2371212	45523	49.9	8.576	912		2.7	2.5	.4				93								
Wet Bulb	1511593	39933	43.8	8.321	912		5.8	.1				93									
Dew Point	1398268	34350	37.7	10.710	912		28.7					93									

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

PSYCHROMETRIC SUMMARY

14 25 041.3 APR 68 7-79

STATION

STATION NAME

YEARS

DAY MONTH

PAGE 1 ALL HOURS U. S. T. I.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. Wet Bulb	Dry Bulb	Wet Bulb	Dew Point																	
1/ 59																																			1	1		
2/ 67																																			16	16		
3/ 65										.1	.1	.1	.1																						23	23		
4/ 63										.1	.1	.1	.1																						19	19		
5/ 61									.1	.1	.1	.1	.1																						42	42		
6/ 79										.1	.1	.1	.1	.1																					51	56		5
7/ 77									.1	.1	.1	.1	.1	.1																					3	33		
8/ 75								.1	.1	.1	.1	.1	.1	.1																					56	71		
9/ 73					.1	.1	.1	.1	.2	.1	.2	.1	.1	.1																					62	65		4
10/ 71		.1	.1	.1	.1	.2	.2	.1	.2	.2	.1																								84	65		14
11/ 69		.1	.1	.1	.1	.2	.2	.2	.2	.3	.1	.2	.2																						113	115		7
12/ 67		.1	.1	.1	.1	.3	.2	.2	.2	.3	.3	.2	.1																						172	125		22
13/ 65	.1	.2	.1	.3	.5	.2	.2	.3	.3	.4	.2	.1																							198	158		75
14/ 63	.1	.2	.2	.6	.3	.5	.6	.5	.5	.5	.3	.1																							261	289		81
15/ 61	.1	.3	.6	.5	.4	.4	.5	.4	.3	.2																									281	291		130
16/ 59	.1	.6	.7	.5	.3	.4	.7	.6	.4	.3																									318	321		173
17/ 57	.1	1.1	.6	.6	.6	.7	.6	1.0	.2																										400	418		259
18/ 55	.4	1.2	.7	.7	1.0	.9	.7	.5	.1																										450	475		327
19/ 53	.6	1.3	.7	.8	1.1	.7	.9	.2	.7																										452	466		389
20/ 51	.7	1.5	1.4	.8	1.2	1.0	.8	.2																											468	497		352
21/ 49	.1	1.5	1.4	1.2	.7	.6	.3	.1																											438	444		426
22/ 47	.1	2.6	1.5	1.7	.9	.6	.4																												584	589		566
23/ 45	.2	3.3	2.1	1.4	1.1	.7	.1																												654	660		718
24/ 43	.1	2.3	1.9	1.3	.8	.5	.2																												517	520		762
25/ 41	.1	1.9	1.5	1.1	.6	.1																													387	389		654
26/ 39	.3	1.5	1.8	.8	.5	.1																													371	373		542
27/ 37	.8	1.5	1.2	.7	.4	.1																													307	319		517
28/ 35	.2	1.2	1.2	.7	.1	.2																													235	235		453
29/ 33	.1	.6	.6	.3	.1	.2																													122	122		310
30/ 31	.1	.3	.5	.4	.1																														88	88		203
31/ 29		.1	.4	.1	.1																														43	43		125
32/ 27		.1	.3	.7																															30	30		67
33/ 25		.1	.2																																18	18		63
34/ 23		.1	.1																																4	4		33
Element (X)	Σx ²	Σx	Σ	Σ _n	No. Obs.	Mean No. of Hours with Temperature																																
Ref. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOSING AFB ME STATION NAME 7-79 YEARS MAY MONTH

PAGE 2 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	TOTAL																
27-24			.3	.5																														3	3	9	198	
26-19			.1																															5	5	1	107	
25-17																																				2	2	101
24-15																																				6	6	92
23-13																																					39	
22-11																																					12	
21-9																																					12	
20-7																																					5	
19-5																																					6	
18-3																																					2	
17-1																																					4	
16-0																																					7	
TOTAL	.9	23.4	19.7	14.9	11.7	8.7	6.4	5.0	3.3	2.0	1.2	.5	.2																						7458	7293		
																																			7293	7293		

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.	33,455.99	4662.85	63.9	21.390	7293							
Dry Bulb	20,354,219	380,261	51.1	11.072	7458		19.1	64.1	31.6	11.7		744
Wet Bulb	15,133,222	325,516	44.6	8.799	7293		51.9	4.8	.4			744
Dew Point	1,115,791.4	274,014	37.6	10.876	7293	.4	240.5	1.0				744

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

CENTRAL CLIMATOLOGY BRANCH
 WASHINGTON
 40 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 WIPING AFB ME
 STATION

STATION NAME

71-79

YEARS

MONTH

PAGE 1

11-23-79
 HO'RS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																	
7 / 77						.1																											1	1				
7 / 75						.2																											4	4				
7 / 73					.1	.1	.2	.1																									5	5				
7 / 71		.1			.2	.3	.1																									8	8		1			
7 / 69	.1	.9	1.7		.5		.1																									37	37	7	6			
7 / 67	.3	.6	1.4		.6		.1																									37	37	13	5			
7 / 65		1.3	1.6	1.1	.7																											39	39	32	10			
7 / 63	.6	3.1	1.9	2.3	.1	.2																										73	73	46	35			
7 / 61	.1	1.6	3.8	1.4	.4	.3	.1																									76	76	41	43			
7 / 59	.2	3.4	3.4	.7	1.7	.4																										83	83	55	35			
7 / 57	.1	3.8	2.7	2.7	1.7	.2	.1																									95	95	92	53			
5 / 55		3.8	2.4	1.9	1.1	.2																										76	76	77	72			
7 / 53		2.4	2.6	2.7	1.2																											76	76	68	89			
7 / 51	.1	2.1	3.4	.9	.6	.1																										67	67	67	52			
7 / 49	.1	1.9	2.7	1.4	.4																											59	59	85	43			
7 / 47	.1	2.8	1.4	1.8	.3																											52	52	86	55			
7 / 45	.1	2.5	3.7	1.1	.4																											63	63	66	91			
7 / 43		1.2	1.7	.6	.4																											35	35	53	77			
7 / 41		.7	1.7																													15	15	47	46			
7 / 39		.1	.4	.3																												8	8	38	41			
7 / 37			.6																													5	5	11	41			
7 / 35																																	5	5	9	44		
30 / 23																																			8	21		
7 / 31																																				12		
7 / 29																																				14		
7 / 27																																				5		
7 / 25																																				5		
TOTAL	1.73	7.35	9.19	1.9	9.8	2.3	.3																												980	980	937	

Element (X)	ΣX^2	ΣX	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5504024	69543	77.3	12.267	907	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	2862334	50276	55.9	7.734	906			7.8	1.7			9
Wet Bulb	2497083	46867	52.1	7.781	906			2.1				9
Dew Point	2282133	43755	48.6	9.128	900		3.4	1.1				9

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

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR FORCE WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION SPRING AFB ME STATION NAME SPRING AFB ME YEARS 70-79 MONTH JUL
 PAGE 1 1370-0501
 HOURS (L.S.Z.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/70																		1	1																
69/70																		2	2																
68/70																		7	7																
67/70			1.0	.7	.6													18	18	1															
66/67			.6	1.7	.4													24	24	11	6														
65/67			.7	.9	1.2	.3												26	26	26	14														
64/67		.3	2.4	2.2	.9		.1											54	54	36	21														
63/67		.4	1.8	2.4	1.7	.2	.2											35	55	34	27														
62/67		.2	2.8	3.3	.2	.3												63	63	48	32														
61/67		.2	3.6	3.6	1.8	.4												126	126	61	49														
60/67	.1	4.6	2.7	1.4	.7													85	85	63	61														
59/67	.1	3.1	3.2	1.7	.1													74	74	61	55														
58/67	.3	3.6	3.7	1.2	.4													77	77	65	69														
57/67		2.1	3.7	1.4														65	65	75	55														
56/67		3.9	2.2	1.1														65	65	64	73														
55/67	.1	3.6	3.7	.4	.2													72	72	98	7														
54/67	.1	1.5	2.9	.3														41	41	46	73														
53/67		1.3	1.8	.3														31	31	54	25														
52/67		1.3	.6	.2														19	19	43	49														
51/67	.1	.1	.6															9	9	26	46														
50/67			.6															5	5	7	57														
49/67		.1																1	1	2	7														
48/67																					7														
47/67																					13														
46/67																																			
TOTAL	2.54	1.239	8.13	.8	3.2	.4												950	950	9															

Element (X)	ΣX'	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5940517	72590	80.7	0.765	900	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2674392	48567	54.0	7.773	900		.1	5.2	.3			
Wet Bulb	2367237	45819	50.9	7.793	900		.2	1.2				
Dew Point	2147929	43245	48.1	8.625	900		2.9	.6				

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

NATIONAL CLIMATOLOGY BRANCH
 METEOROLOGICAL
 WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 LOPING AFB NE
 STATION

7-79
 YEARS

JULY
 MONTH

PAGE 1

7672-2810
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70						.1												1	1																
71						.2												1	1																
72			.1	.1		.2												4	4																
73			.2	.2	.2	.2												8	8																
74		.1	.2	.2	.2	.2	.7											13	13	1															
75		.1	.3	.6	.6	.6												14	14	4	1														
76		.4	1.4	1.6	.7	.7			.1									47	47	11	4														
77		.7	1.2	.9	.2	.3	.2											33	33	17	17														
78		1.7	1.7	1.1	1.4	.3	.4											64	64	37	10														
79	.4	1.6	2.2	2.3	1.3	.8	.4											82	82	53	32														
80	.1	2.8	2.6	2.1	1.6	.7												88	88	48	41														
81	.1	3.3	4.1	2.2	1.3	.4												173	143	65	57														
82	.1	3.7	3.7	1.6	1.7	.3	.1	.2										96	96	92	61														
83	.2	2.7	3.3	2.3	1.9	.6	.1											100	100	135	79														
84	.1	1.1	1.3	2.7	.8	.3												51	51	105	70														
85		1.3	3.3	1.1	.6	.1												57	57	71	63														
86		1.1	3.1	1.7	.6	.3												55	55	83	66														
87		1.5	1.7	.4	.3													36	35	67	71														
88		1.2	.9	1.3	.2													33	33	66	74														
89		.3	.8	.2														12	12	31	61														
90		.2	.3	.3														8	8	23	55														
91			.1															1	1	22	34														
92																				5	22														
93																					15														
94																					15														
95																					11														
96																					7														
97																					6														
98																					3														
TOTAL		1,123	331	122	71	43	5	7	1	3	.4								900		900														

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≥ 0 F	≥ 32 F	≥ 64 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	5100363	56775	74.7	12.745	900							900
Dry Bulb	3118074	52564	58.4	7.315	900			11.4	2.7	.1		900
Wet Bulb	2656266	48499	53.9	7.132	900			2.8	.1			900
Dew Point	2306596	44904	49.9	8.580	900		2.7	1.5				900

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

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

PSYCHROMETRIC SUMMARY

14-23 STATION LO-110 AFB MO STATION NAME

7-78 YEARS

YEARS

MOONTH

PAGE 1 13-14 HOURS P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
1/ 86							.1											2		2															
2/ 87							.1	.2	.1	.1	.1	.2						12		12															
4/ 88							.1		.2	.1	.7	.4						14		14															
7/ 88						.1	.3	.2	1.3	.4	.1	.1	.2					27		27															
7/ 89				.3	.2	.6	.5	.5	.6	.6	.6	.4						41		41															
7/ 89				.1	.2	.4	.3	1.2	.5	.3	.7	.4						42		42															
7/ 77				.1	.4	1.4	1.6	.4	.7	1.7	.6	.1						55		55		1													
7/ 78			.2	.7	1.7	1.8	1.2	.9	1.7	1.3	.2	.1						74		74		9													
7/ 78				.9	.3	.9	1.2	.9	1.1	1.1	.6	.3						66		66		3													
7/ 78			.1	.8	.7	.6	1.6	1.1	1.2	1.3	.3							59		59		16													
7/ 69		.1	.3	.7	1.1	1.1	1.3	1.3	.5	.2	.2							59		59		7													
8/ 68			1.4	.7	1.7	.9	1.1	1.3	.6	.1								59		59		13													
8/ 68	.3	1.7	1.6	1.4	1.7	1.8	1.3	.7	.6	.3	.1							68		68		20													
8/ 68	.1	1.2	1.3	1.3	.4	.7	1.3	1.6	.9	.2								79		79		47													
8/ 51	.1	.7	1.1	.6	.2	.6	.3	.4	.4									45		45		28													
8/ 59		.6	1.1	1.1	.3		.1		.1									38		37		51													
8/ 59		.1	1.5	.7	.2	.3		.3										29		29		82													
8/ 58		.7	1.2	1.1	.4	.2	.1											33		30		65													
8/ 58		.9	1.2	.7	.4		.3											32		32		69													
8/ 58		.6	1.3		.2	.2												21		21		54													
8/ 47		.3	.9	.2		.2												15		15		57													
8/ 47		.8			.1													8		8		36													
8/ 40		.1			.1													2		2		22													
4/ 43																						13													
10/ 41																						4													
10/ 37																						2													
11/ 37																						1													
11/ 35																																			
3-1/ 33																						11													
7/ 31																						15													
3/ 29																						9													
6/ 27																						15													
8/ 25																						7													
8/ 23																						2													

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

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

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

PSYCHROMETRIC SUMMARY

STATION: WILSON AFB MS STATION NAME: W-73 YEARS: 1957 MONTH: 12
 DATE: 12-31-57 HOUR: 0000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
	7.2	13.5	11.3	9.0	7.1	5.2	3.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	899	899	899	899												
																		899	899	899	899												

Element (Z)	Z ₁	Z ₂	Z ₃	Z ₄	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	3176993	50539	56.2	19.4	21	0 F	32 F	67 F	73 F	80 F	93 F	Total
Dry Bulb	43211	9	51771	66.7	9.2	46		52.1	32.3	11.3		9
Wet Bulb	3192994		52766	55.7	7.1	53		17.4	1.3			9
Dew Point	2436792		45672	50.3	9.9	28		4.3	2.5	0.2		9

USAFETAC FORM NO. 41 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAF/TAC
 AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

STATION 40-136 AFS ME STATION NAME 7-79 YEARS MONTH

PAGE 1 1570-1711 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																
27/26																																2	2			
26/25																																3	3			
25/24																																7	7			
24/23																																19	19			
23/22																																31	31			
22/21																																34	34			
21/20																																67	67			
20/19																																41	41			
19/18																																71	71	6		
18/17																																59	59	15		
17/16																																71	71	19	9	
16/15																																80	80	29	6	
15/14																																51	51	61	12	
14/13																																82	82	74	27	
13/12																																67	67	80	56	
12/11																																41	41	73	54	
11/10																																29	30	91	57	
10/9																																39	39	87	54	
9/8																																44	44	94	75	
8/7																																21	21	75	70	
7/6																																16	16	55	44	
6/5																																18	18	62	49	
5/4																																3	3	41	59	
4/3																																3	3	16	12	
3/2																																			12	61
2/1																																			4	36
1/0																																			2	33
0/0																																				25
24/23																																				28
23/22																																				13
22/21																																				13
21/20																																				9
20/19																																				17
19/18																																				7

Element (X)	T _{max}	T _{min}	X	X _{max}	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						± 0 F	± 1 F	± 2 F	± 3 F	± 4 F	± 5 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAF/TAC FORM 0-26.5 (OL A) REVISION 1-1-64
 1570-1711 HOURS (L. S. T.)

CLIMATE BUREAU
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: LORING AFB ME YEARS: 7-79 MONTH: JUN

PAGE: 2 HOURS (L. S. T.): 1513-1710

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	L / Bulb	Wet Bulb	Dew Point
7-23																						
8-21																						
TOTAL	.4	7.3	13.0	9.3	11.6	10.1	10.5	11.1	8.7	9.1	6.1	3.0	.7							899	899	899
Element (X)	Σx'	Σx	X	s _x	No. Obs.	Mean No. of Hours with Temperature					Total											
Rel. Hum.	3172237	49321	54.92	20.199	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb	436443	6285	69.7	9.292	899			53.6	33.4	12.1		9										
Wet Bulb	3126411	52631	58.5	7.93	899			12.8	2.2			0										
Dew Point	2358031	45117	57.2	10.223	899		5.1	2.7				9										

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

FEDERAL BUREAU OF SURVEY
 U.S. AIR FORCE
 AIR WEATHER SERVICE/MAJ

PSYCHROMETRIC SUMMARY

STATION: 23 LOPINO AFB ME YEARS: 7-79 MONTH: JUN

PAGE: 1 OF 2
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Cew Point
57/57						.1												1	1		
57/57																		1	1		
57/57																		6	6		
57/57						.1	.3	.4	.7	.2	.1							14	14		
57/57					.2	.5	.3	.4	.2	.1								23	23		
57/57					.2	.7	.7	1.0	.4	.4	.4	.2						34	34	1	
57/57			.3	.1	.6	.8	.9	.7	.6	.6	.2							41	41		
57/57		.1	.2	1.4	.2	1.3	.6	.8	.4	.7	.2	.1						59	59		
57/57		.2	.9	1.2	.7	1.1	.7	.4	.2	.5	.1							60	60	11	2
57/57		.5	1.2	1.3	1.2	1.1	.3	1.1	.5	.3								74	74	22	11
57/57		.1	1.2	.2	1.6	.9	1.3	.9	.4	.1	.2							62	62	39	10
57/57		1.3	1.3	1.9	.9	.8	1.3	1.2	.7	.1								36	34	56	13
57/57	.3	1.4	2.2	1.1	1.3	1.9	1.3	1.2	.3	.1								100	103	72	53
57/57		1.4	.9	.4	1.3	1.7	1.1	.4	.2									52	62	74	51
57/57		1.9	2.4	.9	.7	.2	1.7	.1										55	65	35	39
57/57		1.3	1.3	.9	.6	.7	.4	.4										43	48	70	52
57/57		.6	1.6	1.7	.6	1.7	.6											47	47	95	61
57/57	.1	.6	1.3	1.3	.4	.1	.2											34	34	93	63
57/57	.1	1.7	1.9	.4	.8	.3	.1											42	42	69	47
57/57		.6	1.2	.2	.1	.2												21	21	65	53
57/57		.6	.2	.1	.2	.1												11	11	48	68
57/57		.6	.2	.3	.1													11	11	30	77
57/57		.1	.1	.1														3	3	22	58
57/57																				12	41
57/57																				7	36
57/57																					36
57/57																					24
57/57																					1
57/57																					9
57/57																					11
57/57																					11
57/57																					6
57/57																					1
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F										
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

CENTRAL CLIMATOLOGY BRANCH
 WPAFB
 AFM WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: WPAFB STATION NAME: WPAFB YEARS: 7-79 MONTH: JUL

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
47/39																											2	2							
47/36																											5	5							
47/33																											23	23							
47/30																											36	36							
47/27																											70	70							
47/24																											138	138							
47/21																											151	151							
47/18																											170	170							
47/15																											245	245	17						
47/12																											281	280	34	3					
47/9																											335	335	51	25					
47/6																											428	428	151	47					
47/3																											369	369	279	76					
47/0																											522	522	474	133					
46/39																											667	667	492	343					
46/36																											520	520	517	412					
46/33																											526	527	623	351					
46/30																											538	538	656	514					
46/27																											491	491	713	544					
46/24																											362	362	661	598					
46/21																											379	379	536	481					
46/18																											306	306	559	437					
46/15																											233	233	467	507					
46/12																											223	223	395	520					
46/9																											102	102	229	514					
46/6																											58	58	10	377					
46/3																											32	32	133	301					
46/0																											14	14	51	234					
45/39																											5	5	22	247					
45/36																													20	138					
45/33																																			
45/30																											1	1	2	82					
45/27																																			
45/24																																			
45/21																																			
45/18																																			
45/15																																			
45/12																																			
45/9																																			
45/6																																			
45/3																																			
45/0																																			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 6 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 LOSING AFB ME

7-79

11
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	DB/W.B.	Dry Bulb	Wet Bulb	Dew Point			
11 / 23																								1	
12 / 23	1.2	1.9	2.4	3.1	3.7	4.1	4.6	5.0	5.5	6.0	6.5	7.0	7.5	7.9	8.4	8.9	9.4	9.9	10.4	10.9	11.4	11.9	12.4	12.9	
TOTAL																									7198
																									7198

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	
Rel. Hum.	35155994	425474	67.4	18.357	7198							
Dry Bulb	28237732	445242	61.8	9.805	7199			221.9	109.7	32.0		720
Wet Bulb	22434131	397837	55.3	7.868	7198			2	54.4	5.3		720
Dew Point	18474746	358248	49.8	9.454	7198			29.3	15.1	.3		720

USAFETAC FORM 0-35-J (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 23 WFO STATION NAME AFB MS 7-79 YEARS MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
67/73				.2	.2													4	4																
67/73		.1	.2	.4		.1												24	24																
67/71		.5	.9	.9	.7													67	67	17	7														
67/69		.9	1.3	1.3	.7													73	73	29	9														
67/67		1.3	1.4	1.4	.7	.7												87	87	65	31														
67/65	.1	1.4	1.4	1.4	.7	.7	.1											112	112	97	64														
67/63	.1	1.4	1.4	1.4	.7	.7	.1	.1										115	115	101	61														
67/61	.1	1.4	1.4	1.4	.7	.7	.1	.1										111	111	94	61														
67/59	.1	1.4	1.4	1.4	.7	.7	.1	.1										112	112	100	61														
67/57	.2	1.4	1.4	1.4	.7	.7	.1	.1	.2									86	86	110	63														
67/55	.2	1.4	1.4	1.4	.7	.7	.1	.1	.2									83	83	119	67														
67/53	.1	1.4	1.4	1.4	.7	.7	.1	.1	.2									37	37	73	66														
67/51		.2	.4	.1														25	25	42	74														
67/49		.3	.2															11	11	52	48														
67/47		.3	.2															11	11	71	49														
67/45																				9	37														
67/43																				5	35														
67/41																					20														
67/39																					6														
67/37																																			
TOTAL		.127	.343	.321	.2	6.7	1.0	.1											929	929	929														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total		
Rel. Hum.	5949	5	.3791	79.4	9.724	929	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	3449952	56338	60.5	6.280	929			16.9	1.2				93
Wet Bulb	3549433	52929	57.0	6.339	929			6.1					93
Dew Point	2768694	50296	54.1	7.215	929			1.6					93

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

SIGNAL CLIMATOLOGY BRANCH
 WAFETAC
 AIR WEATHER SERVICE/AFAC

PSYCHROMETRIC SUMMARY

STATION 03 LUPING AFB ME STATION NAME 7-75 YEARS MONTH

PAGE 1 03-1975
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
70/75					.1													1	1																
71/73				.1	.1													2	2																
72/73		.3	1.7	.7														10	10																
73/69	.1	.3	1.4	.6	.1													27	27	7	4														
74/67		1.3	4.4	1.1														62	62	17	6														
75/65		4.1	5.6	.6														25	55	50	11														
76/62		3.3	3.6	1.4	.1													80	80	90	49														
77/61	.2	4.2	3.4	1.4	.2	.1												69	69	8	69														
78/59	.4	4.6	3.9	2.1	.3													108	105	94	85														
79/57	.6	4.5	3.7	1.7	.4													69	99	56	69														
80/55	.5	5.7	4.6	1.5	.1													114	114	98	78														
81/53	.6	3.9	3.6	.8														73	75	117	97														
82/51	.1	2.6	3.4	.5	.1													63	63	0	85														
83/49		1.1	5.3	.5														57	57	75	79														
84/47		1.3	1.4	.1														26	26	54	76														
85/45		.5	1.1															16	14	44	6														
86/43		.1	.2															5	5	21	37														
87/41		.2																3	3	11	31														
88/39																				4	30														
89/37																					10														
TOTAL	1.9	37.4	46.7	12.9	1.5	.1												930	930	930	930														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	63629.2	7676.7	82.5	5.229	930							
Dry Bulb	3282536	54660	58.7	6.317	930			10.7	3			93
Wet Bulb	2923114	51338	55.7	6.312	930			2.4				93
Dew Point	2694516	49632	53.4	7.019	930			1.2				93

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

CENTRAL CLIMATOLOGY BRANCH
 WAFB-2
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23 WORMING AFB ME 71-78 11
 STATION STATION NAME YEARS MONTH
 PAGE 1 0600-0800
 HOURS (L. S. T.)

Temp. (F)	WE' BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25	26-27	28,29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
7 / 77				.2	.7	.1												5	5																		
7 / 75			.1	.3	.1	.1												8	5																		
7 / 77			.8	1.2	.8													30	27	1																	
7 / 71		.4	1.2	1.6	.5	.4	.1											40	47	5																	
7 / 69		.5	3.9	2.2	1.4	.3	.2											79	79	16	3																
7 / 67		1.7	4.7	2.1	1.2	.6												59	59	43	15																
7 / 65	.1	3.6	4.6	3.7	1.2	.6	.4											132	132	79	39																
7 / 63		3.2	3.9	3.4	1.5	.3												115	115	101	52																
7 / 61	.0	3.2	4.1	3.2	2.4	.2												125	126	106	53																
7 / 59	.1	3.3	3.7	2.7	1.1													95	86	111	62																
7 / 57		3.3	3.9	2.7	.5	.2												91	91	123	118																
7 / 55	.4	2.7	1.7	1.8	.3	.1												56	56	117	115																
7 / 53	.1	.5	1.7	1.1	.1													33	33	100	94																
7 / 51		.5	1.3	.3														20	20	53	31																
7 / 49		.2	.3															5	5	41	72																
7 / 47		.1	.1															2	2	23	58																
7 / 45																				4	56																
7 / 43																				1	15																
7 / 41																					10																
7 / 39																					4																
7 / 37																					2																
TOTAL	1.123	5.33	3.26	5.11	5.3	1.2	.2	.2										928	937		928																

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5665448	7184	77.4	10.874	928	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	
Dry Bulb	371599	58447	62.8	5.512	937			24.1	3.3			97
Wet Bulb	3213852	54386	58.6	5.349	928			6.5	.1			97
Dew Point	2893156	51482	55.5	6.329	928			2.3				77

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

OFFICE OF TOCLOGY BRANCH
 ADJ. LEADER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 JOPINS AIR ME STATION NAME 7-79 YEARS JULY MONTH 1975-1975
 PAGE 1 HOURS (L.S.T.)

Temp °F	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																		
0/85																																		2	2				
1/82																																		12	12				
2/79																																		19	19				
3/76																																		40	40				
4/73																																		52	52				
5/70																																		52	52				
6/67																																		101	101	12			
7/64																																		114	114	40	7		
8/61																																		105	105	57	28		
9/58																																		113	113	90	44		
10/55																																		93	93	115	55		
11/52																																		66	67	125	90		
12/49																																		50	51	126	102		
13/46																																		45	47	130	90		
14/43																																		14	14	67	104		
15/40																																		13	13	49	100		
16/37																																		2	2	50	73		
17/34																																				24	64		
18/31																																			7	45			
19/28																																			3	43			
20/25																																					38		
21/22																																					21		
22/19																																					6		
23/16																																					5		
24/13																																					1		
25/10																																					2		
26/7																																							
27/4																																							
28/1																																							
29/0																																							
TOTAL																																				928	950	928	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4246725	61376	66.14	222	928	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	4538537	64717	69.65	138	937			63.0	30.8	5.2		93
Wet Bulb	3622191	57769	62.35	297	928			1.2	1.6			93
Dew Point	384887	53117	57.26	865	928			7.9				93

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

GENERAL CLIMATOLOGY SECTION
 USAFETAC
 MET WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 WARRING AFB ME STATION NAME 7-72 YEARS MONTH PAGE 1 1270-1970 HOURS 12.5.70

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7 / 31											.1	.1	.1							7	7														
8 / 31							.7	1.1	1.1	.9	.6	.1								38	38														
9 / 31				.1	.2	.5	1.2	1.1	1.6	1.6	.3									34	34														
10 / 31				.5	2.0	1.7	2.3	.9	1.8	.4										55	55														
11 / 31			.7	.3	1.3	2.2	2.5	1.6	1.7	.4	.4									81	81														
12 / 31		.1	.2	1.4	2.9	1.6	1.1	1.6	1.7	.4	.2									92	92	1													
13 / 31		.4	.3	1.9	1.7	2.3	2.3	1.7	.9	.3										116	116	25													
14 / 31		.4	.3	1.4	1.4	1.7	2.2	1.2	.4											26	37	58	14												
15 / 31		.4	2.3	.4	1.7	1.6	.1	1.2	.1	.1										67	67	76	21												
16 / 31		.9	2.2	.7	1.9	1.7	.6	1.7	.7											27	32	123	42												
17 / 31	.2	1.1	1.7	1.6	.7	.5	.5	1.7	.1											67	67	135	70												
18 / 31	.1	.2	.9	.3	.7	.6	.7	.1												33	33	122	14												
19 / 31		1.6	.9	.4	.3	.4	.2													36	36	124	81												
20 / 31		.3	.1	.3	.5	.1														13	13	112	27												
21 / 31		.1	.3																	4	4	42	108												
22 / 31			.7	.1	.2															5	5	43	22												
23 / 31			.1	.1																2	2	31	67												
24 / 31																						19	52												
25 / 31																						5	52												
26 / 31																						3	43												
27 / 31																							39												
28 / 31																							24												
29 / 31																							15												
30 / 31																							0												
31 / 31																							3												
32 / 31																							7												
TOTAL	.7	6.1	11.3	3.0	11.2	8.1	15.3	14.4	14.5	8.7	5.4	2.4	.4	.1						928	928	928													

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

Element (X)	Σx²	Σx	Σ	σ _x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	559929	68225	58.5	16.377	928			76.9	34	19.0		93
Wet Bulb	3782773	59741	63.6	5.345	928			29.3	3.5			97
Dew Point	773859	52961	57.1	7.445	928			7.8	.1			97

U.S. AIR FORCE CLIMATE LOG BRANCH
 WASHINGTON, D.C.
 AIR WEATHER SERVICE / MAC

PSYCHROMETRIC SUMMARY

STATION NO. 02 LOCATION LOSING SPRING STATE TX COUNTY 7 - 79 YEARS 19 MONTH 11

PAGE 1 OF 17
 HOURS 11 - 17

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
7/ 80										.1	.1	.2						2	2																
7/ 77										.5	.5	.5	.5					12	12																
7/ 75						.5	.5	.5	.5	1.0	.3							37	37																
7/ 73				.1	.2	.2	.3	.5	1.3		.5	.7						51	51																
7/ 71					.5	.5	1.1	1.5	1.7	.5	.1	.1						64	64																
7/ 69				.1	.2	1.0	1.5	1.5	1.2	2.2								71	71																
7/ 67			.1	.4	1.0	1.4	1.7	1.5	1.1	1.1	.2							56	56	1															
7/ 65			.3	.5	2.0	2.2	1.2	1.5	1.2	.4								57	57	2	1														
7/ 63		.5	1.0	1.1	1.5	2.3	1.9	1.4	1.2	.4								133	133	22	7														
7/ 61	.5	1.5	1.5	.5	2.3	1.3	1.9	.5	.1									129	129	45	11														
7/ 59	.5	2.2	1.1	1.0	2.7	1.1	1.5	.4										99	99	76	20														
7/ 57	1.0	1.2	1.5	1.0	.3	1.4	.9	.1										67	67	138	32														
7/ 55	1.5	1.5	.4	.3	.5	1.1	.2											53	53	120	57														
7/ 53	1.7	.5	.2	.2	.2	.5	.2											45	45	122	20														
7/ 51	.9	.3	.3	.1		.2												17	17	155	56														
7/ 49	.3	.1	.2	.2	.1													9	9	55	10														
7/ 47	.1	.2	.2	.2	.2													9	9	59	6														
7/ 45	.4	.1	.1	.1														6	6	39	2														
7/ 43			.1	.1														2	2	34	56														
7/ 41																				14	63														
7/ 39																				5	54														
7/ 37																				3	56														
7/ 35																					34														
7/ 33																					35														
7/ 31																					9														
7/ 29																					10														
7/ 27																					3														
TOTAL		7.2	6.9	8.5	11.7	14.5	11.3	9.1	7.7	1.7	1.1							929	929	929	929														

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.	335,735	53529	57.6	16.843	929							92
Dry Bulb	5,79797	60071	73.6	6.848	929			75.8	51.3	19.9		92
Wet Bulb	3756486	58958	63.5	5.243	929			29.1	3.1			93
Dew Point	3036058	52648	56.7	7.515	929			7.2	.7			53

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LOSING AFB ME 7-79
STATION STATION NAME YEARS MONTH
PAGE 1 210-2300
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														
79/79			.1	.1	.2													4	4																
78/77			.2	.1	.4													11	11																
75/75			.4	.1	.9	.1	.2											16	16																
74/73		.1	.2	1.5	1.1	.5	.2	.1										35	35	6															
71/71		.2	1.6	1.8	1.3	.8	.6	.1										60	60	7	6														
70/69		1.5	2.4	1.3	2.7	.3		.1										66	66	15	4														
67/67		1.6	4.7	2.4	1.7	1.8	.3											110	110	58	17														
66/65		2.7	3.5	3.8	1.8	.9	.1	.1										119	119	73	45														
64/63	.1	3.9	2.7	3.3	2.7	.5	.1	.1										119	119	104	72														
62/61	.1	3.1	3.1	3.5	1.6	1.5	.2											117	117	121	111														
59/59		2.4	2.8	2.7	1.3	.6												85	85	173	93														
57/57	.1	2.8	2.2	1.8	1.7													85	80	111	92														
55/55		1.4	1.1	1.6	1.7													54	54	124	93														
54/53		.3	1.2	1.5	.2													30	30	66	63														
52/51	.1	.6	.8	.2														16	16	49	97														
51/49		.2	.2															4	4	51	49														
47/47																				31	45														
47/45																				5	47														
44/43																				2	29														
42/41																					38														
41/39		.1																1	1		12														
38/37																				1	5														
36/35																					1														
TOTAL		.5	19.6	26.3	25.9	18.1	7.2	1.3	.5											927	927	927													

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5230832	68736	74.1	12.36	927							
Dry Bulb	3802214	59118	63.9	5.884	927			30.3	6.6			93
Wet Bulb	3236922	54516	58.8	5.775	927			8.6	.6			93
Dew Point	2261501	51683	55.1	7.089	927			2.7				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME 7-79 STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
80/80																		11	11		
80/87																		37	37		
85/85																		79	79		
85/88																		59	99		
88/88																		160	160		
88/79																		226	228		
77/77																		302	302		
76/75																		360	360	22	2
72/72																		471	471	72	2
72/71																		531	571	179	46
69/69																		613	613	298	109
67/67																		703	733	600	194
65/65																		749	749	755	368
65/63																		701	722	377	661
62/62																		593	595	950	733
61/60																		497	498	863	757
57/57																		427	427	753	789
53/55																		304	364	626	732
54/53																		208	208	570	624
52/52																		137	137	341	597
51/49																		91	91	247	490
46/47																		39	39	176	407
46/45																		25	25	95	375
44/43																		5	5	32	222
42/41																		3	3	16	171
37/37																		1	1	4	115
35/37																				1	33
35/35																					5
TOTAL																		7427	7431	7427	7427
Element (X)	Σx²		Σx		Σ	Σ	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.	38498214		521358		70.2	15.996	7427	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb	33312702		493758		66.4	8.241	7431			359.1	174.2	49.4		744							
Wet Bulb	27133139		446487		60.1	6.268	7427			118.1	10.2			744							
Dew Point	23403094		413493		55.7	7.177	7427			35.0	.4			744							

USAFETAC FORM 0-26-5 (OL A) 7 JUL 64 REVISED EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

11-23 10RING AFB MS 70-79
 STATION MONTH YEARS
 PAGE 1 8000-0210
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	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		.1													2	2																
74/ 73			.2	.2	.2													6	6																
72/ 71			1.4	.9														1	21	2															
70/ 69		.9	2.5	.5														36	36	4															
68/ 67	.1	2.2	2.5	1.1	.6													59	59	33	16														
66/ 65	.2	2.3	4.2	1.1	.3	.1												76	76	59	33														
64/ 63	.6	3.5	3.1	1.3	.6	.1												86	86	62	55														
62/ 61	.1	2.3	2.2	2.2	.2													70	70	74	59														
60/ 59		3.7	3.9	2.4	.1													93	93	67	62														
58/ 57		3.2	3.9	1.5	.1	.1												79	79	73	72														
56/ 55	.5	3.3	4.3	1.2	.3	.2												98	98	102	67														
54/ 53		2.8	3.2	1.1	.1	.1												73	73	94	83														
52/ 51		2.5	4.8	.6	.4													78	78	76	83														
50/ 49		2.3	3.9	1.1	.2													68	68	63	77														
48/ 47		1.4	1.9	.4	.1													36	36	82	79														
46/ 45	.1	1.8	.8	.3														28	28	53	94														
44/ 43	.1	.2	.6	.2	.1													12	12	37	39														
42/ 41		.3	.2															5	5	13	46														
40/ 39		.2	.1	.1														4	4	7	29														
38/ 37																				8	17														
36/ 35																					9														
34/ 33																				1	7														
32/ 31																					5														
28/ 27																					2														
26/ 25																					1														
TOTAL	1.8	32.6	44.1	16.8	4.1	.6												930	930		930														

Element (X)	Σx²	Σx	x̄	sₓ	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6125013	74955	80.6	9.502	930							
Dry Bulb	3185625	54725	58.9	7.131	930			12.4	.8			93
Wet Bulb	2838988	50952	54.8	7.149	930			3.9				93
Dew Point	2581179	48419	52.1	8.058	930		.8	1.8				93

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A) JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME STATION NAME 7-79 YEARS MONTH

PAGE 1 330-2500 HOURS (L.O.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL ± 31	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26		27-28	29-30	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
70/72		.2	.9	.1													11	11			
71/69		1.2	1.9	.1													28	28	0		
67/67		1.5	2.7	.5													44	44	19	19	
66/68		2.4	4.7	.1													60	60	35	21	
64/63	.1	5.2	2.7	.9	.4	.1											81	81	54	39	
62/61	.1	3.7	1.9	1.1	.4												67	67	24	62	
77/59		3.3	3.4	.6	.1												70	70	54	55	
73/57	.3	3.9	4.7	.4	.3												90	90	71	68	
57/58	.4	2.8	5.3	.9	.1												87	87	86	56	
64/53	.3	4.2	3.9	.4	.3												85	85	91	63	
60/51	.3	2.3	4.8	.3	.2												74	74	87	66	
57/47	.1	3.8	4.7	.9	.1												85	85	75	66	
47/47	.1	2.5	2.8	.2	.1												53	53	88	74	
47/45	.5	2.7	1.5	.3	.1												49	49	76	100	
44/43	.1	1.4	1.0														23	23	42	51	
47/41		.8	.6	.2													15	15	28	43	
47/39		.1	.2	.1													4	4	19	51	
38/37		.2	.1														3	3	4	14	
30/35		.1															1	1	7	12	
30/33																			1	7	
30/31																				8	
37/29																				1	
29/27																				3	
TOTAL		2.4	4.1	4.6	6.7	6.8	2.3	.1										930	930	930	

Element (X)	Σ x'	Σ x	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	6476632	77216	83.7	8.400	930	± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total
Dry Bulb	2995430	52234	56.3	7.368	930			8.3				93
Wet Bulb	2709228	49724	53.5	7.384	930			2.8				93
Dew Point	2494563	47567	51.1	8.147	930		1.2	1.8				93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 LORING AFB ME 71-79 415
STATION STATION NAME YEARS MONTH
PAGE 1 2620-1801
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
61/65						.1												1	1		
62/66						.1												1	1		
63/67				.2														2	2		
64/68			.2	.1														3	3		
65/69			.3	.9	.1													12	12	2	
66/70		.1	1.4	1.0	.4	.1												23	28	5	
67/71		1.2	2.9	1.0	.3													50	50	13	8
68/72	.1	.3	3.6	1.3	1.1	.2												60	63	34	16
69/73	.1	2.5	3.8	1.2	.9	.1												79	79	49	33
70/74	.4	3.1	3.3	3.3	.9	.1												101	102	72	47
71/75	.2	3.3	3.3	1.7	1.1													90	90	78	73
72/76		3.3	3.9	1.7	.4	.3	.1											38	38	85	69
73/77	.2	3.5	4.0	2.4	.6	.2	.1											98	98	101	77
74/78	.4	3.2	4.5	1.9	.5	.3												102	102	96	92
75/79	.2	1.6	3.2	2.4	.4													70	71	93	89
76/80		2.9	3.3	.6	.3													58	68	84	77
77/81	.6	2.6	.4	.2														36	36	81	88
78/82		1.1	.6	.2														18	18	63	80
79/83		.6	.5	.1														12	12	41	59
80/84		.4	.2															6	6	12	44
81/85			.1																	10	33
82/86		.1																1	1	3	20
83/87		.1																1	1	1	10
84/88																					9
85/89																					6
86/90																					1
TOTAL	1.727	141.920	27.2	7.2	1.6	.2												929	930	929	929
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5917551	73561	79.7	10.106	929	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	Total									
Dry Bulb	3363772	55556	59.7	6.723	929			15.7	1.9	.2		93									
Wet Bulb	2960019	52076	56.1	6.634	929			5.4	.2			93									
Dew Point	2676550	49370	53.1	7.548	929			.1	2.4			93									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOSING AFS M. 72-79 YEARS AUG
MONTH

PAGE 1 9000-111.6
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
91																														1	1					
89																															1	1				
87																															1	1				
85											.2	.1																		3	3					
83											.4																			4	4					
81						.1	.4	.2	.4	.4																			15	15						
79					.4	.6	.4	.4	.4	.2																			20	20						
77				.2	.3	.5	1.3	.5	.4																				32	32						
75				.6	2.4	.8	1.5	.5	.3																				58	58	7					
73		.1	.3	1.9	1.6	1.5	.4	.4																					59	59	19					
71		.5	1.1	1.5	1.7	2.5	.9	.2																					76	76	12	11				
69		.2	2.8	2.3	2.7	2.2	.6	.1																					98	98	38	18				
67		.5	2.0	2.0	1.7	1.7	1.2	.2	.1	.1																			90	90	74	23				
65		1.6	1.4	2.4	1.9	2.3	1.3	.2	.3																				106	106	88	43				
63		1.4	2.3	2.5	1.7	2.0	.6	.6																					104	104	103	86				
61	.1	1.3	2.0	1.6	3.2	1.1	.9	.4																					98	98	95	68				
59	.1	1.2	2.3	1.5	1.3	.9	.3																						70	70	100	73				
57	.8	1.1	1.2	1.2	.6	.1																							45	45	99	106				
55	.5	.8	.6	.3	.2																								22	22	56	86				
53	.6	1.1	.8																										22	22	87	65				
51	.1	.3																											4	4	6	77				
49																															40	73				
47																															16	64				
45																															2	44				
43																																26				
41																																23				
39																																15				
37																																15				
35																																6				
33																																5				
31																																1				
TOTAL	.2	8.8	17.7	19.5	21.5	17.9	9.8	4.6	.9	.2																			929	929	929					
																														929	929					
Element (%)	Z _x	Z _y	Z _z	Z _w	Z _v	Z _u	Z _t	Z _s	Z _r	Z _q	Z _p	Z _o	Z _n	Z _m	Z _l	Z _k	Z _j	Z _i	Z _h	Z _g	Z _f	Z _e	Z _d	Z _c	Z _b	Z _a	Mean No. of Hours with Temperature									
Rel. Hum.	4328031	62069	66.8	13.8	3																							929	≥ 0 F	≥ 32 F	≥ 7 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb	41975	26	62130	66.9	6.7	2																						929			45.8	19.4	3.4		93	
Wet Bulb	33756	3	557	60.0	6.2	0																						929			15.0	2.6			93	
Dew Point	28650	7	510	55.0	7.9	0																									.1	5.2			93	

USAFETAC FORM 84 0-26-5 (C-1-A) REVISED INSTRUCTIONS OF THIS FORM ARE CALCULATE

JETCAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 4423 LONG AFB ME STATION NAME 7-79 YEARS MONTH 7-79
 PAGE 1 1501-1700
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																	
9/ 93																																	2	2				
9/ 92																																		7	7			
9/ 89																																		4	4			
8/ 87																																			2	2		
8/ 81																																			15	15		
8/ 83																																			36	36		
7/ 81																																			54	54		
7/ 79																																			38	38		
7/ 77																																			61	61	2	
6/ 75																																			89	89	11	
6/ 73																																			61	61	7	2
6/ 71																																			77	77	34	5
6/ 69																																			84	84	53	15
6/ 67																																			96	96	67	30
6/ 65																																			93	93	67	55
6/ 63																																			78	78	103	49
6/ 61																																			47	47	112	54
6/ 59																																			33	33	93	58
5/ 57																																			23	23	87	64
5/ 55																																			13	13	97	100
4/ 53																																			5	5	74	92
4/ 51																																			3	3	44	60
5/ 49																																			3	3	33	59
5/ 47																																					5	61
4/ 45																																				1	64	
4/ 43																																					36	
4/ 41																																					27	
4/ 39																																					17	
3/ 37																																					19	
2/ 35																																					9	
3/ 33																																					11	
3/ 29																																					2	
2/ 27																																					1	
Element (A)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																										
Rel. Hum.						$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total																										
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

FEDERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 1-25 LORING AFB MD DATE: 7-79 YEAR: MONTH:

PAGE 1 1876-2803
HOURS (T, S, T, 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													
65/ 87						.1	.1	.1																								3	3	
64/ 85																																1	1	
63/ 83					.1	.1	.1	.1																								4	4	
62/ 81				.1	.2	.2	.2	.1	.4																							11	11	
61/ 79			.1	.2	.5	.3	.3																									19	19	
7-/ 77				.3	1.2	.4	.4	.2	.1																							28	28	
60/ 75			.1	.2	.5	.9	.3	.4	.2	.1																						26	26	
74/ 73		.1	.4	1.4	.6	1.5	1.1	.5																								53	53	
72/ 71		.4	1.3	1.8	1.5	1.7	1.4	.3	.1																							60	60	
71/ 69	.1	.9	3.2	.8	2.1	1.2	.4	.1	.3																							82	82	
69/ 67		.5	1.3	1.2	2.4	1.4	1.1	.1	.1	.1																						77	77	
68/ 65	.1	1.1	2.4	2.2	2.5	1.1	.8																									90	90	
64/ 63		1.3	3.2	2.3	2.4	2.5	.8	.1	.1																							122	122	
60/ 61		.9	2.5	2.2	2.7	1.1	.1	.2																								92	92	
61/ 59		1.6	1.7	2.6	1.1	1.1	.5																									73	73	
60/ 57		1.2	1.3	2.2	1.4	.9	.2																									66	66	
59/ 55		.6	1.3	.8	.8	.6																										39	39	
64/ 53		1.1	1.5	.5	.4	.2																										35	35	
60/ 51		.1	.5	.8	.2																											15	15	
59/ 49		.4	.5	.2	.1																											12	12	
66/ 47		.1	.1	.2																												4	4	
66/ 45																																39	66	
64/ 43																																20	71	
62/ 41																																3	25	
61/ 39																																7	32	
35/ 37																																	19	
60/ 35																																	8	
34/ 33																																	11	
62/ 31																																	1	
62/ 29																																	1	
TOTAL	.210	.420	.820	.220	.215	.1	7.6	3.7	1.6	.2																					930	930	930	

Element (X)	Σx'	Σx	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature																												
						± 0 F	± 32 F	± 67 F	± 73 F	± 80 F	± 93 F	Total																						
Rel. Hum.	4451794	62064	67.7	14.234	930																													
Dry Bulb	4203826	60646	65.2	7.267	930			38.4	13.5	2.7																								93
Wet Bulb	3239224	54550	58.7	6.529	930			12.2	1.0																									93
Dew Point	2744166	49954	53.7	8.130	930			2	4.6	.2																								93

FEDERAL BUREAU OF SURVEY
 U.S. DEPARTMENT OF COMMERCE
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 03 MONTH NOVEMBER YEARS 71-72 PAGE 1

2100-2300 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												
77/79				.2		.2	.1											2	2														
77/77				.3	.3	.5												5	5														
76/75			.3	.3	.5													13	13														
74/73			.6	.4														10	10	1													
73/71		.4	1.6	.9	.5													34	34	7													
71/69		.4	3.2	1.5	1.7	.2	.1											63	65	12	5												
70/67		1.7	2.5	.9	1.7	.5	.2											71	71	39	18												
68/65	.3	1.9	1.9	2.7	1.4	.5	.1											82	82	66	42												
67/63	.6	1.6	3.6	3.2	1.2	.3	.1											97	97	57	52												
65/61		2.6	2.3	2.4	1.1	.4		.2										80	89	61	56												
64/59		3.3	4.7	2.3	.5		.1											93	93	106	56												
63/57		2.3	2.6	2.8	.9	.1	.1											81	81	111	68												
62/55		1.4	4.1	3.3	.3	.1												86	86	93	93												
61/55		1.5	3.3	2.5	1.1	.1												75	75	75	62												
60/51	.1	1.6	2.6	.6	.5	.1												53	53	80	73												
60/45		.5	1.3	1.1	.2													29	29	77	73												
59/47	.2	.9	1.8	.5	.1													31	31	59	66												
48/45		.4	.2	.5														11	11	35	72												
44/43			.2	.1														3	3	28	41												
42/41																				2	31												
40/39																				0	18												
38/37																					17												
37/35																					21												
35/32																					7												
27/31																					4												
TOTAL	1.122	.535	.426	.512	.5	3.2	.9	.2											929	929	929												

Element (X)	$\sum X'$	$\sum X^2$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5491487	70654	76.11	1.202	929	= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	34425711	56181	60.5	6.967	929			19.0	3.7	.1		97
Wet Bulb	2975566	52148	55.1	6.835	929			5.9	.1			97
Dew Point	2637148	45938	52.7	7.986	929			2.3				97

USAFETAC FORM 0-26-5 (OLA) 701 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LOPING AFB ME 70-79 YEARS ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
94/93											.1							5	5																
92/91											.1							11	11																
91/89					.2					.1	.1							9	9																
88/87						.1	.1	.1	.1	.1	.1							23	23																
86/85					.1	.1	.1	.1	.1	.1	.1							49	49																
84/83					.1	.1	.1	.2	.2	.2	.1	.1						66	66																
82/81				.1	.1	.2	.3	.3	.5	.2	.3	.3						124	124	1															
81/79				.1	.2	.3	.3	.4	.5	.2	.1	.3	.3					133	133		1														
78/77			.3	.2	.5	.5	.5	.5	.5	.3	.3							198	198	0															
77/76			.2	.4	1.2	.5	.7	.8	.3	.1								273	273	31	1														
74/73		.3	.3	1.0	.6	.7	.6	.3	.2									276	276	51	8														
73/72		.3	1.1	1.0	.8	.9	.7	.4	.2									413	413	98	27														
70/69	.1	.7	2.4	.9	1.1	.8	.6	.4	.2	.3	.3							533	533	239	76														
67/67	.1	.9	2.2	1.1	1.2	.9	1.1	.4	.2	.1								587	587	434	123														
66/65	.1	1.6	2.5	1.5	1.1	.7	.8	.3	.3									661	661	549	327														
64/63	.2	2.2	2.5	2.1	1.2	1.1	.4	.3	.1									753	753	634	431														
62/61	.1	2.0	2.1	1.6	1.4	.5	.4	.1										609	609	712	504														
60/59	.1	2.1	2.6	1.5	.6	.3	.2	.1										539	541	700	571														
58/57	.1	1.9	2.4	1.5	.6	.2	.1											501	501	725	661														
56/55	.2	1.6	2.7	1.2	.3	.2												462	462	735	662														
54/53	.1	1.6	2.1	.9	.3	.1												372	373	683	649														
52/51	.1	1.2	2.1	.4	.2	.3												297	297	555	631														
51/49		1.3	1.6	.4	.1													233	233	451	567														
48/47		.7	.9	.2	.1													142	142	358	569														
45/45	.1	.7	.4	.2	.1													100	100	231	573														
44/43		.3	.3	.1	.1													44	44	122	298														
42/41		.1	.1	.1	.1													20	20	62	253														
41/39		.1	.1	.1	.1													9	9	34	134														
38/37		.1	.1															4	4	13	123														
36/35		.1																1	1	8	88														
34/33																				2	57														
32/31																					25														
31/29																					5														
28/27																					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 0-26-5 (OL A) JUL 64 REVISIONS PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5500

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LOPING AFB ME 70-79 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 Point
1/25																					1
TOTAL	1.7	19.0	28.4	16.9	11.3	8.2	6.5	4.8	3.0	1.0	.3	.1						7435	7435	7435	

Element (X)	ΣX^2	ΣX	X	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	39570376	528776	71.1	15.961	7435	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	33643980	472727	63.6	8.981	7438			268.9	115.5	33.2	.5	744
Wet Bulb	25118173	428907	57.7	7.216	7435			86.2	9.1	.1		744
Dew Point	21596383	396769	53.3	8.163	7435		3.7	30.0	1.5			744

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORINC AFB MS 11-79 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 0000-0200
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL D.B./W.B.	TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28		29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point	
70/ 71			.2															3	3			
71/ 69	.3		.1															4	4	5	3	
68/ 67			.1	.1	.1													3	3		3	
66/ 58	.1	.4	.4	.2	.2													13	13	3	1	
64/ 60	.3	1.2	.8	.3	.2													26	25	14	8	
62/ 55	.2	1.4	1.4	.2	.1													31	31	15	14	
61/ 59	.1	3.3	2.2	.2														53	53	29	13	
60/ 57		.8	2.7	.3														34	34	47	35	
58/ 56		2.4	4.4	.9	.2													72	72	34	28	
54/ 53	.3	3.2	3.1	1.1														70	70	62	28	
52/ 51	.3	2.8	5.0	.6	.1													79	79	68	58	
51/ 47	.1	2.6	6.5	.6														87	87	67	53	
49/ 47		3.8	4.9	.2														80	80	99	52	
48/ 45	.1	4.2	4.4	.3														82	82	90	50	
44/ 43		2.7	3.6	.1	.2													59	59	73	67	
42/ 41		2.9	3.8	.2														62	62	76	64	
39/ 39	.2	1.7	3.1															45	45	53	71	
38/ 37	.1	1.8	2.8															42	42	48	61	
38/ 35		1.4	1.4															26	26	44	45	
37/ 33		1.3	.6															17	17	37	35	
72/ 31	.1	.6	.2															8	9	25	48	
71/ 29	.1	.2																3	3	8	37	
70/ 27																				1	24	
70/ 25																					6	
70/ 23																					6	
TOTAL		2,638	851.9	5.5	1.2														899	899	899	
Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total										
Rel. Hum.	5936564	72702	82.9	7.979	899	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	> 80 F	≥ 93 F	Total										
Dry Bulb	2235418	44244	49.2	8.196	900		1.2	1.0				9.0										
Wet Bulb	1996262	41732	46.4	8.109	899		3.4	.6				9.0										
Dew Point	1773870	39118	43.5	8.938	899		12.1	.6				9.0										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM 0-26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB ME 77-79 SEP
 STATION STATION NAME YEARS MONTH
 PAGE 1 7300-0500
 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															
72/71			.2																														2	2			
71/69			.1																														1	1			
68/67	.1																																1	1	4	1	
67/65	.3	.5	.6	.1	.1																												15	15	5	7	
64/63	.2	1.0	1.7	.4																													24	24	15	12	
62/61	.1	1.8	.9	.2																													27	27	8	5	
59/59		2.8	1.1	.4																													39	39	27	13	
58/57	.2	1.9	2.1																														36	36	47	27	
55/55		2.7	2.8	.3																													52	52	30	33	
54/53		3.2	4.7	.2																													73	73	56	37	
51/51	.1	3.8	3.7	.2																													64	64	58	54	
49/48		3.9	5.3	.2																													85	85	81	51	
47/47	.2	6.3	2.9	.2																													84	84	65	76	
45/45		4.7	2.6	.2																													67	67	99	61	
44/43	.1	4.1	3.1	.2																													68	68	74	72	
42/41	.2	3.7	3.3	.1	.1																												67	67	62	61	
40/39	.1	3.9	1.9	.3																													56	56	56	70	
38/37		2.4	1.7	.1																													38	38	61	63	
36/35	.2	2.9	1.1																														38	38	42	60	
34/33		3.1	.8																														35	35	42	37	
32/31	.2	1.3	.4																														18	18	40	39	
30/29	.2	.6	.1																														8	8	17	53	
28/27	.1	.1																															2	2	6	27	
26/25																																				11	
24/23																																				9	
22/21																																				2	
TOTAL		2.654	2.239	.6	3.4	.2																												950	950	900	900
Element (X)	Σx ²	Σx	\bar{x}	s _x	No. Obs.	Mean No. of Hours with Temperature																															
Ref. Hum.	6235258	74630	82.9	7.213	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	2114496	42936	47.7	8.579	900		2.8	.4				90																									
Wet Bulb	1913266	40788	45.3	8.487	900		6.5	.4				90																									
Dew Point	1722069	38487	42.8	9.209	900		14.1	.1				90																									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1423 LORING AFB ME 71-79 YEARS SEP MONTH
STATION STATION NAME YEARS MONTH
PAGE 1 7697-0886 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																	
70/75				.1																												1	1				
71/73		.1	.1																														2	2			
72/71			.1																														1	1	1	1	
73/69			.3																														3	3	2		
69/67		.2	.7	.1																													9	9	4	1	
68/65	.1	.7	.6	.6	.1																												18	18	7	7	
64/63	.3	1.2	.4	.4																													22	22	18	18	
62/61	.1	2.2	1.2	.6	.1																												35	33	15	17	
59/59		1.7	1.6	.6	.2	.1																											37	37	37	11	
57/57	.3	2.1	2.7	.6																														51	51	39	33
56/55	.1	2.6	2.7	1.0	.2																													59	59	37	33
54/53	.2	4.0	4.2	1.1																														86	86	63	41
51/51	.2	2.7	6.2	1.1																														92	92	61	57
49/49	.2	3.2	6.3	.9	.1																													97	97	91	47
47/47		3.2	3.1	.1																														58	58	96	72
45/45		4.1	3.9	1.0																														81	81	95	97
44/43		3.3	3.3	1.0	.2																													71	71	72	75
42/41	.2	3.1	3.3	.6																														65	65	67	81
40/40		1.3	2.3	.3																														40	40	62	78
38/37		1.7	1.0																															24	24	55	54
36/35	.1	1.1	.9	.1																														20	20	35	35
34/33	.1	1.4	.4																															18	18	24	51
32/31		.6																																5	5	19	37
31/22		.1																																1	1	5	28
29/27		.1																																1	1	2	22
27/25																																					5
24/23																																				5	
TOTAL		2.141	2.65	4.10	.1	1.0	.1																											900	900		900
Element (X)	Zx'	Zx	X	X	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	5626386	72434	80.5	8.615	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total																									
Dry Bulb	2291615	44833	49.8	8.052	900		.7	1.6	.3			97																									
Wet Bulb	2043170	42274	47.0	7.998	900		2.6	.7				97																									
Dew Point	1812202	39586	44.0	8.889	900		9.7	.2				97																									

5102 FORM JUL 64 USAFETAC 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14223 LORING AFB ME STATION STATION NAME

77-79 YEARS

SEP MONTH

PAGE 1 0987-1149 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					
91/91						.1															1	1			
79/79						.1															1	1			
77/77					.1	.1															4	4			
75/75			.1	.4	.4																9	9			
73/73				.7	.2																9	9			
71/71				.3	.3	.4	.2														12	12	5		
69/69			1.0	.3	.3	.4	.4	.3	.1												27	27	5	2	
67/67			.6	.7	.5	.2	.1	.3													22	22	14	3	
65/65		.6	.2	.6	.5	.9	.6	.1													31	31	13	10	
64/64		1.3	1.3	1.4	1.4	1.4	.4	.4													71	71	19	21	
62/62	.1	2.0	.8	1.2	1.2	1.1	.7														69	69	36	14	
61/61		2.0	2.0	1.8	1.4	1.5	.1														85	80	42	37	
59/59	.2	1.2	1.2	2.6	2.0	1.7	.1														93	93	56	33	
58/58		2.2	2.2	3.0	3.0	.5															101	101	75	45	
56/56	.2	1.2	3.1	2.9	2.0	1.0															93	93	88	43	
54/54		.7	2.1	1.4	2.8	.4															67	67	95	51	
52/52	.2	.9	3.2	2.4	1.4	.7	.1														81	81	110	63	
48/48		2.7	2.1	1.3	1.6	.3															66	66	85	73	
46/46		.7	.9	1.3	1.2	.2															39	39	94	99	
44/44		.3	.7	.6	.1	.2															17	17	66	71	
42/42		.2	.1	.2																	5	5	36	76	
40/40																							39	83	
38/38																							14	53	
36/36																							5	35	
34/34																								1	31
32/32																									26
30/30																									24
28/28																									4
26/26																									8
24/24																									3
22/22																									1
20/20																									2
18/18																									2
TOTAL		.8	15.4	22.2	23.4	22.6	11.5	2.9	1.1	.2											898	898	898	898	
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total													
Rel. Hum.	4316737	60951	67.9	14.155	898	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F														
Dry Bulb	2924626	53326	56.6	7.309	898			8.5	2.4	.1		9"													
Wet Bulb	2381135	45833	51.0	7.577	898			2.4				9"													
Dew Point	1939889	40957	45.6	8.951	898		6.2	.5				9"													

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

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 71-79 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															
84/ 83							.1	.2																								3	3			
82/ 81						.2	.3																									5	5			
80/ 79					.3	.6	.2	.2																								12	12			
78/ 77					.7	.2	.3	.2	.1																							14	14			
76/ 75				.3	.7	.1	.2	.3	.1																							16	16			
74/ 73				.2	.7	.4	.7	.7	.2																							20	20			
72/ 71				.2	.6	.3	1.1	.4	.8	.3																						33	33	11		
70/ 69			.3	.7	.1	.4	.8	1.2	.6																							37	37	16		
68/ 67			.4	.4	.4	1.3	1.8	.4	.1																							42	42	13	9	
66/ 65		.4	1.0	1.3	1.5	.8	1.7	.9	.1																							56	56	12	12	
64/ 63		1.7	1.4	1.3	1.1	2.7	1.9	1.3	.1																							101	101	29	22	
62/ 61		.1	1.1	.8	.8	1.3	2.8	2.0	.2																							82	82	36	24	
60/ 59		.9	.8	1.3	2.5	2.6	1.1	.3																								85	85	57	28	
58/ 57		1.1	1.1	2.3	2.2	2.3	1.1																									92	92	67	39	
56/ 55		1.4	1.9	2.1	2.2	2.8	.9	.2																								104	104	87	30	
54/ 53		.9	1.1	1.4	1.9	1.4	1.1	.2																								73	73	93	41	
52/ 51		.3	1.2	1.0	1.2	1.2	.4																									49	49	113	63	
50/ 49		.9	1.4	.3	1.1	.2																										36	36	105	44	
48/ 47		.4	1.6	.1	.3	.2																										24	24	84	73	
46/ 45		.2	.8	.1																												10	11	78	92	
44/ 43			.1			.1																										2	2	39	77	
42/ 41																																			33	79
40/ 39			.1																													1	1	14	72	
38/ 37																																		3	47	
36/ 35																																			1	42
34/ 33																																				36
32/ 31																																				29
30/ 29																																				16
28/ 27																																				10
26/ 25																																				7
24/ 23																																				3
22/ 21																																				3
20/ 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																									
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME 76-79 YEARS SFP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
TOTAL	.1	0.5	1.3	4.1	4.5	17.8	23.7	14.8	6.0	2.6	.6								897	898	897	897													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	343892	53616	59.8	16.166	897	≤ C F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	3343986	54358	60.5	7.728	898			18.2	7.0	1.1		90																							
Wet Bulb	2546040	47.00	52.8	6.960	897			3.9				90																							
Dew Point	1942457	40.99	45.6	9.310	897		6.9	.9				90																							

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

GLOBAL CLIMATOLOGY BRANCH
 WAFB/TAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 DORING AFB ME 75-79 YEARS SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	Dry Bulb	Wet Bulb	Dew Point															
84/ 83							.1		.1									2	2																
83/ 81						.2	.2	.2	.2									8	8																
82/ 79			.2		.2	.1			.1									7	7																
81/ 77				.1	.2	.3	.1	.1										6	6																
80/ 75		.1	.4	.6	.2	.2	.2	.3										19	19																
79/ 73			.3	.1	.6	.6	.6	.2	.2									23	23																
78/ 71			.7	.1	.4	1.2	.3	.4	.2									33	33	5															
77/ 69		.3	.5	.1	.3	.8	.9	.4	.1									32	32	9	3														
76/ 67	.2	.5		.6	.8	.9	.2	.3										32	32	15	5														
75/ 65	.7	1.3	1.3	1.7	1.2	1.2	1.2											74	74	24	9														
74/ 63	1.7	1.7	.3	.9	2.2	1.7	.9	.1										79	79	24	21														
72/ 61	.2	1.0	.7	1.3	1.4	1.6	2.4	.4	.1									83	83	43	22														
71/ 59	.8	1.8	.9	1.4	3.1	1.7	.3											90	90	59	39														
70/ 57	.4	1.6	1.6	3.2	1.9	1.9												94	94	56	27														
69/ 55	.1	.7	2.7	1.6	2.7	2.1	1.2	.2										95	95	73	38														
68/ 53	.2	1.2	1.5	1.7	2.1	2.7	1.2	.3										88	88	97	23														
67/ 51	1.3	1.8	1.3	1.2	1.1													58	58	105	65														
66/ 49	.1	1.2	.8	.4	.7	.1												30	30	120	62														
65/ 47	.7	.9	.3	.2	.3	.1												23	23	86	61														
64/ 45	.2	.1	.7	.3														12	13	75	87														
64/ 43	.1	.2	.3	.1														7	7	54	66														
62/ 41	.1	.1																2	2	27	78														
61/ 39																				19	88														
60/ 37																			9		85														
60/ 35																				1	42														
60/ 33																					32														
52/ 31																					45														
51/ 29																					15														
50/ 27																					14														
50/ 25																					3														
50/ 23																					5														
52/ 21																					4														
51/ 19																					2														
Element (X)	Σ X'	Σ X	X	%	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAF/TAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
 JUL 64

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-023 LORING AFB ME 70-79 SEP
 STATION STATION NAME YEARS MONTH

PAGE 2 1530-1700
 HOURS (L. S. T.)

Temp. (F)	WET GULB 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	.7	8.3	15.5	14.3	16.3	19.1	15.4	6.5	2.6	.6	.1							899	0	0	899														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	3474128	53780	59.8	16.9	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	99																							
Dry Bulb	3309006	54123	60.1	7.724	930			15.4	6.7	1.1		99																							
Wet Bulb	2517252	47156	52.5	6.979	899			3.2	.3			99																							
Dew Point	1915983	40617	45.2	9.491	899		5.3	.3				99																							

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1823 STATION LOPING AFB ME STATION NAME 7-79 YEARS SEP MONTH
PAGE 1 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
72/77																		2		2															
75/75				.1		.1	.1	.1										4		4															
74/73			.1	.2	.2	.1	.1											7		7															
72/71			.6	.6	.1	.1												12		12		1													
71/69		.1	.7	.6	.2	.3	.2											25		20		4													
67/67		.1	.7	.6	.2	.4												19		19		13													
66/65		.9	.3	.7	.4	.3	.2											26		26		14													
64/63		1.4	.8	.7	1.1	.8	.3											47		47		23													
62/61		1.4	1.6	1.8	1.3	.7	.1											66		66		23													
61/59		1.9	1.4	1.6	1.3	.7	.2											65		65		35													
57/57	.2	1.4	2.7	2.3	1.4	.4												74		74		55													
55/55		1.1	4.1	2.4	2.4	.6												96		96		56													
53/53	.2	1.3	2.8	3.8	1.4	.1	.1											85		85		90													
52/51		1.3	3.2	3.7	1.6	.2												88		88		77													
51/49		.8	4.4	3.9	1.7	.2												93		93		85													
48/47		1.9	2.1	2.4	1.3													67		67		93													
47/45		.4	1.9	2.0	.9													46		46		103													
44/43		1.3	1.2	1.4	.2													35		35		76													
42/41		.7	.9	1.7	.1													24		24		51													
41/39		.1	.4	1.7														14		14		40													
38/37		.3	.4	.3														10		10		24													
35/35																						12													
33/33																						13													
32/31																						1													
29/29																						18													
28/27																						18													
26/25																						8													
26/23																						5													
22/21																						2													
TOTAL		.416	.035	.132	.715	.7	5.0	1.6	.3	.1										900		900													
Element (X)	Z _{x'}	Z _x	X	x ₂	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	4636071	63575	77.6	12.709	900	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb	2332374	49104	54.6	7.697	900			6.4	1.3			97																							
Wet Bulb	2272432	44716	49.7	7.513	900			.1	1.8			90																							
Dew Point	1684920	40366	44.9	9.101	900			7.8	.6			90																							

USAFETAC FORM 311 64 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME 70-79 SEP
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	Dew Point																
74/73			.1	.1																											2	2				
75/72			.2																												2	2				
76/69	.1	.1	.8																											9	9	5	1			
77/67		.2	.6		.1																									8	8	6	4			
78/65		.2	.8	.6	.3	.1																								18	18	4	6			
79/62	.1	1.4	.6	.7																										25	25	21	10			
80/61	.3	1.1	1.8	1.2	.4	.2																								45	45	13	19			
81/59		2.8	1.7	1.9	.1																									58	58	28	9			
82/57		1.9	2.3	1.7	.6	.1																								59	59	46	33			
83/55		2.7	3.1	1.9	.6																									74	74	63	37			
84/53	.4	2.0	3.8	2.3	.1																									78	78	53	40			
85/51	.1	1.6	6.3	2.1	.2																									93	93	76	65			
86/49		1.6	5.2	1.3	.2																									75	75	75	57			
88/47		3.3	5.4	2.2	.3																									99	99	174	49			
89/45		1.7	3.4	1.7	.2																									63	63	88	93			
90/43		1.0	3.1	1.1	.1																									48	48	75	75			
92/41		1.7	2.9	1.1	.1																									52	52	70	92			
93/39		1.7	2.9	.6																										46	46	44	65			
95/37		.8	1.9	.3																										27	27	62	58			
96/35		.3	.8	.2																										12	12	29	39			
98/33		.1	.4																											5	5	25	51			
99/31			.1																											1	1	9	40			
3/29																																	4	22		
28/27																																		15		
18/25																																		10		
8/23																																		2		
22/21																																		1		
TOTAL		1.1	25.8	48.2	21.0	3.4	.4																											900		

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5417830	69262	77.6	9.870	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	2405291	45993	51.1	7.814	900		.1	2.1	.2			9
Wet Bulb	295821	42853	47.6	7.850	900	1.1	1.1					9
Dew Point	1816030	39600	44.0	9.050	900		9.7	.5				90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIA WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 LORING AFB ME 70-79 000
 STATION STATION NAME YEARS MONTH
 PAGE 2 ALL
 HOURS U.S. T.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B. Dry Bulb	Wet Bulb	Dew Point	TOTAL												
TOTAL	1.3	25.2	33.3	315.4	9.7	7.1	4.4	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	7193	7196	7193	7193	7193	7193										

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						= 0 F	= 32 F	= 47 F	= 73 F	= 80 F	= 93 F	
Rel. Hum.	39351894	52.950	72.415	0.19	7193							
Dry Bulb	21356812	386422	53.7	9.178	7196		4.8	54.6	17.9	2.3		722
Wet Bulb	17765378	352762	49.0	8.092	7193		13.9	18.1	.3			722
Dew Point	14887420	319630	44.4	9.156	7193		75.8	8.2				722

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME 70-79 OCT
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		
64/ 63		.1																1	1				
62/ 61		.5	.3	.2		.1												11	11				
6 / 59		1.6	.2	.1														18	19	12	1		
56/ 57		.2	.1															3	3	14	12		
56/ 55	.3	2.8	.3	.3														35	35	11	17		
54/ 53	.2	1.6	.8															24	24	36	23		
52/ 51	.9	1.6	.9		.2													33	33	22	27		
5 / 49	.9	1.6	.9	.8														38	38	37	22		
48/ 47	.6	2.9	2.7	.8	.2	.1												63	63	28	28		
48/ 45	.1	2.9	2.5	.3	.2													56	56	46	36		
44/ 43		2.7	3.3	.5														61	61	49	22		
42/ 41		3.6	3.2	.2	.6													75	75	61	29		
4 / 39	.4	3.1	3.9	.5	.1													75	75	72	60		
38/ 37	.3	3.0	3.5	.6	.1													70	70	70	64		
36/ 35	.1	3.3	3.5	1.3														76	77	68	55		
34/ 33	.1	3.6	4.7	.4														81	81	85	45		
32/ 31	.3	3.6	4.7	1.6														95	95	76	76		
3 / 29		2.7	2.9															52	52	93	71		
29/ 27	.2	1.7	1.1	.2														23	23	61	67		
26/ 25	.1	1.6	.6															14	14	39	48		
24/ 23	.1	.9																9	9	25	55		
22/ 21		.8	.1															8	8	12	37		
2 / 19		.6																6	6	7	45		
18/ 17																				6	28		
16/ 15																					24		
14/ 13																					19		
12/ 11																					2		
10/ 9																					4		
TOTAL	4.9	46.0	39.2	8.3	1.5	.2												927	928	927	927		

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5659792	71576	77.2	11.995	927							
Dry Bulb	1559195	37138	40.0	8.871	928		20.7					93
Wet Bulb	1369551	34625	37.4	9.074	927		31.8					93
Dew Point	1135415	30826	33.3	10.916	927		47.8					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFS ME 71-79 927
 STATION STATION NAME YEARS MONTH
 PAGE 1 0300-0500
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	< 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 51		.4	.2															6	6		
61/ 59		1.4	.1															14	14	6	
60/ 57	.1	.5	.2	.1														9	9	17	12
59/ 55	.2	1.1	.1	.1														14	14	6	16
58/ 53	.3	2.7	.6	.2														36	36	24	7
57/ 51	1.2	2.5	.9															41	41	36	38
56/ 49	.3	1.7	1.7															26	28	36	22
55/ 47	.8	2.4	1.2	.9	.1													49	49	26	38
54/ 45	.6	3.1	1.4	.4	.3													54	54	41	27
53/ 43		3.3	2.4	.2	.2													57	57	39	26
52/ 41		3.5	3.0	.3	.4													67	67	60	26
51/ 39		4.3	2.6	.4														68	68	58	51
50/ 37	.8	5.0	3.2	.5														98	98	73	61
49/ 35		4.6	2.6	.4														71	71	75	61
48/ 33	.3	4.0	2.5	.1														64	64	94	64
47/ 31	.1	5.5	4.3	.9														100	100	67	55
46/ 29	.2	4.4	2.9	.2														72	72	85	77
45/ 27		2.4	1.2	.3														36	36	74	75
44/ 25	.1	.9	.5															14	14	49	39
43/ 23	.1	1.5																15	15	19	62
42/ 21	.2	.9																10	10	20	53
41/ 19		1.0																9	9	10	23
40/ 17		.5																5	5	7	31
39/ 15																				5	32
38/ 13																					13
37/ 11																					5
36/ 9																					7
TOTAL	5.4	57.5	30.9	5.2	1.1													927	927		927

Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature					Total	
Rel. Hum.	5941747	73487	79.3	11.199	927	$\leq 0 F$	$\leq 32 F$	$\leq 67 F$	$\leq 73 F$	$\leq 80 F$	$\leq 93 F$	Total
Dry Bulb	1477567	36047	36.9	9.051	927		26.2					93
Wet Bulb	131878	33912	36.6	9.189	927		33.7					93
Dew Point	1110714	30464	32.9	10.878	927		48.0					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-23 STATION LORING AFB ME STATION NAME 75-79 YEARS OCT MONTH
 PAGE 3 2600-PRC0 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
47/53		.1	.1	.1														3	3																
52/51		.2	.3															5	5	1															
57/59		.8	.1															8	8	6	1														
57/57		.3	.5	.2														17	10	10	0														
57/55		1.2	.2	.1														14	14	5	9														
64/53	.4	2.4	1.0	.2														37	37	26	12														
62/51	1.3	3.4	.9	.3														55	55	39	36														
67/48	.1	2.2	1.6	.1	.1													38	38	45	35														
48/47	.2	2.5	.6	.2	.1													62	34	31	36														
55/45	.2	3.3	1.8	1.2	.1													62	62	47	32														
44/43	.3	3.3	2.0	.4	.2													59	59	35	33														
42/43	.1	3.7	2.8	1.4	.1													75	75	55	39														
47/39	.4	3.3	3.3	.8	.1													74	74	69	49														
38/37	.4	4.4	3.7	1.5														93	93	76	49														
37/33	.2	3.6	3.8	1.1														80	80	85	55														
34/33	.5	3.7	2.9	.8														73	73	85	68														
32/31		5.4	2.9	.3														80	80	87	70														
37/29	.4	3.3	1.8	.2														54	54	76	67														
28/27	.1	1.5	1.3															27	27	56	82														
26/25	.1	.5	.5															11	11	41	51														
24/23		1.3	.4															16	16	13	50														
22/21	.2	.9																17	17	13	45														
27/19	.1	.5																6	6	11	30														
18/17	.1	.3																4	4	7	26														
16/15																				1	25														
14/13																					12														
12/11																					5														
11/9																					1														
5/7																					1														
9/5																					1														
TOTAL	5.4	52.2	32.8	8.9	.8													928	928	928	928														

Element (X)	Σx^2	Σx	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5915628	73288	79.0	11.740	928	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	1526552	36742	39.6	8.804	928		20.8					93
Wet Bulb	1354929	34485	37.2	8.901	928		31.3					93
Dew Point	1139923	31011	33.4	10.573	928		46.7					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LOPING AFB ME 71-79 0CT
 STATION STATION NAME YEARS MONTH
 PAGE 1 0900-1100
 HOURS (L. S. Y.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71				.2	.2	.2												6	6		
71/ 69						.1												1	1		
69/ 67			.3	.1	.2	.1												7	7		
66/ 65				.2		.3												5	5	2	
64/ 63		.1	.1	.3	.2	.1	.1		.1									12	12	5	1
62/ 61		.1	.4	.4	.3	.1	.1			.1								14	14	6	4
61/ 59		.6	.9	.2	.4	.2	.1											23	23	7	3
59/ 57		.6	.5	.6	.2	.1												20	20	23	5
56/ 55	.2	1.3	.8	1.0	.5	.5												40	40	20	26
54/ 53	.6	1.5	.6	.3	.4		.5											38	38	31	18
52/ 51	.4	1.4	2.6	.8	1.4	.3												64	64	40	32
51/ 49	.1	1.7	1.7	1.7	.6	.9												63	63	45	26
48/ 47		1.9	1.3	2.0	1.7	.5												70	70	44	31
46/ 45	.2	3.0	2.9	2.2	1.6	.9												100	100	58	50
44/ 43		2.7	2.6	2.8	2.4	.2												93	93	74	38
42/ 41		1.7	3.1	2.3	2.2	.2												93	93	73	40
41/ 39	.1	1.8	4.1	2.4	.9													86	86	91	55
38/ 37	.6	.6	3.3	1.6	.5													63	63	97	60
36/ 35	.4	.8	3.3	1.4	.2													54	54	103	61
34/ 33	.2	1.5	1.3	1.1														35	35	82	59
32/ 31		.3	.9	.5	.1													16	16	58	74
31/ 29			1.0		.1													16	16	26	66
28/ 27	.1	.3	.4	.1														9	9	21	69
26/ 25			.2															2	2	18	49
24/ 23																				7	29
22/ 21																					33
21/ 19																					38
18/ 17																					21
16/ 15																					15
14/ 13																					4
11/ 9																					2
8/ 7																					1
TOTAL	3.2	21.5	32.3	23.0	14.3	4.8	.9		.1									930	930	930	930
Element (X)	ΣX'	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4629136	64000	68.8	15.556	930	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	1964340	42029	45.2	8.367	930		4.3	1.4				93									
Wet Bulb	1612821	37967	40.8	8.224	930		13.0					93									
Dew Point	1240421	32525	35.0	10.525	930		42.1					93									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 DOPING AFB ME STATION NAME

71-79 YEARS

000 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/ 77							.1										1	1			
75/ 75						.1	.1										4	4			
74/ 73						.1	.1										3	3			
72/ 71						.1	.1										5	5			
71/ 69				.1	.4		.4	.1									14	14			
68/ 67				.4	.6		.2	.1									13	13	3		
66/ 65			.3	.5		.4	.1	.2	.1								16	15	1		
64/ 63		.1	.3	1.2	.2	.9	.2	.3									30	30	11	2	
62/ 61		.2	.3	.3	.2	.3		.1	.1								15	15	13	2	
60/ 59		.5	.2	.2	.2	.2	.2	.3									18	15	17	10	
58/ 57		.5	.6	.6	1.2	.3	.9	.3									48	48	22	16	
56/ 55	.1	1.5	.3	1.9	1.5	1.4	.6	.2									72	72	26	19	
54/ 53		1.3	1.0	.8	.9	1.0	1.1	.6									60	60	33	28	
52/ 51	.2	.8	1.5	.6	1.5	.6	.6	.1									56	56	29	24	
50/ 49		.6	2.0	1.2	.8	2.2	.5										68	68	61	15	
48/ 47	.2	1.5	2.0	1.6	3.7	2.4	.6										106	106	60	31	
46/ 45		2.4	2.0	2.2	1.8	1.8	.4										99	99	79	52	
44/ 43	.1	.9	1.4	2.5	1.1	.9											63	63	76	52	
42/ 41		1.0	2.5	2.3	1.0	.3											65	65	75	55	
40/ 39	.1	1.3	2.6	1.1	1.4	.3											63	63	98	35	
38/ 37		.3	1.6	2.4	.9												48	48	107	47	
36/ 35		.9	.9	.1	.4												21	21	72	65	
34/ 33	.5	.4	.8	.5	.1												22	22	57	47	
32/ 31	.1	.1	.4	.3	.1												10	10	46	82	
30/ 29	.1	.1		.1													3	3	19	56	
28/ 27			.5	.1													6	6	11	73	
26/ 25																			5	58	
24/ 23																			4	38	
22/ 21																			1	35	
20/ 19																				32	
18/ 17																				23	
16/ 15																				9	
14/ 13																				12	
12/ 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	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1423 STATION HOANG AFB ME STATION NAME 73-79 YEARS OCT MONTH
 PAGE 2 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
1																						
2																						
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
TOTAL	1.6	14.4	21.4	21.1	18.0	13.8	6.2	2.9	.5	.1								929	929	929		

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3811681	57187	61.6	17.726	929							
Dry Bulb	2283396	45280	48.7	9.075	929		1.9	4.0	.8			93
Wet Bulb	1762520	39716	42.6	8.344	929			8.7	.3			93
Dew Point	1257721	32605	35.1	11.254	929		42.9					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18023 STATION LOPING AFB ME STATION NAME 71-79 YEARS OCT 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																
70/ 75							.1	.2																							3	3				
74/ 73						.1	.1																								2	2				
72/ 71					.2	.1	.1																								4	4				
7 / 69				.1	.1	.1	.1	.1																							7	7				
60/ 67				.4	.3	.2	.1	.1																							11	11				
66/ 65			.2	.3	.3	.2			.1																						11	11	2			
64/ 63			.8	.9	.3	.4	.5		.3																						28	28	7			
62/ 61		.4	.9	.4	.4	.1	.2	.3																							26	26	12	3		
60/ 59		.4	.3	.1	.3	.6	.5	.2																							24	24	17	10		
58/ 57		1.1	.2	.4	.9	.9	.6	.5																							43	43	24	9		
56/ 55		1.1	.2	1.8	1.7	1.4	.8																								61	61	39	28		
54/ 53		1.3	.6	.5	1.1	.9	.6	.1	.1																						49	49	26	25		
52/ 51	.1	.6	1.1	1.3	1.7	1.0	.3																								51	51	31	21		
5 / 49	.2	1.8	1.4	1.3	1.2	1.3	.5	.1																							73	73	52	17		
48/ 47		2.8	1.2	1.5	1.6	1.7	.5																									87	87	67	31	
46/ 45	.3	1.6	1.6	2.4	1.9	1.5	.3																									90	90	82	36	
44/ 43		1.7	2.0	2.7	1.7	.9	.1																									85	85	62	53	
42/ 41		.9	2.0	2.6	1.2	.3																										65	65	71	56	
4 / 39	.2	1.8	2.4	1.9	1.1	.3																										72	72	97	46	
38/ 37		.3	1.2	2.1	1.5																											47	47	89	53	
36/ 35		1.1	.5	1.4	.2																											30	30	91	61	
34/ 33	.2	1.1	.6	.6	.3																											27	27	52	49	
32/ 31	.2		.5	.5	.2																											14	14	47	71	
3 / 29		.1	.6	.3																												10	10	34	52	
28/ 27		.1	.3	.2																												6	6	16	71	
26/ 25				.1																												1	1	13	53	
24/ 23																																			3	34
22/ 21																																		3	32	
20/ 19																																				32
18/ 17																																				33
16/ 15																																				10
14/ 13																																				8
12/ 11																																				10
10/ 9																																				2
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																														
Rel. Hum.						≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																								
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14:23 LORING AFB ME 70-79 001
 STATION MONTH YEARS

PAGE 1 1600-28.0
 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	D.y Bulb	Wet Bulb	Dew Point														
67/ 67			.2		.1		.1												4	4															
66/ 66			.2		.2														4	4															
65/ 63			.3	.2	.1	.1													7	7	2														
62/ 54		.2	.9	.3	.1	.2													16	16	3														
61/ 59		.8	1.0	.1	.4	.1													22	22	8	3													
61/ 57		1.6	1.0	.5	.2	.2													32	32	23	12													
59/ 55	.2	1.3		.5	.4														23	23	31	25													
58/ 53	.2	1.7	.3	1.5	1.3	.1													49	49	24	27													
52/ 51	.3	1.0	1.5	.3	.9	.3	.1												41	41	31	26													
51/ 49	.2	1.5	2.7	1.7	.5	.4													66	66	34	22													
49/ 47		1.7	1.9	1.0	.9	.1													52	52	50	29													
48/ 45	.4	1.7	3.0	2.0	1.7	.4													60	60	55	38													
44/ 43		1.5	3.2	2.4	1.3	.4													32	62	57	37													
42/ 41		1.8	3.6	2.3	1.3														93	93	62	41													
41/ 39	.3	2.4	3.5	2.7	1.1														92	92	93	48													
38/ 37		1.4	3.5	2.6	.6														75	75	88	63													
38/ 35	.2	1.7	2.4	2.6	.1														65	65	80	61													
35/ 33		1.5	2.5	1.1	.2														49	49	92	59													
32/ 31	.3	.8	1.3	.9															30	30	70	71													
30/ 29		.4	1.5	.5															23	23	59	59													
28/ 27	.1	.8	1.3	.1															21	21	28	68													
25/ 25		.3	.3																6	6	28	49													
24/ 23		.2	.2																4	4	16	37													
22/ 21		.1																	1	1	4	39													
21/ 19																					2	36													
19/ 17																						32													
15/ 15																						21													
14/ 13																						12													
12/ 11																						7													
11/ 9																						1													
8/ 7																						3													
TOTAL		2.424	6.336	2.23	5.106	2.5	.2														927	927													
																				927		927													

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4727321	64743	69.5	14.900	927	= 0 F	= 32 F	= 67 F	= 73 F	= 80 F	= 93 F	Total
Dry Bulb	1826828	40376	43.6	8.709	927		8.5	4				23
Wet Bulb	1521018	36660	39.5	8.770	927		20.5					93
Dew Point	1176751	31901	33.9	11.148	927		48.4					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB ME 73-79 OCT 2190-2300
STATION STATION NAME YEARS MONTH 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														
65/65			.2															2	2																
64/63		.1		.2	.1													4	4																
62/61		.4	.5			.1												10	10	3															
61/59		1.1	1.2			.2												22	22	6	3														
59/57		.2	.1	.2	.1													5	5	16	7														
58/55	.3	2.1	.3	.9	.1													34	34	18	17														
54/53	1.1	2.6	.5	.3	.1													42	42	37	31														
52/51	.2	1.4	1.7	.6	.3													40	40	30	29														
51/49	.8	.9	1.2	1.4	.3	.1												43	43	30	26														
49/47	.4	2.7	2.4	.4	.2													57	57	32	15														
48/45	.1	2.2	2.3	1.3		.1												52	52	60	37														
44/43	.1	2.1	3.6	1.4	.6													72	72	46	33														
42/41		2.4	2.3	1.6	.5	.1												64	64	48	36														
41/39	.2	3.5	4.6	1.7	.5													96	96	72	54														
38/37	.3	3.3	2.8	1.6	.2													77	77	83	54														
36/35	.3	2.2	3.6	1.8	.2													75	76	84	64														
34/33		3.2	5.2	1.4														91	91	85	59														
27/31	.3	1.5	4.1	.8														62	62	93	71														
27/29		.9	1.8															25	25	60	64														
26/27	.3	.9	1.7															24	24	51	74														
26/25		.4	1.7															13	13	29	52														
24/23		.6	.1															7	7	23	34														
22/21		.3	.2															5	5	9	37														
21/19	.1	.2																3	3	5	42														
18/17		.1																1	1	3	31														
16/15																					31														
14/13																					18														
12/11																					4														
11/9																					2														
8/7																					1														
TOTAL	4.5	34.7	41.5	15.4	3.2	.6												926	927	926	926														

Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	5273479	63795	74.3	13.255	926	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 °	≥ 80 F	≥ 93 F	Total
Dry Bulb	1649381	38239	41.3	8.819	927		14.0					93
Wet Bulb	1415784	35298	36.1	8.960	926		27.5					93
Dew Point	1145191	30917	33.4	11.050	926		46.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LORING AFB ME STATION NAME 70-70 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															
70/77																																1		1	
70/75																																7		7	
70/73																																5		5	
70/71																																15		15	
69/69																																22		22	
69/67																																35		35	
69/65																																36		36	
69/63																																55		55	
68/61																																103		103	
68/59																																149		149	
68/57																																170		170	
68/55																																293		293	
67/53																																335		335	
67/51																																351		351	
67/49																																417		417	
67/47																																518		518	
66/45																																593		593	
66/43																																572		572	
66/41																																587		587	
66/39																																626		626	
65/37																																561		561	
65/35																																472		472	
64/33																																442		442	
64/31																																407		407	
64/29																																255		255	
63/27																																152		152	
62/25																																61		61	
62/23																																51		51	
62/21																																34		34	
62/19																																24		24	
61/17																																10		10	
61/15																																			
61/13																																			
61/11																																			
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME 7-79 OCT
 STATION STATION NAME YEARS MONTH
 PAGE 2 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																						
/																																											20
/																																								17			
/																																								1			
TOTAL	3.833	6.551	6.16	2.8	4.2	1.7	.6	.1	.2																														7423	7421			
Element (X)	Σx^2	Σx	\bar{x}	c_x	No. Obs.	Mean No. of Hours with Temperature						Total																															
Rel. Hum.	39588185	531797	71.6	15.914	7421	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																															
Dry Bulb	14479355	328115	43.1	9.533	7423		99.6	8.5	1.3			744																															
Wet Bulb	12564763	291639	39.3	9.319	7421		178.1	.3				744																															
Dew Point	9434974	251824	33.9	10.949	7421		360.7					744																															

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LOOPING AFB ME STATION NAME 72-79 YEARS NOV MONTH
 PAGE 1 2608-0200 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														
54/53		.7																5	6	1															
52/51	.1	.8	.3															11	11	7	4														
51/49	.4	.4	.1	.1														10	10	14	9														
50/47		.8	.3	.1														11	11	3	6														
49/45	.7	1.2	.4	.1														22	22	18	13														
49/43		1.2	1.2	.2														22	22	12	6														
48/41		1.9	1.1															27	27	19	13														
46/39		1.1	.9															18	18	33	5														
38/37	.3	3.9	2.4	.2														62	62	19	29														
36/35	.4	3.6	1.9	.1														59	59	53	26														
35/33	.6	5.8	1.7	1.3														81	81	69	43														
34/31	.4	5.7	3.4	.1														87	87	67	42														
33/29	.6	6.2	2.4															83	83	95	43														
32/27	.4	5.4	1.3															67	67	78	74														
30/25	.1	5.8	2.3															71	71	63	62														
28/23		5.1	.8															53	53	70	47														
27/21	.6	4.4	.1															46	45	65	70														
26/19	.7	5.3																51	51	55	62														
25/17		4.2																38	38	46	53														
25/15	.1	3.4																32	32	36	63														
24/13	.3	1.8																19	19	27	39														
23/11	.3	1.3	.3															18	18	16	53														
22/9	.2	.6																7	7	13	36														
21/7		.7																6	6	9	27														
20/5		.2																2	2	5	9														
19/3																					10														
18/1		.1																1	1	1	7														
17/-1																					3														
16/-3																					2														
15/-5																					2														
14/-7																					2														
13/-9																					1														
12/-11																					2														
Element (X)	ΣX'	ΣX	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																																			

USAFETAC FORM 0-26-5 (OLA) 01 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

18-23 LORING AFB ME 70-79 YEAR MONTH
 STATION STATION NAME YEARS MONTHS
 PAGE 0 0000-1200
 MOONS (L. S. S.)

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

TOTAL	5.571	320.3	2.0																															

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

Element (A)	Z ₁ '	Z ₂ '	Σ	Σ	No. Obs.	Max No. of Hours with Temperature						
						≤ 50 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5560725	70166	75.310.323		900							
Dry Bulb	851749	26345	29.5	9.457	900		57.6					90
Wet Bulb	753897	24693	27.4	9.219	900		69.5					90
Dew Point	584322	20503	25.110.716		900	1.2	13.9					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/KAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME STATION NAME 71-79 YEARS 1950-1950 MONTH

PAGE 1 7500-050
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														
50/55		.1																1	1																
54/53		.7	.1															7	7		1														
52/51	.1	.8	.2															10	10	7	6														
51/49		.4	.6															9	9	11	4														
48/47		.4																4	4	5	7														
46/45	.6	1.6	.1	.1														21	21	15	15														
44/43		.7																8	8	13	8														
42/41		2.1	1.1															28	28	13	13														
41/39	.6	1.8	.8	.3														31	31	23	11														
38/37	1	4.0	1.6	.1														52	52	35	17														
36/35	.1	4.6	2.1															61	61	44	26														
34/33	.3	5.3	1.7	.8														67	67	74	39														
32/31	.3	6.3	2.2	.3														83	83	65	67														
31/2	.4	8.2	2.1															97	97	87	41														
28/27	.1	4.8	.4															48	48	88	79														
26/25	.2	6.5	1.9															77	77	54	71														
24/23	.1	5.6	.6															56	56	71	48														
22/21	.1	4.4	.1															42	42	69	52														
21/19	1.4	4.8																56	56	54	78														
20/17	.2	3.8	.3															39	39	42	55														
16/15	.3	3.4																34	34	42	73														
15/13	.4	1.7																19	19	32	43														
11/11	.6	1.3	.2															19	19	21	41														
11/9	.4	.7																10	10	10	37														
7/7	.3	.9																11	11	11	28														
5/5		.7																6	6	9	8														
4/3		.2																2	3	4	11														
2/1		.1																1	1	1	6														
1/-1																					4														
-2/-3																					5														
-4/-5																					5														
-6/-7																					2														
-11/-11																					2														
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	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (01 A) JUL 64
 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14523
STATION

LORING AFB ME
STATION NAME

73-79
YEARS

NOV
MONTH

PAGE 2 1300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.9	75.8	15.7	1.7														899	900	899	899
Element (X)	Σ X ²	Σ X	\bar{X}	s _x	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	5717139	71159	79.3	9.759	899	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	90									
Dry Bulb	612349	25593	28.4	9.699	900		60.1					90									
Wet Bulb	724422	24176	26.8	9.418	899		66.1					90									
Dew Point	568288	20412	22.7	10.804	899	1.8	75.2					90									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1423 LOPING AFB ME STATION NAME

77-79 YEARS

NOV MONTH

PAGE 1 7600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./Y.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
56/56		.3																3	3		
54/53		.3																3	3	5	
52/51	.1	.9	.2															11	11	4	9
51/49		.6	.6															12	12	7	3
48/47		.8																7	7	11	6
46/45	.1	.8																8	8	9	10
44/43	.2	1.8																18	18	9	11
42/41	.1	1.4	.8	.1	.2													24	24	22	8
41/39	.3	1.7	1.0	.3	.1													31	31	13	25
39/37	.2	3.7	.9	.2	.1													46	46	33	8
38/35	.1	4.7	1.8	.2														61	61	39	19
37/33	.4	5.8	1.9	.2														75	75	79	43
36/31	.7	7.1	2.2	.4														93	93	79	63
35/29	.6	7.2	2.6															93	93	79	61
34/27	.7	3.9	.7															47	47	89	79
33/25	.2	5.8	.4															58	58	63	65
32/23		4.3	1.1															49	49	55	42
32/21	.6	5.6	.3															60	60	63	57
31/19	1.2	6.3																65	65	57	74
30/17	.3	3.1																30	30	61	59
30/15	.1	3.3	.2															33	33	35	61
29/13	.1	1.4																14	14	20	44
27/11	.6	1.8																21	21	23	49
27/9	.8	.9																15	15	20	41
26/7	.2	1.0																11	11	8	19
26/5	.1	.7																7	7	12	15
24/3	.1	.3																4	4	5	10
23/1		.1																1	1	1	11
21/-1	.1	.1																2	2	2	8
19/-3																				1	2
17/-5																					7
15/-7																					1
13/-9																					1
11/-11																					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	Total									
Dry Bulb																					
Wet Bulb																					
Dew Point																					

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

5515

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION NO. LORING AFB ME STATION NAME 70-79 YEARS NOV 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
59 / 59				.1													1	1		
58 / 57		.1		.1			.1										3	3		
58 / 55		.4	.2	.1	.1												8	8	2	
54 / 52		.6	.1				.1										7	7	7	3
52 / 51		.7	.4	.1	.2												13	13	6	8
51 / 49		.4	.5		.1	.1											13	13	10	6
48 / 47		.7	.8	.3	.2	.1											19	19	8	7
48 / 45		.8	.8	.4	.1												19	19	19	4
44 / 43		1.8	.9	.7	.3	.2											25	35	22	14
42 / 41		1.2	.7	1.7	.3												35	35	21	16
41 / 39	.2	1.8	2.4	.9	.1												49	49	30	27
39 / 37	.2	2.3	2.4	2.2		.1											66	66	36	22
38 / 35	.1	3.9	2.2	.9	.1												65	65	65	17
34 / 33	.3	4.6	3.3	1.2													87	87	87	42
32 / 31	.3	5.4	3.4	.9													91	91	96	55
31 / 29	.6	4.9	3.7	.1													75	75	9	67
28 / 27	.2	4.3	2.7	.2													67	67	72	78
28 / 25	.3	4.7	2.4														67	67	81	83
24 / 23		3.3	1.7														45	45	71	58
22 / 21	.3	3.2	1.1														42	42	52	43
21 / 19	.2	4.1	.2														41	41	41	61
18 / 17		1.3	.2														14	14	43	66
18 / 15		1.4	.3														16	16	13	61
14 / 13		.8															7	7	17	44
11 / 11		.7															6	6	8	39
10 / 9		.6															5	5	3	29
7 / 7		.3															3	3	2	12
3 / 3		.1															1	1		6
3 / 3		.1															1	1		10
1 / -3																				1
-2 / -9																				2
-11 / -11																				1

Element (X)	Σ X ²	Σ X	X̄	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.																				
Dry Bulb																				
Wet Bulb																				
Dew Point																				

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14623 LORING AFB ME 78-79 NOV
 STATION STATION NAME YEARS MONTH
 PAGE 2 3900-1100
 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																
TOTAL	2.9	53.8	30.9	10.7	1.7	.9													900		90	900	900														
Element (X)	Σx'	Σx	X	x _s	No. Obs.	Mean No. of Hours with Temperature						Total																									
Rel. Hum.	4955176	65842	73.2	12.4	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total																									
Dry Bulb	1002750	28858	32.1	9.2	900		43.0					90																									
Wet Bulb	850213	26559	29.5	8.7	900		59.4					90																									
Dew Point	620034	21708	24.1	10.35	900	.4	73.4					90																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1. 23 MORING AFB MS STATION NAME 7. -79 YEARS MONTH

PAGE 1 1201-18:00
 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																	
59/59		.2	.1			.3																												6	6			
58/57		.3			.2		.3	.1	.1	.1																								11	11	3	1	
56/55		.8	.2	.8	.3		.2																											21	21	4	4	
54/53		.3		.2	.6	.8	.1	.1																										19	19	7	7	
52/51		.1	.6	.2	.4	.3	.2																											15	16	10	2	
51/49		.1	.7		.3	.3																												9	13	9	4	
49/47		.3	.7	.1	.6		.1																											13	13	9	4	
46/45	.1	.7	1.3	1.2	1.7	.2																												18	18	16	3	
44/43		.9	1.0	1.1	1.7	.4																												46	46	23	11	
42/41		.4	.7	2.5	1.6	.1																												48	48	37	11	
41/39	.2	1.3	1.4	1.2	.3	.2																												43	43	30	20	
39/37	.3	1.6	1.6	1.7	.2																													48	48	55	27	
37/35	.1	4.4	2.1	1.6	.3																													77	77	72	27	
34/33	.2	4.2	4.1	2.7	.1																													102	102	82	35	
32/31	.2	3.7	2.6	3.3																														88	88	93	71	
31/29	.1	4.3	3.1	2.1																														94	84	67	63	
28/27	.2	2.8	3.4	.9																														66	66	99	74	
26/25	.2	2.3	3.1																															51	51	93	88	
24/23		2.2	1.6	.2																														36	36	54	52	
22/21	.2	1.8	1.6																															27	27	48	65	
19/19		1.6	.2																															16	16	33	56	
18/17		.8	.7																															13	13	20	58	
14/13		.4	.1																															5	5	9	66	
12/13		.4																																4	4	9	34	
11/11		.1	.2																															3	3	4	45	
9/9			.1																															1	1	1	29	
8/7																																					3	12
6/5																																					10	
4/3																																					10	
2/1																																					5	
-5/-9																																					3	
TOTAL	2.0	35.9	30.2	22.0	1.8	8.0	2.8	.7	.2	.1																								900		900		

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4265327	60443	67.2	15.139	900	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Dry Bulb	1174679	31375	34.9	9.471	900		39.4					97
Wet Bulb	942128	26088	31.2	8.538	900		53.3					95
Dew Point	633596	22000	24.4	10.324	900	.3	73.3					50

USAFETAC FORM 700 JUL 64
 REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14223 LORING AFB ME

70-79

NOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1730
 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31																		
57/59			.1		.1	.1																								3	3				
56/57		.4	.3			.2	.1																							11	11				
55/55		.4		.3	.1					.1	.1																			10	10	4	2		
54/53		.7	.4	.4	.3	.1																								18	15	7	6		
52/51		.1	.4	.6	.1	.3	.1																							15	15	10	2		
51/49		.2	.3		.8	.4																								16	16	11	9		
49/47		.1	.3	.2	.7																									12	12	11	5		
48/45		.6	.8	1.1	.6	.1																								26	28	12	7		
45/43	.2	.8	1.6	1.7	1.3	.3																								53	53	16	13		
42/41	.2	.6	.9	2.2	1.1																									43	43	32	13		
41/39	.7	1.3	1.6	1.6	.2	.1																								44	44	45	20		
38/37	.1	.6	1.9	2.7	.2																									49	49	43	16		
35/35		4.1	2.6	1.3	.2																									71	71	50	33		
33/33	.7	6.2	3.7	1.9																										110	110	85	25		
32/31	.3	2.8	2.6	3.3	.1																									82	82	102	72		
29/29		3.6	3.9	1.7																										82	82	73	64		
28/27	.8	3.9	4.0	.7																										84	84	85	77		
26/25		2.2	2.1	.4																										43	43	95	89		
24/23		1.6	1.6																											26	28	64	51		
22/21		3.2	1.1	.1																										40	40	36	64		
19/19		2.4	.3																											25	25	40	50		
18/17		1.3	.1																											13	13	32	52		
16/15		.4	.4																											8	8	12	58		
15/15		.7																												6	6	7	52		
14/14		.1	.4																											5	5	8	40		
13/9		.1																												1	1	1	28		
11/7																																	4	24	
9/5																																		10	
8/5																																		3	
7/1																																		1	
-2/-3																																		1	
-4/-5																																		1	
-5/-9																																		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 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14-23 LORING AFB ME STATION NAME: 10-79 YEARS: _____ MONTH: NOV
PAGE: 2 1500-17.00
HOURS (L. S. T.): _____

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL			TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point																
TOTAL	3.	133.	233.	919.	76.	1.7	.2	.2											900	900	900																

Element (X)	Σx^1	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
	$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$		$\pm 80 F$	$\pm 93 F$					
Rel. Hum.	43924.37	51469	68.3	14.595	900							
Dry Bulb	1112421	30503	33.9	9.351	900		41.7					90
Wet Bulb	903565	27459	30.5	8.555	900		55.9					90
Dew Point	515312	21504	24.0	10.372	900	.5	74.8					90

USAETAC FORM 0-26-5 (OL A) 0-26-5 (OL A) REVISIT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LOPING AFB ME STATION NAME 70-79 YEARS NOV MONTH
PAGE 1 1800-2200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
50/ 55		.4	.2															5	5	4	2														
54/ 52		.4	.3	.6														12	12		2														
52/ 52		.3	.4	.2														9	9	5															
5 / 45			.4															4	4	14	6														
48/ 47	.4	.2	.9	.2	.8	.1												22	22	9	11														
44/ 45	.1	.8	.7	.5	.1													22	22	10	8														
44/ 45	.2	.9	1.8	1.6	.1	.1												42	42	16	12														
42/ 41	.2	1.2	.6	.7														24	24	22	16														
4 / 39	.4	1.3	1.1	.3	.1													30	30	38	18														
38/ 37		.9	2.5	1.3														43	43	39	21														
38/ 35	.3	4.3	3.6	1.5														85	85	6	21														
38/ 32	1.1	4.8	4.5	.3														95	95	86	38														
32/ 32	.5	5.5	3.2	.9														86	86	75	58														
27/ 29	.2	4.3	3.9	.3														76	76	69	52														
27/ 27	.7	5.5	3.5	.2														84	84	67	66														
26/ 25		5.7	3.5															78	78	66	89														
25/ 23		1.7	.9															23	23	88	52														
22/ 21	.1	3.7	1.1															44	44	32	56														
20/ 19		4.2	1.1															48	48	38	72														
18/ 17	.1	2.7	.1															26	26	57	55														
18/ 15		1.1	.1															11	11	24	53														
14/ 13	.1	1.7																15	16	12	48														
12/ 11		.4	.6															9	9	13	44														
1 / 9		.2																2	2	5	29														
0/ 7		.1																1	1	7	29														
0/ 5																					15														
0/ 3																					7														
0/ 1																					4														
0/ -1																					1														
-2/ -3																					3														
-8/ -7																					3														
TOTAL	4.3	51.3	34.5	8.7	.9	.2												898	898		898														

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4942906	65740	73.2	12.051	898	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	955615	28137	31.3	9.083	898		50.5					97
Wet Bulb	813567	25881	28.8	8.635	898		62.5					95
Dew Point	590599	21675	23.5	10.345	898	.7	74.8					90

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFB WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME 77-79 YEARS NCV 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																
50 / 55		.3	.1	.1														5	5	3	1																
54 / 53			.4															4	4		2																
52 / 51		.7	.3															9	9	1																	
57 / 49	.5	.1	.1	.1														8	8	19	5																
47 / 47	.1	.3	.2	.2														8	8	3	12																
48 / 45	.4	1.3	.8	.5	.1													11	31	11	13																
47 / 43		2.1	.7	.3														23	23	17	5																
42 / 41		1.6	1.1	.3	.1													28	28	27	17																
41 / 39	.2	1.1	1.1	.3	.1													26	26	27	19																
37 / 37	.1	1.2	2.6	.3														38	38	26	19																
37 / 35	.7	2.7	3.3															60	60	36	16																
37 / 33	1.1	6.6	3.1	.4														103	103	79	47																
37 / 31	.5	6.7	3.3															89	89	85	60																
37 / 29	.3	5.7	1.9	.4														75	75	95	50																
28 / 27	.9	4.6	1.9															66	66	71	79																
28 / 25		6.8	2.1															82	82	64	61																
28 / 23		4.3	1.3															48	48	91	52																
28 / 21	.4	2.6	.9															35	35	56	68																
27 / 19		5.8	.4															56	56	30	57																
27 / 17	.3	5.1	.1															49	49	74	67																
18 / 15		2.1																19	19	38	45																
17 / 13		1.2																11	11	14	55																
17 / 11		.9	.2															10	10	14	57																
17 / 9	.1	.4	.1															6	6	5	26																
17 / 7	.1	.4																5	5	8	28																
17 / 5		.2																2	2	5	15																
17 / 3		.1																1	1	1	5																
17 / 1																					6																
17 / -1																					3																
-2 / -3																					1																
-4 / -5																					2																
-6 / -7																					3																
-8 / -9																					1																

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-73 LOADING AFB ME 70-79 YEARS NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
59/59		.0	.0	.0	.1	.0												10	17																
58/57		.1	.0	.0	.0	.0												25	25	4	1														
57/55		.4	.1	.2	.1													54	54	17	9														
54/53		.5	.2	.2	.1	.1												76	76	29	21														
52/51	.0	.5	.4	.1	.1	.1												94	94	51	31														
51/49	.1	.3	.4	.0	.2	.1												83	83	95	46														
48/47	.1	.3	.4	.2	.3	.0												101	101	66	59														
46/46	.3	1.0	.6	.6	.2	.0												189	189	113	86														
44/43	.1	1.3	.9	.7	.4	.1												252	252	126	60														
42/41	.1	1.3	.9	.9	.4	.0												257	257	190	107														
41/39	.3	1.4	1.2	.6	.1	.0												272	272	242	146														
39/37	.2	2.3	2.0	1.1	.1	.0												604	604	286	158														
37/35	.2	4.3	2.4	.7	.1													534	534	395	185														
34/33	.6	5.4	2.9	1.1	.3													717	717	645	313														
32/31	.4	5.3	2.9	1.1	.1													699	699	663	524														
31/29	.3	5.4	2.9	.6														665	665	685	431														
30/27	.3	4.3	2.2	.3														524	524	649	605														
26/25	.1	5.0	2.1	.1														525	525	598	612														
24/23	.1	3.5	1.2	.0														338	338	564	392														
22/21	.3	3.6	.7	.0														336	336	423	475														
21/19	.4	4.2	.0															356	356	348	510														
18/17	.1	2.3	.2															222	222	373	457														
16/15	.1	2.0	.2															158	158	233	495														
14/13	.1	1.2																96	96	135	362														
12/11	.2	.9	.3															91	91	106	368														
11/9	.2	.4	.1															47	47	63	255														
8/7	.1	.0																37	37	52	176														
6/5	.1	.2																17	17	34	87														
4/3	.1	.1																8	9	10	74														
2/1	.0	.0																3	3	3	57														
/ -1	.0	.0																2	2	2	20														
-2/ -3																				1	12														
-4/ -5																					20														
-6/ -7																					11														
Element (X)	Σ X ²	Σ X	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OLA) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-623 STATION 69-78 LORING AFB, MD STATION NAME YEARS DEC 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	5-7	7-8	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
40/41			.1														1	1		
37/40			.1														1	1		
48/47		.2	.2	.1													5	5	4	2
46/45		.2	.2														4	4	6	3
44/43	.1																1	1	2	6
42/41	.1	.3	.2														6	6	1	1
37/39	.3	.1	.1														5	5	7	3
37/37	.2	.2	.4	.1													9	9	5	6
35/35	.3	1.2	.8	.2													23	23	12	8
34/33	.9	1.2	.5														24	24	21	12
31/31	.3	2.3	1.3														31	31	29	15
27/29	.6	3.1	.5														49	49	32	15
27/27	.3	3.4	.1														32	32	37	20
25/25	.2	4.6	.2														47	47	32	29
23/23	.1	5.2	.2														33	33	49	33
22/21	1.4	4.3	.4														57	57	51	23
19/19	.8	5.9	.3														65	65	55	57
18/17	.6	7.5	.3														60	60	71	42
15/15	.2	6.6	.2														65	65	67	46
13/13	.3	5.1	.1														51	51	51	39
12/11	.6	2.4															28	23	48	73
7/9	1.4	1.7															38	38	34	64
3/7	1.3	3.4															41	41	35	55
5/5	.5	2.6															29	29	42	43
4/3	.9	3.9															44	44	27	26
2/2	1.2	3.4															43	43	51	25
1/-1	2.4	1.2															33	33	43	22
-2/-3	1.7	1.3															28	28	34	30
-4/-5	.8	1.3															16	16	17	35
-2/-7	1.3	.1															15	15	18	35
-6/-9	1.3																12	12	12	25
-11/-11	1.2																11	11	11	32
-12/-13	.9																8	8	8	18
-14/-15	.3																3	3	3	20
Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																				
Wet Bulb																				
Dew Point																				

USAFETAC FORM 0-26-5 (OL A) 1.1.64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ AC

PSYCHROMETRIC SUMMARY

14023 LORING AFB ME

69-78

DEC

PAGE 2

300J-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
-17/-17	0.3																		1	1	1	17	
-16/-16																						15	
-15/-15																						12	
-14/-14																						6	
-13/-13																						11	
-12/-12																						1	
TOTAL	23.1	73.8	5.8	0.3														930	930	930	930		

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.	5160798	68382	73.5	11.953	930							93
Dry Bulb	367293	14279	15.4	12.624	930	12.7	85.1					93
Wet Bulb	328531	13233	14.2	12.286	930	14.7	87.3					93
Dew Point	265651	7695	8.3	14.745	930	27.9	68.9					93

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AFSS WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14023 STATION LOSING AFB ME STATION NAME 69-72 YEARS 061 MONTH

PAGE 1 0300-05.1 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)													TOTAL		TOTAL						
	0	1-2	3-4	5-6	7-9	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
45/45	.3																		3	3	3	2
44/45		.4		.1															5	5	3	5
43/43	.2	.4																	6	6	3	5
42/41	.1	.4	.3																5	8	6	4
41/35		.1	.2																3	3	4	3
39/37		.4		.1															5	5	6	3
38/35	.5	1.2		.3															19	19	12	9
37/33	.8	1.1	1.2	.1															29	29	19	18
36/31	.3	2.6	.9	.1															36	36	25	17
35/25	.4	2.7	.3																32	32	39	12
34/27		2.6	.3																27	27	27	20
33/25	.1	3.2	.1																32	32	31	21
32/23		3.8	.3																38	38	36	24
32/21	1.6	4.1	.5																58	58	62	28
31/15	1.4	5.1																	60	60	41	51
30/17	.6	6.5	.2																65	68	71	50
30/15	.3	6.5	.3																66	66	66	45
29/13	.1	4.5																	43	43	53	40
28/11	.8	4.6	.2																52	52	59	48
27/7	1.2	3.8																	45	45	45	65
26/7	.5	3.1																	34	34	34	65
25/5	.4	1.8																	21	21	36	39
24/5	1.2	4.2																	50	50	36	32
23/1	.3	3.6																	40	40	44	32
22/ -1	2.8	.5																	31	31	45	19
21/ -3	1.4	2.2																	36	36	37	34
20/ -5	1.1	1.3																	19	19	21	39
19/ -7	1.5																		14	14	16	25
18/ -9	2.3																		21	21	21	35
17/ -11	1.4																		10	10	11	30
16/ -13	.9																		8	8	8	24
15/ -15	.8																		8	8	8	27
14/ -17	.2																		2	2	2	12
13/ -19																						8
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																						

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

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 67-78
 STA 101 STAT ON NAME YEARS MONTH
 PAGE 1 3530-0210
 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	1	1	1	
47/47		.3															3	3			
45/45	.1	.8															8	8	7	5	
43/43																			4	4	
41/41		.4															4	4	1	2	
39/39	.1	.2	.3														5	5	5	2	
37/37	.5	.8															12	12	11	6	
35/35	.5	1.6	.3	.1													24	24	14	9	
33/33	.1	1.3	.9														21	21	18	14	
31/31	.5	2.7	.4														34	34	34	22	
29/29		2.0	.3														22	22	18	16	
27/27	.5	3.4	.2														39	39	32	14	
25/25		3.9	.5														33	33	34	42	
23/23		2.9	.2														29	29	33	19	
21/21	1.6	4.2	.1														55	55	59	38	
19/19	1.6	4.3	.1														53	58	45	37	
17/17	.4	6.4															60	60	63	57	
15/15	.3	6.2	.2														63	63	46	39	
14/14	.1	4.1	.1														39	39	55	40	
13/13	.5	4.3	.1														46	46	49	45	
12/12	1.4	4.2															52	52	59	61	
11/11	.3	4.3															43	43	31	48	
10/10	1.6	2.2															35	35	57	36	
9/9	1.6	3.8															52	52	40	37	
8/8	.1	2.9															28	28	39	44	
7/7	2.6	1.2															35	35	36	33	
6/6	1.5	1.7															30	30	34	37	
5/5	1.2	1.2															22	22	22	16	
4/4	2.2	.1															21	21	28	26	
3/3	2.4																22	22	22	45	
2/2	.8																6	6	6	30	
1/1	1.1																9	9	9	21	
0/0	1.1																10	10	10	27	
-1/-1	.8																7	7	7	16	
Element (X)	ΣX ²	ΣX	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																					

USAFETAC FORM 7 JUL 64 D-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 0023 LORING AFB ME STATION NAME: 69-78 YEARS: DEC MONTH: 0600-0800 HOURS (L.S.T.)
 PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
17-18	.1																	1	1	1	16															
17-21																						14														
17-22																						13														
17-25																						11														
17-27																						10														
TOTAL	26.7	0.0	3.9	.1														930	930	930	930															

Element (X)	$\sum X^2$	$\sum X$	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 90 F	
Rel. Hum.	5158618	68334	73.5	12.171	930							
Dry Bulb	345738	12934	13.9	13.360	930	16.3	85.1					93
Wet Bulb	311352	11976	12.9	13.006	930	17.5	87.0					97
Dew Point	267914	6362	6.9	15.532	930	31.2	88.7					97

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

GLOBAL CLIMATOLOGY BRANCH
 SAFLTAC
 AF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 10023 LINING AFB ME STATION NAME: 50-72 YEARS: _____ MONTH: DEC
 PAGE 1 1922-11 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
45		.3															3	5	1	1
44		1.4															13	13	9	2
43		.2															2	2	7	6
42		.6															6	6	4	4
41	.1	1.7	.5	.1													19	19	16	10
40	.3	1.4	.5	.1													22	22	12	8
39	.4	2.5	1.1	.1													36	38	25	11
38	.1	1.7	1.2	.1													29	29	35	18
37	.2	1.9	.3														23	23	25	28
36	.5	4.2	.9														52	52	33	17
35		3.7	.9														42	42	45	16
34	.3	4.3	.8														50	50	34	25
33	1.1	2.6	.9														44	44	51	41
32	.9	5.9	.8														67	67	40	51
31	.4	6.7	.6														72	72	71	47
30	.1	5.2	.2														51	51	72	44
29	.3	4.4	.3														47	47	42	47
28	.4	4.7															51	51	49	52
27	1.1	5.4															60	60	56	64
26	.9	4.7	.1														50	50	52	59
25	.5	3.4															37	37	47	39
24	.1	2.8															27	27	32	36
23	.2	3.1															30	30	25	40
22	1.5	.8															22	22	40	34
21	.5	1.2															16	16	17	27
20	.6	1.1															15	15	15	20
19	.9	.4															12	12	15	35
18	1.7																16	16	17	35
17	.5																6	6	6	24
16	.3																3	3	3	13
15	.5																5	5	5	16
14																				19
13																				14
12																				12
Element (X)	Z _x	Z _y	X	Y	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 701 84 JUL 64 0.26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JOINT CLIMATE BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME STATION NAME

69-72 YEARS

DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-27-23																					11
-27-25																					3
-27-27																					3
TOTAL	15	375	6	3.7	.4													930		950	937
Element (X)	$\sum X^2$	$\sum X$	\bar{X}	s^2	No. Obs.	Mean No. of Hours with Temperature						Total									
Rel. Hum.	4655669	66119	71.1	12.912	937	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total									
Dry Bulb	393273	15379	16.5	12.243	937	9.5	82.7					93									
Wet Bulb	345074	14780	15.7	11.916	937	11.8	86.2					93									
Dew Point	268698	7984	8.5	14.678	937	26.8	88.5					23									

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE, MAC

PSYCHROMETRIC SUMMARY

11-23 LORING AFB ME
STATION STATION NAME

62-75
YEARS

DEC
MONTH

PAGE 1 12-1-14
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb-Dew Point															
47		.1																														1	1	1	
46		.6																														5	5	1	
45		.5																														5	5	7	
44		1.2																														11	11	3	
43	.3	.6	.1																													13	13	9	
42	.2	1.3	.5	.1																												22	22	11	
41	.4	1.7	.1	.4																												18	18	9	
40	.1	2.4	1.9	.3																												44	44	15	
39	.3	1.6	1.2	.2																												39	35	23	
38	.2	2.4	1.3	.2																												38	38	10	
37	.5	4.2	2.5	.1																												68	69	22	
36	.4	5.2	2.6																													76	75	25	
35	.2	3.3	2.3																													42	42	28	
34	.3	4.3	2.2																													67	67	38	
33	.2	5.5	1.3																													71	71	53	
32	.2	4.1	1.1																													53	50	38	
31	.2	5.3	1.6	.1																												67	67	48	
30	.1	5.5	.8																													59	59	52	
29	1.1	4.3	1.7																													58	58	66	
28	.5	4.1	.3																													45	45	71	
27	.1	3.2	.3																													34	34	62	
26		2.2																														29	29	32	
25		1.6																														15	15	40	
24		2.4																														22	22	19	
23	.9	.5																														13	13	27	
22	.1	.6																														7	7	22	
21	.1	.9																														9	9	25	
20	.5	.3																														9	9	25	
19	.2																															2	2	25	
18	.2																															2	2	28	
17																																			
16																																			
15																																			
14																																			
13																																			
12																																			
11																																			
10																																			
9																																			
8																																			
7																																			
6																																			
5																																			
4																																			
3																																			
2																																			
1																																			

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

JOINT CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION 29-79 YEARS 1567-17
 MONTH HOURS (L. S. T.)
 PROF 1

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	
54/55	.1																																		1	1	1	1
52/52		.1																																	4	4		
50/47			.1																															1	1	4	3	
48/45				.1																														1	1	2	3	
46/43					.1																													6	6	2	1	
44/41						.1																												5	5	4	1	
42/39	.5	.3	.5	.1																														16	16	11	6	
40/37	.5	1.5	.9	.2																														26	26	16	11	
38/35	.1	1.1	.4																															15	15	18	11	
36/33	.2	1.5	.9																															24	24	15	17	
34/31	.6	2.0	1.0																															49	49	33	15	
32/29	.6	1.0	.8																															30	30	33	20	
30/27	.3	4.3	.9	.1																														49	49	44	25	
28/25	.4	6.1	2.2	.1																														62	62	46	27	
26/23	.1	7.3	1.3																															53	53	73	34	
24/21	.9	.6	2.0																															63	63	62	31	
22/19	.5	6.2	1.0																															73	73	56	59	
20/17	.2	5.5	1.2																															64	64	78	51	
18/15	.1	5.5	.6																															58	58	75	47	
16/13	.4	5.6	.6																															62	62	45	51	
14/11	.3	4.0	1.3																															52	52	58	53	
12/9	.1	5.4	.3																															53	53	51	77	
10/7		3.2	.3																															33	33	55	71	
8/5		2.8																																26	26	30	32	
6/3		2.6																																24	24	29	35	
4/1		1.6																																15	15	24	38	
2/0	1.1	.4																																13	13	22	21	
0/-1	.3	1.2																																14	14	16	23	
-2/-3	.1	.6																																7	7	5	27	
-4/-5	.4	.5																																8	8	11	29	
-6/-7	.1																																	1	1	1	21	
-8/-9	.3																																	3	3	3	25	
-10/-11																																						
-12/-13																																						16
-14/-15																																						20
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 84 0-26-5 (OL A) REVISE PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

U.S. ARMY CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 STATION LOPINS AFB ME STATION NAME 69-78 YEARS MONTH DEC
PAGE 0 187-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point																
1-17																																				17	
1-19																																					3
1-21																																					2
1-23																																					1
1-27																																					3
TOTAL		2.674	2.146	.3	.5																															929	929

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

Element (X)	Σ X ²	Σ X	X	% X	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≥ 80 F		
Rel. Hum.	463.598	64336	69.3	13.730	929		32.1					
Dry Bulb	454113	17873	19.2	10.980	929	4.6	63.1					93
Wet Bulb	393433	16297	17.5	10.765	929	5.8	85.5					92
Dew Point	283422	9793	10.5	13.937	929	21.1	67.4					93

GEORGE CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1973 LOPINS AFB ME 69-73 YEARS 000 MONTH

PAGE 1 18°-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 Point																
53		.2	.1																											3	3	2	2				
54		.3																													3	3					
47			.1																												1	1		4			
48			.1	.1																											2	2					
49	.1	.1																													2	2	2	3			
50	.6	.9	.1																												13	13	9	5			
51	.5	1.3	.8																												24	24	13	7			
52	.1	1.3	1.0																												22	22	14	13			
33	.2	2.1	.4																												25	25	26	14			
34		2.6	.8																												31	31	29	12			
39	.9	2.7	.9																												35	35	43	23			
27	.2	3.7	.3																												39	39	28	27			
25	.2	4.1	.4																												43	43	46	27			
22	.2	5.5	.3																												50	56	48	22			
21	1.1	4.7	1.2																												57	57	53	37			
19	.6	7.7	.8																												78	79	55	42			
17	.5	5.3	.5																												59	59	86	44			
16	.4	6.5	.2																												66	66	54	56			
12	.3	4.0	.1																												48	48	55	51			
11	.4	4.5	.4																												54	54	45	55			
9	.8	5.2	.1																												56	56	52	90			
7	.1	4.8																													47	47	53	37			
5	.1	4.3																													41	41	43	35			
2	.3	2.6																													27	27	43	40			
1		3.1																													29	29	23	36			
-1	1.7	.8																													23	23	37	29			
-3	.6	.9																													14	14	20	30			
-5	.3	.6																													9	9	7	12			
-7	1.2	.1																													12	12	15	28			
-9	1.3																														12	12	12	30			
-11	.4																														4	4	4	22			
-13	.5																														2	2	2	12			
Element (X)	Σx^2	Σx	\bar{x}	σ^2	No. Obs.	Mean No. of Hours with Temperature																															
Ref. Num.						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	Total																									
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FEDERAL BUREAU OF SURVEY
 NATIONAL CLIMATOLOGY BRANCH
 WASHINGTON, D.C. 20540
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION: 14-25 LOWING AFB ME STATION NAME: 69-78 YEARS: _____ MONTH: DEC
 PAGE 1 213-230
 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				
54/57			.1															1	1						
52/54			.2															2	2						
51/53																									
50/52		.2	.2															5	5	3					
49/51			.1															1	1	3					
48/50			.2															2	2	1					
47/49			.3															3	3	1					
46/48		.4	.6	.2														12	12	8					
45/47		.5	.9	.3														16	16	11					
44/46		.6	1.1	1.2														23	23	14					
43/45		.8	1.9	.3														24	24	2					
42/44		.2	2.6	.8														33	33	1					
41/43		.4	2.3	.6														32	32	3					
40/42		.3	3.9															39	39	2					
39/41		.1	5.5															34	34	4					
38/40		.4	4.7	.2														50	50	2					
37/39	1.1	4.4																50	50	2					
36/38	1.8	7.2	.4															86	86	5					
35/37	.6	5.6	.3															61	61	6					
34/36	.8	5.2	.2															55	55	7					
33/35	.3	4.2	.4															46	46	5					
32/34	.6	5.7																41	41	5					
31/33	1.1	4.5																51	51	4					
30/32	.3	4.2																42	42	4					
29/31	.1	3.9																34	34	3					
28/30	.6	3.8																42	42	3					
27/29	.6	2.9																33	33	2					
26/28	2.9	.9																35	35	2					
25/27	.8	1.8																24	24	2					
24/26	.6	.9																14	14	1					
23/25	.6	.1																7	7	2					
22/24	1.5																	14	14	1					
21/23	1.1																	9	9	2					
20/22	.8																	7	7	2					
Element (X)	ΣX'	ΣX	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ	Mean No. of Hours with Temperature							
Rel. Hum.																		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total	
Dry Bulb																									
Wet Bulb																									
Dew Point																									

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

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 23 LOPING AFB ME 69-78 DEC
 STATION STATION NAME YEARS MONTH
 PAGE 2 210-230
 HOURS (L. S. T.)

Temp (°)	WET BULB TEMPERATURE DEPRESSION (F)														TOTAL		TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/-15	.1																	1	1	1	27
-1/-17	.1																	1	1	1	10
-1/-19																					20
-1/-31																					6
-2/-23																					6
-2/-35																					4
-2/-37																					4
TOTAL	10.1	75.2	5.8															930		930	930
																		930		930	

Element (X)	$\sum x^2$	$\sum x$	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel Hum.	5.75976	57752	2.9	12.292	930							
Dry Bulb	361370	14872	16.0	12.430	930	11.2	84.1					93
Wet Bulb	338924	13733	14.8	12.139	930	13.1	86.6					93
Dew Point	269792	8752	8.7	14.675	930	28.1	88.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-23 STATION LOPING AFB ME 69-78 YEARS MONTH DEC
 STATION NAME YEARS 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														
47/53	.1	.0	.0															5	5	3	3														
46/51	.1	.0	.0															7	7																
45/49	.1	.1	.1															8	8	10	3														
44/47	.1	.1	.1															16	16	12	13														
43/45	.0	.3	.3	.3														30	30	23	15														
44/43	.1	.4	.2															33	33	29	28														
42/41	.1	.4	.1															41	41	30	24														
41/39	.3	.5	.2	.1														74	74	56	35														
39/37	.0	.9	.4	.1														133	133	84	63														
38/35	.3	1.2	.5	.1														166	166	114	77														
37/33	.4	1.7	.9	.1														229	229	165	116														
36/31	.4	2.3	1.1	.1														278	278	256	134														
35/29	.4	2.3	.6	.0														252	252	244	161														
34/27	.3	3.6	.7	.0														345	346	269	161														
33/25	.2	4.2	.9	.1														389	389	346	192														
32/23	.1	3.9	.7															351	351	415	217														
31/21	1.2	4.1	.9															448	448	452	274														
30/19	1.1	5.0	.5															558	558	417	395														
29/17	.5	5.2	.5															514	514	590	393														
28/15	.3	5.8	.5	.2														491	491	537	364														
27/13	.3	4.6	.3															397	387	397	376														
26/11	.7	4.1	.4															362	322	429	449														
25/9	.9	4.4	.1															401	431	390	559														
24/7	.4	3.9	.1															324	324	351	437														
23/5	.4	2.9																243	243	334	287														
22/3	.6	3.1																281	281	267	282														
21/1	.4	2.9																240	240	256	280														
20/-1	.2	.8																205	205	300	206														
19/-3	.9	1.4																169	169	192	254														
18/-5	.6	.9																111	111	110	223														
17/-7	1.1	.2																98	98	123	230														
16/-9	1.3																	100	100	103	240														
15/-11	.7																	51	51	51	214														
14/-13	.5																	38	38	38	139														
Element (X)	Σx ²	Σx	\bar{x}	s ²	No. Obs.	Mean No. of Hours with Temperature					Total																								
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

USAFETAC
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION WOPING AFB MC STATION NAME

69-76 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 Point																	
-1/-15	.4																																		27	27	27	17
-1/-17	.1																																		11	11	11	11
-1/-19	.																																		1	1	1	1
-1/-21	.																																					
-1/-23	.																																					
-1/-25	.																																					
-1/-27	.																																					
TOTAL	17.3	2.8	9.5	.5																															7437	7437		

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.	39425736	532918	71.7	12.904	7437							
Dry Bulb	31697.2	123162	16.6	12.328	7437	81.1	669.6					744
Wet Bulb	27892.3	113.79	15.2	11.995	7437	95.6	691.1					744
Dew Point	217.554	65344	8.8	14.652	7437	217.2	766.2					744

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

CLIMATE CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION 23 LORING AFB ME STATION NAME 50-79 YEARS ALL MONTH ALL

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL				
	0	1-2	3-4	5-6	7	8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																
1- / 80																																		5	5			
2 / 80																																			13	13		
3 / 89																																			26	26		
4 / 87																																			86	86		
5 / 85																																			178	178		
6 / 83																																			259	259		
7 / 81																																			448	448	1	
8 / 79																																			573	578	1	1
9 / 77																																			729	732	12	
10 / 75																																			1022	1015	75	3
11 / 73																																			1157	1160	170	13
12 / 71																																			1476	1477	374	29
13 / 69																																			1645	1647	741	24
14 / 67																																			1955	1958	1407	499
15 / 65																																			2424	2434	1877	899
16 / 63																																			2595	2594	2261	1615
17 / 61																																			2569	2581	2533	1805
18 / 59																																			2568	2595	2745	1885
19 / 57																																			2655	2673	2913	2415
20 / 55																																			2672	2687	3044	2599
21 / 53																																			2583	2598	3232	2663
22 / 51																																			2526	2535	2766	2747
23 / 49																																			2392	2398	2905	2473
24 / 47																																			2428	2433	2789	2629
25 / 45																																			2633	2641	2932	3164
26 / 43																																			2376	2373	2580	2555
27 / 41																																			2215	2217	2463	2485
28 / 39																																			2561	2563	2600	2540
29 / 37																																			2743	2745	2818	2400
30 / 35																																			3125	3127	3355	2639
31 / 33																																			3283	3283	3599	2718
32 / 31																																			3032	3037	3438	3091
33 / 29																																			2651	2654	3271	2746
34 / 27																																			2734	2736	2779	3435
Element (X)	ΣX^2	ΣX																				\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature													
Rel. Hum.																									≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 STATION LORING AFB ME STATION NAME 69-79 YEARS ALL MONTH PAGE 1 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
1- / 25	.1	1.5	.8	.1														2266	2267	2834	2949														
2- / 23	.1	1.3	.6	.1														1734	1736	2594	2134														
2- / 21	.3	1.3	.7	.1														2176	2182	2292	2514														
2- / 19	.3	1.7	.6	.1														2297	2298	1966	2843														
2- / 17	.1	1.5	.4	.1														1811	1812	2352	2540														
2- / 15	.1	1.5	.4	.1														1670	1572	1974	2365														
2- / 13	.1	1.2	.2															1357	1361	1576	1925														
1- / 11	.2	1.2	.3															1425	1431	1518	1952														
1- / 9	.2	1.4	.1															1521	1523	1480	2224														
1- / 7	.1	1.3	.1															1254	1253	142	1778														
1- / 5	.1	.9	.1															909	912	1303	1317														
1- / 3	.1	1.1																1023	1024	995	1253														
1- / 1	.1	1.1																951	952	1025	1347														
0- / -1	.6	.3																674	674	1113	1035														
0- / -3	.3	.5																574	674	766	1015														
0- / -5	.2	.4																529	529	526	975														
0- / -7	.4	.1																497	497	623	936														
0- / -9	.6																	514	514	556	1001														
-1- / -11	.4																	363	363	363	841														
-1- / -13	.3																	222	222	222	624														
-1- / -15	.3																	225	225	225	733														
-2- / -17	.2																	141	143	141	563														
-2- / -19	.1																	67	67	67	575														
-2- / -21	.1																	28	28	28	442														
-2- / -23	.1																	15	15	15	377														
-2- / -25	.1																	1	1	1	330														
-2- / -27																					257														
-2- / -29																					98														
-2- / -31																					63														
-3- / -33																					22														
-3- / -35																					12														
-3- / -37																					3														
-3- / -39																					2														
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																													
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																							
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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

CENTRAL CLIMATOLOGY BRANCH
 WET BULB TEMPERATURE DEPRESSION
 AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1-23 LORING AFB ME 69-78 ALL
 STA NO. STATION NAME YEARS MONTH

PAGE 7 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														
TOTAL	7.5	10.9	23.6	11.4	6.9	4.5	3.0	1.9	1.2	0.6	0.3	0.1	746.6	876.4	874.6	874.6														

Element (X)	$\Sigma x'$	Σx	\bar{x}	s^2	No. Obs.	Mean No of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	
Rel. Hum.	436525686	6003688	68.7	16.622	874.6	0	0	0	0	0	0	874.6
Dry Bulb	179790361	3468191	39.6	22.723	876.4	0	0	0	0	0	0	876.4
Wet Bulb	145574667	3114305	35.6	19.899	874.6	0	0	0	0	0	0	874.6
Dew Point	117629334	2568168	29.4	21.965	874.6	0	0	0	0	0	0	874.6

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

5501

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14623 LORING AFB ME

69-79

STATION	STATION NAME	YEARS												
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-07	MEAN	6.9	11.3	22.8	32.2	45.2	55.9	60.6	58.1	49.2	40.0	29.3	15.4	35.9
	S D	14.403	13.629	10.753	7.301	8.493	7.734	6.000	7.131	6.196	6.871	9.467	12.624	20.276
	TOTAL OBS	929	846	930	900	930	900	929	930	900	928	900	930	10952
3-05	MEAN	7.8	9.7	20.9	30.6	43.3	54.0	58.7	56.3	47.7	38.9	28.4	14.5	34.4
	S D	15.111	14.249	11.446	7.733	8.456	7.773	6.307	7.368	8.579	9.051	9.699	12.976	20.261
	TOTAL OBS	930	846	930	900	930	900	930	930	900	927	900	929	10952
6-08	MEAN	6.9	9.1	21.0	32.6	47.2	58.4	62.8	59.7	49.8	39.6	26.2	13.9	35.9
	S D	15.495	14.465	11.638	8.093	8.568	7.315	5.512	6.723	8.052	8.804	9.861	13.360	21.849
	TOTAL OBS	930	846	930	900	930	900	930	930	900	928	900	930	10954
9-11	MEAN	10.0	13.8	26.1	37.6	53.8	65.0	69.6	66.9	56.6	45.2	32.1	16.5	41.2
	S D	14.458	13.124	10.261	8.423	10.070	8.299	6.138	6.761	7.309	8.367	9.281	12.243	22.842
	TOTAL OBS	930	846	930	900	930	900	930	929	898	930	900	930	10953
12-14	MEAN	14.3	18.7	30.3	41.0	57.9	68.7	73.5	71.0	60.5	48.7	34.9	19.8	45.1
	S D	12.741	11.620	9.580	9.094	11.146	9.246	6.906	7.600	7.728	9.075	9.471	10.863	22.756
	TOTAL OBS	930	846	929	900	930	899	928	930	898	929	900	930	10949
15-17	MEAN	14.4	19.3	31.1	41.5	58.5	69.0	73.6	70.8	60.1	47.8	33.9	19.2	45.1
	S D	12.607	11.241	9.369	9.146	11.186	9.292	6.848	7.886	7.724	9.084	9.351	10.900	22.722
	TOTAL OBS	930	846	930	900	929	900	929	930	900	927	900	929	10950
18-20	MEAN	11.8	16.1	28.0	38.2	54.1	64.6	68.9	65.2	54.6	43.6	31.3	17.1	41.2
	S D	13.411	12.261	9.519	8.220	10.078	8.521	6.287	7.267	7.697	8.709	9.083	11.781	21.803
	TOTAL OBS	930	846	930	900	929	900	928	930	900	927	898	930	10948
21-23	MEAN	10.2	13.6	25.3	34.8	48.9	59.3	63.8	60.5	51.1	41.3	29.9	16.0	38.0
	S D	13.923	12.986	10.042	7.438	8.876	7.754	5.884	6.967	7.814	8.819	9.241	12.430	20.670
	TOTAL OBS	930	846	930	900	930	900	927	929	900	927	897	930	10946
ALL HOUR:	MEAN	10.5	14.0	25.7	36.0	51.1	61.8	66.4	63.6	53.7	43.1	31.0	16.6	39.6
	S D	14.288	13.481	10.991	9.059	11.072	9.865	8.241	8.981	9.178	9.533	9.711	12.328	22.023
	TOTAL OBS	7439	6768	7439	7200	7438	7199	7431	7438	7196	7423	7195	7438	87604

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14-23 LORING AFB ME

69-79

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02		MEAN 7.8	10.2	20.6	29.5	41.4	52.1	57.7	54.8	44.4	37.4	27.4	14.2	33.2
		SD 13.903	13.170	10.344	7.224	8.343	7.791	5.039	7.140	7.100	7.074	7.219	12.276	19.382
		TOTAL OBS 926	846	930	900	912	900	929	930	899	927	900	930	10929
03-05		MEAN 6.8	8.7	19.0	28.3	40.1	50.9	55.7	53.5	45.3	36.6	26.8	13.4	32.2
		SD 14.618	13.804	11.043	7.698	8.476	7.793	6.312	7.384	8.487	9.189	9.418	12.597	19.544
		TOTAL OBS 924	846	930	900	912	900	930	930	900	927	899	929	10927
06-08		MEAN 8.0	8.1	19.1	29.8	42.8	53.9	58.6	56.1	47.0	37.2	26.6	12.9	33.3
		SD 15.027	14.027	11.214	7.666	8.167	7.132	5.349	6.634	7.996	8.901	9.560	13.006	20.664
		TOTAL OBS 925	846	928	900	912	900	928	929	900	928	900	930	10926
09-11		MEAN 8.8	12.2	23.2	33.0	46.5	57.3	62.3	60.0	51.0	40.8	29.5	15.1	36.8
		SD 13.923	12.642	9.702	7.543	8.329	7.144	5.297	6.200	7.077	8.224	8.787	11.916	20.515
		TOTAL OBS 920	845	930	900	909	900	928	929	898	930	900	930	10919
12-14		MEAN 12.5	16.3	26.3	35.1	48.4	58.7	63.6	61.4	52.8	42.8	31.2	17.9	39.0
		SD 12.313	11.141	8.739	7.505	8.214	7.153	5.345	6.319	6.960	8.344	8.538	10.662	19.560
		TOTAL OBS 927	846	929	900	911	895	928	928	897	929	900	929	10923
15-17		MEAN 12.6	16.6	26.8	35.4	48.6	58.5	63.5	60.9	52.5	42.0	30.5	17.5	38.9
		SD 12.134	10.731	8.388	7.291	8.064	7.093	5.243	6.151	6.979	8.481	8.555	10.765	19.375
		TOTAL OBS 926	845	930	900	912	899	929	930	899	927	900	929	10926
18-20		MEAN 10.5	14.2	24.7	33.4	46.6	56.7	61.5	58.7	49.7	39.5	28.8	15.8	36.8
		SD 12.931	11.752	8.848	7.041	8.215	7.294	5.365	6.524	7.513	8.770	8.685	11.502	19.550
		TOTAL OBS 929	846	930	900	913	900	928	930	900	927	898	930	10931
21-23		MEAN 9.1	12.2	22.6	31.2	43.8	54.1	58.8	56.1	47.6	38.1	27.8	14.8	34.8
		SD 13.435	12.515	9.612	6.975	8.321	7.523	5.775	6.035	7.850	8.960	8.956	12.109	19.351
		TOTAL OBS 929	846	929	900	912	900	927	929	900	926	897	930	10925
ALL HOURS		MEAN 9.3	12.3	22.8	32.0	44.8	55.3	60.1	57.7	49.0	39.3	28.6	15.2	35.6
		SD 13.757	12.885	10.183	7.805	8.799	7.808	6.268	7.216	8.092	9.019	9.110	11.995	19.899
		TOTAL OBS 7406	6766	7436	7200	7293	7198	7427	7435	7193	7421	7194	7437	87406

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

14023 LORING AFB ME

69-79

STATION	STATION NAME												YEARS
HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN .3	2.6	13.6	23.6	36.4	48.6	54.1	52.1	43.5	33.3	23.1	8.3	28.4
	SD 16.657	16.331	13.787	9.885	10.407	9.128	7.015	8.058	8.936	10.914	11.714	14.745	21.826
	TOTAL OBS 926	846	930	900	912	900	929	930	899	927	900	930	10020
3-05	MEAN -0.8	1.4	12.5	23.1	35.9	48.1	53.4	51.1	42.8	32.9	22.7	7.5	27.7
	SD 17.373	16.839	13.503	10.126	10.354	8.825	7.319	8.147	9.209	10.878	10.804	15.334	22.351
	TOTAL OBS 924	846	930	900	912	900	930	930	900	927	899	929	10927
6-08	MEAN -1.5	.8	12.6	24.0	37.5	49.9	55.5	53.1	44.0	33.4	22.5	6.9	28.3
	SD 17.837	17.156	13.646	10.353	10.395	8.580	6.329	7.548	8.889	10.573	10.630	15.532	22.914
	TOTAL OBS 925	846	928	900	912	900	928	929	900	928	900	930	10926
9-11	MEAN .5	3.7	15.0	24.9	38.0	51.2	57.2	55.0	45.6	35.0	24.1	8.6	30.1
	SD 16.941	16.212	12.654	10.341	11.131	9.295	6.865	7.908	8.951	10.525	10.357	14.678	22.541
	TOTAL OBS 920	845	930	900	909	900	928	929	898	930	900	930	10919
12-14	MEAN 3.1	6.5	16.6	25.6	38.4	50.8	57.1	54.6	45.6	35.1	24.4	10.6	30.8
	SD 15.971	15.170	11.963	10.223	11.174	9.928	7.445	8.506	9.310	11.054	10.324	13.936	21.563
	TOTAL OBS 927	846	929	900	911	899	928	928	897	929	900	929	10923
15-17	MEAN 3.4	6.8	16.9	25.6	38.1	50.2	56.7	53.9	45.2	34.6	24.0	10.5	30.6
	SD 15.711	14.825	11.721	9.881	11.358	10.223	7.515	8.329	9.491	11.242	10.372	13.937	21.279
	TOTAL OBS 925	845	930	900	912	899	929	930	899	927	900	929	10926
18-20	MEAN 2.2	5.4	15.9	25.1	38.1	50.0	56.3	53.7	44.9	33.9	23.5	9.4	30.3
	SD 16.138	15.373	12.362	9.642	11.178	9.881	7.124	8.100	9.101	11.148	10.345	14.242	21.629
	TOTAL OBS 929	846	930	900	913	900	928	930	900	927	898	930	10931
21-23	MEAN 1.3	4.3	14.9	24.4	37.7	49.4	55.1	52.7	44.0	33.4	23.1	8.7	29.2
	SD 16.386	15.870	12.575	9.581	10.710	9.355	7.389	7.986	9.050	11.050	10.558	14.675	21.669
	TOTAL OBS 929	846	929	900	912	900	927	929	900	926	897	930	10929
ALL HOURS	MEAN 1.1	3.9	14.8	24.6	37.6	49.8	55.7	53.3	44.4	33.9	23.4	8.8	29.4
	SD 16.733	16.117	12.765	10.039	10.876	9.464	7.177	8.163	9.166	10.949	10.556	14.652	21.965
	TOTAL OBS 7406	6766	7436	7200	7293	7198	7427	7435	7193	7421	7194	7437	87406

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AF WEATHER SERVICE/MAC

RELATIVE HUMIDITY

4523 LORING AFB ME 7-79 115
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MA	7-32	100.0	100.0	100.0	97.2	86.2	65.6	45.6	25.3	6.8	68.0	930
	03-05	100.0	99.9	99.8	99.2	93.2	72.8	50.5	27.8	7.7	70.0	930
	06-08	100.0	100.0	99.8	99.4	93.4	73.3	47.2	27.4	6.5	70.4	928
	9-11	100.0	100.0	99.1	93.9	77.1	55.4	34.5	19.7	9.5	64.2	930
	12-14	100.0	100.0	98.0	82.9	60.7	42.2	29.0	15.4	4.1	55.9	929
	15-17	100.0	100.0	98.9	79.4	57.1	42.2	30.9	15.5	4.7	58.2	930
	18-20	100.0	100.0	98.4	88.6	58.4	50.0	36.5	21.5	6.1	62.4	930
	21-23	100.0	100.0	99.7	95.7	79.5	57.9	41.1	23.6	9.1	66.1	928
TOTALS		100.0	100.0	99.0	92.1	77.0	57.6	39.5	22.0	6.2	64.7	7436

3
 GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

14623 LORING AFB ME 67-79 ALL
 STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	97.6	85.9	62.4	34.4	16.2	6.8	65.9	7474
FEB		100.0	100.0	99.4	94.8	87.8	59.2	36.3	18.1	5.6	65.0	6746
MAR		100.0	100.0	99.0	92.1	77.0	57.6	37.5	22.0	6.2	64.9	7436
APR		100.0	99.9	96.1	89.4	75.7	52.3	41.5	25.7	10.9	65.9	7270
MAY		100.0	99.6	93.2	82.5	70.1	56.8	42.3	28.1	9.8	60.9	7293
JUN		100.0	99.6	96.4	89.3	79.5	66.4	50.4	28.4	6.1	67.4	7198
JUL		100.0	100.0	99.6	95.3	86.0	71.7	54.0	30.8	7.7	71.2	7427
AUG		100.0	100.0	99.7	95.7	86.3	73.9	57.5	32.9	7.8	71.1	7435
SEP		100.0	100.0	99.6	96.9	88.7	77.3	62.2	34.3	7.1	72.4	7193
OCT		100.0	100.0	99.6	96.2	88.2	74.9	55.8	33.1	11.0	71.6	7421
NOV		100.0	100.0	99.9	99.3	95.2	84.7	64.0	35.4	9.0	74.3	7194
DEC		100.0	100.0	100.0	99.3	93.8	79.0	54.1	25.2	7.9	71.7	7437
TOTALS		100.0	99.9	98.7	94.0	83.9	68.4	49.3	27.5	8.0	68.7	87486

U S AIR FORCE
 ENVIRONMENTAL TECHNICAL
 APPLICATIONS CENTER

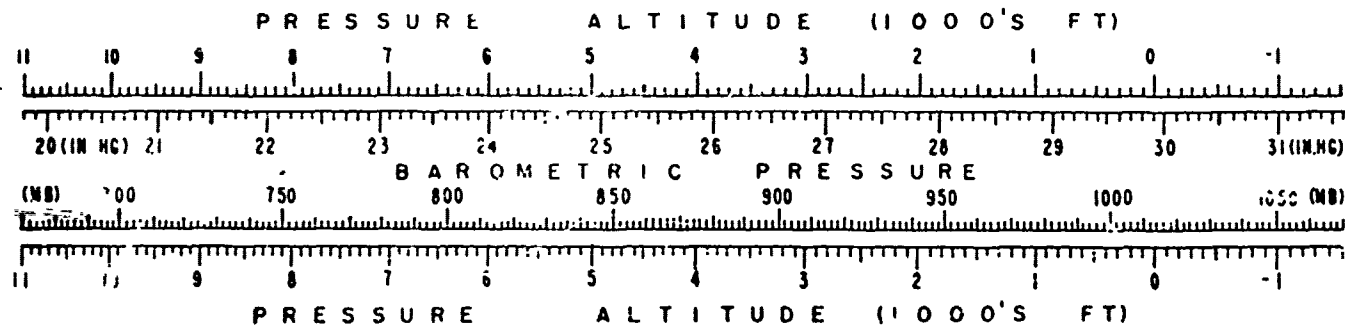
PART F PRESSURE SUMMARY

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.



GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

14623 LOPING AFB ME

69-79

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.01729	.05029	.04929	.03829	.11029	.13929	.13129	.17529	.20529	.21929	.16129	.118	29.118
	S D	.334	.324	.330	.267	.196	.241	.229	.220	.273	.346	.353	.395	.379
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	29.02029	.04829	.04529	.03729	.11329	.15029	.13729	.17329	.20329	.21329	.16129	.128	29.119
	S D	.335	.332	.336	.271	.203	.250	.238	.219	.280	.337	.360	.403	.369
	TOTAL OBS	310	282	310	300	310	299	310	310	300	310	300	310	3651
07	MEAN	29.03129	.05829	.06329	.05929	.13529	.16329	.15229	.19029	.22529	.23129	.17529	.137	29.135
	S D	.333	.343	.343	.275	.208	.243	.231	.208	.286	.326	.362	.404	.309
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	29.04529	.06829	.06129	.05929	.12829	.14929	.13129	.17529	.22329	.23229	.17729	.150	29.134
	S D	.335	.348	.349	.271	.203	.231	.210	.191	.264	.333	.363	.399	.308
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
13	MEAN	29.09929	.03029	.02829	.03729	.10229	.11729	.10829	.15729	.19229	.20029	.13529	.101	29.101
	S D	.331	.340	.339	.262	.193	.230	.206	.195	.268	.323	.347	.397	.299
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
16	MEAN	29.01129	.02929	.01929	.02429	.08329	.10429	.09729	.14329	.18229	.20529	.13729	.118	29.098
	S D	.324	.325	.326	.253	.185	.218	.219	.194	.271	.320	.340	.407	.298
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
19	MEAN	29.02129	.05129	.04329	.04529	.10029	.11829	.11229	.16129	.20029	.22029	.15929	.131	29.114
	S D	.328	.314	.320	.251	.185	.221	.217	.188	.271	.326	.350	.403	.295
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
22	MEAN	29.01929	.06029	.05029	.05129	.11629	.15029	.14529	.17429	.21729	.22629	.17029	.119	29.125
	S D	.335	.313	.324	.260	.188	.245	.240	.203	.286	.336	.356	.394	.303
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	299	310	3650
ALL HOURS	MEAN	29.02029	.04729	.04529	.04429	.11129	.13629	.12729	.16929	.20829	.21829	.15929	.125	29.118
	S D	.332	.330	.333	.264	.196	.234	.224	.203	.278	.331	.354	.400	.303
	TOTAL OBS	2480	2256	2480	2400	2480	2399	2478	2480	2400	2480	2398	2480	29211

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

14-23 LORING AFB ME

69-79

STATION	STATION NAME	YEARS												
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01		MEAN 1012.11	1013.11	1012.61	1011.91	1013.91	1013.21	1012.81	1014.51	1015.61	1016.61	1015.21	1014.5	1013.8
		SD 11.897	11.561	11.577	9.216	6.786	5.123	5.523	5.490	7.587	9.817	10.889	12.553	9.534
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
4		MEAN 1012.21	1013.01	1012.41	1011.81	1014.01	1013.31	1013.51	1014.61	1015.81	1016.71	1015.31	1014.5	1013.9
		SD 11.993	11.563	11.782	9.429	7.045	6.299	5.613	5.580	7.723	10.046	11.066	12.653	9.691
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
7		MEAN 1012.71	1013.51	1013.11	1012.61	1014.81	1014.11	1013.71	1015.51	1016.71	1017.41	1015.71	1014.8	1014.6
		SD 11.861	12.259	12.030	9.551	7.217	6.455	5.733	5.682	7.865	10.144	11.281	12.672	9.823
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	310	3652
10		MEAN 1013.21	1013.81	1013.11	1012.61	1014.61	1013.91	1013.51	1015.41	1016.61	1017.51	1015.91	1015.4	1014.6
		SD 11.975	12.368	12.242	9.411	7.039	6.370	5.719	5.677	7.805	10.100	11.396	12.751	9.852
		TOTAL OBS 310	282	310	300	310	300	310	310	300	310	300	309	3651
12		MEAN 1011.51	1012.41	1011.91	1011.81	1013.61	1013.01	1012.61	1014.51	1015.61	1016.41	1014.71	1013.9	1013.5
		SD 11.791	12.036	11.848	9.123	6.711	6.160	5.574	5.537	7.496	9.713	11.180	12.781	9.629
		TOTAL OBS 310	282	310	300	310	298	310	310	300	310	300	310	3650
16		MEAN 1011.81	1012.41	1011.61	1011.41	1013.01	1012.41	1012.11	1014.01	1015.11	1016.31	1014.81	1014.1	1013.3
		SD 11.599	11.541	11.341	8.766	6.440	5.958	5.391	5.265	7.232	9.372	10.856	12.747	9.352
		TOTAL OBS 310	281	310	300	310	300	310	310	300	310	299	310	3650
19		MEAN 1012.31	1013.21	1012.51	1012.11	1013.51	1012.81	1012.51	1014.41	1015.81	1017.01	1015.41	1014.8	1013.8
		SD 11.712	11.232	11.249	8.395	6.346	5.840	5.238	5.226	7.142	9.357	10.687	12.582	9.272
		TOTAL OBS 310	282	310	300	310	300	309	310	300	310	299	310	3652
22		MEAN 1012.21	1013.51	1012.71	1012.31	1014.01	1013.41	1013.01	1014.81	1016.01	1016.91	1015.31	1014.6	1014.1
		SD 11.948	11.152	11.394	8.991	6.358	5.964	5.325	5.350	7.383	9.622	10.675	12.713	9.370
		TOTAL OBS 310	282	310	300	310	300	309	310	299	310	299	309	3648
ALL HOURS		MEAN 1012.21	1013.11	1012.51	1012.11	1013.91	1013.31	1012.91	1014.71	1015.91	1016.91	1015.31	1014.6	1013.9
		SD 11.841	11.750	11.681	9.147	6.763	6.162	5.532	5.492	7.538	9.771	10.998	12.696	9.576
		TOTAL OBS 2480	2255	2480	2400	2480	2398	2478	2480	2399	2480	2397	2478	29205