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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT LEWIS WASHINGTON/GRAY AAF WBAN# 24201
N 47 05 W 122 35 ELEV 311 FT. KGRF WMO# 74207

PARTS A-F

POR FROM HOURLY OBS APR 39-JUL 40, JUN 60-DEC 70
POR FROM DAILY OBS APR 39-JUL 40, JUN 60-DEC 70

FEB 23 1972

FEDERAL BUILDING
ASHEVILLE, N. C.

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

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SECURITY CLASSIFICATION OF THIS PAGE *(When Data Entered)*

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1 REPORT NUMBER USAFETAC/DS- 79/085	2 GOVT ACCESSION NO.	3 RECIPIENT'S CATALOG NUMBER
4 TITLE *(and Subtitle)* Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Fort Lewis, Lacey, Washington		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
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18 SUPPLEMENTARY NOTES

19 KEY WORDS *(Continue on reverse side if necessary and identify by block number)*

*RUSSWO	Daily temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

20 ABSTRACT *(Continue on reverse side if necessary and identify by block number)*

This report is a six-part statistical summary of surface weather observations for Fort Lewis, Lacey, Wasnington
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)

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

* Washington * Fort Lewis, Wa

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS.

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
24201	FORT LEWIS WASHINGTON/GRAY AAF	N 47 05	W 122 35	311	KGRF	74207

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	HGT ~~PRESS~~ BAROMETER	
1	Gray Fld, Ft Lewis Wash.	AAF	Apr 39	Jul 40	N 47 05	W 122 37		283	24
2	Gray AAF, Ft Lewis Wash.	AAF	Jun 60	Feb 65	N 47 05	W 122 35	311	295	24
3	No change	AAF	Mar 65	Jul 68	No chge	No chge	No chge	330	No chge
4	No change	AAF	Aug 68	Aug 68	No chge	No chge	No chge	No chge	17
5	No change	AAF	Sep 68	Apr 69	No chge	No chge	No chge	No chge	24
6	No change	AAF	May 69	Dec 70	No chge	No chge	No chge	No chge	17

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 39 to Jul 40	Located in operations bldg.	Anemom-eter	None	40 ft	
2	Jun 60 to Nov 63	Located 1200 ft S of E-W Rnwy, 800 ft E of N-S Rnwy.	AN/GMQ-11	None	13 ft	
3	Dec 63 to Feb 64	Located 1040 ft from centerline off the N end of the N-S Rnwy.	No chge	None	No chge	

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

NUMBER OF NOTATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
4	Mar 64 to 13 Jun 67	Located 1040 ft E of N-S Rnwy centerline and 648 ft S of E-W Rnwy centerline.	No chge	None	No chge	
5	14 Jun 67 to Dec 70	No change	No chge	RO-214	No chge	

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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.

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

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 total columns.

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.

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.

PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms 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 tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than 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 columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

94201 FORT LEWIS WASHINGTON/GRAY AAF 60-69 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
HA	HOURLY		67.0	1.1	25.1	1.4	74.2	52.7	50.2			60.9	279
FE			63.0		6.7	.8	64.6	60.2	48.8			64.6	254
MA		.4	60.6		19.8	4.7	64.4	36.6	34.8			61.6	279
AP		2.2	64.8		1.9	7.0	65.2	30.4	26.7			36.3	270
MY		1.9	43.6		.4	3.6	43.6	22.2	15.4			24.2	266
JU		1.5	32.9			1.1	35.9	21.5	19.3			27.4	270
JUL		2.5	23.7			.4	23.7	18.5	21.1			25.4	279
AUG		2.4	33.6				33.6	29.7	33.6			39.9	253
SEP		2.6	38.9			.7	38.9	54.4	55.2			64.1	270
OCT		1.5	62.6			1.5	62.6	60.8	51.7	.4		66.8	265
NOV		.4	73.8		2.5	2.1	74.6	62.9	49.2			66.3	240
DEC		.4	72.8	1.8	21.9	.4	80.6	58.8	54.1			66.7	279
TOTALS		1.3	53.6	.2	5.8	2.0	55.3	42.4	38.3	.1		48.7	3204

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
742	[illegible] WASHINGTON/GRAY AAF	39-40,60-70	ALL

PRECIPITATION 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	22.3	.2	5.0	.0	26.7	20.3	18.3			26.4	7966
FEB			20.7		.7		21.2	13.3	12.8			19.8	7268
MAR			17.6		1.2	.0	18.6	7.7	7.3			11.1	7963
APR		.1	15.3		.1	.0	15.3	4.4	5.5			8.0	8429
MAY		.0	8.5		.0	.0	8.5	3.1	2.5		.1	4.5	8618
JUN		.0	7.3			.0	7.3	2.1	2.3			4.3	8938
JUL		.1	3.7				3.7	2.4	2.3			3.9	9013
AUG		.1	5.4				5.4	4.6	7.2			9.5	8318
SEP		.1	7.6				7.6	13.1	17.6			24.0	8217
OCT		.1	13.7			.0	13.7	18.7	18.4			28.1	8425
NOV		.0	21.9		.5		22.3	22.1	13.0			26.2	8037
DEC			25.5	.2	3.3		28.1	23.7	15.8			28.6	8491
TOTALS		.0	14.1	.0	.9	.0	14.9	11.6	10.3		.0	16.2	99683

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WEATHER CONDITIONS

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		21.7	.3	5.4		26.9	23.0	19.1			27.4	930
	03-05		20.4	.2	5.5		25.7	22.5	16.5			26.7	930
	06-08		22.9	.2	6.3		28.6	22.2	17.0			26.4	1023
	09-11		22.7		4.6		26.5	23.8	20.2			29.5	1022
	12-14	.1	24.5		4.6	.1	28.7	17.7	16.8			23.9	1023
	15-17		23.3		4.3		26.5	15.4	17.4			24.3	1023
	18-20		21.1		4.3		24.7	18.6	19.8			26.3	1023
	21-23		21.8	.2	5.1		26.2	20.5	19.6			26.6	992
TOTALS		.0	22.3	.1	5.0	.0	26.7	20.3	18.3			26.4	7966

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WEATHER CONDITIONS

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 40,61-70 | 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	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		21,2		,7		21,7	22,0	15,3			23,2	849
	03-05		23,2		1,1		23,8	22,1	15,0			23,9	849
	06-08		21,7		,8		22,4	24,3	16,5			28,3	933
	09-11		19,1		,3		19,4	19,2	17,0			26,3	933
	12-14		20,5		,4		20,8	7,5	10,4			14,5	933
	15-17		21,4		,9		22,2	6,0	7,0			11,0	933
	18-20		20,5		,8		21,0	9,6	10,9			15,6	933
	21-23		18,1		,4		18,2	12,0	10,6			15,5	905
TOTALS			20,7		,7		21,2	15,3	12,8			19,8	7266

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
40,61-70 — YEARS
MAR — 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
MAR	00-02		19.6		1.7		21.1	8.9	8.2			11.7	929
	03-05		21.2		1.1		22.3	14.3	10.7			16.1	928
	06-08		17.4		.6		18.0	19.5	13.8			23.2	1023
	09-11		17.0		1.0	.1	17.7	10.0	12.0			16.6	1022
	12-14		17.5		1.4	.1	18.5	3.2	5.1			7.0	1023
	15-17		18.2		1.5	.1	19.1	2.2	2.2			3.5	1023
	18-20	.1	15.0		.9		15.5	2.2	2.4			3.4	1023
	21-23		16.1		1.1		16.9	2.5	3.6			5.1	992
TOTALS		.0	17.8		1.2	.0	18.6	7.9	7.3			11.1	7963

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
APR	00-02		13,1		,1		13,2	4,3	6,3			8,0	989
	03-05		16,0		,1		18,0	10,9	8,7			14,3	995
	06-08		16,3				16,3	11,8	10,9			16,2	1080
	09-11	,1	15,4		,1		15,4	4,9	7,0			9,4	1080
	12-14		15,9		,2	,1	15,9	1,7	3,3			4,4	1080
	15-17	,1	15,0		,1	,2	15,1	1,1	1,9			2,8	1080
	18-20	,2	14,4				14,4	,9	2,0			2,9	1090
	21-23	,1	14,0				14,0	2,1	4,2			5,6	1045
TOTALS		,1	15,3		,1	,0	15,3	4,7	5,5			8,0	8429

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		8.1				8.1	2.6	1.4			3.8	986
	03-05		8.9				8.9	7.9	3.9			9.1	1027
	06-08		9.0		.1		9.0	8.3	6.4			11.3	1115
	09-11		9.2			.1	9.2	1.7	2.3			3.4	1116
	12-14		9.9				9.9	.7	.9			1.3	1116
	15-17	.2	8.9			.1	8.9	.5	1.4			1.9	1115
	18-20	.1	7.2				7.2	.3	1.4			2.7	1116
	21-23		6.5				6.5	2.0	1.9		.1	3.3	1027
TOTALS		.0	8.5		.0	.0	8.5	3.1	2.5		.0	4.8	8618

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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 39-40,60-70 | 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		6.6				6.6	1.9	2.4			3.7	989
	03-05		7.6				7.6	7.2	5.2			9.5	1050
	06-08		9.0				9.0	8.1	6.5			11.7	1170
	09-11		7.7				7.7	2.2	2.7			4.5	1170
	12-14	.1	7.9			.1	7.9	.9	.6			1.5	1170
	15-17	.1	8.0				8.0	.7	.6			1.3	1170
	18-20		5.8				5.8	.6	.8			1.4	1170
	21-23	.1	5.6				5.6	.6	.6			1.1	1049
TOTALS		.0	7.3			.0	7.3	2.9	2.3			4.1	8938

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL 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	.3	4.1				4.1	.4	1.8			2.2	996
	03-05	.1	4.3				4.3	6.0	4.1			7.9	1058
	06-08	.1	4.6				4.6	10.6	6.6			13.5	1182
	09-11	.1	3.5				3.5	2.1	4.2			5.2	1182
	12-14	.2	3.8				3.8	.5	.8			1.1	1182
	15-17		3.2				3.2		.5			.5	1179
	18-20	.1	2.8				2.8	.3	.4			.7	1179
	21-23	.1	3.0				3.0		.3			.3	1059
TOTALS		.1	3.7				3.7	2.4	2.3			3.9	9013

USAFETAC FORM 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 59,60-70 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.1	4.2				4.2	2.8	7.8			8.5	855
	03-05	.1	4.9				4.9	11.9	11.0			15.7	942
	06-08		5.7				5.7	14.2	14.7			22.4	1116
	09-11		6.0				6.0	4.[illegible]	11.9			14.3	1116
	12-14	.3	6.0				6.0	.2	3.8			4.6	1116
	15-17	.1	6.2				6.2	.2	2.2			3.0	1116
	18-20	.2	6.1				6.1	1.1	2.1			3.1	1116
	21-23		4.3				4.3	.4	3.7			4.1	941
TOTALS		.1	5.4				5.4	4.6	7.2			9.5	9313

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 39,60-70 | 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	.3	6.7				6.7	14.4	20.3			25.9	900
	03-05	.1	7.7				7.7	27.2	22.6			36.1	959
	06-08	.1	9.6				9.6	35.7	24.2			42.8	1078
	09-11		8.4				8.4	14.9	24.2			32.1	1080
	12-14	.2	6.1				6.1	3.1	13.7			15.4	1080
	15-17		6.2				6.2	1.3	9.3			10.5	1080
	18-20	.2	8.5				8.5	2.3	11.8			13.4	1080
	21-23	.1	7.2				7.2	5.7	14.7			15.9	960
TOTALS		.1	7.6				7.6	13.1	17.6			24.0	8217

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74201 FORT LEWIS WASHINGTON/GRAY AAF 39,60-70 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		12,2				12,2	26,9	24,0			35,8	896
	03-05		14,3				14,3	35,3	21,9			40,7	947
	06-08		15,0				15,0	35,5	18,3			39,7	1116
	09-11	.1	11,4				11,4	21,1	20,3			31,6	1116
	12-14	.3	16,6			.1	16,6	6,3	17,1			20,2	1116
	15-17		15,9				15,9	3,7	12,5			15,2	1115
	18-20	.1	13,3				13,3	6,5	14,9			17,9	1116
	21-23	.1	11,1				11,1	14,1	18,1			24,9	1003
TOTALS		.1	13,7			.0	13,7	18,7	18,4			28,1	9425

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24201 | FORT LEWIS WASHINGT-PT/GRAY AAF | 39,60-70 | NOV
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		23,5				23,5	26,9	16,8			30,9	810
	03-05		24,0		,1		24,0	29,3	14,6			31,4	810
	06-08		22,4		,6		22,8	28,3	10,9			30,4	1078
	09-11		21,7		,7		22,3	24,5	13,6			29,3	1080
	12-14		19,4		,7		19,9	15,3	10,1			19,8	1080
	15-17	,1	20,2		,8		20,9	13,4	10,6			18,6	1080
	18-20		21,1		,7		21,7	17,1	13,2			23,6	1080
	21-23		23,2		,5		23,4	21,3	14,0			25,4	1019
TOTALS		,0	21,9		,5		22,3	22,1	13,0			26,2	8037

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24261 FORT LEWIS WASHINGTON/GRAY AAF 59,60-70 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		26.7	.2	3.7		29.3	25.4	14.6			28.7	929
	03-05		26.1	.1	4.8		29.5	25.7	13.7			28.9	930
	06-08		27.7	.3	3.4		30.7	27.8	12.2			30.0	1116
	09-11		22.0	.3	1.7		24.7	25.5	16.0			31.2	1116
	12-14		22.6	.2	3.6		25.4	20.1	16.7			26.4	1116
	15-17		28.0		1.3		29.0	20.3	13.5			27.2	1116
	18-20		26.3		2.6		28.3	21.9	18.9			28.9	1114
	21-23		24.3	.2	3.6		27.6	23.1	15.5			27.6	1034
TOTALS			25.5	.2	3.3		28.1	23.7	15.8			28.6	8491

USAFETAC FORM JULY 64 0 10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.

2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40, 60-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW-DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	26.1	12.9	2.6	11.7	5.3	15.5	14.4	6.8	2.9					61.3	341	5.84	10.34	1.62
FEB	33.7	9.6	2.9	8.0	10.9	13.8	10.3	6.4	2.3					54.7	311	4.15	9.91	1.41
MAR	15.5	10.6	3.8	12.0	10.3	13.2	9.7	4.7	.3					54.0	341	3.33	5.25	.44
APR	36.4	14.2	5.6	12.2	8.1	12.5	7.2	2.8	1.1					49.4	360	2.72	4.01	.39
MAY	57.2	15.5	2.3	7.0	5.0	6.2	4.4	2.3						27.3	341	1.51	2.67	.53
JUN	62.1	13.9	2.1	6.9	2.6	6.7	3.9	1.5	.5					24.1	390	1.17	3.79	.00
JUL	74.2	10.2	1.6	3.3	3.8	4.0	1.1	1.1	.3					15.6	372	.79	1.50	TRACE
AUG	67.7	12.0	2.1	6.5	4.7	4.1	1.2	1.8						20.2	341	.94	2.44	TRACE
SEP	60.3	14.7	1.1	4.7	3.9	7.5	5.0	2.5	.3					25.0	360	1.74	4.51	.32
OCT	40.0	16.1	4.8	11.0	2.9	11.3	7.1	6.1	.6					41.9	310	3.02	4.67	1.21
NOV	30.0	10.9	3.6	10.0	10.0	12.4	12.1	7.0	3.9	.3				59.4	330	5.61	11.35	2.03
DEC	19.1	11.4	2.6	14.1	8.5	18.2	15.0	8.5	2.6					69.5	341	5.93	10.04	3.52
ANNUAL	45.4	12.6	2.9	9.0	6.3	10.4	7.6	4.5	1.2	.0				42.0	4138	36.95		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

24[illegible] STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40, 60-70 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
3[illegible]				.21	.54	.36	.76	.48	.20	.90	.36		
4[illegible]	.37	1.08	.79	1.20	.89	.04							
6[illegible]						.32	TRACE	.58	.25	1.31	1.67	1.07	
6[illegible]	.02	1.53	.58	.60	.69	.47	.66	.51	.09	.65	1.16	.95	1.53
6[illegible]	.92	.53	.40	.96	.30	.36	.11	.50	.61	1.30	2.67	.70	2.67
6[illegible]	1.29	1.47	.73	.70	.47	.25	.61	.77	.47			.83	
6[illegible]	1.29	.26	.49	.25	.35	.80	.43	.45	1.61	.30	1.19	1.42	1.61
6[illegible]	1.32	.94	.22	1.57		.31	.41	.92	.22	.56	.61	1.16	
6[illegible]	.97	.51	.89	1.30	.99	.61	.63	.11	.91	.82	1.35	1.17	1.35
6[illegible]7	1.49	.93	.40	.66	.22	1.13	.06	TRACE	.59		.72	.85	
6[illegible]	.93	1.16	1.43	.87	.83	1.46	1.20		.72	.61	.97	1.11	
6[illegible]	.83	1.32	.42	.45	.67	.40	.10	.05	.82	.73	1.25	.56	1.32
7[illegible]	1.35	1.35	.89	1.12	.31	.62	.13	.18	.68	.66	.94	1.85	1.85
MEAN	1.03	1.01	.67	.82	.54	.55	.43	.42	.60	.78	1.17	1.06	1.72
S.D.	.373	.421	.332	.423	.241	.387	.364	.301	.414	.317	.616	.353	.502
TOTAL OBS.	341	311	341	360	341	390	372	341	360	310	330	341	4[illegible]

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

[redacted] FORT LEWIS WASHINGTON/GRAY AAF 39-40, 60-70
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
[redacted]				.21	.54	.36	.78	.48	.20	.96	.36		
40	.37	1.08	.79	1.20	.59	.04							
67						.32	TRACE	.58	.25	1.31	1.67	1.07	
68	.02	1.53	.58	.60	.69	.47	.66	.51	.09	.65	1.16	.98	1.53
69	.32	.53	.48	.96	.30	.36	.11	.56	.61	1.30	2.67	.70	2.67
60	1.29	1.47	.73	.70	.47	.25	.61	.77	.47			.83	
66	1.29	.26	.49	.25	.35	.80	.43	.45	1.61	.30	1.19	1.42	1.61
69	1.32	.94	.22	1.57		.31	.41	.92	.22	.56	.61	1.16	
66	.97	.51	.89	1.30	.99	.61	.63	.11	.91	.82	1.35	1.17	1.35
67	1.59	.93	.40	.66	.22	1.13	.06	TRACE	.59		.72	.85	
68	.93	1.16	1.43	.87	.83	1.46	1.20		.72	.61	.97	1.11	
69	.83	1.32	.42	.45	.67	.40	.10	.05	.82	.73	1.25	.56	1.32
70	1.35	1.35	.89	1.12	.31	.62	.13	.18	.68	.66	.94	1.05	1.65
MEAN	1.03	1.01	.67	.82	.54	.55	.43	.42	.60	.78	1.17	1.06	1.72
S.D.	.373	.421	.332	.423	.241	.397	.304	.301	.414	.317	.616	.353	.502
TOTAL OBS.	341	311	341	360	341	390	372	341	360	310	330	341	4135

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40, 50-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 100	1 01 2 50	2 51 3 00	3 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01 04	05 14	15 24	25 34	35 44	45 64	65 104	105 154	155 254	255 504	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	75.8	12.6	2.3	3.2	2.9	2.3	.6	.3						11.6	310	0.2	28.7	.0
FEB	95.6	5.3		.4	.4			.4						1.1	282	.9	5.2	.0
MAR	89.4	7.4	1.0	1.6		.3			.3					3.2	310	1.5	11.9	.0
APR	97.0	3.0													300	TRACE	TRACE	.0
MAY	99.7	.3													310	TRACE	TRACE	.0
JUN	100.0														330	.0	.0	.0
JUL	100.0														341	.0	.0	.0
AUG	100.0														341	.0	.0	.0
SEP	100.0														330	.0	.0	.0
OCT	100.0														327	.0	.0	.0
NOV	96.3	2.3	.3	.7				.3						1.3	300	.7	5.2	.0
DEC	78.9	13.5	2.3	2.6	1.3	.6	.3							7.6	341	2.5	14.0	.0
ANNUAL	94.2	3.7	.5	.7	.4	.3	.1	.1	.0					2.1	3822	11.7		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40, 60-70 (YEARS)

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 .50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5-25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	90.0	.3	5.6	1.2	.4	.9	1.2							9.7	341			
FEB	98.1	.6	.3	.3		.6								1.3	311			
MAR	97.9	.3	.3	.3	.9	.3								1.8	341			
APR	100.0														360			
MAY	100.0														372			
JUN	100.0														390			
JUL	100.0														394			
AUG	100.0														372			
SEP	100.0														360			
OCT	100.0														371			
NOV	96.9	.3		.3	.3	.3								.8	360			
DEC	96.0		2.2	1.1	.5	.3								4.0	372			
ANNUAL	98.4	.1	.7	.3	.2	.2	.1							1.5	4344			

1210 WS FORM JUL 64 0-15-5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40, 60-70 (YEARS)

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39													
40													
60						.0	.0	.0	.0	.0	5.2	.0	
61	.0	1.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.6	1.5
62	TRACE	5.2	1.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	5.2
63	1.6	.0	TRACE	TRACE	.0	.0	.0	.0	.0*	.0		.0	
64	1.5	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	1.1	2.5	2.5
65	2.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.4
66	3.0	1.0	6.8	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.8
67	3.0	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	.0	1.8	3.0
68	6.3	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	3.5	6.3
69	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
70	1.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.4	.5	1.0
MEAN	2.23	.77	.92	TRACE	TRACE	.00	.00	.00	.00	.00	.67	1.02	3.58
S.D.	1.879	1.645	2.126	.000	.000	.000	.000	.000	.000	.000	1.630	1.274	2.070
TOTAL OBS	310	282	310	300	310	330	341	341	330	327	300	341	3822

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40, 60-70 (YEARS)

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39				0	0	0	0	0	0	0	0	0	
40	TRACE	0	0	0	0	0*	0						
60						0	0	0	0	0	5	0	
61	0	0	0	0	0	0	0	0	0	0	0	1	1
62	0	TRACE	6	0	0	0	0	0	0	0	0	0	6
63	1	TRACE	0	0	0	0	0	0	0	0	TRACE	0	1
64	0	0	0	0	0	0	0	0	0	0	0	2	2
65	1	0	0	0	0	0	0	0	0	0	0	1	1
66	1	0	3	0	0	0	0	0	0	0	0	0	3
67	3	0	0	0	0	0	0	0	0*	0	0	2	3
68	4	0	0	0	0	0	0	0	0	0	0	4	4
69	12	6	0	0	0	0	0	0	0	0	0	0	12
70	0	0	0	0	0	0	0	0	0	0	0	0	0
MEAN	2.0	.5	.8	.0	.0	.0	.0	.0	.0	.0	.4	.8	3.3
S D	3.578	1.809	1.940	.000	.000	.000	.000	.000	.000	.000	1.443	1.267	3.529
TOTAL OBS.	341	311	341	360	372	390	394	372	360	371	360	372	4344

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

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

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24201 (STATION) FORT LEWIS *ASHINGTON/GRAY AAF (STATION NAME) 39-40, 60-70 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
39													
40													
60						.0	.0	.0	.0	.0	5.2	.0	
61	.0	1.5	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.9	2.4
62	TRACE	5.2	2.3	.0	.0	.0	.0	.0	.0	.0	TRACE	.0	7.5
63	1.6	.0	TRACE	TRACE	.0	.0	.0	.0	.0*	.0		.0	
64	1.5	TRACE	1.1	TRACE	.0	.0	.0	.0	.0	.0	1.8	5.3	9.7
65	5.4	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.5
66	5.3	1.0	11.9	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	18.2
67	3.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0*	.0	.0	3.2	6.5
68	15.2	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	14.0	29.2
69	28.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	28.7
70	1.0	.0	.0	TRACE	.0	.0	.0	.0	.0	.0	.4	.5	1.9
MEAN	6.20	.77	1.53	TRACE	TRACE	.00	.00	.00	.00	.00	.74	2.55	12.62
S D	9.094	1.645	3.722	.000	.000	.000	.000	.000	.000	.000	1.665	4.254	10.404
TOTAL OBS	310	282	310	300	310	330	341	341	330	327	300	341	3822

NOTE * (BASED ON < FULL MONTHS)

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

3

ATA PROCESSING DIVISION
SAT ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION | STATION NAME | YEARS

MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS

PRECIP
DAYS

MEAN
S D
TOTAL OBS

USAF ETAC FORM JUL 64 0 88 5 (OLI)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

   NOTE: According to Circular N specifications, "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 direction and speed, and in addition the mean wind speed 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 VARBL.

   a. Three tables are prepared for all surface winds included, and for all years combined as follows:

      (1) Annual - all hours combined

      (2) By month - all hours combined

      (3) By month - by standard 3-hour groups

   b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: 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.

C

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

24231 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 09... — 67-70 YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
67					46 34 SW	20 WSW	22 SW	23 SW	23				
68							35 SW	17 WSW	14 SW	42 SW	39	36 SW	42
69	45 33	39 SE	38 SW	30 SW	20 SW	27	20/ 27		18/ 30	11/ 24	18/ 28	10/ 32	
70	18/ 28	14/ 28	14/ 30	18/ 30	27/ 24	22/ 10	21/ 16	23/ 23	18/ 29	20/ 20	11/ 31	17/ 40	17/ 40
71	22/ 32	4/ 30	19/ 26	25/ 30	21/ 21	23/ 24	25/ 19	2/ 16	24/ 22	19/ 25	19/ 31	19/ 36	19/ 37
MEAN	31.0	24.3	33.3	30.9	26.3	22.3	20.6	20.0	20.6	28.5	31.5	35.0	30.
S.D.					5,360	4,031	4,037	3,559	8,111	7,047	3,816	3,829	
TOTAL OBS.	92	85	93	90	124	119	152	124	149	122	117	122	11

USAF ETAC FORM 0-88-5 (OL1)

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

[illegible] [illegible] WASHINGTON/GRAY [illegible] 65) 57-72
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
													WINDS
						0	0	0	0	0	0	0	DAYS
													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
													WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
													WINDS
	0	0	0	SSW 28	0	0	0	0	0	0	0	0	DAYS
				28									WINDS
	0	0	0	0	0	0	0	0	0	0	0	0	DAYS
						NNW 17							WINDS
	0	0	0	0	0	15							DAYS
								SW 17					WINDS
								21					DAYS
MEAN													
S.D.													
TOTAL OBS													

USAF ETAC FORM 0-88-5 (OL1)

[redacted]

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) ALL (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	.9	1.9	.8	.1								3.7	5.2
NNE	1.6	2.1	1.3	.2	.0							4.1	5.7
NE	.9	1.3	.7	.1	.0		.0					3.0	5.3
ENE	.5	.4	.2	.0	.0	.0						1.2	4.5
E	.5	.2	.0	.0								.7	3.0
ESE	.7	.3	.0	.0								1.0	3.1
SE	.8	.5	.2	.0	.0							1.5	3.9
SSE	1.5	1.3	.5	.1	.0	.0	.0					3.4	4.4
S	2.9	4.0	3.1	1.1	.2	.0	.0					11.3	6.2
SSW	1.7	4.9	5.3	1.4	.1	.0						13.3	7.1
SW	1.1	2.2	2.3	.6	.0	.0						6.3	6.8
WSW	.7	1.1	1.2	.4	.0	.0	.0					3.4	6.9
W	1.1	1.6	1.1	.3	.0							4.2	5.9
WNW	.9	1.9	1.0	.1	.0							3.9	5.5
NW	.9	1.3	.7	.								2.9	4.9
NNW	.6	1.0	.4	.0	.0							2.1	4.7
VARBL													
CALM												33.5	
	16.7	25.9	18.8	4.6	.4	.0	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 99,61

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24211 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | JAN MONTH

ALL WEATHER CLASS | ALL HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5	.4	.0								1.5	4.7
NNE	1.1	1.7	1.2	.1	.0							4.1	5.6
NE	1.1	1.3	.6	.0	.0							3.2	5.0
ENE	.6	.7	.3	.1		.0						1.8	4.7
E	.6	.2	.0									1.0	2.7
ESE	.9	.4	.0									1.3	2.9
SE	1.0	.0	.2	.0								1.3	3.7
SSE	1.7	1.5	.9	.1								4.1	4.8
S	2.0	5.2	6.0	3.0	.5	.1	.0					17.3	7.8
SSW	1.2	3.8	7.6	3.4	.4	.0						16.4	8.6
SW	.5	.9	1.6	1.0	.1	.0						4.0	8.6
WSW	.4	.4	.5	.5	.0							1.7	8.0
W	.5	.5	.2	.1	.0							1.2	5.0
WNW	.3	.3	.1	.0	.0							.7	4.0
NW	.4	.2	.0									.6	3.3
NNW	.4	.2	.1		.0							.6	3.4
VARBL													
CALM												30.3	
	14.2	18.1	19.9	8.3	1.1	.1	.0					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7307

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	4001-70	FEB	ALL WEATHER	ALL
STATION	STATION NAME	YEARS	MONTH	CLASS	HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.3	.1								2.1	4.9
NNE	.6	1.0	.3	.1								2.5	5.4
NE	1.0	1.2	.4	.2								2.8	5.1
ENE	.6	.6	.1	.0								1.3	3.9
E	.6	.2	.0									.8	2.8
ESE	1.0	.5	.1	.0								1.6	3.3
SE	1.0	.6	.2	.0								1.8	4.0
SSE	1.7	1.6	.6	.1								3.9	4.3
S	3.3	4.4	4.4	1.8	.1							14.1	6.6
SSW	2.0	4.9	6.9	2.4	.2	.0						16.4	7.7
SW	.7	1.8	2.5	1.1	.1	.0						6.2	7.0
WSW	.4	.7	.8	.4	.0	.0						2.3	7.6
W	.4	.7	.4	.2	.1							1.7	6.5
WNW	.5	.2	.1	.0								1.1	4.2
NW	.5	.5	.1									1.0	3.7
NNW	.5	.6	.1									1.1	3.6
VARBL													
CALM												39.1	
	15.0	20.0	17.8	6.3	.5	.1						100.0	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7264

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
3 TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94201	FORT LEWIS WASHINGTON/GRAY AAF	40,01-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

ALL
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	1.0	.8	.1								3.3	5.4
NNE	1.1	2.1	1.5	.3								4.8	5.9
NE	.6	1.5	.7	.1								2.9	5.5
ENE	.6	.3	.2	.0								1.1	4.2
E	.7	.2	.1									.9	3.0
ESE	.8	.2	.1									1.1	3.1
SE	1.2	.6	.3	.1								2.2	4.2
SSE	1.5	1.4	.7	.2	.0							3.9	4.9
S	3.1	4.5	3.9	1.8	.4	.0						13.7	6.9
SSW	1.8	5.0	6.4	1.9	.2	.0						15.3	7.5
SW	.8	1.8	2.4	.7	.2							5.8	7.5
WSW	.5	.8	1.2	.4		.0						2.9	7.5
W	.6	.9	1.1	.2	.1							3.0	6.5
WNW	.6	.7	.2	.0								1.6	4.4
NW	.5	.8	.1	.0								1.5	4.2
NNW	.6	.7	.3									1.8	4.3
VARBL													
CALM												34.1	
	16.0	23.4	19.8	5.6	.8	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7965

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

14211	FT LEWIS WASHINGTON/GRAY AAF	39-40,61-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	.7	.2								3.7	5.4
NNE	.7	1.3	1.0	.2								3.3	6.1
NE	.5	1.0	.7	.1	.0							2.4	6.0
ENE	.5	.4	.1	.0								1.0	3.9
E	.6	.3	.0									1.0	3.1
ESE	.6	.3	.0									1.1	2.8
SE	.8	.5	.1									1.5	3.5
SSE	1.6	1.0	.4	.0								3.1	4.0
S	3.3	4.3	3.1	1.0	.1							11.9	5.9
SSW	1.5	6.4	6.6	1.6	.1							16.4	7.0
SW	1.3	2.7	3.7	1.2	.0							9.0	7.2
WSW	.8	1.9	2.1	.9	.0							5.6	7.5
W	1.9	1.8	1.9	.9	.1							5.7	7.1
WNW	.7	1.6	1.0	.3	.0							3.7	6.1
NW	1.1	1.2	.6	.1								2.9	4.8
NNW	.6	1.1	.4	.0								2.1	4.7
VARBL													
CALM												26.2	
	17.0	27.2	22.5	6.6	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 8429

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24211 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 59-40,61-70 (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	.9	2.3	1.4	.1								4.7	5.6
NNE	1.0	2.4	1.9	.2								5.5	5.8
NE	.9	1.4	1.3	.1								3.7	5.8
ENE	.6	.6	.4	.1								1.7	5.0
E	.4	.1	.0									.5	3.8
ESE	.5	.2										.7	3.6
SE	.5	.2	.0									.7	3.7
SSE	1.2	.8	.1	.0								2.1	4.4
S	3.0	3.0	1.5	.2	.0							7.7	4.7
SSW	1.9	5.7	4.1	.6	.0							12.4	6.2
SW	1.6	3.1	3.0	.9								8.5	5.5
WSW	1.4	1.8	2.0	.6	.1							5.9	6.6
W	1.5	2.6	2.2	.7	.0							7.0	6.4
WNW	1.0	3.0	1.7	.3								6.0	5.9
NW	1.1	2.0	1.1	.1								4.3	5.2
NNW	.8	1.5	.8	.0								3.1	5.2
VARBL													
CALM												25.7	
	18.1	30.6	21.6	3.9	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 8021

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-70	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.0	1.2	.1								5.6	5.0
NNE	1.2	2.8	1.8	.1	.0							6.0	5.7
NE	.8	1.2	1.0	.1								3.1	5.6
ENE	.3	.4	.2	.0								1.0	4.9
E	.3	.1	.0									.5	3.5
ESE	.3	.1	.0									.5	3.0
SE	.4	.3	.0									.7	3.7
SSE	1.1	.8	.1									2.0	3.4
S	2.7	2.6	1.0	.1								6.4	4.3
SSW	2.4	6.1	4.1	.3								12.8	5.8
SW	1.7	3.7	3.3	.4								9.1	6.2
WSW	1.0	1.7	2.5	.3								5.6	6.6
W	1.6	3.1	2.0	.5								7.5	5.8
WNW	1.5	3.1	2.3	.3								7.2	5.9
NW	1.5	2.2	1.3	.2								5.2	5.2
NNW	.9	1.8	1.0	.0								3.6	5.3
VARBL													
CALM												23.2	
	19.3	33.3	21.8	2.4	.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 8930

USAFETAC FORM 0-3-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	3.3	1.6	.1								6.5	5.3
NNE	1.1	2.6	1.9	.2								6.1	5.9
NE	.5	1.3	.8	.2								2.8	5.9
ENE	.3	.3	.2	.1								.8	5.6
E	.3	.1	.0									.4	3.1
ESE	.2	.0	.0									.3	2.9
SE	.2	.1	.0									.3	2.9
SSE	.6	.3	.0									.9	2.9
S	2.7	2.4	.7	.0								5.8	4.0
SSW	1.8	4.4	2.0	.2								8.4	5.2
SW	1.8	3.1	1.9	.3								7.0	5.5
WSW	1.2	1.8	1.2	.2	.0		.0					4.5	5.6
W	2.8	3.4	1.7	.3	.0							8.2	5.0
WNW	2.2	5.0	3.0	.3								10.4	5.6
NW	1.9	3.4	2.2	.1								7.6	5.1
NNW	1.0	2.0	.6	.0								3.9	4.9
VARBL													
CALM												25.9	
	20.2	33.7	18.2	2.0	.0		.0					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 9999

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,00-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	3.7	1.3	.2								6.3	3.4
NNE	1.3	3.4	1.9	.4	.0							7.0	5.9
NE	.7	1.4	1.1	.2	.0							3.5	6.0
ENE	.3	.3	.2	.1	.0							.9	5.8
E	.2	.2	.0	.0								.6	3.4
ESE	.2	.1	.0									.3	3.1
SE	.4	.2	.0									.6	2.8
SSE	1.0	.7	.1									1.9	3.5
S	2.0	2.8	1.3	.1								7.0	4.7
SSW	1.5	4.9	2.9	.4								9.7	6.0
SW	1.1	2.8	2.1	.3								6.4	6.0
WSW	1.0	1.6	1.0	.2								3.8	5.6
W	1.7	2.5	1.7	.2								6.2	5.4
WNW	1.4	4.0	1.8	.3								7.5	5.6
NW	1.4	2.6	1.5	.1								5.5	5.2
NNW	.8	1.6	.6	.1								3.1	5.1
VARBL													
CALM												29.8	
	17.0	32.8	17.7	2.6	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 8312

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 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	1.0	2.9	1.3	.2								5.1	5.5
NNE	1.2	3.5	2.0	.2								6.8	5.7
NE	1.1	1.5	1.0	.2	.0		.0					3.8	5.5
ENE	.4	.3	.3	.1	.0							1.1	5.4
E	.5	.1	.0									.6	2.5
ESE	.5	.1										.7	2.5
SE	.7	.2	.0									1.0	2.8
SSE	1.3	.9	.1	.0								2.3	3.6
S	3.0	3.7	1.8	.6								9.0	3.1
SSW	1.4	3.9	3.9	.7	.0	.0						9.8	6.7
SW	1.0	2.2	1.9	.5								5.5	6.4
WSW	.5	1.0	.9	.4	.0							2.9	6.9
W	.9	1.4	.8	.4	.0							3.5	5.9
WNW	.9	2.0	1.0	.0								3.9	5.3
NW	1.0	1.2	.5									2.7	4.4
NNW	.7	1.2	.3									2.3	4.3
VARBL													
CALM												38.7	
	16.2	26.1	15.7	3.0	.1	.0	.0					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 8217

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (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	.8	1.1	.4	.0								2.1	4.7
NNE	.8	1.9	.6	.2								3.1	5.4
NE	.9	1.2	.3	.1								2.5	4.7
ENE	.5	.5	.1									1.1	3.7
E	.4	.1	.0									.5	3.4
ESE	.7	.5	.1	.0								1.4	3.6
SE	1.2	.9	.2	.1								2.4	4.0
SSE	2.2	2.1	.7	.1	.0	.0	.0					5.2	4.6
S	3.0	5.1	3.8	1.2	.2	.0						13.4	5.4
SSW	1.4	4.4	5.6	1.4	.2							12.9	7.4
SW	.7	1.5	2.3	.6	.0							5.0	7.2
WSW	.5	.7	.7	.3								2.1	6.6
W	.7	1.0	.6	.1								2.4	5.4
WNW	.8	.9	.2	.1								1.9	4.4
NW	.0	.7	.1	.0								1.5	3.8
NNW	.6	.7	.1	.0								1.4	4.1
VARBL													
CALM												40.9	
	15.6	23.0	15.9	4.2	.4	.0	.0					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 8424

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,00-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.6	.3									1.7	4.1
NNE	.8	1.3	.6	.0								2.7	4.9
NE	.9	1.2	.2	.0								2.4	4.2
ENE	.7	.3	.0									1.0	3.1
E	.6	.3										.9	3.1
ESE	1.0	.7	.1	.0								1.8	3.3
SE	1.3	1.1	.3	.1	.0							2.8	4.3
SSE	2.2	2.6	.9	.2	.0							6.1	4.7
S	2.9	5.9	5.1	1.5	.2							15.5	6.6
SSW	1.3	4.4	7.0	1.7	.2	.0						14.6	7.7
SW	.6	1.1	1.5	.4	.0							3.7	7.2
WSW	.3	.5	.4	.4	.0							1.2	7.7
W	.6	.5	.2	.1	.0							1.5	5.5
WNW	.6	.4	.1	.0								1.1	3.7
NW	.5	.3	.1									.9	3.4
NNW	.6	.3	.0									.0	3.3
VARBL													
CALM												40.6	
	15.8	21.8	16.8	4.5	.0	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 8057

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT L NTS WASHINGTON/GRAY AAF	39,60-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	.1									.9	3.6
NNE	.9	1.0	.7	.0								2.6	5.2
NE	1.4	1.1	.4	.0	.0							2.9	4.2
ENE	.5	.4	.2									1.1	3.9
E	.7	.2	.0									.9	2.7
ESE	1.0	.6	.1									1.8	3.5
SE	1.4	.9	.6	.2								3.0	4.7
SSE	1.6	1.9	1.1	.3	.1							5.1	5.7
S	3.0	4.9	4.9	2.4	.3	.0						15.6	7.2
SSW	1.2	4.5	7.2	2.1	.1							15.1	7.8
SW	.8	1.2	1.8	.6	.0							4.4	7.2
WSW	.4	.4	.5	.2	.1	.0						1.6	7.5
W	.5	.4	.2	.1	.0							1.4	5.9
WNW	.3	.2	.0									.5	3.3
NW	.4	.1	.0									.5	2.8
NNW	.2	.1	.0									.3	3.4
VARBL													
CALM												42.1	
	15.1	18.2	17.8	6.1	.6	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 8490

ATA PROCESSIN DIVISION
ETAC/USAF
AIR WEATHER SE VICE/HAC

SURFACE WINDS

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

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-67 YEARS | JAN MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.4									.8	6.1
NNE	.4	1.0	1.0									2.4	6.0
NE	1.1	1.0	.4									2.5	4.5
ENE	1.0	.8	.3									2.0	3.9
E	.5	.1										.6	2.7
ESE	1.0	.5										1.5	2.8
SE	.5	.8	.3									1.6	4.4
SSE	2.0	1.5	1.1	.2								5.4	4.7
S	3.7	3.7	6.6	2.9	.3							19.1	7.2
SSW	1.3	4.7	6.3	2.8		.1						15.3	8.0
SW	.1	.3	1.4	1.1	.1							3.0	10.3
WSW	.2	.3	.4	.1								1.1	6.5
W	.3	.1	.1	.1								.6	5.5
WNW	.2	.1										.6	2.3
NW													
NNW	.5											.5	2.2
VARBL													
CALM												42.9	
	14.0	17.0	18.4	7.2	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-69 (YEARS) JA (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	.4									.6	7.2
NNE	.5	.9	.8									2.2	5.4
NE	1.1	1.4	.6									3.1	4.9
ENE	.8	.6	.3	.2								1.8	5.3
E	.3	.1										.4	2.3
ESE	.8	.3	.1									1.1	3.4
SE	1.3	1.1	.2									2.6	3.6
SSE	2.7	2.3	1.1									5.5	4.5
S	2.1	7.2	6.8	2.6	.3		.1					19.7	7.3
SSW	1.2	3.8	6.1	2.6	.5							14.2	8.4
SW	.3	.2	.9	.6	.1							2.2	5.4
WSW	.2	.1	.1	.2								.6	7.3
W		.4	.1		.1							.6	7.3
WNW	.2	.2			.1							.5	6.4
NW	.2											.2	2.0
NNW	.3											.3	2.3
VARBL													
CALM												44.2	
	11.9	18.7	17.0	6.2	1.2		.1					100.0	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) 0600-0900 (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	.4	.3									1.1	4.5
NNE	.7	1.5	.8	.1								3.1	5.5
NE	.8	.8	.5									2.1	4.7
ENE	.9	.6	.2	.1								1.8	4.1
E	1.2	.4										1.6	2.6
ESE	1.5	.2	.1									1.8	2.6
SE	1.7	.8	.5	.1								2.9	4.3
SSE	2.0	2.2	1.7									5.8	5.2
S	3.9	6.3	5.1	2.2	.4							17.9	6.7
SSW	1.0	3.7	6.6	3.2	.4							15.0	8.7
SW	.8	.4	1.0	1.1	.2							3.4	8.7
WSW	.2	.2	.1	.1								.6	6.3
W	.1											.1	3.0
WNW		.3										.3	4.0
NW	.2											.2	2.4
NNW	.1	.1										.2	2.5
VARBL													
CALM												42.5	
	15.2	17.5	16.8	6.9	1.0							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 1223

USAFETAC FORM 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
THE WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	60,61-70	JAN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.5									1.1	5.3
NNE	1.0	1.5	.7	.1								3.3	5.3
NE	1.7	1.3	1.0	.1								4.5	4.9
ENE	.5	.3	.2			.1						1.1	4.9
E	.6	.4	.2									1.2	3.9
ESE	1.2	.7										1.4	2.5
SE	.6	.6	.1									1.3	4.1
SSE	1.6	2.0	.8	.2								4.5	5.0
S	2.6	5.7	6.7	2.7	.8	.2						19.0	7.9
SSW	1.9	4.2	6.8	4.4	.4							17.7	8.5
SW	.7	.5	1.5	.7								3.3	7.7
WSW	.7	.4	.6	.1								1.8	5.6
W	.5	.7	.1									1.3	4.3
WNW	.5	.2	.2									.8	3.1
NW	.2	.2										.4	2.5
NNW	.4	.3	.1									.9	3.9
VARBL													
CALM												31.3	
	15.3	19.3	19.4	8.3	1.2	.3						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 1023

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	40,61-70	JAN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.3	.5	.2								3.3	4.5
NNE	2.0	2.6	2.0	.2	.1							6.9	5.8
NE	.9	2.0	1.0		.2							4.6	6.4
ENE	.6	.8	.4	.1								1.9	5.4
E	1.3	.1										1.4	2.4
ESE	.6	.7										1.3	3.5
SE	.7	.2	.2									1.1	3.5
SSE	.6	.7	.7	.2								2.2	5.7
S	1.4	2.4	5.9	3.7	.6							14.0	9.0
SSW	.7	3.2	9.4	6.1	.4							19.7	9.6
SW	.6	1.5	2.5	1.7	.1	.1						6.5	8.7
WSW	.7	.7	.9	1.6	.2							4.0	9.6
W	1.2	1.3	.2	.1	.1							2.8	4.9
WNW	.6	.8	.2									1.8	3.8
NW	1.3	.5	.3									2.1	3.7
NNW	.8		.2									1.0	3.3
VARBL													
CALM												25.7	
	15.2	18.7	24.8	13.8	1.7	.1						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261	FORT LEWIS WASHINGTON/GRAY AAF	40,61-70	JAN
STATION	STATION NAME	YEARS	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	1.4	.4	.1								3.1	4.8
NNE	2.6	2.8	2.2	.4								8.0	5.5
NE	1.5	1.7	1.0									4.1	4.4
ENE	1.0	.7	.4									2.1	4.2
E	.7	.2										.9	2.1
ESE	.6	.2										1.0	2.2
SE	1.1	.5										1.6	2.6
SSE	1.2	.4	.7									2.7	4.5
S	1.5	3.9	5.8	3.7	.5	.1	.1					15.5	8.9
SSW	1.2	3.7	9.9	2.9	.2	.1						18.0	8.5
SW	.3	1.7	2.2	1.1	.3							5.6	9.0
WSW	.6	.6	1.3	1.0								3.6	8.6
W	1.0	.6	.5	.4								2.4	5.3
WNW	.3	.6	.1	.1								1.1	5.2
NW	.6	.4										1.0	2.9
NNW	.6	.5	.1									1.2	3.5
VARBL													
CALM												28.7	
	16.0	19.8	24.4	9.7	1.0	.2	.1					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40.61-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2	.2									1.2	3.7
NNE	.0	2.0	1.2	.2								3.9	6.1
NE	1.1	.7	.6									2.3	4.5
ENE	.8	.6	.5	.1								2.0	5.2
E	.9	.2										1.1	2.5
ESE	.6	.3										1.3	3.2
SE	1.1	1.0										2.1	3.1
SSE	1.9	2.0	.6	.1								4.5	4.5
S	2.6	4.7	5.7	3.0	.7	.1						16.8	7.9
SSW	1.4	3.1	7.2	3.2	.3							15.2	8.6
SW	.8	1.2	1.7	.7	.1							4.4	7.4
WSW		.1	.3	.4								.8	10.5
W	.3	.5	.3									1.1	5.0
WNW													
NW	.3	.1										.4	3.3
NNW	.2	.2										.4	2.8
VARBL													
CALM												42.6	
	13.0	16.9	18.2	7.7	1.1	.1						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5	.1									1.0	3.4
NNE	.7	1.3	1.2									3.2	5.6
NE	.7	.9	.8									2.4	5.3
ENE	.5	.9	.3									1.7	5.0
E	1.0	.2										1.2	2.9
ESE	.6	.2										1.0	2.7
SE	1.0	.5	.2									1.7	3.4
SSE	1.6	1.1	.5									3.2	4.2
S	2.1	5.7	5.4	2.9	.4							16.6	7.6
SSW	1.3	3.6	8.5	2.1	.6							16.1	8.4
SW	.3	1.0	1.2	.7								3.2	5.0
WSW	.4	.5	.3	.1								1.3	5.5
W	.5	.1	.1	.1								.8	4.5
WNW	.2	.1										.3	2.3
NW	.2	.4										.6	3.8
NNW	.3	.1			.1							.5	5.4
VARBL													
CALM												45.0	
	12.1	17.2	18.6	5.9	1.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 777

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	40,61-69	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.4	3.3
NNE	.4											.4	2.7
NE	.5	.1										.6	2.8
ENE	.1	.1										.2	3.0
E	.8	.1	.1									1.1	2.7
ESE	1.3	.5										1.8	2.9
SE	1.3	.5	.5									2.2	4.1
SSE	2.7	1.2	.6									4.5	3.7
S	4.6	6.1	5.4	1.8								17.6	6.1
SSW	2.3	4.7	6.6	2.0	.2							15.5	7.7
SW	.2	1.2	1.8	1.1								4.2	8.5
WSW		.2		.2								.5	9.3
W	.1	.4	.2	.1								.8	7.3
WNW	.1											.1	2.0
NW			.1									.1	10.0
NNW	.2											.2	2.0
VARBL													
CALM												49.3	
	14.3	15.2	15.3	5.2	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24230 (STATION) FT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,01-69 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.2	4.0
NNE	.4		.1									.5	3.8
NE	.6	.2										1.1	2.9
ENE	.5	.5										.9	3.6
E	.4											.4	2.7
ESE	1.3	.1		.1								1.5	3.5
SE	2.0	.7	.1	.2								3.1	3.9
SSE	2.9	1.4	.9									5.3	4.0
S	4.2	5.4	4.8	1.1								15.5	5.9
SSW	1.8	3.7	6.6	1.9	.4							16.3	6.0
SW	.5	.9	1.1	.5								2.9	7.2
WSW		.2	.4	.2								.8	8.3
W	.2	.5	.4									1.1	5.4
WNW	.2	.4										.6	4.0
NW	.1	.1										.2	3.0
NNW	.2											.2	2.5
VARBL													
CALM												49.4	
	15.7	14.3	16.4	4.0	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 849

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.3	.3	.1									.8	4.4
NE	.5	.8	.3	.2								2.0	5.2
ENE	.6	.1										.8	2.4
E	.5											.5	1.6
ESE	1.1	.2	.1									1.4	2.7
SE	1.3	.5	.2									2.0	3.3
SSE	2.0	1.8	.5	.1								5.0	4.0
S	4.7	4.1	4.9	1.3								15.0	6.0
SSW	2.4	4.4	5.9	2.8								16.4	7.6
SW	.3	.5	1.1	.8	.1							2.7	8.8
WSW	.3	.3	.6	.4								1.7	7.3
W		.2	.1									.3	5.0
WNW	.2	.1										.6	2.3
NW	.1	.1										.2	3.0
NNW													
VARBL													
CALM												50.4	
	15.6	13.5	14.9	5.5	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.2									1.2	4.8
NNE	1.1	.6	1.0	.2								2.9	5.5
NE	1.8	1.5	.4	.5								4.3	5.1
ENE	.8	.9	.2	.1								1.9	4.3
E	.0	.5										1.2	3.0
ESE	.4	.8										1.2	3.2
SE	.0	.9	.2									1.7	4.3
SSE	1.7	1.7	.5	.2								4.2	4.4
S	4.5	3.7	4.4	2.1	.1							15.0	6.4
SSW	2.5	3.3	6.1	2.6	.5							16.9	7.6
SW	1.0	1.3	3.4	1.4	.1	.1						7.3	8.2
WSW	.1	.8	.9	.1								1.9	7.1
W	.3	.4	.1	.1								1.2	4.5
WNW	.3	.6	.1	.1								1.2	5.2
NW	1.0	.3										1.3	2.9
NNW	.4	.2										.6	2.7
VARBL													
CALM												36.0	
	17.8	20.3	17.6	7.5	.8	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	40,61-70	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.0	1.1	.5								6.2	5.4
NNE	1.7	2.0	2.1	.1								6.0	5.7
NE	1.4	2.4	1.3	.5								5.4	5.9
ENE	.5	.9	.3									1.7	4.8
E	.8	.4										1.2	2.6
ESE	.3	.5										.9	4.0
SE	.3	.3	.3									1.0	3.2
SSE	.6	1.5	.3									2.4	4.6
S	1.0	2.7	4.5	2.9	.3							11.4	8.7
SSW	1.3	3.8	7.4	3.8	.2	.1						16.5	8.7
SW	1.3	3.2	4.2	2.4	.3							11.4	8.3
WSW	1.4	1.5	1.3	.6								4.8	6.5
W	.5	1.6	.9	.8								4.0	6.9
WNW	1.3	1.2	.3	.1								2.9	4.4
NW	1.3	1.6	.2									3.1	3.8
NNW	1.4	2.0	.3									3.9	4.1
VARBL													
CALM												17.4	
	16.5	28.9	24.6	11.7	.9	.1						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 932

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	3.8	1.0									6.5	4.6
NNE	1.5	2.9	1.6	.5								6.5	5.7
NE	1.2	3.1	1.1	.3								5.7	5.6
ENE	.6	1.0	.2									1.9	4.1
E	.4	.3										.8	3.4
ESE	1.0	.6	.1									1.7	3.3
SE	.6	.3	.1									1.2	3.6
SSE	.8	.4	.5									1.7	4.8
S	1.3	2.1	4.5	1.6	.1							9.9	7.7
SSW	2.3	5.5	7.2	2.3	.2							17.4	7.4
SW	1.7	4.0	3.8	1.0								10.4	6.7
WSW	1.0	1.2	1.9	.8	.1							4.9	7.6
W	1.4	1.5	1.3	.5	.3							5.0	7.0
WNW	.6	1.7	.3									2.7	4.6
NW	1.1	1.4	.3									2.8	4.0
NNW	1.4	2.0	.1									3.5	3.6
VARBL													
CALM												17.5	
	19.0	31.8	24.0	7.0	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.3	.1									1.1	3.4
NNE	.9	1.2	.9									2.9	4.9
NE	1.7	.5	.3									2.5	3.9
ENE	1.1	.8	.2									2.1	3.6
E	.6	.1										.8	2.4
ESE	1.3	.5	.1									1.9	3.3
SE	1.6	.6	.2									1.9	4.1
SSE	1.6	2.1	.5	.1								4.4	4.5
S	2.5	4.5	3.3	1.5	.3							12.1	6.6
SSW	1.8	6.1	5.9	1.4	.1	.1						15.4	7.0
SW	.2	2.1	2.1	.9	.2							5.6	8.1
WSW	.4	.9	.8	.5	.1	.1						2.8	8.6
W	.1	.4	.1	.1	.1							.9	7.5
WNW	.7											.7	3.0
NW	.1	.1										.2	3.0
NNW	.1											.1	1.0
VARBL													
CALM												45.1	
	13.1	20.4	14.6	4.5	.9	.2						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS, WASHINGTON/GRAY AAF	40,61-70	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

2100-2300 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1		.1									.2	5.0
NNE	.2	.6										.8	4.3
NE	.3	.7										1.0	3.7
ENE	.6	.4										1.0	3.6
E	.0	.3										.5	3.1
ESE	1.2	.3	.1									1.7	3.5
SE	.9	.0	.1									1.3	3.7
SSE	.8	2.8	.4									4.0	4.7
S	4.3	6.5	3.8	1.8	.2							16.6	5.0
SSW	1.9	6.1	6.5	2.4	.1							17.0	7.5
SW	.3	1.9	2.7	.7								4.6	8.0
WSW		.1	.6	.2								.9	10.0
W	.4											.4	2.3
WNW	.4	.2										.7	3.0
NW	.2											.2	2.0
NNW													
VARBL													
CALM												46.5	
	12.3	19.6	14.3	5.1	.3							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 504

ATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

24201 — STATION
FT LEWIS WASHINGTON/GRAY AAF — STATION NAME
40,61-69 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.3	.3										.6	4.0
NE	.3	.2										.5	3.2
ENE	.4		.1									.5	3.6
E	.6	.1	.2									1.1	3.9
ESE	1.0	.2	.1									1.3	3.3
SE	1.4	.9	.3	.1								2.7	4.2
SSE	1.8	1.8	.3	.2								4.2	4.4
S	4.0	5.5	2.8	1.1	.4							13.8	6.0
SSW	2.0	6.5	8.0	1.1								17.3	7.0
SW	.3	1.1	.5	.1	.1							2.2	6.7
WSW	.3	.5	.4									1.3	5.7
W	.6	.2	.2									1.1	3.9
WNW													
NW	.1											.1	3.0
NNW		.2										.2	4.0
VARBL													
CALM												52.9	
	13.5	17.5	13.0	2.6	.5							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

242.01	FORT LEWIS MCCHORD/GRAY AAF	40,61-69	AR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.3	.2										.5	2.8
NE	.5	.3	.1									1.0	1.9
ENE	.8	.1										.8	2.4
E	.6		.1									.7	2.9
ESE	.5	.4										1.0	2.7
SE	1.2	.9	.1									2.2	3.6
SSE	2.8	2.0	.5									5.4	4.1
S	4.4	6.2	3.3	.6	.2	.1						14.9	5.8
SSW	2.2	5.4	5.9	.8	.2	.1						14.5	6.8
SW	.2	.8	1.1	.2								2.6	6.9
WSW	.1	.1	.5									.7	7.6
W	.6	.2	.2	.2								1.3	5.2
WNW	.1	.3										.4	4.0
NW	.2											.2	1.5
NNW	.2											.2	2.0
VARBL													
CALM												53.3	
	15.3	17.0	11.9	1.8	.4	.2						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/TAC

SURFACE WINDS

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

94241	FORT LEWIS WASHINGTON/GRAY AAF	60/61-70	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.3	3.3
NNE	.4	.4	.1									.9	4.0
NE	.8	.5	.1									1.4	3.6
ENE	.3	.1										.6	2.5
E	.7	.2										.9	2.2
ESE	.8	.1	.1									1.0	2.6
SE	2.0	.7										2.6	2.9
SSE	2.3	1.9	1.1	.1	.1							5.7	4.5
S	6.6	6.1	3.9	1.6	.4							18.6	5.7
SSW	2.4	5.2	5.2	.6	.1							13.5	6.5
SW	.1	.5	.7	.3	.1							1.7	8.5
WSW	.3	.1	.6	.3								1.3	7.2
W	.7	.3	.1									1.1	3.4
WNW	.1		.1									.2	5.0
NW	.3		.1									.4	3.0
NNW	.1											.1	7.0
VARBL													
CALM												50.0	
	10.3	16.0	12.0	2.8	.7							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1027

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FIRT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40-61-70 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	2.2	.5									3.3	4.8
NNE	1.8	1.5	1.5	.4								5.1	5.7
NE	1.1	3.0	1.3	.1								5.5	5.3
ENE	.5	.6	.2									1.7	4.0
E	.4	.5										.9	3.7
ESE	1.1	.1										1.1	2.8
SE	.9	.4	.5									1.9	4.7
SSE	1.2	1.6	.5	.1								3.3	4.5
S	6.5	3.6	5.6	3.5	.7							15.9	8.3
SSW	2.3	5.5	7.7	2.9	.2							18.6	7.6
SW	1.6	1.9	3.0	.6	.1							7.4	6.5
WSW	.5	.6	1.6	.4								3.0	7.5
W	1.1	1.3	.7	.4	.1							3.5	5.9
WNW	1.0	.6										1.6	3.1
NW	.5	.5										1.0	3.2
NNW	.9	1.0										1.9	3.5
VARBL													
CALM												24.6	
	18.3	24.7	23.0	8.4	1.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1062

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
ATAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24211 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 60-01-70 YEARS | MAR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	4.1	1.8	.4								7.8	5.6
NNE	1.7	2.9	3.2	1.1								8.9	6.6
NE	.9	2.0	1.4	.3								4.6	5.9
ENE	.6	.6	.8									2.0	5.3
E	.7	.1										.8	2.6
ESE	.4	.2	.1									.7	4.3
SE	.8	.3	.5									1.6	5.0
SSE	.1	.8	.7	.7								2.2	8.3
S	.7	1.5	4.2	2.6	.9							9.9	9.9
SSW	.5	3.8	7.9	4.9	.5							17.6	9.3
SW	.7	3.2	4.1	1.4	.5							9.9	8.2
WSW	.7	1.8	2.8	1.3								6.5	8.0
W	.7	1.2	1.7	.4	.3							4.2	8.0
WNW	1.9	1.7	.7									4.2	4.4
NW	1.0	2.9	.4									4.3	4.3
NNW	2.2	2.4	1.2									5.8	4.5
VARBL													
CALM												8.5	
	14.9	30.1	31.4	13.0	2.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	40-61-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	4.5	2.6	.5								10.2	5.7
NNE	.9	5.8	4.6	.3								11.5	6.4
NE	.3	2.2	1.8	.3								4.5	5.7
ENE	.2	.5	.4	.2								1.3	6.8
E	.2	.2										.4	3.0
ESE	.4	.4	.2									1.0	5.0
SE	.1	.6	.5									1.2	6.1
SSE	.2	1.4	.8	.1								2.4	6.4
S	.8	3.0	4.3	1.6	.3							10.0	8.2
SSW	.5	2.6	6.0	2.5	.1							11.9	8.8
SW	1.2	2.7	4.6	1.5	.3							10.3	8.0
WSW	1.3	1.8	2.2	.9		.1						6.2	7.4
W	1.1	1.4	4.3	.3	.2							7.2	7.5
WNW	1.1	2.1	.8									3.9	4.9
NW	1.2	2.6	.5	.1								4.4	4.8
NNW	.7	3.0	.9									4.6	5.0
VARBL													
CALM												9.1	
	12.6	34.8	34.3	8.2	.9	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
3 AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24240	FORT LEWIS MCCHORD/GRAY AAF	40,61-70	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1800-2000 — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,2	1,1	,8	,1								3,1	5,0
NNE	2,5	4,2	1,5	,3								8,5	5,2
NE	,7	2,5	,7	,1								4,0	5,1
ENE	,5	,5										1,0	3,7
E	1,3	,1										1,4	2,6
ESE	1,2	,4	,1									1,7	3,1
SE	1,3	,8	,2	,1								2,3	3,9
SSE	1,7	1,1	1,1	,2	,1							4,1	5,4
S	2,2	4,3	3,6	1,3								11,5	6,6
SSW	2,2	5,5	4,7	,8	,1							13,2	6,5
SW	1,2	2,6	3,2	,9	,1							8,0	7,3
WSW	,1	1,3	,6	,4								2,3	7,1
W	,7	1,6	,8	,5								3,5	6,2
WNW	,6	,4	,1	,1								1,2	4,3
NW	,7	,4	,1									1,2	3,6
NNW	,9	,4										1,3	2,8
VARBL													
CALM												31,7	
	18,7	27,1	17,6	4,7	,3							100,0	4,0

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	40,61-70	APR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.2									.9	4.3
NNE	.5	.8	.5									1.8	5.4
NE	.2	.7	.3									1.2	5.4
ENE	.9	.2										1.1	2.3
E	.6	.1	.1									.8	3.3
ESE	1.2											1.2	1.7
SE	1.7	.5	.6	.2								3.0	4.4
SSE	2.0	1.2	.6									3.8	3.9
S	4.1	5.8	3.0	1.9								14.9	5.9
SSW	2.6	5.9	5.7	1.2	.2	.1						15.8	6.9
SW	.0	1.8	1.3	.4								4.1	6.5
WSW	.3	.4	.6	.2								1.5	6.7
W	.6	.6	.3	.1								1.6	5.0
WNW	.3	.4	.2									.9	4.8
NW	.3	.1										.4	2.5
NNW		.1										.1	4.0
VARBL													
CALM												46.8	
	10.4	19.0	13.5	4.0	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 992

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,61-69		APR
STATION	STATION NAME	YEARS		MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.3
NNE	.3	.3										.6	3.0
NE	.3	.3										.6	3.2
ENE	.2											.2	2.5
E	.3	.2										.5	3.2
ESE	.1	.3										1.0	2.4
SE	1.0	.6										1.6	2.9
SSE	3.2	1.4	.1									4.7	3.0
S	6.1	8.0	2.0	.2	.3							16.6	4.8
SSW	2.3	8.1	5.5	.6	.1							16.6	6.1
SW	1.0	1.6	2.6	.4								5.7	7.1
WSW	.6	.7	.5	.4								2.2	6.4
W	.2	.1	.1									.5	4.2
WNW	.7	.3										1.0	2.7
NW	.8	.3										1.1	2.8
NNW	.2	.2										.4	3.0
VARBL													
CALM												46.3	
	16.4	22.4	10.8	1.6	.4							100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 949

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE	.1											.1	2.0
NE		.1										.1	5.0
ENE	.4	.4										.8	2.9
E	.3											.3	2.3
ESE	1.3	.5	.1									1.9	2.9
SE	1.7	.4										2.1	2.6
SSE	2.4	1.6	.3									4.3	3.6
S	0.2	7.8	3.4	.6	.1							18.2	4.9
SSW	2.8	9.2	4.9	.8								17.8	5.7
SW	1.4	1.7	1.6	.4								5.1	5.9
WSW	.6	.6	.3	.1								1.8	5.4
W	.0	.7	.2									1.5	4.3
WNW	.1	.1	.1									.3	5.0
NW	.4											.4	1.8
NNW													
VARBL													
CALM												45.1	
	18.3	23.4	11.0	1.9	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 995

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.0	.2									.3	5.1
NNE	.5	.0										1.0	3.4
NE	.3	.6	.3		.1							1.3	5.7
ENE	.0	.2										.7	2.9
E	.0	.1										.7	2.1
ESE	1.1	.2										1.3	2.4
SE	1.0	.5	.3									2.1	3.3
SSE	2.3	1.7	.7									4.0	4.0
S	4.6	6.9	5.3	.8								17.6	5.5
SSW	2.5	9.1	7.3	1.1	.1							20.1	6.5
SW	1.6	2.1	2.3	.4								6.4	5.9
WSW	1.4	1.0	.9	.2								3.5	5.7
W	.5	.9	.1									1.5	3.8
WNW	.7	.2										.9	2.5
NW	.6	.3										.9	2.8
NNW	.2											.2	2.0
VARBL													
CALM												35.7	
	19.4	24.8	17.4	2.5	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1050

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FLT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.5	.8	.1								3.5	5.1
NNE	1.2	2.2	1.2	.7								5.4	6.4
NE	.9	1.3	1.8	.4								4.4	5.6
ENE	1.0	.2	.1	.1								1.4	3.9
E	.6	.7										1.4	3.4
ESE	.5	.3										.7	3.4
SE	.5	.6	.1									1.2	4.1
SSE	.9	.6	.3	.1								1.9	4.5
S	1.4	1.7	4.2	2.7								9.9	6.3
SSW	2.4	5.5	10.0	3.1	.1							21.0	7.6
SW	1.7	3.7	5.2	1.7								12.2	7.3
WSW	.7	2.4	2.7	1.0								6.9	7.3
W	1.7	1.9	1.5	.3	.1							5.4	5.6
WNW	1.1	1.7	.6	.1								3.5	4.8
NW	1.9	1.2	.6									3.7	3.9
NNW	1.0	1.7	.1									3.3	3.8
VARBL													
CALM												14.7	
	19.3	27.1	29.1	10.2	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1080

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	1.9	.6								7.4	6.0
NNE	1.1	1.6	2.6	.4								5.6	6.7
NE	.4	1.1	1.6	.3								3.3	7.2
ENE	.2	.6	.4									1.2	5.8
E	.5	.5	.1									1.0	4.0
ESE	.4	.3										.6	3.1
SE	.3	.6	.1									.9	3.9
SSE	.6	.4	.8									1.9	5.7
S	.4	.8	3.0	2.1	.4							6.7	9.6
SSW	.6	3.0	7.1	3.0	.1							13.8	8.7
SW	1.7	3.2	5.9	2.4	.1							13.3	7.7
WSW	.8	2.5	4.6	2.0	.1							10.1	6.1
W	1.0	2.5	2.8	2.1	.3							8.7	8.4
WNW	.8	3.7	2.0	.1	.1							6.8	5.8
NW	1.4	2.5	1.4	.2								5.5	5.3
NNW	.8	2.8	1.2									4.8	5.5
VARBL													
CALM												8.3	
	12.5	29.4	35.5	13.2	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 1040

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.9	2.0	.5								7.3	5.9
NNE	.6	2.9	2.8	.6								6.0	6.9
NE	.3	2.3	1.5	.4								4.4	6.5
ENE	.3	.7		.1								1.1	5.3
E	.4	.5										1.0	3.9
ESE	.4	.4										.7	3.6
SE	.2	.5	.3									.9	5.3
SSE	.3	.7	.6									1.6	6.2
S	.9	1.2	2.5	.9								5.6	7.4
SSW	.7	3.1	6.5	1.9	.1							12.3	8.4
SW	.4	2.8	4.9	2.7	.1							10.8	8.8
WSW	.9	1.7	4.5	2.6	.2							9.9	9.1
W	.7	2.9	5.0	2.9	.4							11.9	8.6
WNW	.9	2.4	3.2	1.3	.2							8.1	7.6
NW	.8	2.9	2.0	.3								6.0	6.0
NNW	1.0	2.7	1.2	.1								5.0	5.3
VARBL													
CALM												6.6	
	9.7	31.7	37.0	14.1	.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 1600

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.1	.5									4.3	4.4
NNE	1.3	2.0	1.0	.2								4.5	5.4
NE	1.4	1.3	.6	.1								3.5	4.6
ENE	1.1	.3										1.4	3.5
E	1.6	.3	.1									1.9	2.6
ESE	1.0	.4										1.4	2.8
SE	.6	.4	.4									1.4	4.5
SSE	1.0	1.0	.3	.1								2.4	4.6
S	1.8	2.6	2.1	.5	.2							7.1	5.2
SSW	.9	4.4	5.2	1.2								11.7	7.2
SW	1.6	3.7	4.4	1.1	.1							10.9	7.0
WSW	.9	2.3	2.5	.6								6.4	7.0
W	1.9	3.1	4.6	1.6	.1							11.3	7.3
WNW	.4	3.5	1.6	.8								6.3	5.3
NW	1.1	1.9	.6									3.6	4.7
NNW	.5	1.2	.3									2.1	4.2
VARBL													
CALM												19.1	
	19.1	31.0	24.2	0.3	.4							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 1080

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
3 TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39 40,61-70 (YEARS) APR (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	,4	,5	,2									1,1	4,2
NNE	,5	,5	,2									1,2	3,9
NE	,4	,8	,2									1,4	4,7
ENE	,6		,1									,7	2,4
E	,6	,3										,9	3,0
ESE	1,1	,3										1,3	2,5
SE	1,0	,4										1,3	2,9
SSE	2,4	1,0	,2									3,5	3,3
S	5,8	6,4	2,1	,2	,2							14,7	4,6
SSW	1,6	9,2	5,9	,4								17,1	6,3
SW	1,4	2,7	2,2	,4								6,7	6,2
WSW	,7	1,1	,8	,4								3,0	6,6
W	1,1	2,3	,7	,1								4,1	5,1
WNW	,7	1,0	,5	,1								2,2	5,3
NW	,5	,8										1,2	3,5
NNW	,6	,1										,7	3,0
VARBL													
CALM												38,2	
	19,4	27,2	13,0	2,0	,2							100,0	3,2

TOTAL NUMBER OF OBSERVATIONS 1045

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-69 YEARS | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.1										.7	2.6
NNE	.1	.2										.3	4.3
NE	.6	.4	.1									1.1	3.4
ENE	.2											.2	2.5
E	.3	.1										.4	3.3
ESE	.3	.3										.6	3.3
SE	1.2	.1										1.3	1.9
SSE	2.5	1.3										3.9	3.1
S	7.7	5.8	.9									14.4	3.6
SSW	2.1	6.5	4.4	.1								13.7	5.7
SW	2.0	2.9	1.3	.3								6.6	5.0
WSW	1.0	.8	.6	.2								3.2	4.6
W	1.3	1.0	.1	.1								2.7	3.7
WNW	.7	.7										1.4	3.4
NW	.4	.1										.5	2.2
NNW		.1										.1	4.0
VARBL													
CALM												48.8	
	22.6	20.5	7.4	.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 986

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YR | MAY MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.0
NNE	.3											.3	2.3
NE	.5											.5	2.2
ENE	.5	.3										.8	2.6
E	.1											.1	2.0
ESE	1.0											1.0	2.1
SE	1.1											1.1	1.9
SSE	2.2	1.8										4.1	3.2
S	7.3	5.7	1.4									14.4	3.8
SSW	2.7	8.0	3.7	.2								14.6	5.5
SW	1.3	2.2	1.6	.2								5.2	4.6
WSW	1.4	1.0	.4	.1								2.9	4.6
W	.4	.5										.9	3.6
WNW	.3	.3										.6	3.2
NW	.5	.1										.6	2.2
NNW	.2		.1									.3	4.0
VARBL													
CALM												57.8	
	19.7	19.9	7.1	.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 1042

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	.1									1.6	3.9
NNE	.6	1.1	1.3									3.1	5.5
NE	1.4	.9	.5									2.9	4.4
ENE	1.3	.7	.3									2.3	4.0
E	.4		.1									.5	2.5
ESE	.7	.1										.8	2.1
SE	.4	.1										.5	2.3
SSE	2.0	.8	.2									3.0	3.2
S	3.4	4.4	3.4	.4								11.6	5.4
SSW	2.9	8.9	4.5	.6								16.9	5.8
SW	2.7	3.4	3.2	.4								9.	5.7
WSW	2.2	.9	1.7	.2								4.9	5.2
W	1.3	1.9	.3									3.5	3.7
WNW	.5	1.2										1.7	3.9
NW	1.5	.4										1.9	2.5
NNW	1.0											1.0	1.9
VARBL													
CALM												34.1	
	23.3	25.5	15.5	1.6								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1115

DATA PROCESSING DIVISION
USAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) DAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	3.4	2.1	.1								7.3	5.4
NNE	1.4	3.5	3.1	.6								8.6	6.7
NE	1.2	1.5	1.8	.4								5.0	6.1
ENE	.1	.6	.4	.1								1.4	6.3
E	.2	.3										.4	3.8
ESE	.4	.1										.5	2.2
SE	.1											.1	2.0
SSE	.3	.4	.2									.9	4.3
S	.7	1.5	1.9	.5								4.7	6.8
SSW	1.8	6.1	6.2	1.6								15.7	7.0
SW	1.6	3.6	4.4	1.4								11.0	6.9
WSW	1.4	3.3	2.4	1.3								8.5	6.3
W	2.4	2.1	1.6	.4								6.5	5.3
WNW	1.7	3.3	.8									5.8	4.4
NW	1.9	2.8	.6									5.3	4.4
NNW	1.4	2.5	.5									4.5	4.3
VARBL													
CALM												13.5	
	16.5	35.0	26.1	6.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,61-70	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	4.5	4.8	.2								10.8	6.3
NNE	.8	3.4	3.0	.3								7.4	6.6
NE	.7	1.1	2.4	.1								4.3	6.7
ENE	.3	1.0	1.3	.4								2.9	6.9
E	.1	.1										.2	3.5
ESE	.1	.3										.4	3.8
SE	.3		.2									.4	4.2
SSE	.3	.4		.1								.7	4.5
S	.9	1.0	2.3	.4	.1							4.7	7.1
SSW	1.0	3.1	3.9	1.3	.2							9.6	7.7
SW	1.3	3.2	3.3	2.0								9.8	7.3
WSW	.9	2.0	3.5	1.0	.2							7.6	7.6
W	2.2	3.4	3.2	1.2	.2							10.2	6.9
WNW	.8	3.3	2.7	.6								7.4	6.5
NW	1.5	3.8	2.9	.4								8.5	6.0
NNW	1.3	3.4	3.1	.1								8.0	5.9
VARBL													
CALM												7.7	
	13.8	33.9	30.6	7.9	.6							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (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	1.1	4.7	3.2	.2								9.2	6.0
NNE	1.2	3.7	4.1	.6								9.6	6.7
NE	.5	2.2	3.0	.4								6.1	6.9
ENE	.5	1.1	.9									2.5	5.7
E	.3	.1										.4	3.3
ESE	.4	.2										.6	2.9
SE	.1	.3										.4	3.9
SSE	.2	.4	.2	.1								.9	6.3
S	.3	.8	.7	.2								2.2	5.9
SSW	.6	2.1	3.1	.5								6.5	7.1
SW	.3	3.1	4.4	2.1								9.9	8.3
WSW	.5	1.6	3.7	1.3	.3							7.4	8.8
W	1.1	3.1	5.3	2.2	.2							11.9	8.1
WNW	1.3	4.8	4.5	.9								11.5	6.8
NW	1.1	3.9	3.2	.1								8.3	6.1
NNW	.3	3.3	2.2	.1								6.2	6.1
VARBL													
CALM												6.1	
	10.4	35.8	38.6	8.7	.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	4.0	.8									5.8	4.9
NNE	2.7	4.6	3.0	.1								10.3	5.3
NE	1.4	3.0	1.7	.2								6.4	5.6
ENE	1.3	1.1	.4	.1								2.9	4.1
E	.4	.3										.7	2.9
ESE	.4	.4										.7	3.1
SE	.3	.4										.6	3.9
SSE	1.1	.7	.2									2.0	3.9
S	.9	1.7	.4	.1								3.0	4.9
SSW	1.3	3.7	2.7	.3								8.0	6.0
SW	1.4	2.8	3.8	.4								8.4	6.5
WSW	1.4	2.8	3.0	.4								7.6	6.4
W	.9	4.2	5.6	1.3								12.0	7.4
WNW	.6	6.2	4.4	.8								12.0	6.8
NW	.5	3.1	1.6	.1								5.4	5.7
NNW	.9	1.7	.4									3.0	4.5
VARBL													
CALM												11.2	
	16.7	40.6	27.7	3.9								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.5	.1									1.3	3.7
NNE	.7	2.1	.1									2.9	4.2
NE	.5	1.7	.3									2.4	4.7
ENE	.6		.1									.7	2.4
E	1.1											1.1	1.9
ESE	.8	.1										.9	2.1
SE	.4	.1										.5	2.8
SSE	1.6	.3										1.9	2.4
S	3.1	4.0	1.0	.2								8.3	4.2
SSW	2.2	8.1	4.0	.2								14.5	5.8
SW	1.9	3.4	1.7	.1								7.1	5.2
WSW	1.5	1.9	.7									4.0	4.4
W	1.6	4.1	.9	.1								6.7	4.5
WNW	2.0	3.7	1.1									6.8	4.5
NW	1.3	1.4	.1									2.7	3.7
NNW	.5	.3										.8	2.5
VARBL													
CALM												37.3	
	20.5	31.5	9.8	.6								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1067

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-68 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	1.7
NNE	.1											.1	3.0
NE	.7	.3										1.0	3.3
ENE	.2	.1										.3	2.7
E	.3	.1										.4	3.0
ESE	.7	.1										.9	2.1
SE	.7	.3										1.0	3.9
SSE	2.8	1.8	.1									4.7	3.1
S	5.6	5.1	.9	.1								11.6	3.8
SSW	3.7	8.3	3.8	.3								16.2	5.2
SW	2.0	2.0	1.4									5.5	4.8
WSW	.8	.4	.2									1.4	4.1
W	3.2	1.5	.2									5.0	3.2
WNW	1.2	1.3	.1	.1								2.7	4.2
NW	.9	.4										1.3	3.0
NNW	.1	.1										.2	3.0
VARBL													
CALM												47.4	
	23.5	21.8	6.8	.5								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 989

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YRS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.0	.2										.2	2.0
NNE	.1	.1										.1	2.0
NE	.2		.1									.3	4.0
ENE	.1	.1										.2	3.5
E	.1											.1	1.0
ESE	.6											.6	1.7
SE	.8	.7										1.4	3.3
SSE	3.2	1.6	.1									4.9	3.2
S	8.1	5.1	.7									13.9	3.4
SSW	3.6	7.1	4.6	.2								15.7	5.5
SW	2.3	2.9	.9	.1								5.2	4.9
WSW	.3	1.2	.3									1.8	4.5
W	1.1	1.4	.1	.1								2.7	4.2
WNW	.9	.6	.1									1.6	3.6
NW	.7	.3										1.0	3.1
NNW	.3	.1										.4	2.5
VARBL													
CALM												48.1	
	23.3	21.4	6.8	.4								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 1050

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	.6	.3	.1								2.9	3.9
NNE	1.1	1.6	.8	.2								3.7	5.0
NE	2.1	.9	.2									3.1	3.5
ENE	.4	.5										.9	3.8
E	.5		.1									.6	2.3
ESE	.3	.1										.3	2.8
SE	.7	.1										.8	2.1
SSE	1.1	1.0	.1									2.2	3.3
S	3.2	3.8	1.5									8.5	4.3
SSW	4.0	8.9	5.8	.3								19.0	5.6
SW	2.6	5.3	2.9	.3								10.7	5.5
WSW	1.5	1.1	1.9	.2								4.6	5.6
W	2.9	2.5	.3									5.7	3.6
WNW	1.3	1.4	.1									2.7	3.7
NW	1.4	.8	.2									2.3	3.5
NNW	1.2	.5										1.7	3.0
VARBL													
CALM												30.2	
	26.7	29.0	14.2	.9								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM JUL 64 0-8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,50-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	5.0	2.8	.1								9.7	5.5
NNE	1.8	2.9	2.9	.4								8.0	6.2
NE	.7	1.2	1.6	.1								3.6	6.0
ENE	.3	.2	.3									.7	5.5
E	.1											.1	1.0
ESE	.2	.3	.1									.5	4.3
SE	.3	.3										.7	3.5
SSE	.7	.5	.1									1.3	3.7
S	1.3	2.5	1.4	.2								5.3	5.6
SSW	2.3	6.0	4.2	.5								13.0	6.1
SW	1.7	4.5	5.1	.6								12.0	6.5
WSW	1.3	3.8	3.7	.3								9.1	6.3
W	1.9	2.8	1.6	.1								6.4	5.3
WNW	2.5	2.6	.9	.3								6.3	4.8
NW	2.0	2.5	.6	.1								5.7	4.1
NNW	1.5	2.0	.9									5.0	4.8
VARBL													
CALM												12.6	
	20.8	37.6	26.2	2.7								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	6.3	2.4	.3								10.1	5.7
NNE	1.3	3.3	3.5	.3	.2							8.5	6.3
NE	.6	1.0	1.8	.2								4.4	6.5
ENE	.2	.7	.5	.1								1.5	6.6
E	.1	.3										.4	4.3
ESE	.1											.1	3.0
SE	.3	.2										.4	3.2
SSE	.3	.4	.1									.8	4.6
S	.5	1.0	.9	.2								2.6	6.3
SSW	1.3	4.2	5.0	.5								10.9	6.8
SW	1.2	3.6	4.5	1.0								10.3	7.0
WSW	.8	1.6	3.3	.2								7.9	7.3
W	1.5	4.0	4.4	.8								10.6	6.8
WNW	1.2	4.4	3.1	.1								8.9	5.6
NW	1.7	4.1	2.5	.3								8.6	5.6
NNW	1.3	4.2	2.3	.3								8.0	5.9
VARBL													
CALM												6.0	
	13.5	40.0	36.2	4.2	.2							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1,2	6,0	2,6									10,1	5,3
NNE	,9	5,0	4,2									10,1	6,3
NE	,1	2,6	2,1	,3								5,0	6,8
ENE	,6	,9	,3									1,7	4,4
E	,2	,3	,2									,6	5,1
ESE	,2	,3										,5	3,7
SE	,1	,5	,1									,7	5,1
SSE	,2	,3	,1									,5	4,5
S	,3	,8	1,0	,1								2,1	6,6
SSW	,9	2,3	3,4	,2								6,8	6,6
SW	,3	3,1	4,4	,8								8,5	7,6
WSW	,3	1,9	4,4	1,5								8,1	8,4
W	,7	4,0	4,8	1,8								11,3	7,8
WNW	,9	4,8	4,9	1,3								11,9	7,2
NW	1,4	3,9	3,5	,7								9,5	6,5
NNW	,9	3,3	3,0									7,2	6,1
VARBL													
CALM												5,4	
	9,3	39,9	38,8	6,6								100,0	6,4

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94261	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-70	JUN
STATION	STATION NAME	YEARS	MONTH

CLASS: ALL WEATHER

CONDITION:

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

SPEED (KNTS) DIR	1 - 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	4.3	.9									7.8	4.3
NNE	2.9	7.0	2.3									12.2	4.9
NE	1.2	2.2	1.6	.1								5.1	5.5
ENE	.5	.9	.5	.1								2.1	5.1
E	.5	.5	.1									1.1	3.9
ESE	.3	.3										.6	3.9
SE	.1											.1	3.0
SSE	.2	.2	.1									.7	4.9
S	.5	.9	.9									2.4	5.3
SSW	.8	4.1	2.2	.1								7.2	5.9
SW	.9	3.2	4.9	.5								9.5	7.0
WSW	.7	2.3	3.4	.5								6.9	7.0
W	1.0	5.0	3.2	1.0								10.3	6.6
WNW	.7	4.7	7.1	.3								12.8	7.1
NW	1.2	3.2	2.8	.2								7.4	6.0
NNW	1.1	2.1	.9									4.1	5.0
VARBL													
CALM												9.7	
	15.0	41.4	31.1	2.8								100.0	5.4

TOTAL NUMBEF OF OBSERVATIONS: 1170

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
3 TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.5										1.4	3.2
NNE	1.3	1.5	.2									3.1	3.8
NE	.6	.9	.3									1.9	4.2
ENE	.3											.3	2.0
E	.4											.4	2.0
ESE	.3											.3	2.3
SE	.8	.2										1.0	2.3
SSE	1.1	.8										1.9	3.3
S	3.1	2.6	.6									6.7	3.7
SSW	2.7	8.8	3.3	.2								15.0	5.5
SW	3.2	4.4	1.7									9.3	4.7
WSW	1.8	1.2	.2									3.2	3.6
W	2.0	3.4	1.0									7.1	4.4
WNW	3.1	5.0	1.4									9.4	4.7
NW	1.7	2.3	.3									4.3	3.9
NNW	.8	.6	.1									1.4	3.7
VARBL													
CALM												23.8	
	24.6	32.0	9.2	.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1049

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-68	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.3	3.3
NNE	.2											.2	2.5
NE	.3	.3										.6	3.0
ENE	.2											.2	2.0
E	.6	.1										.7	2.7
ESE	.2	.1										.3	3.3
SE	.5											.5	1.8
SSE	1.2	.4										1.6	2.8
S	5.8	3.3	.3									9.5	3.3
SSW	3.2	5.4	1.6									10.3	4.4
SW	3.1	2.4	.8	.1								6.4	4.1
WSW	1.2	1.3										2.5	3.5
W	4.1	1.4	.1									5.6	2.9
WNW	2.1	1.9										4.0	3.3
NW	1.6	.6										2.2	2.6
NNW	.6	.1										.7	2.4
VARBL													
CALM												54.7	
	25.3	17.5	2.8	.1								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 994

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.2	3.0
NNE	.2	.1										.3	3.0
NE	.1	.1										.2	3.0
ENE	.4	.1										.5	2.6
E	.3	.3										.6	3.2
ESE	.4											.4	2.0
SE	.7	.3										.9	2.9
SSE	2.2	.8										2.9	2.7
S	7.9	5.0	.3									13.2	3.2
SSW	3.0	5.8	1.7	.1								10.6	4.7
SW	2.6	3.1	.8									6.4	4.1
WSW	1.5	1.2	.2									2.9	3.7
W	3.4	1.5										4.9	2.8
WNW	1.3	.4	.1									1.8	3.2
NW	.3	.4	.1									.8	4.4
NNW	.2	.1										.3	2.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	53.2	
	24.4	19.2	3.1	.1								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 1057

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (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	1.1	1.0	.3									2.4	4.2
NNE	.6	.9	.6									2.4	4.6
NE	.9	.9	.4									2.3	4.2
ENE	.5	.3	.1	.1								.9	4.4
E	.3	.2										.4	2.8
ESE	.5											.5	1.8
SE	.3	.1	.1									.4	3.4
SSE	.6	.5										1.1	3.4
S	3.8	3.6	1.4									8.9	4.2
SSW	3.4	6.5	2.3									12.2	4.7
SW	2.9	5.9	2.3	.2								11.3	5.1
WSW	1.6	2.1	1.4									5.2	5.0
W	4.0	2.4	.3									6.6	3.2
WNW	2.3	1.1	.1									3.5	3.0
NW	1.6	1.1										2.7	3.2
NNW	1.1	.3										1.4	2.5
VARBL													
CALM												37.9	
	25.7	26.9	9.2	.3								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 1161

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	6.3	2.5	.1								11.0	5.2
NNE	.8	3.2	2.5	.3								6.9	6.3
NE	.7	1.7	1.2	.3								3.9	6.3
ENE	.4	.5	.4	.1								1.4	5.5
E	.3		.1									.3	3.5
ESE	.2		.2									.3	4.5
SE	.2	.1										.3	2.7
SSE	.3	.2										.4	3.0
S	1.3	2.0	.9									4.2	4.9
SSW	1.5	6.0	3.7	.4								11.7	5.9
SW	1.5	5.0	3.2	.1								9.8	5.8
WSW	1.6	2.7	2.4	.4			.1					7.2	5.2
W	2.4	4.7	1.5	.1								8.6	4.9
WNW	3.2	4.1	.8									8.2	4.2
NW	2.7	3.5	.9									7.1	4.2
NNW	1.4	2.9	.7									5.0	4.5
VARBL													
CALM												13.7	
	20.6	42.9	21.0	1.8			.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1182

USAFETAC FORM 0-8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	8.0	4.2	.3								14.9	5.7
NNE	1.4	2.5	3.6	.3								7.8	6.4
NE	.1	1.9	1.2	.7								3.8	7.5
ENE	.1	.7	.3	.3								1.4	7.4
E	.3		.1									.3	4.0
ESE	.1	.1										.2	4.0
SE	.3	.1										.3	2.8
SSE		.2										.2	6.0
S	.6	1.2	1.4	.1								3.2	6.1
SSW	.6	4.1	2.5	.6								7.8	6.5
SW	.9	1.3	3.0	.5								5.8	7.0
WSW	.6	1.6	2.2	.4								4.8	7.0
W	2.0	4.6	3.0	.5								10.2	5.9
WNW	2.0	6.3	3.2	.3								11.8	5.6
NW	1.8	5.8	4.6	.3								12.4	5.9
NNW	1.3	4.2	2.4									7.9	5.6
VARBL													
CALM												7.4	
	14.3	42.5	31.7	4.1								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 1182

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-70	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	6.0	3.9	.3								11.9	5.8
NNE	1.3	4.2	4.0	.8								10.3	6.7
NE	.4	2.0	1.7	.4								4.6	6.8
ENE	.1	.3	.4	.3								1.1	7.9
E	.2											.2	3.0
ESE	.3	.2										.4	3.4
SE		.2										.2	5.0
SSE	.3		.1									.4	3.5
S	.3	.8	.6									1.7	5.7
SSW	.8	2.2	1.6	.2								4.8	5.8
SW	.9	1.8	2.1	.9								5.9	7.2
WSW	.0	1.3	1.9	.8	.1							4.6	7.6
W	1.1	3.9	3.3	1.1	.1							9.5	6.9
WNW	1.3	7.7	6.7	.9								16.6	6.7
NW	1.5	5.9	6.4	.3								14.2	6.6
NNW	1.4	4.7	2.3	.2								8.6	5.5
VARBL													
CALM												5.3	
	12.3	41.1	35.0	6.2	.2							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 1179

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	3.7	1.6	.1								7.8	4.8
NNE	2.6	8.6	3.8	.4								15.6	5.5
NE	1.1	2.5	1.4									5.0	5.2
ENE	.2	.2										.3	3.3
E	.2	.1	.1									.3	3.8
ESE													
SE													
SSE	.1											.1	2.0
S	.5	.7	.3	.1								1.6	4.9
SSW	.7	2.2	.6	.1								3.6	5.0
SW	.6	2.2	2.3	.2								5.3	6.6
WSW	.8	1.6	1.2	.1								3.6	6.0
W	1.0	4.2	3.8	.4								9.5	6.5
WNW	1.5	8.9	9.9	.3								21.3	6.8
NW	2.1	6.1	4.2	.3								12.7	5.9
NNW	.8	2.5	.8									4.1	5.0
VARBL													
CALM												9.2	
	14.7	43.5	30.0	2.6								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1179

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-70	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.2	.1									1.6	2.9
NNE	1.1	2.1	.4									3.6	4.3
NE	.6	.9										1.5	3.9
ENE	.3	.2	.1									.9	3.5
E	.5											.5	2.4
ESE	.1											.1	1.0
SE	.1											.1	3.0
SSE	.8	.2	.1									1.0	2.7
S	2.7	2.7	.6									5.9	3.8
SSW	1.0	3.4	1.5									6.5	4.9
SW	2.2	2.6	.6									5.3	4.4
WSW	2.2	2.4										4.5	3.5
W	4.6	4.3	.9									10.0	3.9
WNW	3.6	9.0	2.3									14.9	4.6
NW	3.4	2.9	.8									7.1	3.8
NNW	1.1	.6										1.7	3.1
VAPBL													
CALM												34.8	
	26.5	31.4	7.3									100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1055

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

ATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2										.2	4.5
NNE	.2	.2	.1									.6	4.4
NE	.1	.4										.5	4.5
ENE	.1	.1										.2	3.9
E	.1	.1	.1									.4	5.7
ESE													
SE	.7											.7	2.5
SSE	1.8	1.6										3.4	3.1
S	4.9	4.8	1.1									10.8	3.9
SSW	1.6	5.5	2.9	.2								10.3	5.7
SW	1.1	2.2	.9									4.2	4.8
WSW	.9	.7	.6	.1								2.3	5.2
W	2.3	.7										3.0	2.5
WNW	1.4	1.3										2.7	3.2
NW	.8	.1	.1									1.1	3.2
NNW		.1										.1	5.0
VARBL													
CALM												59.4	
	16.1	18.1	5.8	.4								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 855

ATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 STATION | FT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.7
NNE	.2	.3										.5	3.8
NE			.2									.2	7.5
ENE		.2	.1									.3	6.3
E	.2	.1										.4	2.0
ESE	.2											.2	1.5
SE	.4	.6										1.1	3.1
SSE	2.5	.7										3.3	2.8
S	7.0	5.0	1.3	.1								13.4	3.8
SSW	1.9	6.7	3.1	.1								11.8	5.5
SW	1.5	1.7	1.2	.1								4.5	5.1
WSW	1.3	1.2	.2									2.7	3.8
W	1.0	1.3										2.2	3.4
WNW	.4	.4	.1									1.0	3.8
NW	.6	.2										.8	3.5
NNW	.3	.1										.4	3.0
VARBL													
CALM												56.9	
	18.0	18.6	6.2	.3								100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 942

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 30,60-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4										.7	3.6
NNE	1.1	1.0	.1	.2								2.3	4.2
NE	1.1	1.3	.4	.2								3.0	4.8
ENE	.4		.3									.7	4.4
E	.6	.1										.7	2.3
ESE	.4	.1										.5	2.2
SE	.9	.1										1.0	2.2
SSE	1.9	1.3	.4									3.7	3.8
S	5.2	4.7	2.1	.1								12.0	4.3
SSW	3.2	5.8	3.8	.2								13.0	5.4
SW	2.2	4.2	1.3	.3								8.0	5.0
WSW	1.7	2.2	.3	.1								4.2	4.2
W	1.2	1.2	.1									2.4	3.7
WNW	1.5	.9										2.4	3.0
NW	.6	.1	.1									.8	3.1
NNW	.4	.2										.5	3.2
VARBL													
CALM												43.9	
	22.7	23.6	8.9	1.0								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 1116

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	5.3	1.3	.2								8.6	5.0
NNE	1.3	3.9	2.6	.7								8.5	6.4
NE	.9	1.0	1.9	.4								4.8	6.4
ENE	.4	.5	.4									1.1	5.1
E	.5	.2										.7	2.6
ESE	.4	.2										.5	2.7
SE	.2	.1										.4	2.8
SSE	.3	.4	.2									.9	4.9
S	1.0	2.7	1.9	.2								5.7	6.0
SSW	1.0	7.1	4.1	.4								13.3	6.1
SW	.9	4.3	4.0	.8								10.0	6.8
WSW	1.2	2.7	1.7	.2								5.7	5.8
W	2.3	3.3	1.1	.1								6.8	4.7
WNW	1.9	3.5	.4									5.7	4.2
NW	2.3	2.2	.6									5.2	4.1
NNW	1.5	1.9	.5	.1								4.0	4.6
VARBL													
CALM												17.6	
	18.8	39.9	20.6	3.1								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-8-5 (OL-1) JUL 63 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	8.4	3.1	.7								13.4	6.0
NNE	1.6	4.2	3.5	.9								10.2	6.6
NE	.7	1.3	1.6	.4	.1							4.3	6.9
ENE	.3	.4	.4	.3								1.3	7.3
E	.3	.3	.1	.1								.7	5.0
ESE	.1	.1										.2	3.5
SE		.3										.3	5.0
SSE	.3	.4	.1									.7	4.9
S	.4	1.3	2.0	.4								4.0	7.4
SSW	.4	3.4	3.9	1.3								9.1	7.6
SW	.9	3.0	3.1	.7								7.8	6.8
WSW	.4	2.2	1.5	.5								4.7	6.6
W	1.0	4.3	2.9	.6								9.4	6.1
WNW	1.4	5.8	3.1	.3								10.7	5.7
NW	1.3	4.9	3.0									9.2	5.5
NNW	1.3	3.9	2.2	.2								7.8	5.5
VARBL													
CALM												6.2	
	12.3	44.4	30.4	6.5	.1							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0 6 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSIN DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 30,60-70 YEARS | AUG MONTH

ALL WEATHER CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	7.3	3.9	.1								12.6	6.0
NNE	1.2	5.0	4.2	.8	.1							11.3	6.8
NE	.7	2.2	2.9	.4	.2							6.5	7.2
ENE	.1	.6	.1	.3	.1							1.2	8.4
E	.1	.4										.5	3.7
ESE		.1	.1									.2	7.5
SE	.1											.1	1.0
SSE	.3	.5	.1									.9	4.4
S	.4	.6	.6	.3								2.0	6.5
SSW	.7	3.0	2.1	.6								6.5	6.6
SW	.3	2.4	3.0	.4								6.2	7.2
WSW	.4	1.5	1.9	.5								4.4	7.1
W	.7	2.9	3.4	.8								7.8	7.1
WNW	1.4	6.8	4.8	1.3								14.4	6.6
NW	1.4	5.6	5.2	.4								12.7	6.4
NNW	.9	3.5	2.1	.2								6.6	5.8
VARBL													
CALM												6.0	
	10.0	42.7	34.4	6.5	.4							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1600-2000 (HOURS (L S T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.6	1.2									9.2	4.6
NNE	2.9	9.1	3.2	.4								15.6	5.4
NE	1.3	2.9	1.1	.1								5.4	5.0
ENE	.3	.4	.4									1.1	5.7
E	.2											.2	2.0
ESE	.2	.2										.4	4.0
SE	.2		.1									.3	3.3
SSE	.5	.2	.2									.9	3.9
S	1.1	2.0	.6									3.7	4.7
SSW	1.0	2.0	1.3	.1								5.0	5.4
SW	.4	2.1	1.9	.2								4.6	6.4
WSW	.5	1.3	1.0	.4								3.2	6.2
W	1.4	3.4	4.7	.1								9.6	6.4
WNW	1.3	7.9	4.8	.6								14.7	6.3
NW	1.3	4.0	1.9	.1								7.3	5.3
NNW	1.2	1.9	.1									3.1	3.9
VARBL													
CALM												15.9	
	16.3	43.5	22.4	2.0								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6										1.6	3.0
NNE	1.7	1.9	.3									3.9	4.1
NE	.9	.7	.1									1.7	3.6
ENE	.5	.1										.6	2.7
E	.3	.4										.7	3.7
ESE	.5	.1										.6	3.0
SE	.0	.3										1.0	2.8
SSE	1.3	.6										1.9	3.0
S	2.2	2.4	1.2									5.8	4.5
SSW	1.0	5.2	2.2	.2								9.5	5.5
SW	2.0	2.3	.7									5.1	4.5
WSW	1.5	.9	.3									2.7	3.6
W	3.0	2.3	1.0									6.9	3.9
WNW	1.5	4.1	.5									6.2	4.5
NW	2.7	2.3	.2									5.2	3.5
NNW	.3	.2										.5	3.0
VARBL													
CALM												46.0	
	22.4	24.8	6.6	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 941

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 59,60-68 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3										.4	3.8
NNE	.4	.4	.1									1.0	4.1
NE	.4	.1										.6	2.8
ENE		.1										.1	5.0
E	.3											.3	2.7
ESE	.7	.2										.9	2.6
SE	1.0	.2	.1									1.9	2.4
SSE	1.0	1.0	.1									2.7	3.5
S	5.1	5.7	1.6	.4								12.8	4.4
SSW	1.7	4.2	3.1	.1								9.1	5.7
SW	.8	1.3	.7	.3								3.1	5.9
WSW	.4	.2	.1									.8	4.1
W	.1	.0	.2									.9	5.5
WNW	.6	.1										.7	2.5
NW		.1										.1	4.0
NNW	.1											.1	2.0
VARBL													
CALM												64.6	
	13.9	14.7	6.0	.9								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1										.2	3.5
NNE	.9	.3	.2									1.1	4.0
NE	.2	.3	.1									.6	4.5
ENE	.2											.2	3.0
E	.5	.1										.6	2.7
ESE	1.5	.2										1.7	2.3
SE	1.4	.1										1.5	2.3
SSE	3.2	.9										4.2	2.9
S	7.2	6.2	1.7	.8								15.8	4.4
SSW	1.1	3.3	3.4	.1	.1							8.1	6.4
SW	.8	1.7	.4	.1								3.0	4.9
WSW	.3	.1	.1									.5	3.8
W	.4	.2	.1									.7	3.6
WNW	.2	.4										.6	3.5
NW	.1											.1	2.0
NNW	.3											.3	2.7
VARBL													
CALM												60.6	
	18.2	14.0	6.0	1.0	.1							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 959

USAFETAC FORM 0 8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.1									.6	4.2
NNE	1.2	.9	.5									2.6	4.3
NE	.9	.7	.3									1.9	3.9
ENE	.5	.2	.1									.7	3.8
E	.9	.1										1.0	2.5
ESE	.8	.1										.9	2.3
SE	1.3	.5	.1									1.9	3.0
SSE	2.0	2.3	.1									4.3	3.5
S	5.4	5.7	2.2	.6								13.9	4.7
SSW	1.9	3.9	2.8	.3								8.9	5.9
SW	1.3	1.6	1.0	.1								4.0	4.9
WSW	.5	.4	.2									1.0	4.2
W	.5	.4										.8	2.9
WNW	.8	.3										1.1	2.6
NW	.9	.1										1.0	2.5
NNW	.2	.2										.4	3.0
VARBL													
CALM												54.7	
	19.5	17.4	7.3	1.0								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1078

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	4.1	1.1	.2								6.9	5.3
NNE	1.1	5.2	3.3	.1								9.7	5.9
NE	1.6	2.5	2.0	.5								6.6	5.9
ENE	.6	1.0	.6		.1							2.4	5.8
E	.4	.3										.6	3.4
ESE	.1											.1	1.0
SE	.3	.2										.5	3.2
SSE	.8	.8	.5									2.1	4.3
S	1.2	3.7	3.4	.7								9.1	6.5
SSW	1.2	4.6	5.4	.8								12.0	6.9
SW	.8	3.1	2.5	.7								7.2	6.7
WSW	.8	2.2	1.4	.2	.1							4.7	6.3
W	1.9	1.8	.6	.2								4.5	4.3
WNW	1.8	1.3	.1									3.1	3.6
NW	1.4	1.6	.5									3.4	4.2
NNW	1.0	1.3										2.9	3.3
VARBL													
CALM												24.1	
	17.1	33.7	21.5	3.4	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1080

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	7.2	4.1	.5								13.1	6.0
NNE	.7	4.8	5.4	.								11.8	6.9
NE	1.1	2.2	2.1	.4	.1		.1					6.0	6.8
ENE	.2	.4	.5	.5								1.5	7.7
E	.4											.4	1.3
ESE	.2	.3										.5	4.0
SE	.3	.6	.1									.9	4.3
SSE	.3	.5	.2	.1								1.0	5.9
S	.5	1.2	1.6	1.0								4.3	7.7
SSW	.6	2.7	6.2	1.7	.2							11.4	8.3
SW	.9	2.8	2.9	1.2								7.8	7.1
WSW	.7	1.9	1.4	.8								4.8	7.2
W	1.2	2.7	1.3	1.2	.1							6.5	6.9
WNW	1.5	4.4	2.2									8.1	5.4
NW	2.2	3.3	.7									6.3	4.4
NNW	1.6	3.9	1.1									6.6	4.7
VARBL													
CALM												9.2	
	13.7	38.8	29.7	8.1	.4		.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 1050

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24261 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP MONTH

ALL WEATHER CLASS

CONDITION

1500-1700 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	7.7	3.6	.6								14.0	5.7
NNE	1.3	8.2	5.2	.5								15.2	6.2
NE	1.3	1.9	2.6	.4								6.2	6.3
ENE	.1	.4	1.1									1.6	7.0
E	.1	.1										.2	3.5
ESE	.1	.2										.3	3.0
SE		.1										.1	4.0
SSE	.2	.5										.6	4.1
S	.4	.9	.8	.6								2.8	7.4
SSW	.6	3.3	4.2	1.1		.1						9.4	7.8
SW	.7	2.5	3.0	.8								7.0	7.1
WSW	.4	1.6	2.7	1.2								5.8	8.6
W	1.0	1.9	1.6	1.3								5.8	7.4
WNW	.7	4.9	3.3	.3								9.3	6.3
NW	1.8	2.6	2.0									6.4	5.1
NNW	1.1	3.4	1.0									5.6	4.8
VARBL													
CALM												9.9	
	11.9	40.3	31.1	6.8		.1						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 1080

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	2.7	.6									4.3	4.4
NNE	3.1	5.7	.6									9.4	4.2
NE	2.0	3.3	.5									5.4	4.0
ENE	1.1	.2	.1									1.4	2.8
E	.6		.1									.6	2.7
ESE	.4	.1										.5	2.4
SE	.2	.1										.3	3.0
SSE	.6	.7	.2									1.6	4.4
S	1.1	1.9	1.3									4.3	5.3
SSW	2.2	4.1	3.1	.3								9.6	5.7
SW	1.4	2.5	2.8	.2								6.9	6.0
WSW	.6	1.1	1.3	.7								3.8	6.9
W	1.1	2.8	1.9		.1							5.8	5.7
WNW	.0	2.5	1.5									4.5	5.6
NW	.9	1.3	.1									2.3	3.9
NNW	.2	.6										.7	4.3
VARBL													
CALM												37.0	
	18.1	29.5	14.0	1.2	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1240

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2										.7	2.9
NNE	.6	.9										1.5	3.5
NE	.7	.4	.1									1.2	3.3
ENE	.5											.5	2.6
E	1.0											1.0	2.1
ESE	.6	.1										.9	2.1
SE	.6	.2										1.0	2.4
SSE	1.8	.6										2.4	2.7
S	4.2	4.8	1.5	.2								10.6	4.5
SSW	1.9	4.8	2.5	.7								9.9	6.1
SW	.8	1.5	1.8	.1								4.2	6.1
WSW	.5	.3	.1									.9	4.0
W	.6	.7	.3									1.5	4.4
WNW	.8	1.1	.2									2.2	4.2
NW	.3	.5	.1									.9	4.3
NNW	.6	.1										.7	2.4
VARBL													
CALM												59.0	
	17.1	10.4	6.6	1.0								100.0	1.9

TOTAL NUMBER OF OBSERVATIONS 960

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-68	CT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4										.4	4.3
NNE	.2	.4										.7	3.5
NE	.1	.1	.1									.3	4.3
ENE	.4											.4	1.3
E	.0	.1										.7	2.8
ESE	.4	.4	.1									1.0	3.7
SE	1.0	1.0	.1									2.9	3.7
SSE	3.7	2.7	.8	.2								7.4	4.1
S	4.1	5.0	2.1	.3	.2							12.4	5.1
SSW	1.0	4.1	4.7	1.1	.0							12.1	7.5
SW	.4	.8	1.9	.1								3.2	7.0
WSW	.2	.2										.4	3.5
W	.2	.1	.1									.4	4.5
WNW	.2	.3	.2									.8	5.3
NW	.0	.1										.7	2.7
NNW	.1	.1		.1								.3	5.3
VARBL													
CALM												55.0	
	14.7	16.6	12.2	1.9	.8							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 896

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2										.5	3.4
NNE	.6	.3		.1								1.1	4.3
NE	.6	.4	.1									1.2	3.3
ENE	.1											.1	2.0
E	.3	.1										.4	2.3
ESE	1.7	.3	.1									2.1	2.6
SE	1.1	1.5	.1									2.6	3.8
SSE	3.2	2.9	.7	.2								7.1	4.1
S	4.6	5.2	3.6	.7								14.3	5.4
SSW	1.6	2.5	4.5	1.3	.1							10.2	7.2
SW	.6	1.0	1.5	.2								2.9	7.0
WSW	.1	.1	.1									.3	5.0
W	.1	.3	.1									.5	5.2
WNW	.2	.1	.1									.4	4.3
NW	.2	.1										.3	2.7
NNW	.2	.1										.3	3.7
VARBL													
CALM												55.6	
	15.6	15.1	11.0	2.5	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 947

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE	.4	.5	.1									1.0	4.1
NE	.7	.7		.1								1.5	4.3
ENE	.9	.3										1.2	2.5
E	.3	.2	.1									.5	3.7
ESE	1.1	.4	.1									1.5	2.9
SE	2.9	1.3	.3									4.4	3.3
SSE	3.5	3.3	1.0	.1								7.9	4.0
S	5.7	6.5	4.3	1.3	.2							18.0	5.6
SSW	.9	3.0	4.6	1.7								10.1	7.7
SW	.4	.5	1.4									2.4	6.6
WSW	.2	.4	.3	.1								.9	6.5
W	.7	.1	.1									.9	3.0
WNW	.1	.3										.4	3.5
NW	.1											.1	2.0
NNW	.1	.1										.2	3.0
VARBL													
CALM												48.9	
	17.9	17.5	12.2	3.3	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 1113

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.8	.4	.1								2.2	4.4
NNE	1.3	1.4	1.1	.2								3.9	5.3
NE	1.5	2.1	.4	.3								4.3	4.8
ENE	.6	.8	.3									1.7	4.4
E	.9	.1	.3									1.3	4.1
ESE	.5	1.1	.2	.1								1.9	4.4
SE	.6	.3	.3	.2								1.6	5.3
SSE	1.3	2.2	1.1	.1								4.7	5.1
S	2.1	5.2	4.4	2.6	.6							14.9	7.7
SSW	1.7	3.4	7.2	2.2	.2							14.7	7.0
SW	.7	2.6	2.8	1.0	.1							7.2	7.4
WSW	1.0	.8	.8	.4								3.0	6.2
W	1.0	1.0	.2	.1								2.2	4.2
WNW	1.1	.6	.1	.1								2.1	3.3
NW	.9	.2										1.1	2.4
NNW	.1	.4	.2									1.3	3.7
VARBL													
CALM												31.9	
	16.8	23.5	19.5	7.3	.9							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74201	PORT LEWIS WASHINGTON/GRAY AAF	39,60-70	CT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1200-1400 — HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.8	1.3									5.5	5.0
NNE	1.3	2.6	2.1	.7								6.6	6.2
NE	.9	2.1	1.2	.4								4.5	5.9
ENE	.3	.0										.9	3.7
E	.2	.4										.6	4.3
ESE	.3	.3	.2									.7	4.3
SE	.2	.4	.2									.7	5.0
SSE	.5	1.3	.5	.2								2.6	5.7
S	.6	2.1	5.0	2.2	.3	.1						10.3	9.0
SSW	1.5	3.4	6.7	2.4	.2							14.2	8.2
SW	1.3	2.5	4.1	1.6								9.5	7.7
WSW	.4	1.9	2.1	.8								5.1	7.6
W	1.5	3.2	1.6	.6								7.0	5.8
WNW	2.6	2.5	.3	.3								5.6	4.3
NW	1.6	2.3	.4									4.4	4.1
NNW	1.2	2.3	.4									3.9	4.6
VARBL													
CALM												17.7	
	15.7	30.7	26.1	9.2	.4	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	3.3	1.3									6.5	4.7
NNE	.7	4.5	1.5	.4								7.1	5.8
NE	1.6	2.1	.7	.1								4.5	4.6
ENE	.8	1.4	.4									2.6	4.6
E	.4											.4	2.3
ESE	.8	.6										1.4	3.2
SE	.4	.7	.2									1.3	4.8
SSE	.6	.8	.9									2.3	5.7
S	1.2	4.4	3.8	1.0	.1							10.4	6.8
SSW	2.1	5.9	6.1	1.1	.2							15.3	6.8
SW	.7	3.0	3.4	.8								8.0	7.1
WSW	.8	1.3	1.8	.7								4.6	7.2
W	1.2	1.5	2.1	.2								4.9	6.1
WNW	1.3	2.2	.5	.2								4.0	4.6
NW	1.2	2.2	.4	.1								3.9	4.1
NNW	1.8	2.0	.3									4.0	3.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	10.8	
	17.3	36.1	23.0	4.5	.3							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1115

USAFETAC FORM JUL 64 0 6 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4										.5	4.2
NNE	1.0	1.5	.1	.1								2.7	4.5
NE	.8	1.3	.1									2.2	3.8
ENE	.6	.4										1.1	3.4
E	.5	.2										.7	2.6
ESE	.4	.8	.1									1.3	4.1
SE	1.1	.9	.4	.3								2.7	5.0
SSE	2.7	1.9	.7		.1	.1	.1					5.6	5.0
S	3.3	5.9	3.3	.6								13.2	5.6
SSW	.6	7.0	4.8	.5								13.0	6.5
SW	.9	.9	1.8	.2								3.8	6.6
WSW	.5	.4	.1									1.1	3.5
W	.3	1.2	.3	.1								1.8	5.9
WNW	.1	.4	.2									.7	5.5
NW	.3	.2										.4	3.6
NNW	.4											.4	2.8
VARBL													
CALM												48.9	
	13.6	23.5	11.9	1.8	.1	.1	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 1114

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) CT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.1									.5	5.8
NNE	.5	.6										1.1	3.7
NE	.5	.2	.1									.8	3.6
ENE	.4											.4	1.8
E													
ESE	.6	.4	.3									1.3	3.9
SE	1.7	1.2	.1									3.0	3.5
SSE	2.3	2.3	.1	.1	.2		.1					5.1	4.9
S	2.6	6.3	3.7	.8	.2							13.6	6.2
SSW	1.1	5.5	5.7	.9	.1							13.3	7.1
SW	.7	.4	.9	.4								2.4	7.0
WSW	.7	.1	.1									.9	3.2
W	.6	.2	.1									.9	3.6
WNW	.3	.3	.1									.7	4.0
NW	.2	.4										.6	3.7
NNW	.1											.1	2.0
VARBL													
CALM												55.4	
	12.4	18.1	11.3	2.2	.5		.1					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 1003

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-62,64-68 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2										.6	3.4
NNE	.0	.4	.2									1.2	4.0
NE	1.0	.9	.2									2.1	4.1
ENE	.7	.1										.8	2.3
E	.6	.4										1.0	3.0
ESE	1.2	.7	.1									2.1	3.2
SE	2.0	1.1	.1									3.2	3.3
SSE	2.2	4.1	.6									6.9	4.3
S	4.7	5.6	4.7	.9	.4							16.2	5.9
SSW	1.5	4.6	6.2	3.2	.1							15.6	7.8
SW	.4	.9	1.1	.4								2.7	7.3
WSW	.2		.5	.5								1.2	9.0
W	.4	.2		.2								.9	6.1
WNW	.1	.1										.2	3.0
NW	.5											.5	2.3
NNW	.5											.5	2.8
VARBL													
CALM												44.2	
	17.0	19.3	13.8	5.2	.5							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM 0-8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-62,64-68 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4										.5	4.0
NNE	.4	.5										.9	3.7
NE	.6	1.4										1.7	4.4
ENE	.5	.1	.1									.7	3.3
E	.6	.2										.9	3.0
ESE	1.5	1.1										2.6	3.3
SE	2.0	1.7	.1									3.8	3.4
SSE	3.3	3.5	1.0	.1	.1							8.6	4.8
S	3.5	4.3	4.4	2.2	.1							14.6	6.6
SSW	1.0	3.2	6.2	1.2	.2							11.9	7.9
SW	.5	.5	1.2	.4								2.6	7.2
WSW	.2	.1	.1	.4	.1							1.0	9.6
W	.2	.2		.2								.7	7.8
WNW													
NW	.2	.1										.4	3.0
NNW	.2											.2	2.5
VARBL													
CALM												18.9	
	14.1	17.4	13.8	4.6	.6							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 917

USAFETAC FORM JUL 64 0-8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2	.1									.8	3.4
NNE	.3	.5	.1									.9	4.3
NE	.7	1.3										2.0	3.9
ENE	.7	.4										1.1	3.3
E	.9	.2										1.1	2.7
ESE	1.5	.7										2.2	2.8
SE	1.9	1.2	.5	.1								3.7	4.2
SSE	3.1	3.6	1.1	.1								7.9	4.6
S	3.7	6.7	5.3	1.7	.1							17.4	6.3
SSW	1.3	2.6	4.7	1.1								9.7	7.5
SW	.2	.6	1.3	.5								2.6	8.1
WSW	.5	.3	.6	.1								1.5	6.4
W	.6	.6	.1									1.3	3.6
WNW	.6	.2										.8	2.9
NW	.2	.2										.4	3.3
NNW	.1	.1	.1									.3	5.0
VARBL													
CALM												46.3	
	17.1	19.2	13.9	3.5	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 1078

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.5									1.7	4.2
NNE	1.0	1.2	.3									2.5	4.4
NE	1.5	1.7	.5									3.6	4.2
ENE	1.0	.5	.1									1.6	3.2
E	.3	.4										.6	3.7
ESE	1.0	.6	.1	.1								1.9	3.5
SE	1.1	1.4	.5	.1								3.1	4.6
SSE	2.4	2.2	1.1	.4								6.1	5.1
S	1.9	6.8	5.6	1.2	.6							16.0	7.1
SSW	1.5	3.5	8.1	1.2	.6	.1						15.1	8.3
SW	.3	.9	1.9	.3								3.4	7.6
WSW	.2	.6	.5	.2								2.1	8.8
W	.7	.9	.2									1.9	4.3
WNW	.6	.6	.1									1.3	4.7
NW	1.0											1.0	2.4
NNW	.6	.1										.7	2.2
VARBL													
CALM												37.4	
	16.0	21.9	19.4	4.1	1.2	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1060

DATA PROCESSING DIVISION
FETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	.5									3.3	4.2
NNE	1.5	2.4	2.1									6.0	5.6
NE	1.0	1.5	.2	.1								3.5	5.4
ENE	.9	.6	.1									1.7	3.6
E	.5	.3										.7	3.4
ESE	.6	.6	.1									1.3	3.3
SE	.9	.9	.3	.1								1.9	4.7
SSE	.7	.9	.6	.2	.1							2.4	6.2
S	1.6	3.1	6.1	2.5	.1							13.4	3.0
SSW	1.4	5.3	4.9	3.1	.2							20.1	2.0
SW	1.1	2.3	2.4	1.3								7.1	7.3
WSW	.7	1.3	1.0	1.2								4.3	7.8
W	1.4	.9	.6	.1	.2							3.1	5.1
WNW	1.8	.7	.1	.1								2.7	3.4
NW	1.2	.9	.4									2.5	3.9
NNW	1.3	1.7	.1									3.1	3.5
VARBL													
CALM												22.4	
	17.6	25.3	25.1	8.7	.5							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 1000

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

242.01 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.1	.6									3.7	4.4
NNE	1.2	3.7	.9	.1								5.9	4.9
NE	1.3	1.7	.3	.1								3.3	4.1
ENE	.5	.4										.9	3.0
E	.9	.3										1.2	2.8
ESE	.8	.6	.1									1.5	3.3
SE	.9	.4	.2	.2								1.7	5.1
SSE	1.4	1.6	1.2	.1	.1							4.4	5.3
S	2.2	7.0	5.0	1.4	.2							16.9	6.9
SSW	1.9	6.6	7.9	.6	.1							17.1	6.8
SW	1.1	1.7	2.0	.1								4.9	6.2
WSW	.4	.9	.5		.1							1.9	6.2
W	.8	.9	.6	.5	.2							3.0	7.3
WNW	.9	.7	.1									1.7	3.9
NW	.6	.9	.1									1.6	4.1
NNW	1.2	.6	.1									1.9	3.0
VARBL													
CALM												28.5	
	18.1	29.1	20.6	3.1	.6							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 1040

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	ANV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.1	.2									1.3	4.3
NNE	.6	.8	.4									1.9	4.5
NE	.8	.5										1.5	3.2
ENE	.2	.1										.6	2.7
E	.4	.4										.7	4.1
ESE	.8	.6	.1									1.6	3.6
SE	.8	.7	.3	.1								1.9	4.2
SSE	2.4	3.5	.6	.2								6.8	4.4
S	3.0	7.3	3.8	1.5								15.6	6.1
SSW	.9	4.8	5.5	1.5	.2							12.9	7.6
SW	.6	1.0	1.3	.2	.1							3.2	6.7
WSW	.4	.5		.4								1.1	7.0
W	.2	.2										.5	3.2
WNW	.4	.4	.2									.9	4.7
NW	.3	.1										.4	2.8
NNW	.2											.3	2.0
VARBL													
CALM												40.2	
	13.1	21.2	12.4	3.8	.3							100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 1000

USAFETAC FORM 0-35 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39;60-70 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3										.6	2.0
NNE	.4	.7	.2									1.3	4.5
NE	.6	.7										1.3	3.4
ENE	.0											.6	2.7
E	.6	.1										.7	2.9
ESE	1.1	.6										1.7	2.8
SE	1.3	1.4	.7		.2							3.5	5.3
SSE	2.6	3.4	.7	.2								6.9	4.3
S	2.9	5.7	4.2	.7	.2							13.7	5.2
SSW	1.0	4.2	7.0	1.6	.2							13.9	7.9
SW	.2	.9	.8	.4	.1							2.4	8.2
WSW	.2	.2		.1	.1							.6	8.0
W	.1	.1	.1									.3	5.3
WNW	.2	.4										.6	4.3
NW	.1	.1										.2	3.3
NNW	.1											.1	2.0
VARBL													
CALM												51.5	
	12.4	18.7	13.6	2.9	.8							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 1013

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-68	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3											.3	2.7
NNE	.6	.4	1.1	.1								2.3	6.5
NE	.4	.5	.3	.1								1.4	5.0
ENE	.2	.3										.5	3.8
E	.4		.1									.5	3.2
ESE	1.6	.9										1.8	3.3
SE	1.3	1.2	.2									2.7	3.4
SSE	1.8	1.8	1.2	.2								5.1	5.2
S	3.3	4.1	4.6	2.3	.2							14.5	7.1
SSW	1.0	5.1	7.0	2.6								15.7	7.6
SW	.8	.6	1.8	.4								3.6	5.6
WSW	.4	.2	.2	.1								1.0	5.7
W	.4	.1	.4									1.0	4.3
WNW	.2											.2	3.5
NW	.3											.3	2.3
NNW	.1											.1	2.0
VARBL													
CALM												28.4	
	13.7	15.4	17.0	5.3	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2										.4	3.5
NNE	1.0	1.0	.3	.1								2.4	4.8
NE	.9	.5	.1	.1	.1							1.7	5.0
ENE	.5	.3	.3									1.2	4.5
E	.8	.1										.9	2.9
ESE	.0	1.1										1.2	3.8
SE	.9	1.2	.6									2.7	4.8
SSE	1.5	1.1	.0	.1	.1							3.4	4.9
S	2.5	4.7	5.5	1.8	.3							14.8	7.2
SSW	.8	5.1	6.8	2.2	.2							14.9	7.9
SW	.8	.9	2.3	.5								4.6	7.5
WSW		.2	.3	.1	.1							.8	10.4
W	.5	.5		.1								1.2	4.7
WNW	.2		.1									.3	4.7
NW													
NNW	.2	.1										.3	2.7
VARBL													
CALM												48.5	
	11.4	17.0	17.2	5.1	.9							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2										.4	2.5
NNE	.9	.4	.3									1.5	4.0
NE	1.3	.8	.3	.1								2.5	4.1
ENE	.4		.2									.6	3.6
E	.4	.1										.4	2.6
ESE	1.3	1.1	.1									2.4	3.4
SE	1.4	1.7	.5	.2								3.9	4.6
SSE	2.2	2.7	.8	.4								6.0	4.8
S	3.5	5.4	5.3	2.8	.1							17.0	6.8
SSW	1.3	4.4	6.2	1.3								13.3	7.3
SW	.5	.6	1.3	.6								3.1	7.3
WSW	.4	.4	.3	.2	.4							1.5	9.2
W	.3	.1			.1							.4	6.8
WNW	.3	.2										.4	3.2
NW	.1	.1										.2	4.0
NNW	.1		.1									.2	3.0
VARBL													
CALM												46.0	
	14.6	18.0	15.3	5.6	.5							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 1114

USAFETAC FORM 0 8 5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.1									1.0	4.0
NNE	.7	1.3	.3	.1								2.3	4.9
NE	1.3	.9	.5									2.8	4.0
ENE	.7	.2	.2									1.1	3.7
E	.4	.4										.7	3.1
ESE	.9	.5	.4									1.9	4.3
SE	1.5	.7	.4	.2								2.9	4.3
SSE	2.2	1.8	1.3	.4								5.6	5.2
S	3.2	6.1	4.4	3.4	.4							17.5	7.3
SSW	2.6	3.9	8.4	1.8	.2							16.3	7.7
SW	.8	1.0	1.3	.8	.1							4.0	7.5
WSW	.7	.4	.6	.1		.1						2.0	6.7
W	1.0	.3	.4	.2	.1							2.0	5.7
WNW	.2	.2	.1									.4	4.2
NW	.2	.1										.3	2.7
NNW	.2											.2	2.5
VARBL													
CALM												39.2	
	16.5	18.1	18.3	6.9	.7	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0 8 5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	DEC
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4	.2									2.2	3.4
NNE	1.2	1.3	1.1	.1								3.7	5.4
NE	2.3	3.0	.7	.1								6.1	4.5
ENE	.6	.8	.4									1.8	4.4
E	.7	.1										.8	2.3
ESE	.5	.4	.1									1.1	3.9
SE	.7	.4	.7	.5								2.4	6.5
SSE	1.1	.6	1.1	.6	.1							3.5	6.6
S	2.2	2.3	3.7	3.1	.9	.3						12.6	8.9
SSW	1.4	4.1	9.5	3.3	.3							18.7	8.4
SW	.6	3.0	2.9	.6								7.3	6.9
WSW	.7	.5	1.2	.7	.1							3.2	7.9
W	.7	1.3	.4	.4	.1							2.9	6.5
WNW	.6	.4	.1									1.1	3.5
NW	.9	.3	.1									1.3	3.5
NNW	.7	.1	.1									.9	3.0
VARBL													
CALM												30.7	
	17.0	19.1	22.1	9.5	1.4	.3						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1115

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSIN DIVISION
(TAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.4	.1									1.4	3.4
NNE	1.3	1.9	.8									4.0	4.8
NE	2.2	1.7	.7									4.7	4.1
ENE	.7	.5	.1									1.3	3.7
E	.8	.3										1.1	2.6
ESE	1.3	.3	.1									1.6	3.2
SE	1.3	.6	.9	.3								3.1	5.2
SSE	1.4	2.1	.8	.5	.3							5.1	6.3
S	2.8	5.5	5.6	1.8	.2							15.8	6.9
SSW	1.3	4.4	7.5	2.0	.1							15.2	7.8
SW	1.3	1.5	1.8	.5	.1							5.4	6.3
WSW	.4	.9	1.3	.1								2.7	6.6
W	.8	.7	.4	.1								2.1	5.1
WNW	.5	.3										.8	2.3
NW	.7	.3										1.0	2.7
NNW	.2	.5										.7	4.3
VARBL													
CALM												34.0	
	16.2	21.8	20.1	5.4	.6							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-60-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	.2									.9	4.3
NNE	.5	1.2	.8									2.5	5.2
NE	1.1	.7	.1									1.9	3.5
ENE	.3	.4										.7	4.1
E	.6	.1										.7	2.1
ESE	1.0	.4										2.1	2.8
SE	1.4	.8	.7	.1								3.1	4.6
SSE	2.2	3.0	1.1	.2								6.5	4.5
S	3.7	6.0	5.6	2.2	.1							17.6	6.7
SSW	1.1	4.4	6.6	1.7	.1							13.9	7.6
SW	.5	1.2	1.3	.5								3.5	7.2
WSW	.4	.2	.3	.3								1.1	7.0
W	.2	.3	.1	.2								.7	7.5
WNW	.3	.1										.4	2.0
NW	.4											.4	2.5
NNW		.1										.1	4.0
VARBL													
CALM												44.1	
	14.1	19.1	16.7	5.2	.2							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 1114

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

24241	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.1									.6	3.8
NNE	.6	.5	1.0									2.1	6.2
NE	1.2	.6	.1									1.9	3.3
ENE	.7	.2	.1									.9	3.1
E	1.2	.5										1.7	2.1
ESE	.9	.6	.1									1.5	3.3
SE	1.6	.9	.2									2.8	3.7
SSE	2.6	1.7	1.8	.2								5.7	5.4
S	2.9	5.2	4.5	2.0	.2							14.8	6.8
SSW	.9	4.7	5.5	2.5								13.7	7.9
SW	.9	.9	1.4	.5								3.7	7.1
WSW	.1	.1	.1		.1							.4	8.5
W	.3	.3		.2	.1							.9	6.7
WNW	.2	.2										.4	4.0
NW	.1											.1	1.9
NNW	.1											.1	2.0
VARBL													
CALM												48.9	
	13.9	16.6	14.9	5.3	.4							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 1034

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | ALL MONTH

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.7	.1	.2								2.2	3.7
NNE	1.4	1.5	.5	.0								3.4	4.2
NE	1.0	1.5	.3	.0								2.4	3.6
ENE	.9	.5	.1									1.5	3.4
E	.6	.2										.8	2.5
ESE	1.0	.2	.0									1.2	2.4
SE	1.3	.4	.0									1.8	2.8
SSE	1.3	.9	.2									2.3	3.5
S	2.6	2.2	1.4	.6	.1							7.0	5.4
SSW	2.1	4.4	4.5	1.2	.1							12.3	6.8
SW	1.5	2.9	1.9	.4	.0	.0						6.8	6.0
WSW	1.1	1.2	.6	.1	.0	.0						3.1	5.2
W	1.3	1.4	.3	.2	.0							3.1	4.6
WNW	1.1	.9	.1	.0								2.1	3.8
NW	1.0	.5	.1									1.7	3.3
NNW	.6	.5	.1									1.4	3.3
VARBL													
CALM												16.5	
	20.6	19.7	10.2	2.6	.3	.0						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 10057

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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.

* Low percentages in visibility column $\geq$ 10 miles for some months and month-hour groups are due to station reporting a maximum visibility of 7 miles for these observations.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.8											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	29.5	33.3	34.3	35.0	35.6	35.7	36.1	36.3	36.4	36.6	36.7	36.8	36.9	37.0	37.1	37.2
≥ 20000	34.5	38.8	39.9	40.8	41.4	41.6	42.1	42.3	42.4	42.7	42.8	42.9	43.0	43.1	43.2	43.4
≥ 18000	34.6	38.8	40.0	40.9	41.5	41.7	42.2	42.4	42.5	42.8	42.9	43.0	43.1	43.2	43.3	43.5
≥ 16000	34.8	39.1	40.3	41.1	41.8	42.0	42.4	42.7	42.8	43.0	43.2	43.3	43.4	43.4	43.6	41.7
≥ 14000	35.7	40.1	41.3	42.2	42.9	43.1	43.5	43.8	43.9	44.1	44.3	44.3	44.5	44.6	44.7	44.9
≥ 12000	36.9	41.5	42.8	43.7	44.4	44.6	45.1	45.3	45.4	45.7	45.8	45.9	46.1	46.1	46.2	46.4
≥ 10000	38.6	43.5	44.8	45.8	46.5	46.8	47.2	47.5	47.6	47.9	48.1	48.1	48.3	48.3	48.5	48.6
≥ 9000	39.6	44.8	46.2	47.1	47.9	48.1	48.6	48.9	49.0	49.3	49.5	49.5	49.7	49.7	49.9	50.0
≥ 8000	42.1	47.8	49.3	50.3	51.1	51.3	51.9	52.2	52.3	52.5	52.7	52.8	52.9	53.0	53.1	53.3
≥ 7000	44.7	51.0	52.6	53.7	54.5	54.8	55.3	55.6	55.7	56.0	56.2	56.3	56.4	56.5	56.6	56.8
≥ 6000	46.6	53.4	55.1	56.2	57.1	57.4	57.9	58.2	58.4	58.6	58.8	58.9	59.0	59.1	59.2	59.4
≥ 00	49.4	57.0	58.9	60.1	61.0	61.3	61.9	62.3	62.4	62.7	62.9	62.7	63.1	63.2	63.3	61.5
≥ 4500	51.2	59.2	61.1	62.4	63.4	63.7	64.3	64.7	64.8	65.1	65.3	65.3	65.5	65.6	65.7	65.9
≥ 4000	54.1	62.8	64.9	66.3	67.3	67.6	68.2	68.6	68.8	69.1	69.3	69.3	69.5	69.6	69.7	69.2
≥ 3500	57.0	66.5	68.8	70.2	71.3	71.7	72.4	72.8	72.9	73.2	73.4	73.5	73.7	73.8	73.9	74.1
≥ 3000	60.3	70.7	73.2	74.8	76.0	76.4	77.1	77.5	77.7	78.0	78.2	78.3	78.5	78.6	78.7	78.9
≥ 2500	63.4	74.7	77.5	79.2	80.4	80.8	81.6	82.1	82.2	82.6	82.8	82.9	83.1	83.2	83.3	83.5
≥ 2000	66.3	78.7	81.7	83.6	85.0	85.4	86.2	86.8	86.9	87.4	87.6	87.7	87.8	87.9	88.1	88.3
≥ 1800	68.8	79.4	82.5	84.4	85.8	86.3	87.1	87.6	87.8	88.2	88.5	88.5	88.7	88.8	88.9	89.1
≥ 1500	67.8	80.8	84.1	86.0	87.5	88.0	88.9	89.4	89.6	90.0	90.3	90.4	90.5	90.6	90.7	91.0
≥ 1200	68.6	82.1	85.5	87.5	89.1	89.6	90.6	91.2	91.4	91.8	92.0	92.1	92.3	92.4	92.5	92.7
≥ 1000	68.9	82.6	86.1	88.2	89.9	90.5	91.4	92.1	92.3	92.8	93.0	93.1	93.3	93.4	93.5	93.7
≥ 900	68.9	82.8	86.3	88.5	90.3	90.9	91.9	92.5	92.7	93.2	93.5	93.5	93.7	93.8	93.9	94.2
≥ 800	69.0	83.1	86.7	88.9	90.7	91.3	92.4	93.1	93.3	93.8	94.1	94.1	94.3	94.4	94.6	94.8
≥ 700	69.1	83.3	86.9	89.2	91.1	91.7	92.8	93.5	93.8	94.3	94.6	94.6	94.8	94.9	95.1	95.3
≥ 600	69.1	83.4	87.1	89.4	91.4	92.0	93.2	94.0	94.2	94.7	95.0	95.1	95.3	95.4	95.5	95.8
≥ 500	69.2	83.5	87.2	89.6	91.6	92.3	93.6	94.5	94.8	95.3	95.7	95.8	96.0	96.1	96.2	96.4
≥ 400	69.2	83.5	87.3	89.7	91.8	92.6	93.9	94.9	95.2	95.9	96.3	96.4	96.6	96.7	96.9	97.1
≥ 300	69.2	83.6	87.3	89.8	91.9	92.7	94.1	95.1	95.5	96.3	96.8	96.9	97.2	97.4	97.6	97.9
≥ 200	69.2	83.6	87.3	89.8	91.9	92.7	94.1	95.2	95.6	96.4	97.1	97.2	97.5	97.8	98.1	98.4
≥ 100	69.2	83.6	87.3	89.8	91.9	92.7	94.1	95.2	95.7	96.5	97.1	97.3	97.7	98.0	98.4	99.5
≥ 0	69.2	83.6	87.3	89.8	91.9	92.7	94.1	95.2	95.7	96.5	97.1	97.3	97.8	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 29442

USAFETAC FORM 0-13-5 (OL 1) PA 54 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	13.4	16.1	16.7	17.2	17.6	17.8	18.0	18.3	18.3	18.5	18.7	18.9	18.9	19.1	19.3
≥ 20000	17.8	21.0	21.9	22.7	23.3	23.5	23.9	24.3	24.4	24.6	24.8	24.9	25.0	25.2	25.5
≥ 18000	17.8	21.0	21.9	22.7	23.3	23.5	23.9	24.3	24.4	24.6	24.8	24.9	25.0	25.1	25.3
≥ 16000	17.9	21.2	22.1	22.9	23.6	23.8	24.2	24.6	24.7	24.9	25.1	25.2	25.3	25.3	25.5
≥ 14000	18.7	22.2	23.1	24.0	24.7	24.9	25.3	25.7	25.8	26.1	26.3	26.4	26.5	26.5	26.7
≥ 12000	19.7	23.4	24.4	25.4	26.2	26.5	26.9	27.3	27.5	27.7	27.9	28.0	28.1	28.2	28.4
≥ 10000	21.0	25.0	26.0	27.1	28.0	28.3	28.7	29.2	29.3	29.6	29.8	29.9	30.0	30.0	30.3
≥ 9000	21.9	26.3	27.4	28.5	29.5	29.8	30.3	30.8	30.9	31.2	31.4	31.5	31.6	31.7	31.9
≥ 8000	24.2	29.3	30.7	31.7	32.8	33.2	33.7	34.2	34.3	34.6	34.9	35.0	35.1	35.2	35.4
≥ 7000	26.3	32.3	33.8	35.0	36.2	36.4	37.0	37.5	37.6	37.8	38.1	38.2	38.3	38.4	38.7
≥ 6000	28.1	34.9	36.5	37.8	39.0	39.4	39.9	40.5	40.6	40.8	41.2	41.3	41.4	41.5	41.7
≥ 5000	30.0	38.7	40.9	42.4	43.7	44.1	44.7	45.3	45.5	45.8	46.1	46.2	46.4	46.4	46.7
≥ 4500	32.2	41.1	43.6	45.1	46.6	47.0	47.7	48.3	48.5	48.8	49.1	49.2	49.4	49.5	49.7
≥ 4000	34.7	45.0	47.7	49.6	51.2	51.7	52.4	53.1	53.3	53.7	53.9	54.1	54.2	54.3	54.5
≥ 3500	37.4	49.4	52.5	54.5	56.3	56.9	57.7	58.4	58.6	58.8	59.2	59.4	59.5	59.7	59.8
≥ 3000	40.0	53.9	57.3	59.5	61.5	62.1	63.0	64.0	64.2	64.6	64.9	65.1	65.2	65.3	65.5
≥ 2500	42.5	58.2	62.1	64.4	66.5	67.2	68.2	69.2	69.5	69.9	70.2	70.3	70.5	70.6	70.8
≥ 2000	45.0	63.1	67.7	70.4	72.9	73.5	74.6	75.8	76.1	76.5	76.8	77.0	77.2	77.2	77.4
≥ 1800	45.3	63.7	68.4	71.1	73.5	74.3	75.4	76.5	76.9	77.3	77.6	77.8	78.0	78.1	78.3
≥ 1500	46.0	65.3	70.2	73.0	75.3	76.4	77.6	78.9	79.2	79.7	80.0	80.1	80.3	80.4	80.6
≥ 1200	47.0	67.3	72.4	75.4	78.1	79.0	80.3	81.6	82.0	82.5	82.9	83.0	83.2	83.3	83.5
≥ 1000	47.2	67.8	73.1	76.3	79.3	80.3	81.6	83.1	83.7	84.2	84.6	84.7	84.9	85.0	85.2
≥ 900	47.2	68.1	73.4	76.7	79.7	80.8	82.2	83.7	84.3	84.8	85.2	85.4	85.6	85.8	86.0
≥ 800	47.3	68.5	73.9	77.3	80.6	81.7	83.1	84.8	85.4	85.9	86.4	86.5	86.6	86.8	87.1
≥ 700	47.4	68.8	74.2	77.8	81.1	82.2	83.8	85.5	86.2	86.9	87.3	87.5	87.7	87.8	88.0
≥ 600	47.4	69.0	74.4	78.1	81.6	82.8	84.6	86.3	87.3	87.9	88.4	88.6	88.9	89.0	89.2
≥ 500	47.5	69.1	74.7	78.5	82.1	83.5	85.4	87.6	88.5	89.3	89.8	90.0	90.3	90.4	90.6
≥ 400	47.5	69.2	74.8	78.6	82.4	83.9	85.9	88.1	89.3	90.4	91.2	91.5	91.8	91.9	92.2
≥ 300	47.5	69.2	74.8	78.7	82.4	84.1	86.3	88.7	89.9	91.1	92.2	92.4	93.1	93.3	93.6
≥ 200	47.5	69.2	74.8	78.7	82.5	84.1	86.4	89.1	90.3	91.6	92.9	93.5	94.1	94.5	95.1
≥ 100	47.5	69.2	74.9	78.7	82.5	84.2	86.5	89.1	90.4	91.7	93.1	93.6	94.4	94.9	95.7
≥ 0	47.5	69.2	74.9	78.7	82.5	84.2	86.5	89.1	90.4	91.7	93.1	93.6	94.4	94.9	95.7

TOTAL NUMBER OF OBSERVATIONS 7704

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	21.6	25.7	27.1	28.2	28.9	29.2	29.7	30.0	30.1	30.4	30.6	30.7	30.8	30.8	30.9	31.0
≥ 20000	25.7	30.5	32.0	33.4	34.1	34.5	35.2	35.6	35.8	36.1	36.4	36.4	36.6	36.7	36.8	36.9
≥ 18000	25.7	30.5	32.1	33.6	34.2	34.6	35.3	35.7	35.9	36.2	36.4	36.5	36.7	36.7	36.8	37.0
≥ 16000	25.8	30.6	32.2	33.5	34.3	34.6	35.4	35.8	36.0	36.3	36.5	36.6	36.8	36.8	36.9	37.1
≥ 14000	26.7	31.6	33.3	34.8	35.6	36.0	36.7	37.2	37.3	37.7	37.9	38.1	38.1	38.2	38.3	38.5
≥ 12000	27.7	32.8	34.5	36.1	37.0	37.4	38.2	38.6	38.8	39.1	39.4	39.5	39.6	39.7	39.9	40.0
≥ 10000	29.2	35.0	36.7	38.3	39.6	40.0	40.9	41.3	41.5	41.9	42.2	42.3	42.4	42.5	42.7	42.8
≥ 9000	30.2	36.4	38.2	40.1	41.2	41.6	42.5	43.1	43.2	43.5	43.8	43.9	44.1	44.2	44.3	44.5
≥ 8000	32.5	39.2	41.2	43.1	44.2	44.6	45.6	46.1	46.3	46.7	47.0	47.1	47.2	47.3	47.5	47.6
≥ 7000	35.5	43.1	45.3	47.4	48.6	49.0	50.1	50.6	50.7	51.2	51.5	51.6	51.7	51.8	52.0	52.1
≥ 6000	37.5	45.8	48.2	50.2	51.5	52.3	53.0	53.5	53.7	54.1	54.4	54.5	54.7	54.8	54.9	55.1
≥ 5000	39.9	49.0	51.6	53.6	55.0	55.4	56.5	57.0	57.3	57.7	58.1	58.2	58.3	58.4	58.6	58.7
≥ 4500	41.1	50.7	53.3	55.4	56.8	57.3	58.4	58.9	59.2	59.7	60.0	60.1	60.2	60.3	60.5	60.6
≥ 4000	43.9	54.9	57.6	59.9	61.3	61.8	63.0	63.5	63.8	64.3	64.7	64.8	65.0	65.1	65.2	65.4
≥ 3500	46.9	59.0	62.1	64.5	65.9	66.4	67.6	68.2	68.5	69.0	69.4	69.5	69.7	69.8	69.9	70.1
≥ 3000	51.2	64.7	68.0	70.6	72.2	72.7	74.0	74.7	75.0	75.6	75.9	76.0	76.2	76.3	76.5	76.7
≥ 2500	54.2	69.1	72.8	75.5	77.1	77.7	79.0	79.8	80.1	80.7	81.1	81.2	81.4	81.5	81.6	81.8
≥ 2000	57.3	74.4	78.6	81.6	83.6	84.3	85.7	86.5	86.8	87.5	87.9	88.0	88.2	88.3	88.5	88.6
≥ 1800	58.0	75.5	79.8	82.8	84.9	85.5	87.0	87.8	88.1	88.8	89.2	89.3	89.5	89.6	89.8	90.0
≥ 1500	59.3	77.2	81.7	84.8	87.0	87.7	89.2	90.0	90.4	91.1	91.5	91.6	91.9	92.0	92.1	92.3
≥ 1200	59.8	78.2	83.0	86.2	88.7	89.4	90.9	91.8	92.2	92.9	93.3	93.5	93.7	93.8	94.0	94.2
≥ 1000	59.9	78.6	83.5	86.8	89.4	90.1	91.7	92.6	93.0	93.8	94.2	94.4	94.6	94.7	94.9	95.1
≥ 900	59.9	78.7	83.7	87.0	89.7	90.4	92.1	93.0	93.4	94.2	94.6	94.	95.0	95.1	95.3	95.5
≥ 800	60.0	78.9	83.9	87.3	90.0	90.8	92.5	93.4	93.8	94.6	95.0	95.2	95.4	95.5	95.7	95.9
≥ 700	60.1	79.1	84.2	87.6	90.4	91.2	92.9	93.9	94.3	95.0	95.5	95.7	95.9	96.0	96.2	96.4
≥ 600	60.1	79.2	84.3	87.6	90.4	91.3	93.1	94.1	94.5	95.2	95.7	95.9	96.1	96.2	96.4	96.6
≥ 500	60.1	79.2	84.3	87.8	90.6	91.5	93.3	94.3	94.8	95.6	96.1	96.3	96.5	96.6	96.8	97.0
≥ 400	60.1	79.2	84.4	87.8	90.7	91.6	93.4	94.5	95.0	95.8	96.4	96.5	96.9	97.0	97.2	97.4
≥ 300	60.1	79.2	84.4	87.8	90.7	91.6	93.5	94.6	95.2	96.1	97.0	97.2	97.6	97.8	98.0	98.1
≥ 200	60.1	79.2	84.4	87.9	90.7	91.6	93.5	94.6	95.2	96.1	97.1	97.4	97.8	98.0	98.1	98.2
≥ 100	60.1	79.2	84.4	87.9	90.7	91.6	93.5	94.7	95.2	96.2	97.1	97.4	97.8	98.1	98.4	99.4
≥ 0	60.1	79.2	84.4	87.9	90.7	91.6	93.5	94.7	95.2	96.2	97.2	97.4	97.9	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40,61-70 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	26.5	30.3	31.4	31.9	32.4	32.3	32.6	32.8	32.9	33.1	33.2	33.3	33.3	33.4	33.4
≥ 20000	32.0	36.1	37.3	37.9	38.4	38.3	38.6	38.8	38.9	39.2	39.3	39.3	39.4	39.5	39.5
≥ 18000	32.1	36.2	37.4	38.0	38.4	38.4	38.8	39.0	39.1	39.3	39.5	39.5	39.6	39.6	39.7
≥ 16000	32.5	36.6	37.8	38.4	38.8	38.9	39.2	39.4	39.5	39.7	39.9	39.9	40.0	40.0	40.1
≥ 14000	33.7	37.9	39.2	39.8	40.2	40.3	40.6	40.8	40.9	41.1	41.3	41.3	41.4	41.4	41.5
≥ 12000	35.3	39.6	40.8	41.5	41.9	41.9	42.3	42.5	42.6	42.8	43.0	43.0	43.1	43.1	43.2
≥ 10000	37.6	42.1	43.4	44.2	44.5	44.5	44.9	45.1	45.2	45.4	45.6	45.6	45.7	45.8	45.8
≥ 9000	38.8	43.6	44.9	45.6	46.1	46.1	46.5	46.7	46.8	47.0	47.2	47.2	47.3	47.3	47.4
≥ 8000	41.5	46.8	48.2	49.0	49.4	49.5	49.9	50.1	50.2	50.4	50.6	50.6	50.7	50.8	50.8
≥ 7000	45.3	51.1	52.6	53.4	53.8	53.9	54.3	54.5	54.6	54.9	55.1	55.1	55.2	55.2	55.3
≥ 6000	47.9	54.3	55.8	56.6	57.1	57.2	57.5	57.8	57.9	58.1	58.3	58.3	58.4	58.5	58.6
≥ 5000	50.8	58.4	60.2	61.0	61.6	61.7	62.2	62.4	62.5	62.7	63.0	63.0	63.1	63.1	63.2
≥ 4500	52.3	60.3	62.2	63.1	63.7	63.7	64.2	64.4	64.5	64.8	65.0	65.0	65.1	65.2	65.2
≥ 4000	55.6	64.3	66.3	67.2	67.8	67.9	68.4	68.7	68.8	69.0	69.2	69.2	69.4	69.4	69.5
≥ 3500	59.5	69.1	71.4	72.3	73.0	73.1	73.6	73.8	73.9	74.2	74.4	74.4	74.5	74.6	74.7
≥ 3000	64.1	75.3	77.7	78.6	79.3	79.7	80.2	80.5	80.6	80.8	81.1	81.1	81.2	81.3	81.3
≥ 2500	67.7	79.8	82.5	83.8	84.6	84.8	85.3	85.5	85.6	85.9	86.2	86.2	86.3	86.4	86.4
≥ 2000	71.6	85.0	87.9	89.2	90.1	90.4	90.9	91.1	91.2	91.5	91.8	91.8	91.9	92.0	92.0
≥ 1800	71.7	85.5	88.5	89.9	90.7	91.0	91.5	91.8	91.9	92.2	92.4	92.5	92.6	92.6	92.7
≥ 1500	72.2	86.6	89.8	91.2	92.3	92.5	93.1	93.4	93.5	93.8	94.0	94.1	94.2	94.3	94.3
≥ 1200	72.7	87.7	91.1	92.5	93.7	93.9	94.5	94.9	95.0	95.3	95.5	95.6	95.8	95.8	95.9
≥ 1000	72.9	88.1	91.5	93.1	94.2	94.5	95.2	95.5	95.6	95.9	96.2	96.2	96.4	96.4	96.5
≥ 900	72.9	88.2	91.7	93.3	94.3	94.8	95.4	95.8	95.9	96.2	96.5	96.5	96.6	96.7	96.7
≥ 800	73.0	88.4	91.9	93.6	94.9	95.1	95.9	96.2	96.3	96.6	96.9	97.0	97.1	97.1	97.2
≥ 700	73.1	88.5	92.1	93.9	95.1	95.4	96.2	96.6	96.7	97.0	97.3	97.4	97.5	97.5	97.6
≥ 600	73.1	88.5	92.2	94.0	95.3	95.6	96.3	96.7	96.9	97.2	97.5	97.6	97.7	97.7	97.8
≥ 500	73.3	88.6	92.3	94.2	95.5	95.8	96.6	97.0	97.2	97.6	97.9	97.9	98.1	98.1	98.2
≥ 400	73.3	88.6	92.3	94.2	95.6	95.9	96.7	97.2	97.4	97.8	98.2	98.2	98.4	98.4	98.5
≥ 300	73.3	88.6	92.3	94.3	95.7	96.0	96.9	97.5	97.6	98.1	98.5	98.5	98.7	98.8	99.0
≥ 200	73.3	88.6	92.3	94.3	95.7	96.0	96.9	97.5	97.7	98.2	98.6	98.7	98.9	99.1	99.2
≥ 100	73.3	88.6	92.3	94.3	95.7	96.0	96.9	97.5	97.7	98.2	98.6	98.7	98.9	99.1	99.3
≥ 0	73.3	88.6	92.3	94.3	95.7	96.0	96.9	97.5	97.7	98.2	98.6	98.7	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS ____ 7968

USAFETAC FORM 0-14-3 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	26.8	29.1	29.8	30.1	30.3	30.4	30.5	30.6	30.6	30.7	30.8	30.8	30.8	30.8	30.9
≥ 20000	34.7	37.6	38.4	38.9	39.2	39.3	39.5	39.5	39.6	39.7	39.8	39.8	39.8	39.8	39.9
≥ 18000	34.9	37.8	38.6	39.1	39.5	39.6	39.8	39.8	39.9	40.0	40.1	40.1	40.1	40.1	40.1
≥ 16000	35.1	38.0	38.9	39.4	39.7	39.8	40.0	40.0	40.1	40.3	40.3	40.3	40.3	40.3	40.4
≥ 14000	36.0	38.9	39.8	40.3	40.6	40.7	40.9	41.0	41.0	41.2	41.2	41.2	41.3	41.3	41.3
≥ 12000	37.3	40.3	41.2	41.7	42.1	42.1	42.4	42.4	42.5	42.6	42.7	42.7	42.7	42.7	42.7
≥ 10000	39.7	43.0	44.0	44.5	44.8	44.9	45.1	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.5
≥ 9000	40.9	44.4	45.3	45.8	46.2	46.2	46.5	46.5	46.6	46.8	46.8	46.8	46.8	46.8	46.9
≥ 8000	43.8	47.6	48.7	49.2	49.5	49.6	49.9	49.9	50.0	50.2	50.2	50.2	50.2	50.2	50.3
≥ 7000	47.8	52.0	53.1	53.7	54.1	54.1	54.4	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.9
≥ 6000	50.3	54.7	56.0	56.6	57.0	57.1	57.3	57.4	57.5	57.6	57.7	57.7	57.7	57.7	57.7
≥ 5000	53.5	58.3	59.6	60.3	60.7	60.8	61.0	61.1	61.2	61.4	61.4	61.4	61.5	61.5	61.5
≥ 4500	55.8	61.0	62.4	63.0	63.5	63.5	63.8	63.9	64.0	64.1	64.2	64.2	64.2	64.2	64.3
≥ 4000	60.2	66.0	67.5	68.2	68.6	68.7	69.0	69.1	69.2	69.3	69.4	69.4	69.4	69.4	69.5
≥ 3500	64.4	70.7	72.3	73.0	73.5	73.6	73.9	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.4
≥ 3000	69.2	76.2	78.0	78.8	79.3	79.5	79.8	79.9	80.0	80.1	80.2	80.2	80.2	80.2	80.3
≥ 2500	74.6	82.3	84.2	85.0	85.7	85.8	86.1	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6
≥ 2000	78.6	87.4	89.5	90.4	91.2	91.3	91.7	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2
≥ 1800	79.4	88.3	90.4	91.4	92.1	92.2	92.6	92.8	92.9	93.0	93.1	93.1	93.1	93.2	93.2
≥ 1500	80.3	89.8	92.0	93.1	93.8	94.0	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	95.1
≥ 1200	81.0	90.8	93.2	94.4	95.2	95.3	95.8	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.4
≥ 1000	81.4	91.3	93.8	95.1	95.9	96.1	96.6	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2
≥ 900	81.4	91.5	94.1	95.4	96.3	96.5	97.0	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6
≥ 800	81.5	91.7	94.4	95.7	96.6	96.8	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.1
≥ 700	81.5	91.8	94.5	95.8	96.8	97.1	97.7	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3
≥ 600	81.5	91.9	94.6	96.1	97.1	97.4	98.0	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.8
≥ 500	81.5	91.9	94.8	96.2	97.2	97.5	98.3	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0
≥ 400	81.5	92.0	94.8	96.2	97.4	97.6	98.4	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3
≥ 300	81.5	92.0	94.8	96.3	97.4	97.7	98.5	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5
≥ 200	81.5	92.0	94.8	96.3	97.4	97.7	98.6	99.0	99.1	99.4	99.5	99.6	99.6	99.6	99.6
≥ 100	81.5	92.0	94.8	96.3	97.4	97.7	98.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	99.7
≥ 0	81.5	92.0	94.8	96.3	97.4	97.7	98.6	99.0	99.1	99.4	99.6	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 8424

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) AY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	28.1	40.4	40.8	41.1	41.3	41.4	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7
≥ 20000	45.9	48.4	48.9	49.2	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
≥ 18000	46.0	48.5	49.0	49.3	49.6	49.7	49.8	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0
≥ 16000	46.2	48.6	49.2	49.5	49.9	49.9	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3
≥ 14000	47.5	50.0	50.4	50.7	51.1	51.2	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5
≥ 12000	48.9	51.4	51.9	52.2	52.6	52.6	52.8	52.8	52.8	52.8	52.9	52.9	52.9	52.9	53.0	53.0
≥ 10000	50.9	53.6	54.1	54.4	54.7	54.8	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1
≥ 9000	52.0	54.7	55.2	55.5	55.9	55.9	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3
≥ 8000	54.9	57.9	58.3	58.6	59.0	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
≥ 7000	58.1	61.3	61.8	62.1	62.5	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9
≥ 6000	60.6	64.0	64.5	64.8	65.2	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6
≥ 5000	64.3	68.1	68.6	69.0	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8
≥ 4500	67.0	71.0	71.6	71.9	72.3	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.8	72.8
≥ 4000	69.8	74.2	74.8	75.2	75.6	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1
≥ 3500	73.6	78.3	79.0	79.4	79.8	79.9	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4
≥ 3000	77.9	83.0	83.8	84.3	84.7	84.8	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3
≥ 2500	81.4	86.9	87.8	88.3	88.8	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4
≥ 2000	84.8	90.9	91.8	92.4	92.9	93.1	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6
≥ 1800	85.4	91.6	92.6	93.2	93.7	93.8	94.0	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 1500	86.7	93.3	94.3	94.9	95.5	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1200	87.4	94.3	95.3	96.0	96.6	96.7	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1000	87.7	94.7	95.9	96.6	97.2	97.4	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0
≥ 900	87.7	94.9	96.1	96.9	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 800	87.8	95.1	96.4	97.1	97.8	98.0	98.3	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 700	87.8	95.2	96.6	97.3	98.0	98.2	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	87.8	95.3	96.7	97.5	98.2	98.3	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 500	87.8	95.4	96.8	97.6	98.2	98.4	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 400	87.9	95.4	96.8	97.6	98.4	98.6	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.3
≥ 300	87.9	95.5	96.9	97.7	98.4	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.6	99.6	99.7
≥ 200	87.9	95.5	96.9	97.7	98.4	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 100	87.9	95.5	96.9	97.7	98.4	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0
≥ 0	87.9	95.5	96.9	97.7	98.4	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 8621

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅝	≥5/16	≥¼	≥0
NO CEILING	41.9	44.0	44.4	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	47.4	49.6	50.0	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.6
≥ 18000	47.4	49.7	50.1	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7
≥ 16000	47.6	49.9	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 14000	48.5	50.9	51.3	51.5	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	50.3	52.7	53.2	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7
≥ 10000	51.8	54.3	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	55.3
≥ 9000	52.8	55.3	55.8	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
≥ 8000	54.8	57.5	58.0	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
≥ 7000	57.5	60.4	60.9	61.1	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5
≥ 6000	60.1	63.0	63.6	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2
≥ 5000	63.4	66.7	67.3	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	65.5	68.9	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 4000	68.6	72.2	72.9	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5
≥ 3500	72.5	76.3	77.0	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
≥ 3000	76.7	80.9	81.7	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 2500	80.7	85.3	86.1	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 2000	84.4	89.6	90.4	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 1800	85.3	90.4	91.3	91.7	92.0	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
≥ 1500	86.3	91.6	92.6	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 1200	87.3	93.1	94.3	94.8	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
≥ 1000	87.8	93.9	95.1	95.6	96.1	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 900	88.0	94.3	95.6	96.2	96.7	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 800	88.3	94.8	96.2	96.8	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 700	88.4	95.1	96.5	97.3	97.9	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4
≥ 600	88.4	95.2	96.8	97.6	98.3	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 500	88.5	95.4	97.0	97.9	98.6	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400	88.5	95.4	97.0	98.0	98.8	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7
≥ 300	88.5	95.4	97.0	98.0	98.8	99.0	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9
≥ 200	88.5	95.4	97.0	98.0	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	88.5	95.4	97.0	98.0	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0
0	88.5	95.4	97.0	98.0	98.8	99.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 8938

USAFETAC FORM JU 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	55.3	57.7	58.1	58.1	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	59.8	62.5	63.0	63.0	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 18000	59.8	62.6	63.0	63.1	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 16000	60.0	62.7	63.2	63.2	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6
≥ 14000	60.7	63.4	63.9	64.0	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 12000	61.6	64.3	64.8	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 10000	62.9	65.7	66.2	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	63.7	66.5	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 8000	65.5	68.4	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3
≥ 7000	67.1	70.1	70.6	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	68.6	71.6	72.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6
≥ 5000	71.2	74.5	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	72.8	76.0	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
≥ 4000	75.2	78.5	79.0	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3500	77.9	81.4	82.0	82.2	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3000	81.3	85.0	85.6	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	84.1	88.0	88.6	88.8	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	86.2	90.3	91.1	91.3	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	86.9	91.2	92.0	92.2	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
≥ 1500	88.3	92.7	93.6	93.8	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	89.5	94.2	95.1	95.4	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
≥ 1000	90.0	94.9	95.8	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 900	90.2	95.2	96.2	96.5	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	90.3	95.4	96.5	96.8	97.2	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	90.4	95.7	96.8	97.2	97.6	97.7	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	90.6	95.9	97.1	97.6	98.0	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	90.6	96.1	97.2	97.8	98.2	98.3	98.6	98.7	98.8	98.5	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	90.6	96.1	97.3	97.9	98.4	98.5	98.8	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.3	99.3
≥ 300	90.6	96.1	97.3	97.9	98.4	98.6	98.9	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7
≥ 200	90.6	96.1	97.4	97.9	98.4	98.6	98.9	99.1	99.2	99.5	99.6	99.7	99.7	99.8	99.9	99.9
≥ 100	90.6	96.1	97.4	97.9	98.4	98.6	99.0	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0
0	90.6	96.1	97.4	97.9	98.4	98.6	99.0	99.1	99.2	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 9213

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	43.5	48.2	49.8	50.4	50.8	50.8	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.4	51.4
≥ 20000	47.2	52.4	54.1	54.8	55.2	55.3	55.7	55.8	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
≥ 18000	47.3	52.5	54.2	54.9	55.3	55.4	55.8	55.9	55.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1
≥ 16000	47.5	52.7	54.4	55.0	55.5	55.6	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3	56.3
≥ 14000	48.6	53.9	55.6	56.3	56.8	56.8	57.2	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6
≥ 12000	49.7	55.3	57.1	57.7	58.2	58.3	58.7	58.8	58.8	58.9	58.9	58.9	58.9	59.0	59.0	59.0
≥ 10000	50.4	56.5	58.2	58.9	59.4	59.5	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2
≥ 9000	51.5	57.3	59.1	59.8	60.2	60.3	60.7	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
≥ 8000	53.7	59.9	61.8	62.5	62.9	63.0	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	55.2	61.9	63.7	64.4	64.9	65.0	65.4	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7
≥ 6000	56.9	63.7	65.6	66.3	66.8	66.9	67.3	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
≥ 5000	59.9	66.9	68.9	69.6	70.1	70.2	70.7	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0
≥ 4500	61.4	68.6	70.6	71.4	71.9	72.0	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	72.8
≥ 4000	63.9	71.5	73.6	74.4	74.9	75.0	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
≥ 3500	66.6	74.4	76.6	77.4	78.0	78.1	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	78.9
≥ 3000	69.3	77.4	79.7	80.5	81.1	81.2	81.6	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0
≥ 2500	72.3	80.7	83.2	84.0	84.6	84.8	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.6
≥ 2000	75.7	84.7	87.3	88.1	88.8	88.9	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 1800	76.7	85.8	88.5	89.3	90.0	90.2	90.7	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1
≥ 1500	78.3	87.6	90.5	91.4	92.1	92.3	92.8	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
≥ 1200	79.8	89.5	92.5	93.5	94.2	94.4	95.0	95.2	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 1000	80.4	90.3	93.4	94.4	95.2	95.4	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.5	96.5
≥ 900	80.7	90.5	93.7	94.8	95.6	95.8	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9
≥ 800	80.9	90.9	94.1	95.2	96.0	96.3	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4
≥ 700	81.1	91.2	94.5	95.6	96.5	96.8	97.4	97.6	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9
≥ 600	81.1	91.4	94.6	95.8	96.8	97.0	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3
≥ 500	81.2	91.6	94.8	96.0	97.0	97.3	97.9	98.2	98.3	98.4	98.6	98.6	98.7	98.7	98.7	98.7
≥ 400	81.2	91.6	94.9	96.1	97.2	97.4	98.1	98.4	98.5	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	81.2	91.7	95.0	96.2	97.3	97.6	98.3	98.6	98.7	99.0	99.2	99.3	99.4	99.4	99.5	99.5
≥ 200	81.2	91.7	95.0	96.2	97.3	97.6	98.3	98.7	98.8	99.0	99.2	99.3	99.5	99.6	99.7	99.7
≥ 100	81.2	91.7	95.0	96.2	97.3	97.6	98.3	98.7	98.8	99.1	99.2	99.3	99.6	99.7	99.8	99.9
≥ 0	81.2	91.7	95.0	96.2	97.3	97.6	98.3	98.7	98.8	99.1	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 8317

USAFETAC FORM JUL 64 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	42.7	41.4	43.9	46.5	48.3	48.8	49.8	50.4	50.5	51.0	51.2	51.3	51.5	51.6	51.7	52.0
≥ 20000	43.0	44.6	47.0	50.3	52.4	52.9	54.0	54.7	54.8	55.3	55.5	55.5	55.8	56.0	56.1	56.4
≥ 18000	43.0	44.8	47.6	50.3	52.4	52.9	54.0	54.7	54.8	55.3	55.5	55.5	55.9	56.0	56.2	56.4
≥ 16000	43.0	45.1	47.9	50.6	52.7	53.2	54.3	55.0	55.1	55.6	55.8	55.9	56.2	56.3	56.5	56.7
≥ 14000	46.2	45.6	48.5	51.2	53.3	53.9	54.9	55.6	55.7	56.2	56.4	56.5	56.8	56.9	57.1	57.4
≥ 12000	46.9	46.0	49.5	52.2	54.3	54.9	56.0	56.7	56.8	57.3	57.5	57.6	57.9	58.0	58.1	58.4
≥ 10000	48.3	48.2	51.1	54.0	56.0	56.6	57.7	58.4	58.5	59.0	59.2	59.3	59.6	59.7	59.9	60.2
≥ 9000	49.2	49.3	52.2	55.0	57.1	57.7	58.8	59.5	59.7	60.2	60.4	60.5	60.8	60.9	61.0	61.3
≥ 8000	50.7	51.4	54.4	57.3	59.4	60.0	61.2	61.9	62.0	62.6	62.8	62.9	63.1	63.3	63.4	63.7
≥ 7000	52.7	53.8	57.0	60.0	62.2	62.8	63.9	64.6	64.8	65.3	65.5	65.6	65.9	66.0	66.2	66.4
≥ 6000	53.8	55.3	58.5	61.6	63.8	64.5	65.6	66.4	66.5	67.0	67.2	67.3	67.6	67.7	67.9	68.2
≥ 5000	55.6	57.6	61.0	64.2	66.5	67.1	68.3	69.1	69.2	69.7	69.9	70.0	70.3	70.4	70.6	70.9
≥ 4500	57.2	59.4	62.8	66.1	68.4	69.0	70.2	71.0	71.1	71.6	71.8	71.9	72.2	72.3	72.5	72.8
≥ 4000	59.5	62.3	65.7	69.1	71.4	72.1	73.3	74.1	74.2	74.7	75.0	75.1	75.3	75.5	75.6	75.9
≥ 3500	61.0	64.2	67.9	71.3	73.7	74.3	75.6	76.3	76.4	77.0	77.2	77.3	77.6	77.7	77.9	78.2
≥ 3000	63.4	67.0	70.8	74.3	76.7	77.4	78.6	79.4	79.5	80.1	80.3	80.4	80.7	80.8	81.0	81.3
≥ 2500	65.9	70.1	74.0	77.7	80.2	80.9	82.2	83.0	83.1	83.7	83.9	84.1	84.3	84.4	84.6	84.9
≥ 2000	68.5	73.6	77.7	81.6	84.2	84.9	86.3	87.1	87.2	87.8	88.0	88.2	88.4	88.6	88.7	89.0
≥ 1800	69.1	74.4	78.5	82.4	85.1	85.8	87.1	87.9	88.1	88.7	88.9	89.1	89.3	89.4	89.6	89.9
≥ 1500	69.8	75.5	79.7	83.7	86.5	87.3	88.6	89.4	89.5	90.2	90.4	90.6	90.8	90.9	91.1	91.4
≥ 1200	70.5	76.6	80.9	85.0	87.9	88.7	90.1	91.0	91.1	91.7	92.0	92.1	92.4	92.5	92.7	93.0
≥ 1000	70.7	77.1	81.4	85.6	88.5	89.4	90.8	91.7	91.9	92.6	92.8	92.9	93.2	93.3	93.5	93.8
≥ 900	70.8	77.2	81.6	85.8	88.7	89.6	91.1	92.1	92.2	92.9	93.1	93.3	93.5	93.7	93.8	94.1
≥ 800	70.8	77.5	81.9	86.1	89.1	90.0	91.6	92.6	92.7	93.4	93.7	93.8	94.1	94.2	94.4	94.6
≥ 700	70.8	77.6	82.0	86.3	89.3	90.2	91.8	93.0	93.2	93.8	94.1	94.2	94.5	94.6	94.8	95.1
≥ 600	70.8	77.7	82.2	86.5	89.5	90.5	92.1	93.3	93.5	94.2	94.4	94.5	94.8	94.9	95.1	95.4
≥ 500	70.8	77.7	82.3	86.8	89.9	90.9	92.6	93.9	94.1	94.9	95.2	95.4	95.7	95.8	96.0	96.3
≥ 400	70.8	77.8	82.4	86.9	90.0	91.0	92.8	94.1	94.4	95.3	95.7	95.9	96.2	96.3	96.5	96.8
≥ 300	70.8	77.8	82.5	86.9	90.1	91.2	93.1	94.4	94.8	95.7	96.2	96.4	96.8	96.9	97.2	97.6
≥ 200	70.8	77.8	82.5	86.9	90.2	91.2	93.1	94.5	94.9	95.9	96.4	96.7	97.2	97.4	97.7	98.1
≥ 100	70.8	77.8	82.5	86.9	90.2	91.2	93.1	94.5	94.9	95.9	96.5	96.8	97.4	97.6	98.1	98.5
≥ 0	70.8	77.8	82.5	86.9	90.2	91.2	93.1	94.5	94.9	95.9	96.5	96.8	97.4	97.6	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 8217

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24241 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	20.7	26.2	28.1	29.6	31.0	31.5	32.3	32.9	33.2	33.6	34.0	34.1	34.5	34.8	35.1	35.7
≥ 20000	25.6	32.2	34.5	36.3	37.9	38.5	39.4	40.1	40.3	40.6	41.3	41.4	41.9	42.2	42.5	43.1
≥ 18000	25.7	32.3	34.6	36.4	38.0	38.6	39.5	40.2	40.5	40.9	41.4	41.5	42.0	42.3	42.6	43.2
≥ 16000	25.9	32.5	34.9	36.7	38.3	38.9	39.9	40.5	40.8	41.2	41.7	41.9	42.3	42.6	42.9	43.6
≥ 14000	27.1	33.7	36.1	37.8	39.6	40.2	41.2	41.8	42.1	42.5	43.0	43.2	43.7	43.9	44.3	44.9
≥ 12000	28.3	35.5	38.0	39.9	41.6	42.2	43.2	43.9	44.2	44.7	45.2	45.3	45.8	46.1	46.4	47.1
≥ 10000	30.2	37.9	40.5	42.5	44.1	44.8	45.8	46.5	46.8	47.3	47.8	48.0	48.4	48.7	49.0	49.7
≥ 9000	31.3	39.2	41.8	43.9	45.6	46.3	47.3	48.0	48.3	48.8	49.3	49.5	49.9	50.2	50.6	51.2
≥ 8000	34.3	42.9	45.7	47.9	49.7	50.4	51.5	52.2	52.5	53.0	53.5	53.7	54.2	54.5	54.8	55.5
≥ 7000	36.6	46.0	49.0	51.3	53.1	53.9	55.0	55.7	56.0	56.6	57.1	57.2	57.7	58.0	58.3	59.0
≥ 6000	38.0	47.9	50.9	53.4	55.2	56.1	57.2	58.0	58.3	58.8	59.3	59.5	60.0	60.3	60.6	61.3
≥ 5000	40.3	51.3	54.6	57.2	59.2	60.0	61.2	61.9	62.3	62.8	63.3	63.5	64.0	64.2	64.6	65.3
≥ 4500	41.7	53.5	57.1	59.6	61.6	62.5	63.6	64.4	64.7	65.3	65.8	66.0	66.5	66.7	67.1	67.7
≥ 4000	44.7	57.2	60.9	63.5	65.7	66.5	67.7	68.5	68.9	69.4	69.9	70.1	70.6	70.9	71.2	71.9
≥ 3500	46.8	60.1	64.1	66.8	69.0	69.9	71.1	71.8	72.2	72.8	73.3	73.5	74.0	74.3	74.6	75.3
≥ 3000	49.1	63.2	67.5	70.4	72.7	73.6	74.9	75.7	76.0	76.6	77.1	77.3	77.8	78.1	78.4	79.1
≥ 2500	51.5	66.5	71.2	74.3	76.7	77.6	79.0	79.9	80.2	80.8	81.4	81.6	82.1	82.3	82.7	83.4
≥ 2000	53.5	69.6	74.5	77.8	80.3	81.3	82.8	83.6	84.0	84.6	85.1	85.4	85.9	86.1	86.5	87.2
≥ 1800	53.9	70.1	75.1	78.4	81.1	82.1	83.6	84.4	84.8	85.4	85.9	86.1	86.6	86.9	87.3	88.0
≥ 1500	54.6	71.1	76.2	79.6	82.4	83.4	85.0	85.9	86.3	86.9	87.5	87.7	88.2	88.5	88.8	89.5
≥ 1200	55.1	71.8	76.9	80.5	83.3	84.4	86.0	87.0	87.4	88.1	88.6	88.8	89.4	89.6	90.0	90.7
≥ 1000	55.2	72.1	77.4	81.0	84.0	85.0	86.7	87.8	88.2	88.8	89.4	89.6	90.1	90.4	90.7	91.4
≥ 900	55.2	72.2	77.6	81.3	84.4	85.4	87.1	88.2	88.6	89.3	89.8	90.0	90.5	90.8	91.2	91.9
≥ 800	55.3	72.4	77.8	81.6	84.8	85.9	87.8	89.0	89.4	90.1	90.6	90.9	91.4	91.6	92.0	92.7
≥ 700	55.3	72.5	77.9	81.8	85.1	86.2	88.2	89.4	89.9	90.6	91.2	91.4	91.9	92.2	92.5	93.2
≥ 600	55.4	72.6	78.0	81.9	85.4	86.6	88.7	90.0	90.4	91.2	91.8	92.0	92.5	92.8	93.2	93.9
≥ 500	55.4	72.6	78.1	82.0	85.5	86.8	89.0	90.5	91.0	91.9	92.5	92.7	93.3	93.5	93.9	94.6
≥ 400	55.4	72.6	78.1	82.1	85.6	86.9	89.3	90.8	91.4	92.3	93.1	93.3	93.9	94.2	94.5	95.2
≥ 300	55.4	72.7	78.2	82.1	85.7	87.0	89.4	91.0	91.6	92.7	93.6	93.9	94.5	94.8	95.3	96.0
≥ 200	55.4	72.7	78.2	82.2	85.7	87.0	89.4	91.2	91.8	92.9	93.9	94.3	95.1	95.5	96.1	97.2
≥ 100	55.4	72.7	78.2	82.2	85.7	87.0	89.4	91.2	91.8	93.0	94.0	94.4	95.3	95.8	96.5	98.6
0	55.4	72.7	78.2	82.2	85.7	87.0	89.4	91.2	91.8	93.0	94.0	94.4	95.4	95.9	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 8425

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	16.3	20.5	21.5	22.0	22.6	22.7	23.3	23.5	23.6	24.0	24.3	24.4	24.8	24.8	25.0	25.2
≥ 20000	21.4	26.4	27.4	28.1	28.8	29.0	29.6	29.9	30.1	30.6	30.9	30.9	31.4	31.4	31.6	31.9
≥ 18000	21.4	26.5	27.5	28.3	29.0	29.2	29.8	30.2	30.3	30.8	31.1	31.2	31.6	31.7	31.9	32.2
≥ 16000	21.7	26.8	27.9	28.6	29.4	29.6	30.2	30.5	30.6	31.1	31.5	31.5	31.9	32.0	32.2	32.5
≥ 14000	22.6	28.0	29.2	30.0	30.8	31.0	31.7	32.0	32.1	32.6	33.0	33.0	33.5	33.5	33.7	34.0
≥ 12000	23.7	29.5	30.8	31.6	32.5	32.8	33.5	33.8	34.0	34.5	34.8	34.9	35.3	35.4	35.6	35.9
≥ 10000	25.5	32.2	33.6	34.5	35.5	35.7	36.5	36.9	37.0	37.5	37.9	38.0	38.4	38.5	38.7	39.0
≥ 9000	26.9	34.3	35.9	36.9	37.9	38.2	39.0	39.4	39.6	40.1	40.5	40.5	41.0	41.0	41.3	41.6
≥ 8000	29.8	38.5	40.4	41.6	42.7	43.1	43.9	44.4	44.5	45.0	45.4	45.5	45.9	46.0	46.2	46.6
≥ 7000	32.4	42.4	44.5	45.7	47.0	47.3	48.2	48.7	48.9	49.5	49.9	49.9	50.4	50.4	50.7	51.0
≥ 6000	34.0	44.6	46.9	48.3	49.6	50.1	51.0	51.6	51.8	52.5	52.9	52.9	53.4	53.5	53.7	54.1
≥ 5000	36.8	49.0	51.5	53.0	54.4	54.9	56.0	56.7	56.9	57.6	58.0	58.1	58.5	58.6	58.9	59.2
≥ 4500	38.5	51.5	54.2	55.8	57.3	57.8	58.9	59.6	59.8	60.5	61.0	61.0	61.5	61.5	61.8	62.2
≥ 4000	41.2	55.7	58.8	60.6	62.3	62.8	63.9	64.6	64.8	65.6	66.0	66.1	66.5	66.6	66.9	67.2
≥ 3500	43.4	59.6	63.1	65.2	67.0	67.6	68.8	69.6	69.8	70.5	71.0	71.0	71.5	71.6	71.8	72.2
≥ 3000	45.8	63.2	67.1	69.4	71.3	72.0	73.2	74.0	74.2	75.0	75.6	75.6	76.1	76.1	76.4	76.8
≥ 2500	48.0	66.6	70.7	73.2	75.3	76.0	77.2	78.1	78.4	79.2	79.8	79.9	80.3	80.4	80.7	81.1
≥ 2000	49.5	69.5	74.0	76.7	79.0	79.7	81.0	81.9	82.3	83.3	83.9	83.9	84.4	84.5	84.7	85.1
≥ 1800	49.7	69.8	74.3	77.1	79.4	80.2	81.5	82.4	82.8	83.8	84.4	84.4	84.9	85.0	85.2	85.7
≥ 1500	50.3	71.0	75.7	78.6	81.0	81.8	83.2	84.2	84.6	85.6	86.2	86.3	86.7	86.8	87.1	87.5
≥ 1200	50.8	71.9	76.8	79.8	82.4	83.2	84.7	85.8	86.2	87.3	87.9	87.9	88.4	88.5	88.8	89.2
≥ 1000	51.0	72.3	77.1	80.3	82.9	83.8	85.4	86.5	86.9	88.0	88.6	88.7	89.1	89.2	89.5	89.9
≥ 900	51.0	72.4	77.4	80.5	83.2	84.2	85.8	86.9	87.3	88.4	89.1	89.2	89.6	89.7	90.0	90.4
≥ 800	51.1	72.6	77.6	80.9	83.7	84.7	86.4	87.5	88.0	89.1	89.8	89.8	90.3	90.4	90.6	91.1
≥ 700	51.1	72.7	77.7	81.0	83.9	84.9	86.7	87.9	88.3	89.3	90.2	90.2	90.7	90.8	91.1	91.5
≥ 600	51.1	72.8	77.9	81.3	84.2	85.4	87.1	88.4	88.9	90.1	90.8	90.9	91.3	91.4	91.7	92.1
≥ 500	51.1	72.9	78.1	81.5	84.5	85.8	87.7	89.1	89.7	90.9	91.8	91.9	92.3	92.4	92.7	93.2
≥ 400	51.2	73.0	78.1	81.6	84.8	86.2	88.2	89.9	90.5	92.0	92.8	92.9	93.4	93.6	93.9	94.4
≥ 300	51.2	73.0	78.2	81.7	85.0	86.4	88.6	90.6	91.2	92.9	94.0	94.1	94.7	94.9	95.2	95.9
≥ 200	51.2	73.0	78.2	81.7	85.0	86.5	88.8	90.8	91.5	93.4	94.7	94.8	95.5	95.8	96.3	97.1
≥ 100	51.2	73.0	78.2	81.7	85.0	86.5	88.8	90.8	91.5	93.4	94.8	94.9	95.7	96.1	96.7	99.2
≥ 0	51.2	73.0	78.2	81.7	85.0	86.5	88.8	90.8	91.6	93.4	94.8	94.9	95.8	96.2	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6137

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	12.3	15.0	15.7	16.1	16.5	16.6	16.9	17.2	17.3	17.7	17.8	17.9	18.1	18.1	18.2	18.4
≥ 20000	15.5	18.6	19.5	20.0	20.4	20.6	20.9	21.4	21.5	22.0	22.1	22.1	22.4	22.6	22.6	23.1
≥ 18000	15.6	18.9	19.6	20.2	20.5	20.7	21.0	21.5	21.6	22.1	22.2	22.2	22.5	22.7	22.9	23.2
≥ 16000	15.9	19.1	19.9	20.4	20.8	21.0	21.3	21.8	21.9	22.4	22.5	22.6	22.9	23.0	23.2	23.6
≥ 14000	16.6	20.1	20.9	21.4	21.8	22.0	22.3	22.8	22.9	23.4	23.5	23.6	23.9	24.0	24.2	24.6
≥ 12000	17.9	21.6	22.4	23.0	23.4	23.6	24.0	24.4	24.5	25.0	25.2	25.2	25.5	25.7	25.9	26.3
≥ 10000	20.0	24.2	25.1	25.7	26.2	26.4	26.8	27.2	27.3	27.8	28.0	28.0	28.4	28.5	28.7	29.1
≥ 9000	21.2	25.7	26.6	27.3	27.8	28.0	28.4	28.9	29.0	29.5	29.6	29.7	30.0	30.1	30.4	30.7
≥ 8000	23.8	29.4	30.5	31.4	32.0	32.2	32.7	33.3	33.4	33.9	34.0	34.1	34.4	34.6	34.8	35.2
≥ 7000	26.4	33.5	35.0	35.9	36.5	36.8	37.3	37.8	37.9	38.5	38.7	38.7	39.1	39.2	39.5	39.9
≥ 6000	28.0	36.7	38.2	39.3	39.9	40.2	40.8	41.4	41.5	42.1	42.3	42.4	42.7	42.9	43.1	43.5
≥ 5000	31.7	41.6	43.5	44.7	45.4	45.8	46.5	47.1	47.3	47.9	48.1	48.2	48.5	48.7	49.0	49.3
≥ 4500	33.4	44.0	46.1	47.4	48.4	48.7	49.6	50.3	50.4	51.1	51.3	51.4	51.7	51.9	52.2	52.5
≥ 4000	35.8	47.8	50.1	51.8	52.9	53.3	54.4	55.2	55.4	56.2	56.4	56.4	56.8	57.0	57.2	57.6
≥ 3500	48.0	51.3	54.2	55.9	57.3	57.8	58.9	59.9	60.1	60.9	61.1	61.2	61.5	61.7	62.0	62.4
≥ 3000	50.4	55.3	58.7	60.7	62.3	62.8	64.2	65.2	65.4	66.4	66.6	66.7	67.1	67.3	67.6	68.2
≥ 2500	42.5	59.5	63.6	65.7	67.7	68.3	69.8	71.0	71.3	72.4	72.6	72.7	73.1	73.3	73.6	74.0
≥ 2000	44.5	63.3	67.8	70.3	72.5	73.3	74.9	76.3	76.6	77.7	78.0	78.1	78.5	78.7	79.0	79.4
≥ 1800	44.9	63.9	68.4	71.0	73.3	74.0	75.7	77.1	77.4	78.5	78.9	79.0	79.4	79.5	79.8	80.2
≥ 1500	45.6	65.2	69.9	72.6	75.1	75.9	77.7	79.1	79.4	80.6	81.0	81.1	81.5	81.7	82.0	82.4
≥ 1200	45.9	66.6	71.4	74.5	77.1	78.1	80.0	81.4	81.8	83.1	83.4	83.5	83.9	84.1	84.4	84.8
≥ 1000	46.1	67.2	72.3	75.4	79.2	79.2	81.2	82.8	83.2	84.5	84.9	85.0	85.5	85.5	86.0	86.4
≥ 900	46.2	67.4	72.5	75.7	78.6	79.7	81.6	83.4	83.9	85.2	85.6	85.7	86.2	86.3	86.6	87.0
≥ 800	46.2	67.6	72.8	76.2	79.2	80.3	82.4	84.1	84.5	85.9	86.4	86.6	87.0	87.2	87.5	87.9
≥ 700	46.2	67.8	73.1	76.5	79.6	80.7	82.8	84.7	85.1	86.6	87.1	87.2	87.7	87.8	88.2	88.6
≥ 600	46.3	68.0	73.3	76.8	80.1	81.3	83.5	85.4	85.9	87.4	87.9	88.1	88.6	88.7	89.1	89.5
≥ 500	46.3	68.1	73.5	77.2	80.6	81.9	84.4	86.4	86.9	88.6	89.2	89.4	89.9	90.2	90.6	90.9
≥ 400	46.3	68.2	73.7	77.5	81.1	82.5	85.2	87.5	88.1	90.0	90.8	91.0	91.6	91.8	92.2	92.7
≥ 300	46.3	68.2	73.7	77.6	81.2	82.7	85.6	88.4	89.0	91.2	92.2	92.5	93.2	93.5	94.0	94.6
≥ 200	46.3	68.2	73.7	77.6	81.3	82.8	85.7	88.6	89.3	91.6	92.8	93.2	94.1	94.6	95.4	96.2
≥ 100	46.3	68.2	73.7	77.6	81.3	82.8	85.7	88.6	89.3	91.7	93.0	93.3	94.5	95.0	96.0	97.4
0	46.3	68.2	73.7	77.6	81.3	82.8	85.7	88.6	89.3	91.7	93.0	93.5	94.5	95.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 8471

USAFETAC FORM AC 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-69 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.1	20.4	20.8	21.4	22.3	22.6	23.2	23.5	23.5	24.0	24.1	24.2	24.2	24.5	24.7	25.1
≥ 20000	16.5	23.5	24.3	25.1	25.9	26.2	26.9	27.2	27.2	27.6	27.7	27.8	27.8	28.1	28.4	28.7
≥ 18000	16.5	23.5	24.3	25.1	25.9	26.2	26.9	27.2	27.2	27.6	27.7	27.8	27.8	28.1	28.4	28.7
≥ 16000	16.5	23.5	24.3	25.1	25.9	26.2	26.9	27.2	27.2	27.6	27.7	27.8	27.8	28.1	28.4	28.7
≥ 14000	16.5	23.5	24.3	25.1	25.9	26.2	26.9	27.2	27.2	27.6	27.7	27.8	27.8	28.1	28.4	28.7
≥ 12000	16.9	24.1	25.2	25.9	26.8	27.2	27.8	28.2	28.2	28.6	28.7	28.8	28.8	29.0	29.4	29.7
≥ 10000	20.1	25.6	26.7	27.5	28.4	28.8	29.5	29.8	29.8	30.2	30.4	30.5	30.5	30.8	31.1	31.4
≥ 9000	21.3	27.6	29.0	29.9	30.8	31.5	32.2	32.5	32.5	32.9	33.1	33.2	33.2	33.4	33.7	34.1
≥ 8000	23.9	31.0	32.4	33.2	34.1	34.8	35.5	35.8	35.8	36.2	36.5	36.7	36.8	37.1	37.4	37.7
≥ 7000	26.2	34.4	36.3	37.2	38.1	38.8	39.5	39.8	39.8	40.2	40.5	40.7	40.9	41.2	41.5	41.8
≥ 6000	27.3	36.2	38.4	39.2	40.1	40.9	41.5	41.9	41.9	42.4	42.7	42.9	43.0	43.3	43.7	44.0
≥ 5000	29.2	40.3	42.4	43.3	45.3	46.1	46.8	47.4	47.4	47.8	48.2	48.4	48.5	48.8	49.2	49.5
≥ 4500	30.5	42.4	45.8	46.8	47.7	48.6	49.2	49.9	49.9	50.3	50.6	50.9	51.0	51.3	51.6	51.9
≥ 4000	32.9	46.0	49.8	51.1	52.2	53.0	53.7	54.4	54.4	54.8	55.2	55.4	55.5	55.8	56.1	56.5
≥ 3500	35.6	51.1	55.4	56.6	58.2	59.1	59.8	60.5	60.5	61.1	61.4	61.6	61.8	62.2	62.5	62.9
≥ 3000	37.5	54.5	59.0	60.8	62.2	63.2	64.0	64.9	64.9	65.4	65.7	65.9	66.1	66.5	66.8	67.1
≥ 2500	39.9	58.3	63.4	65.2	66.8	67.8	68.6	69.6	69.6	70.0	70.3	70.5	70.8	71.1	71.4	71.7
≥ 2000	40.8	61.5	67.5	69.7	71.8	72.9	73.8	74.9	74.9	75.4	75.7	75.9	76.1	76.5	76.8	77.1
≥ 1800	40.9	62.3	68.3	70.5	72.8	73.9	74.7	75.9	75.9	76.3	76.7	76.9	77.1	77.4	77.7	78.1
≥ 1500	41.4	63.8	70.0	72.4	74.8	75.9	76.9	78.3	78.3	78.7	79.0	79.2	79.5	79.8	80.1	80.4
≥ 1200	41.8	64.7	71.3	73.2	76.7	77.8	78.9	80.4	80.5	81.0	81.3	81.5	81.7	82.0	82.4	82.7
≥ 1000	41.9	65.2	71.6	74.7	77.6	78.9	80.0	81.6	82.0	82.5	82.8	83.0	83.2	83.5	83.9	84.2
≥ 900	41.9	65.3	71.9	75.2	78.1	79.4	80.4	82.0	82.5	83.0	83.3	83.5	83.8	84.1	84.4	84.7
≥ 800	42.0	65.8	72.7	76.2	79.2	80.5	81.7	83.4	84.0	84.5	84.8	85.1	85.3	85.6	85.9	86.2
≥ 700	42.0	65.9	72.8	76.6	79.6	80.9	82.0	83.8	84.3	84.9	85.3	85.5	85.7	86.0	86.3	86.7
≥ 600	42.0	66.0	73.3	77.1	80.4	81.7	83.0	84.8	85.5	86.2	86.7	86.9	87.2	87.6	88.0	88.3
≥ 500	42.0	66.1	73.7	77.6	81.0	82.3	83.7	85.7	86.3	87.1	87.5	87.7	88.1	88.5	88.8	89.1
≥ 400	42.0	66.1	73.8	77.7	81.1	82.4	83.9	86.0	86.8	88.0	88.4	89.1	89.5	89.9	90.2	90.5
≥ 300	42.0	66.1	73.8	77.7	81.1	82.5	84.0	86.2	87.0	88.2	89.2	89.6	90.2	90.6	91.1	91.5
≥ 200	42.0	66.1	73.9	77.8	81.3	82.7	84.5	87.0	88.0	89.1	90.4	90.9	91.9	92.4	93.0	93.5
≥ 100	42.0	66.1	74.1	78.1	81.5	82.9	84.7	87.2	88.2	89.4	90.6	91.2	92.3	92.9	94.0	94.7
≥ 0	42.0	66.1	74.1	74.1	81.5	82.9	84.7	87.2	88.3	89.5	90.8	91.3	92.4	93.0	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 40

USAFETAC FORM 0-4-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-69 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.3	19.[illegible]	[illegible].4	20.0	20.3	20.5	20.8	21.0	21.1	21.1	21.4	21.4	21.5	21.5	21.[illegible]	27.0
≥ 20000	17.4	22.5	23.3	24.1	24.5	24.7	25.1	25.3	25.4	25.4	25.7	25.7	25.8	25.8	26.1	26.3
≥ 18000	17.4	22.5	23.3	24.1	24.5	24.7	25.1	25.3	25.4	25.4	25.7	25.7	25.8	25.8	26.1	26.3
≥ 16000	17.4	22.5	23.3	24.1	24.5	24.7	25.1	25.3	25.4	25.4	25.7	25.7	25.8	25.8	26.1	26.3
≥ 14000	17.8	23.0	23.9	24.6	25.1	25.3	25.8	25.9	25.9	25.9	26.2	26.2	26.3	26.3	26.7	26.9
≥ 12000	18.3	23.[illegible]	24.7	25.[illegible]	26.1	26.3	26.[illegible]	26.[illegible]	27.0	27.0	27.3	27.3	27.4	27.4	27.7	28.0
≥ 10000	19.4	25.0	26.5	27.3	28.0	28.2	28.5	28.8	29.[illegible]	29.9	29.2	29.2	29.4	29.4	29.7	29.9
≥ 9000	19.[illegible]	26.[illegible]	27.8	28.[illegible]	[illegible].4	29.8	30.1	30.5	30.6	30.6	31.0	31.0	31.1	31.1	31.4	31.6
≥ 8000	[illegible].[illegible]	[illegible].7	30.[illegible]	[illegible].6	32.3	32.7	33.2	33.8	33.9	34.0	34.3	34.3	34.4	34.4	34.7	34.9
≥ 7000	[illegible].8	33.9	34.9	35.9	36.5	36.9	37.4	38.0	38.1	38.2	38.5	38.5	38.6	38.6	38.9	39.1
≥ [illegible]	[illegible].[illegible]	36.2	37.5	38.4	39.0	39.5	40.0	40.5	40.6	40.8	41.1	41.1	41.2	41.2	41.5	41.7
[illegible]	28.0	40.9	43.0	44.1	44.8	45.3	45.8	46.3	46.7	46.8	47.2	47.2	47.3	47.3	47.6	47.8
≥ 4500	[illegible].2	43.1	45.5	46.7	47.6	48.1	48.7	49.5	49.7	49.8	50.2	50.2	50.3	50.3	50.6	50.9
≥ 4000	[illegible].2	45.8	[illegible].8	50.2	51.4	51.8	52.6	53.4	53.7	53.9	54.2	54.2	54.3	54.3	54.[illegible]	54.[illegible]
≥ [illegible]	35.4	51.5	54.7	56.2	57.4	57.8	58.7	59.8	60.0	60.1	60.5	60.5	60.6	60.6	61.0	61.2
≥ 3000	[illegible].4	56.5	60.0	61.6	62.9	63.3	64.2	65.3	65.5	65.6	66.0	66.[illegible]	66.1	66.1	66.5	66.7
≥ 2500	39.6	59.7	64.9	65.5	66.9	67.3	68.2	69.2	69.5	69.8	70.2	70.2	70.3	70.3	70.6	70.9
≥ 2000	41.8	64.5	69.7	71.7	73.2	73.8	74.6	75.7	75.9	76.[illegible]	76.7	76.7	76.8	76.8	77.1	77.3
≥ 1800	41.8	64.9	70.2	72.3	73.8	74.3	75.2	76.[illegible]	76.6	76.9	77.3	77.3	77.4	77.4	77.[illegible]	75.[illegible]
≥ 1500	42.4	66.2	71.8	73.9	75.4	76.2	77.1	78.2	78.5	78.8	79.[illegible]	79.2	79.4	79.4	79.7	79.9
≥ 1200	42.8	68.0	74.0	76.1	78.1	78.9	79.8	81.2	81.6	81.9	82.4	82.4	82.5	82.5	82.8	83.
≥ 1000	42.9	68.[illegible]	74.2	76.[illegible]	78.6	79.5	80.3	81.7	82.4	82.7	83.2	83.2	83.3	83.3	83.7	83.[illegible]
≥ 900	42.9	68.5	74.5	77.1	79.1	80.2	81.1	82.6	83.2	83.5	84.1	84.1	84.2	84.2	84.5	84.7
≥ 800	42.9	68.8	74.8	77.4	79.6	80.6	81.6	83.2	83.9	84.2	84.7	84.7	84.8	84.8	85.[illegible]	85.4
≥ 700	43.0	69.0	75.1	78.0	80.2	81.3	82.3	83.9	84.5	84.9	85.5	85.5	85.6	85.6	85.9	86.1
≥ 600	43.0	69.1	75.2	78.2	80.5	81.7	82.9	84.6	85.3	85.7	86.2	86.2	86.3	86.3	86.7	86.9
≥ 500	43.0	69.4	75.5	78.8	81.2	82.4	83.9	85.7	86.3	86.8	87.3	87.3	87.5	87.5	87.8	88.1
≥ 400	43.0	69.4	[illegible].6	79.0	81.5	82.8	84.3	86.1	86.9	87.5	88.1	88.2	88.4	88.4	88.7	88.9
≥ 300	43.0	69.4	75.6	79.0	81.5	82.8	84.4	86.3	87.2	88.1	89.0	89.4	89.7	89.7	90.[illegible]	90.[illegible]
≥ 200	43.0	69.4	75.6	79.0	81.5	82.8	84.6	86.6	87.6	88.8	90.3	90.6	91.2	91.5	91.[illegible]	92.0
≥ 100	43.0	69.4	75.7	79.1	81.7	83.0	84.8	86.8	87.8	89.0	90.6	91.0	91.6	92.0	92.9	97.0
≥ 0	43.0	69.4	75.7	79.1	81.7	83.0	84.8	86.8	87.8	89.0	90.6	91.0	91.6	92.0	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 42,61-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≤ 0	≤ ½	≤ 1	≥ 1	≥ 2	≥ 2½	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20
NO CEILING	13.2	18.1	18.7	17.3	17.4	17.7	18.0	18.4	18.5	18.6	18.7	18.8	19.1	19.1	19.3	19.4
≥ 20000	17.0	20.5	21.1	21.7	22.0	22.3	22.6	23.0	23.2	23.3	23.4	23.5	23.8	23.8	24.1	24.3
≥ 18000	17.0	20.5	21.2	21.8	22.1	22.4	22.7	23.1	23.3	23.4	23.5	23.6	23.9	23.9	24.2	24.4
≥ 16000	17.2	20.8	21.5	22.1	22.4	22.7	23.0	23.4	23.6	23.7	23.8	23.9	24.2	24.2	24.5	24.7
≥ 14000	18.0	22.0	22.8	23.4	23.8	24.1	24.4	24.8	25.0	25.1	25.2	25.3	25.6	25.6	25.9	26.1
≥ 12000	18.3	22.3	23.3	24.1	24.5	24.9	25.1	25.5	25.8	25.9	26.0	26.1	26.4	26.4	26.7	27.0
≥ 10000	20.1	24.4	25.4	26.2	26.6	27.0	27.3	27.7	28.0	28.1	28.2	28.3	28.6	28.6	29.0	29.3
≥ 9000	20.9	25.5	26.6	27.4	28.2	28.7	29.0	29.4	29.6	29.7	29.8	29.9	30.2	30.2	30.6	30.9
≥ 8000	22.1	27.5	28.8	29.6	30.4	30.9	31.2	31.7	32.0	32.1	32.2	32.4	32.7	32.7	33.1	33.4
≥ 7000	23.7	30.1	31.4	32.3	33.1	33.6	34.0	34.4	34.7	34.8	34.9	35.1	35.4	35.4	35.8	36.2
≥ 6000	25.8	33.4	34.6	35.6	36.4	36.9	37.2	37.8	38.1	38.2	38.3	38.5	38.7	38.7	39.1	39.5
≥ 5000	29.1	37.5	39.0	40.5	41.5	42.0	42.4	42.9	43.3	43.4	43.5	43.7	44.1	44.1	44.5	44.9
≥ 4500	30.0	39.6	41.6	44.2	44.3	45.0	45.5	46.2	46.7	46.8	46.9	47.1	47.5	47.5	47.8	48.2
≥ 4000	31.9	42.9	45.5	47.3	48.7	49.3	49.9	50.7	51.2	51.3	51.4	51.6	52.0	52.0	52.3	52.7
≥ 3500	34.2	47.7	51.2	53.2	54.8	55.4	56.1	56.9	57.4	57.5	57.6	57.8	58.2	58.2	58.6	59.0
≥ 3000	36.8	52.8	56.4	58.7	60.4	61.1	61.8	62.9	63.4	63.7	63.8	64.1	64.5	64.5	64.9	65.3
≥ 2500	39.1	57.4	61.2	63.7	65.7	66.4	67.2	68.5	69.0	69.3	69.4	69.7	70.1	70.1	70.5	70.8
≥ 2000	41.6	62.9	67.3	70.4	72.4	73.3	74.1	75.5	76.0	76.3	76.4	76.7	77.1	77.1	77.5	77.9
≥ 1800	41.6	63.2	67.7	70.7	72.8	73.7	74.5	75.9	76.5	76.8	76.9	77.2	77.6	77.6	78.0	78.4
≥ 1500	42.1	64.6	69.5	72.3	74.5	75.3	76.1	77.9	78.6	78.9	79.0	79.3	79.6	79.6	80.0	80.4
≥ 1200	42.5	66.3	71.3	74.3	76.6	77.5	78.3	80.1	80.9	81.2	81.3	81.6	82.0	82.0	82.4	82.8
≥ 1000	42.8	66.8	71.9	75.1	77.4	78.3	79.2	81.0	81.8	82.1	82.2	82.5	82.9	82.9	83.3	83.7
≥ 900	42.8	67.1	72.4	75.7	78.0	78.9	79.7	81.7	82.5	82.8	82.9	83.2	83.6	83.6	84.0	84.3
≥ 800	42.8	67.8	73.1	76.5	79.0	79.8	80.7	82.9	83.7	84.0	84.1	84.3	84.8	84.8	85.2	85.6
≥ 700	42.9	68.0	73.4	76.9	79.4	80.2	81.4	83.7	84.4	84.7	84.8	85.1	85.6	85.6	86.0	86.4
≥ 600	42.9	68.1	73.5	77.2	79.7	80.9	82.1	84.9	85.8	86.1	86.2	86.7	87.2	87.2	87.6	88.0
≥ 500	42.9	68.2	73.7	77.6	80.1	81.5	82.7	85.7	86.7	87.2	87.4	87.8	88.3	88.3	88.6	89.1
≥ 400	42.9	68.4	74.0	77.9	80.8	82.5	83.8	87.0	88.1	88.6	88.9	89.4	89.9	89.9	90.3	90.8
≥ 300	42.9	68.4	74.0	78.0	81.0	82.8	84.1	87.6	88.8	89.3	89.7	90.2	90.7	90.8	91.2	91.7
≥ 200	42.9	68.4	74.1	78.1	81.1	82.9	84.1	87.8	89.2	89.8	90.5	91.2	92.0	92.6	93.1	93.6
≥ 100	42.9	68.4	74.1	78.1	81.1	82.9	84.1	88.1	89.5	90.2	90.9	91.9	92.7	93.5	94.4	97.9
≥ 0	42.9	68.4	74.1	78.1	81.1	82.9	84.1	88.1	89.5	90.2	90.9	91.9	92.7	93.5	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

USAFETAC FORM 0-14-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40.61-70 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	11.0	11.9	12.6	13.1	13.2	13.3	13.3	13.4	13.4	13.6	13.7	13.8	13.8	13.9	13.9	14.1
≥ 20000	17.3	18.7	19.5	20.3	20.6	20.8	21.1	21.6	21.9	22.2	22.4	22.5	22.6	22.8	22.8	23.4
≥ 8000	17.4	18.8	19.6	20.4	20.7	20.9	21.2	21.7	22.0	22.3	22.5	22.6	22.7	22.9	22.9	23.5
≥ 16000	17.8	19.3	20.2	20.9	21.4	21.6	22.0	22.5	22.9	23.2	23.4	23.5	23.6	23.8	23.8	24.4
≥ 14000	19.0	21.0	21.9	22.7	23.0	23.8	24.2	24.7	25.0	25.3	25.5	25.6	25.8	26.0	26.0	26.6
≥ 12000	21.0	22.7	23.7	24.5	25.0	25.8	26.3	27.1	27.4	27.8	28.0	28.1	28.3	28.5	28.5	29.1
≥ 10000	22.2	23.9	24.9	25.7	26.9	27.2	27.7	28.4	28.8	29.2	29.4	29.5	29.6	29.8	29.8	30.4
≥ 9000	23.3	25.0	26.0	26.9	28.2	28.5	29.0	29.6	30.0	30.4	30.6	30.7	30.9	31.1	31.1	31.7
≥ 8000	25.8	28.2	29.5	30.4	31.7	32.0	32.6	33.3	33.7	34.1	34.3	34.4	34.6	34.8	34.8	35.4
≥ 7000	27.6	30.6	32.0	33.4	34.6	35.0	35.6	36.3	36.7	37.1	37.4	37.5	37.7	37.9	37.9	38.5
≥ 6000	29.7	33.3	34.6	36.0	37.4	37.9	38.5	39.1	39.5	39.9	40.2	40.3	40.5	40.7	40.7	41.3
≥ 5000	32.2	36.3	38.0	39.4	40.9	41.4	42.2	42.9	43.2	43.5	43.9	44.1	44.2	44.4	44.4	45.0
≥ 4500	33.8	39.0	40.9	42.4	44.0	44.5	45.3	46.0	46.5	46.9	47.2	47.3	47.6	47.7	47.7	48.3
≥ 4000	37.4	43.0	45.9	47.7	49.6	50.1	51.2	52.0	52.4	52.9	53.1	53.2	53.5	53.7	53.7	54.3
≥ 3500	40.0	47.4	50.2	52.1	54.3	55.0	56.4	57.5	58.2	58.6	58.9	59.0	59.3	59.5	59.5	60.1
≥ 3000	42.3	50.8	53.8	55.8	58.2	58.9	60.6	61.8	62.5	63.0	63.3	63.6	64.0	64.2	64.2	64.8
≥ 2500	43.5	53.6	56.8	59.0	61.6	62.5	64.4	65.9	66.5	67.0	67.5	67.6	68.0	68.2	68.2	68.8
≥ 2000	46.0	58.9	63.2	65.7	68.7	69.6	71.8	73.6	74.4	74.9	75.3	75.3	76.0	76.2	76.2	76.1
≥ 1800	46.6	59.9	64.4	66.8	70.0	70.9	73.2	75.0	75.7	76.2	76.7	76.9	77.4	77.6	77.6	78.2
≥ 1500	47.8	61.8	66.5	69.0	72.4	73.4	75.6	77.6	78.4	78.9	79.4	79.5	80.0	80.2	80.2	80.9
≥ 1200	48.8	63.5	68.3	71.1	74.8	75.8	78.1	80.0	80.9	81.4	81.9	82.1	82.6	82.8	82.8	83.5
≥ 1000	49.2	64.5	69.4	72.2	76.2	77.5	79.6	81.9	82.9	83.4	83.9	84.1	84.5	84.7	84.7	85.4
≥ 900	49.2	64.6	69.5	72.4	76.5	78.0	80.3	82.4	83.4	83.9	84.3	84.5	85.0	85.2	85.2	85.9
≥ 800	49.2	64.7	69.6	72.5	76.7	78.2	80.5	82.6	83.6	84.1	84.5	84.7	85.2	85.4	85.4	86.1
≥ 700	49.3	65.1	70.0	73.1	77.4	79.0	81.6	83.7	84.7	85.2	85.7	85.9	86.4	86.6	86.6	87.3
≥ 600	49.3	65.3	70.2	73.3	78.0	79.7	82.5	84.5	85.6	86.1	86.6	86.8	87.4	87.6	87.6	88.3
≥ 500	49.3	65.4	70.4	73.6	78.5	80.4	83.4	85.6	87.0	87.7	88.5	88.6	89.3	89.5	89.5	90.2
- 400	49.4	65.6	70.5	73.8	78.7	80.7	83.7	86.2	87.9	88.8	89.7	90.0	91.0	91.2	91.2	91.9
≥ 300	49.4	65.6	70.5	73.8	78.7	80.7	84.0	86.6	88.4	89.4	90.8	91.1	92.2	92.7	92.7	93.6
≥ 200	49.4	65.6	70.5	73.8	78.7	80.7	84.1	86.9	88.6	89.8	91.4	91.9	93.2	94.0	94.2	95.7
≥ 100	49.4	65.6	70.5	73.8	78.7	80.7	84.1	86.9	88.6	89.8	91.4	91.9	93.2	94.1	94.9	99.1
≥ 0	49.4	65.6	70.5	73.8	78.7	80.7	84.1	86.9	88.6	89.8	91.4	91.9	93.2	94.1	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40x61-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	10.1	11.2	11.2	11.5	11.9	11.9	12.1	12.3	12.3	12.6	12.6	12.6	12.6	12.6	12.6	12.7
≥ 20000	17.2	18.8	18.9	19.6	20.0	20.0	20.5	20.8	20.9	21.3	21.3	21.3	21.3	21.3	21.4	21.5
≥ 18000	17.2	18.8	18.9	19.6	20.0	20.0	20.5	20.8	20.9	21.3	21.3	21.3	21.3	21.3	21.4	21.5
≥ 16000	17.3	18.9	19.0	19.7	20.3	20.3	20.8	21.1	21.2	21.6	21.6	21.6	21.6	21.6	21.7	21.8
≥ 14000	18.7	20.3	20.4	21.5	22.1	22.1	22.6	23.1	23.2	23.6	23.6	23.6	23.6	23.6	23.7	23.8
≥ 12000	21.2	22.9	23.0	24.1	24.9	25.0	25.6	26.4	26.5	26.9	26.9	26.9	26.9	26.9	27.0	27.1
≥ 10000	23.0	24.6	24.7	25.9	26.7	26.9	27.5	28.3	28.3	28.7	28.7	28.7	28.7	28.7	28.8	28.9
≥ 9000	23.5	25.1	25.2	26.4	27.3	27.5	28.1	28.8	28.9	29.3	29.4	29.4	29.4	29.4	29.5	29.5
≥ 8000	25.4	27.5	27.7	29.1	30.2	30.4	31.1	31.9	32.0	32.4	32.5	32.5	32.5	32.5	32.6	32.6
≥ 7000	28.3	31.0	31.4	32.6	33.8	34.1	34.8	35.7	35.8	36.2	36.3	36.3	36.3	36.3	36.4	36.5
≥ 6000	30.4	33.6	34.7	36.4	37.6	38.0	38.7	39.6	39.7	40.1	40.2	40.2	40.2	40.2	40.3	40.4
≥ 5000	33.0	36.8	38.2	39.9	41.3	41.7	42.5	43.5	43.6	44.2	44.3	44.3	44.3	44.3	44.4	44.5
≥ 4500	35.1	39.3	40.8	42.5	44.0	44.4	45.2	46.1	46.4	46.8	46.9	46.9	46.9	46.9	47.0	47.1
≥ 4000	37.4	43.1	44.8	46.5	48.2	48.6	49.5	50.4	50.7	51.1	51.3	51.3	51.3	51.3	51.4	51.5
≥ 3500	40.2	47.2	49.3	51.2	53.2	53.7	54.8	56.0	56.5	56.9	57.1	57.1	57.1	57.1	57.2	57.3
≥ 3000	42.7	51.4	53.8	56.0	58.4	58.8	60.1	61.5	62.0	62.5	62.7	62.7	62.7	62.7	62.8	62.9
≥ 2500	45.9	56.6	59.6	62.2	64.6	65.1	66.5	68.0	68.5	69.1	69.3	69.3	69.3	69.3	69.4	69.5
≥ 2000	49.6	61.6	65.1	67.7	70.5	71.0	72.4	74.1	74.7	75.5	75.7	75.7	75.7	75.7	75.8	75.9
≥ 1900	49.9	62.2	65.8	68.4	71.3	71.7	73.4	75.1	75.7	76.4	76.6	76.6	76.6	76.6	76.7	76.8
≥ 1500	51.2	64.0	67.8	70.8	73.8	74.4	76.1	77.8	78.5	79.3	79.6	79.6	79.6	79.6	79.7	79.8
≥ 1200	53.6	67.2	71.2	74.4	77.7	78.3	80.3	81.9	82.6	83.4	83.7	83.7	83.7	83.7	83.8	83.9
≥ 1000	54.0	67.7	71.9	75.3	78.8	79.6	81.7	83.4	84.2	84.9	85.2	85.2	85.2	85.2	85.3	85.4
≥ 900	54.3	68.3	72.5	75.9	79.6	80.4	82.6	84.4	85.1	85.9	86.2	86.2	86.2	86.2	86.3	86.4
≥ 800	54.3	69.0	73.4	76.7	80.9	81.7	84.1	86.1	87.1	87.9	88.2	88.2	88.2	88.2	88.3	88.4
≥ 700	54.5	69.3	73.6	77.5	81.7	82.6	85.0	87.4	88.5	89.5	89.8	89.8	89.8	89.8	89.9	90.0
≥ 600	54.5	69.6	74.1	77.8	82.1	83.2	85.8	88.7	89.7	90.8	91.1	91.1	91.2	91.2	91.3	91.4
≥ 500	54.8	70.2	74.7	78.5	82.8	83.9	86.8	89.9	91.3	92.7	93.4	93.4	93.5	93.5	93.5	93.6
≥ 400	54.8	70.3	74.8	78.6	82.9	84.0	87.1	90.3	92.0	93.5	94.3	94.3	94.7	94.7	94.8	94.9
≥ 300	54.8	70.3	74.8	78.6	82.9	84.4	87.6	90.9	92.8	94.2	95.8	96.2	96.6	97.1	97.3	97.6
≥ 200	54.8	70.3	74.8	78.6	82.9	84.4	87.6	91.0	92.9	94.3	95.9	96.5	97.0	97.5	97.8	98.4
≥ 100	54.8	70.3	74.8	78.6	82.9	84.4	87.6	91.0	92.9	94.3	95.9	96.5	97.1	97.6	98.0	99.3
≥ 0	54.8	70.3	74.8	78.6	82.9	84.4	87.6	91.0	92.9	94.3	95.9	96.5	97.1	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1223

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2421 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40,61-70 YEARS — JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1300-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	13.9	15.2	15.9	16.4	17.1	17.3	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
≥ 20000	19.6	21.2	22.2	23.3	24.1	24.4	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3
≥ 18000	19.6	21.2	22.2	23.3	24.1	24.4	24.8	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3
≥ 16000	19.9	21.6	22.6	23.7	24.7	25.0	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
≥ 14000	20.6	22.5	23.7	24.8	25.9	26.2	26.6	27.3	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1
≥ 12000	22.3	24.1	25.7	27.1	28.3	28.5	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4
≥ 10000	23.9	25.9	27.5	28.8	30.0	30.4	30.8	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5
≥ 9000	24.8	26.9	28.4	29.9	31.1	31.6	32.0	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 8000	27.7	30.2	32.0	33.4	34.7	35.3	35.7	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.4
≥ 7000	29.4	32.3	34.2	35.9	37.1	37.7	38.1	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.8
≥ 6000	31.5	35.2	37.2	38.9	40.3	40.9	41.3	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9
≥ 5000	33.0	38.4	41.2	43.2	44.8	45.4	45.7	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4
≥ 4500	35.8	40.9	43.7	45.8	47.4	48.0	48.4	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3
≥ 4000	39.7	45.7	48.7	50.8	52.7	53.3	53.7	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.5
≥ 3500	42.1	49.5	52.4	54.7	56.9	57.6	58.2	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.2
≥ 3000	45.7	54.5	57.7	60.3	62.8	63.4	64.0	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.2
≥ 2500	49.4	59.7	63.5	66.5	69.0	69.8	70.4	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6
≥ 2000	52.7	64.6	69.0	72.0	74.7	75.8	76.5	77.4	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.9
≥ 1800	52.8	65.2	69.6	72.6	75.3	76.3	77.2	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6
≥ 1500	53.9	67.5	72.1	75.2	78.0	79.1	80.1	30.9	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.4
≥ 1200	55.1	69.9	74.6	77.6	80.7	82.0	83.2	84.2	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.7
≥ 1000	55.4	70.7	75.8	79.2	82.6	83.9	85.0	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.9
≥ 900	55.5	71.0	76.1	79.5	83.1	84.4	85.7	86.9	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.7
≥ 800	55.6	71.7	76.9	80.4	84.1	85.4	86.9	88.3	88.7	88.8	88.9	88.9	88.9	88.9	89.0	89.1
≥ 700	55.8	72.0	77.2	80.8	84.7	86.0	87.7	89.1	89.7	90.1	90.3	90.3	90.3	90.3	90.4	90.6
≥ 600	55.8	72.4	77.7	81.6	85.6	87.1	89.1	90.6	91.5	91.9	92.3	92.3	92.3	92.3	92.4	92.6
≥ 500	55.8	72.4	77.7	81.7	85.9	87.4	89.7	91.6	92.5	93.0	93.4	93.5	93.5	93.5	93.6	94.7
≥ 400	55.8	72.5	77.8	81.8	86.3	87.9	90.5	92.7	93.7	94.4	95.2	95.5	95.7	95.8	96.0	97.4
≥ 300	55.8	72.5	77.8	81.8	86.3	88.1	90.9	93.5	94.7	95.8	96.7	97.1	97.4	97.6	97.8	97.2
≥ 200	55.8	72.5	77.8	81.8	86.3	88.1	90.9	93.5	94.7	95.8	97.0	97.5	97.8	97.9	98.2	98.8
≥ 100	55.8	72.5	77.8	81.8	86.3	88.1	90.9	93.5	94.7	95.8	97.0	97.5	97.8	97.9	98.3	99.3
0	55.8	72.5	77.8	81.8	86.3	88.1	90.9	93.5	94.7	95.8	97.0	97.5	97.8	97.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40-61-70 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	15.0	17.9	18.7	19.2	19.4	19.6	19.7	20.2	20.2	20.4	20.7	20.8	20.9	21.0	21.0	21.4
≥ 20000	17.8	21.4	22.7	23.8	24.1	24.3	24.6	25.2	25.2	25.4	25.7	25.8	25.9	26.0	26.0	26.4
≥ 18000	17.8	21.4	22.7	23.8	24.1	24.3	24.6	25.2	25.2	25.4	25.7	25.8	25.9	26.0	26.0	26.4
≥ 16000	17.9	22.5	22.8	23.9	24.2	24.4	24.7	25.3	25.3	25.5	25.8	25.9	26.0	26.1	26.1	26.5
≥ 14000	18.3	22.5	23.9	24.9	25.3	25.5	25.8	26.4	26.4	26.6	26.9	27.0	27.1	27.2	27.2	27.6
≥ 12000	19.1	23.3	24.6	25.8	26.3	26.5	26.8	27.4	27.4	27.8	28.1	28.2	28.3	28.3	28.3	28.7
≥ 10000	20.0	25.1	26.5	27.7	28.3	28.4	28.8	29.4	29.4	29.8	30.1	30.2	30.3	30.4	30.4	30.9
≥ 9000	21.1	26.7	28.1	29.2	29.8	30.0	30.4	31.0	31.0	31.4	31.7	31.8	31.9	32.0	32.0	32.5
≥ 8000	24.5	30.5	32.1	33.2	33.9	34.1	34.5	35.1	35.1	35.6	36.0	36.1	36.2	36.3	36.3	36.8
≥ 7000	25.9	32.7	34.7	36.2	36.9	37.0	37.4	38.0	38.0	38.5	38.9	39.0	39.1	39.2	39.2	39.7
≥ 6000	27.7	35.5	37.4	38.9	39.6	39.9	40.3	40.9	40.9	41.3	41.7	41.8	41.9	42.0	42.0	42.5
≥ 5000	30.8	40.2	42.6	44.3	45.1	45.5	45.8	46.4	46.4	47.0	47.4	47.6	47.7	47.8	47.8	48.3
≥ 4500	32.6	42.7	45.5	47.2	48.3	48.7	49.1	49.7	49.7	50.2	50.6	50.8	50.9	51.0	51.0	51.5
≥ 4000	34.7	46.0	48.8	51.2	52.4	52.9	53.3	53.9	53.9	54.4	54.8	55.0	55.1	55.2	55.2	55.7
≥ 3500	37.0	51.1	54.1	56.6	57.8	58.4	58.7	59.3	59.3	59.9	60.3	60.5	60.6	60.7	60.7	61.3
≥ 3000	40.3	56.3	59.5	62.2	63.6	64.2	64.6	65.2	65.2	65.8	66.2	66.4	66.5	66.6	66.6	67.2
≥ 2500	42.8	61.5	65.1	67.7	69.2	69.8	70.2	70.9	70.9	71.5	71.8	72.0	72.1	72.2	72.2	72.9
≥ 2000	45.8	66.7	71.0	74.2	76.0	76.6	77.3	78.0	78.0	78.6	79.0	79.2	79.3	79.4	79.4	80.0
≥ 1800	46.0	67.1	71.5	74.7	76.4	77.1	77.8	78.5	78.5	79.2	79.7	79.9	80.0	80.1	80.1	80.8
≥ 1500	46.6	68.7	73.2	76.6	78.5	79.3	80.1	80.9	80.9	81.6	82.1	82.3	82.4	82.5	82.5	83.1
≥ 1200	47.1	70.5	75.0	78.8	80.9	81.7	82.5	83.4	83.4	84.1	84.7	84.8	84.9	85.0	85.0	85.6
≥ 1000	47.2	71.0	75.5	79.5	82.2	83.0	83.8	84.9	85.0	85.8	86.6	86.8	86.9	87.0	87.0	87.6
≥ 900	47.3	71.1	75.7	79.7	82.4	83.2	84.0	85.1	85.3	86.1	86.9	87.1	87.2	87.3	87.3	87.9
≥ 800	47.5	71.4	76.0	80.2	83.0	83.8	84.9	86.3	86.5	87.4	88.2	88.5	88.7	88.8	88.8	89.3
≥ 700	47.5	71.5	76.1	80.4	83.2	84.0	85.1	86.6	86.8	87.9	88.7	89.0	89.1	89.2	89.2	89.8
≥ 600	47.5	71.5	76.1	80.4	83.7	84.5	85.7	87.3	87.5	88.6	89.3	89.6	89.8	89.9	89.9	90.5
≥ 500	47.5	71.6	76.2	80.6	83.9	85.1	86.5	88.6	88.9	90.0	90.8	91.1	91.3	91.4	91.4	92.1
≥ 400	47.5	71.6	76.2	80.6	84.2	85.9	87.6	89.7	90.2	91.5	92.6	92.9	93.2	93.3	93.3	93.9
≥ 300	47.5	71.7	76.4	80.8	84.4	86.4	88.1	90.3	90.9	92.3	93.4	94.1	94.3	94.4	94.4	95.1
≥ 200	47.5	71.7	76.4	80.8	84.4	86.4	88.1	90.4	91.4	92.8	94.4	95.2	95.6	95.7	96.1	96.9
≥ 100	47.5	71.7	76.4	80.8	84.4	86.4	88.1	90.4	91.4	92.8	94.5	95.3	95.7	96.1	96.6	98.9
≥ 0	47.5	71.7	76.4	80.8	84.4	86.4	88.1	90.4	91.4	92.8	94.5	95.3	95.7	96.1	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

242nd STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	14.2	18.0	18.7	19.0	20.0	20.0	20.5	20.7	20.8	21.3	21.8	22.0	22.2	22.2	22.8	23.2
≥ 20000	17.5	22.0	23.3	24.0	25.5	25.5	26.0	26.2	26.3	26.8	27.3	27.5	27.7	27.7	28.4	28.8
≥ 18000	17.5	22.0	23.3	24.0	25.5	25.5	26.0	26.2	26.3	26.8	27.3	27.5	27.7	27.7	28.4	28.8
≥ 16000	17.5	22.0	23.3	24.0	25.5	25.5	26.0	26.2	26.3	26.8	27.3	27.5	27.7	27.7	28.4	28.8
≥ 14000	17.7	22.8	24.1	24.8	26.3	26.3	26.8	27.0	27.1	27.6	28.2	28.4	28.6	28.6	29.2	29.6
≥ 12000	18.4	23.7	25.0	25.9	27.4	27.4	28.0	28.2	28.3	28.8	29.3	29.5	29.7	29.7	30.3	30.7
≥ 10000	19.4	25.0	26.3	27.3	29.2	29.2	29.7	29.9	30.0	30.5	31.0	31.2	31.4	31.4	32.0	32.4
≥ 9000	20.5	27.0	28.6	29.6	31.4	31.5	32.0	32.2	32.3	32.8	33.4	33.6	33.8	33.8	34.4	34.8
≥ 8000	22.5	30.5	32.2	33.3	35.1	35.2	35.7	35.9	36.0	36.5	37.1	37.3	37.6	37.6	38.2	38.6
≥ 7000	24.7	33.8	35.5	36.6	38.4	38.5	39.3	39.5	39.6	40.1	40.7	40.9	41.2	41.2	41.8	42.2
≥ 6000	26.1	36.0	38.0	39.4	41.5	41.6	42.3	42.5	42.6	43.1	43.7	43.9	44.2	44.2	44.8	45.2
≥ 5000	28.3	40.0	42.4	43.8	46.0	46.1	46.8	47.1	47.2	47.7	48.3	48.5	48.8	48.8	49.4	49.8
≥ 4500	29.9	42.4	45.4	46.8	49.3	49.4	50.3	50.6	50.7	51.2	51.8	52.0	52.3	52.3	52.9	53.3
≥ 4000	32.2	46.6	49.9	51.9	54.4	54.8	55.8	56.1	56.2	56.7	57.3	57.5	57.8	57.8	58.4	58.8
≥ 3500	33.9	49.7	53.4	55.3	57.8	58.3	59.4	59.7	59.8	60.3	60.9	61.2	61.5	61.5	62.1	62.5
≥ 3000	36.9	54.8	58.7	61.2	63.7	64.2	65.3	65.6	65.7	66.2	66.8	67.0	67.3	67.3	67.9	68.3
≥ 2500	39.0	59.2	63.3	65.8	68.4	68.9	70.0	70.4	70.5	71.0	71.6	71.8	72.1	72.1	72.8	73.2
≥ 2000	41.3	64.1	69.0	72.0	74.8	75.3	76.4	76.8	76.9	77.4	78.0	78.2	78.5	78.5	79.1	79.5
≥ 1800	41.8	64.8	69.8	72.9	75.6	76.1	77.2	77.6	77.7	78.2	78.8	79.0	79.3	79.3	79.9	80.3
≥ 1500	42.1	65.9	71.1	74.3	77.0	77.5	78.7	79.1	79.3	79.8	80.4	80.6	80.9	80.9	81.5	81.9
≥ 1200	43.0	68.0	73.4	76.7	79.5	80.0	81.2	81.6	81.8	82.4	83.0	83.2	83.6	83.6	84.2	84.6
≥ 1000	43.0	68.5	74.2	77.7	80.9	81.6	83.0	84.0	84.5	85.4	86.0	86.2	86.5	86.5	87.1	87.5
≥ 900	43.0	68.6	74.3	77.8	81.0	81.7	83.1	84.1	84.6	85.5	86.1	86.3	86.6	86.6	87.2	87.6
≥ 800	43.1	68.9	74.8	78.7	82.1	82.9	84.4	85.4	85.9	86.8	87.5	87.7	88.0	88.0	88.6	89.0
≥ 700	43.2	69.1	75.0	79.0	82.4	83.2	84.9	86.0	86.5	87.4	88.2	88.4	88.7	88.7	89.3	89.7
≥ 600	43.2	69.4	75.3	79.3	82.7	83.6	85.2	86.4	86.9	87.8	88.6	88.8	89.1	89.1	89.7	90.1
≥ 500	43.2	69.6	75.5	79.5	83.2	84.5	86.4	87.8	88.3	89.2	90.0	90.2	90.5	90.5	91.1	91.5
≥ 400	43.2	69.6	75.5	79.5	83.4	84.6	86.5	88.2	88.7	90.2	91.2	91.5	91.8	91.8	92.4	92.8
≥ 300	43.2	69.6	75.5	79.5	83.4	84.7	86.8	88.6	89.2	91.1	92.2	92.7	93.0	93.0	93.9	94.3
≥ 200	43.2	69.6	75.5	79.5	83.6	84.9	87.0	88.8	89.7	91.6	93.0	93.5	94.1	94.1	95.1	95.9
≥ 100	43.2	69.6	75.5	79.5	83.6	84.9	87.0	88.8	89.7	91.6	93.0	93.5	94.5	94.7	95.8	99.2
0	43.2	69.6	75.5	79.5	83.6	84.9	87.0	88.8	89.7	91.6	93.0	93.5	94.5	94.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 991

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOU EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 40,61-69 | 11 | 0
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	17.1	24.1	27.0	28.5	29.8	30.2	31.3	32.0	32.3	32.9	33.2	33.3	33.5	33.6	33.9	33.9
≥ 20000	19.0	27.2	30.2	31.8	33.2	33.9	35.2	35.9	36.2	36.7	37.2	37.3	37.5	37.6	38.0	38.0
≥ 18000	19.0	27.2	30.2	31.8	33.2	33.9	35.2	35.9	36.2	36.7	37.2	37.3	37.5	37.6	38.0	38.0
≥ 16000	19.0	27.2	30.2	31.8	33.2	33.9	35.2	35.9	36.2	36.7	37.2	37.3	37.5	37.6	38.0	38.0
≥ 14000	19.3	27.8	30.7	32.4	33.8	34.5	35.8	36.5	36.7	37.3	37.8	37.9	38.0	38.2	38.8	38.8
≥ 12000	19.9	28.6	31.6	33.3	34.7	35.5	36.7	37.5	37.7	38.3	38.9	39.1	39.2	39.3	39.9	39.9
≥ 10000	20.7	30.4	33.3	35.3	37.1	37.8	39.5	40.2	40.4	41.0	41.6	41.8	41.9	42.0	42.6	42.6
≥ 9000	21.3	31.9	34.9	37.0	38.8	39.5	41.1	41.8	42.2	42.8	43.3	43.4	43.7	43.8	44.4	44.4
≥ 8000	23.2	35.3	38.6	40.8	42.8	43.5	45.1	45.8	46.2	46.8	47.3	47.6	47.7	47.8	48.4	48.4
≥ 7000	26.0	39.5	43.2	45.3	47.3	48.1	49.7	50.4	50.8	51.4	51.9	52.2	52.3	52.4	53.0	53.0
≥ 6000	27.8	42.0	45.8	47.9	49.9	50.6	52.3	53.0	53.4	53.9	54.5	54.8	54.9	55.0	55.6	55.6
≥ 5000	29.8	45.6	49.6	51.8	53.8	54.5	56.4	57.1	57.6	58.2	58.8	59.1	59.1	59.2	59.8	59.8
≥ 4500	31.0	47.1	51.1	53.4	55.4	56.1	58.0	58.7	59.2	59.8	60.4	60.7	60.8	60.9	61.5	61.5
≥ 4000	33.7	50.9	55.1	57.6	59.6	60.3	62.2	63.0	63.6	64.3	64.9	65.1	65.3	65.4	66.1	66.0
≥ 3500	38.3	57.7	62.0	64.4	66.4	67.1	69.1	70.1	70.7	71.4	72.0	72.2	72.3	72.4	73.0	73.0
≥ 3000	42.5	63.1	67.5	70.0	72.0	72.7	74.7	75.6	76.2	76.9	77.5	77.7	77.9	78.0	78.6	78.6
≥ 2500	45.8	68.1	72.6	75.3	77.5	78.2	80.2	81.2	81.7	82.6	83.2	83.4	83.5	83.6	84.2	84.2
≥ 2000	46.2	73.3	78.1	81.3	83.5	84.2	86.6	87.5	88.1	88.9	89.6	89.9	90.0	90.1	90.7	90.7
≥ 1800	48.9	74.3	79.4	82.7	85.0	85.7	88.1	89.0	89.6	90.5	91.2	91.5	91.6	91.8	92.3	92.3
≥ 1500	49.8	76.3	81.5	84.8	87.3	88.0	90.5	91.4	92.0	92.8	93.6	94.1	94.2	94.3	94.9	94.9
≥ 1200	49.9	76.9	82.2	85.7	88.6	89.3	91.9	92.8	93.4	94.2	95.1	95.4	95.6	95.8	96.3	96.3
≥ 1000	50.1	77.4	82.7	86.3	89.2	89.9	92.6	93.5	94.1	94.9	95.8	96.1	96.3	96.5	97.1	97.1
≥ 900	50.1	77.5	82.8	86.5	89.3	90.0	92.8	93.8	94.3	95.2	96.0	96.3	96.6	96.7	97.3	97.3
≥ 800	50.1	77.6	82.9	86.6	89.4	90.1	92.9	93.9	94.5	95.3	96.1	96.5	96.7	96.8	97.4	97.4
≥ 700	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.5	96.5	96.8	97.1	97.2	97.8	97.8
≥ 600	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.5	96.5	96.8	97.1	97.2	97.8	97.8
≥ 500	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.5	96.6	96.9	97.2	97.3	97.9	97.9
≥ 400	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.6	96.8	97.2	97.4	97.5	98.1	98.1
≥ 300	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.6	97.1	97.5	97.8	97.9	98.5	98.5
≥ 200	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.1	94.7	95.6	97.4	97.9	98.1	98.2	98.8	98.8
≥ 100	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.2	94.8	95.8	97.5	98.0	98.2	98.4	99.1	99.1
≥ 0	50.1	77.6	83.0	86.7	89.5	90.3	93.2	94.2	94.8	95.8	97.5	98.0	98.2	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 242

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40x61-62 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L ST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.5	20.8	22.4	24.5	25.9	26.5	27.3	27.6	27.6	28.0	28.4	28.4	28.5	28.7	28.9	29.3
≥ 20000	15.4	24.0	25.7	28.0	29.4	30.2	31.2	31.4	31.4	32.0	32.4	32.4	32.5	32.7	32.9	33.3
≥ 18000	15.4	24.0	25.7	28.0	29.4	30.2	31.2	31.4	31.4	32.0	32.4	32.4	32.5	32.7	32.9	33.3
≥ 16000	15.4	24.0	25.7	28.0	29.4	30.2	31.2	31.4	31.4	32.0	32.4	32.4	32.5	32.7	32.9	33.3
≥ 14000	15.5	24.3	25.9	28.5	30.0	30.7	31.8	32.0	32.0	32.6	33.1	33.1	33.2	33.5	33.6	34.0
≥ 12000	15.8	24.6	26.3	28.9	30.4	31.1	32.2	32.4	32.4	33.0	33.5	33.5	33.6	33.8	33.9	34.4
≥ 10000	16.1	26.7	28.4	31.3	33.0	33.9	35.0	35.3	35.3	36.0	36.5	36.5	36.6	36.9	37.0	37.5
≥ 9000	17.3	28.4	30.0	33.5	35.1	36.0	37.1	37.5	37.5	38.2	38.6	38.6	38.8	39.0	39.1	39.6
≥ 8000	18.7	30.3	32.3	35.7	37.3	38.3	39.3	39.7	39.7	40.4	40.9	40.9	41.0	41.2	41.3	41.8
≥ 7000	21.2	34.7	36.7	40.2	42.0	43.0	44.1	44.4	44.4	45.1	45.6	45.6	45.7	45.9	46.1	46.5
≥ 6000	23.6	38.8	41.0	44.4	46.3	47.2	48.3	48.6	48.6	49.4	49.8	49.8	49.9	50.2	50.3	50.8
≥ 5000	26.0	42.2	44.4	47.8	49.8	50.8	52.1	52.4	52.4	53.1	53.6	53.6	53.7	53.9	54.1	54.5
≥ 4500	27.0	44.3	46.5	49.9	51.9	53.0	54.3	54.7	54.7	55.4	55.8	55.8	55.9	56.2	56.3	56.8
≥ 4000	31.0	51.1	53.5	56.9	58.9	60.1	61.4	61.8	61.8	62.5	63.0	63.0	63.3	63.5	63.7	64.2
≥ 3500	34.2	55.1	57.6	61.0	63.0	64.2	65.5	66.0	66.0	66.7	67.1	67.1	67.4	67.6	67.8	68.3
≥ 3000	38.8	61.8	64.4	68.0	70.0	71.3	72.7	73.1	73.1	73.9	74.3	74.3	74.6	74.8	75.0	75.5
≥ 2500	42.2	67.6	70.6	74.2	76.2	77.5	78.9	79.4	79.4	80.1	80.6	80.6	80.8	81.0	81.3	81.7
≥ 2000	45.2	73.6	77.1	81.2	83.7	85.0	86.5	86.9	86.9	87.6	88.1	88.1	88.3	88.6	88.8	89.3
≥ 1800	45.3	74.3	77.9	81.9	84.5	85.7	87.2	87.6	87.6	88.6	89.2	89.2	89.4	89.6	89.9	90.3
≥ 1500	46.4	75.6	79.4	83.4	86.2	87.5	88.9	89.4	89.4	90.3	91.0	91.0	91.3	91.5	91.8	92.2
≥ 1200	46.4	76.2	80.1	84.3	87.6	88.9	90.3	90.8	90.8	91.8	92.5	92.5	92.7	92.9	93.2	93.6
≥ 1000	46.4	76.3	80.6	84.8	88.2	89.5	90.9	91.4	91.4	92.5	93.2	93.2	93.4	93.6	93.9	94.3
≥ 900	46.4	76.6	80.8	85.0	88.3	89.8	91.2	91.6	91.8	92.8	93.5	93.5	93.8	94.0	94.2	94.7
≥ 800	46.4	76.6	80.8	85.2	88.6	89.9	91.3	91.8	91.9	92.9	93.6	93.6	93.8	94.1	94.3	94.8
≥ 700	46.4	76.7	81.0	85.4	88.8	90.1	91.5	92.2	92.3	93.4	94.1	94.1	94.3	94.6	94.9	95.4
≥ 600	46.4	76.7	81.0	85.4	88.8	90.1	91.5	92.2	92.3	93.4	94.2	94.2	94.5	94.7	95.1	95.5
≥ 500	46.4	76.7	81.0	85.5	88.9	90.2	91.6	92.3	92.6	93.6	94.6	94.6	94.8	95.1	95.4	95.9
≥ 400	46.4	76.7	81.0	85.6	89.0	90.3	91.8	92.6	92.9	94.0	94.9	94.9	95.2	95.4	95.9	96.3
≥ 300	46.4	76.7	81.2	85.7	89.2	90.5	91.9	92.7	93.1	94.2	95.2	95.3	95.6	95.9	96.3	97.1
≥ 200	46.4	76.7	81.2	85.7	89.2	90.5	91.9	92.7	93.2	94.3	95.5	95.6	96.0	96.2	96.7	97.5
≥ 100	46.4	76.7	81.2	85.7	89.2	90.5	91.9	92.7	93.2	94.3	95.5	95.6	96.0	96.2	96.9	97.8
≥ 0	46.4	76.7	81.2	85.7	89.2	90.5	91.9	92.7	93.2	94.3	95.5	95.6	96.0	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 542

USAFETAC FORM JUL 84 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	15.5	19.8	21.1	22.5	23.6	24.2	25.1	25.5	25.7	26.4	26.6	26.6	26.9	27.0	27.1	27.3
≥ 20000	18.4	23.0	24.5	26.2	27.5	28.3	29.5	30.0	30.3	31.1	31.3	31.4	31.8	31.9	32.0	32.4
≥ 18000	18.4	23.3	24.8	26.4	27.8	28.5	29.7	30.2	30.5	31.3	31.5	31.6	32.0	32.2	32.3	32.6
≥ 16000	18.5	23.4	24.9	26.5	27.9	28.6	29.8	30.3	30.7	31.4	31.6	31.7	32.2	32.3	32.4	32.7
≥ 14000	19.0	23.8	25.4	27.0	28.5	29.3	30.4	31.0	31.3	32.0	32.3	32.4	32.8	32.9	33.0	33.3
≥ 12000	19.2	24.3	25.9	27.8	29.4	30.1	31.3	31.8	32.3	33.0	33.2	33.3	33.8	34.0	34.3	34.7
≥ 10000	21.0	27.2	28.9	31.0	33.1	33.9	35.2	35.7	36.1	36.9	37.1	37.2	37.6	37.8	38.2	38.7
≥ 9000	22.0	28.7	30.4	32.5	34.6	35.4	36.7	37.2	37.6	38.4	38.6	38.7	39.1	39.3	39.7	40.2
≥ 8000	24.8	31.9	33.9	35.9	38.0	38.8	40.1	40.7	41.2	41.9	42.1	42.2	42.7	42.9	43.2	43.7
≥ 7000	26.7	34.9	37.2	39.3	42.0	42.8	44.1	44.8	45.2	46.1	46.3	46.4	46.8	47.1	47.4	47.9
≥ 6000	28.5	37.6	40.3	42.4	45.1	46.0	47.4	48.1	48.6	49.4	49.6	49.7	50.2	50.4	50.7	51.2
≥ 5000	29.8	40.4	43.3	45.4	48.2	49.1	50.5	51.2	51.7	52.8	53.2	53.3	53.7	53.9	54.2	54.8
≥ 4500	31.8	42.8	45.8	47.9	50.8	51.7	53.1	53.8	54.2	55.4	55.7	55.8	56.4	56.6	56.9	57.4
≥ 4000	33.0	44.5	47.5	49.7	52.7	53.6	55.0	55.8	56.3	57.7	58.1	58.2	58.7	59.0	59.3	59.8
≥ 3500	37.3	50.7	53.8	56.2	59.2	60.1	61.6	62.5	62.9	64.3	64.7	64.8	65.4	65.6	65.9	66.5
≥ 3000	42.4	58.2	61.8	64.4	67.4	68.4	70.1	71.0	71.4	72.9	73.3	73.5	74.1	74.3	74.6	75.1
≥ 2500	45.2	62.7	66.8	69.3	72.3	73.3	75.2	76.1	76.5	78.0	78.5	78.7	79.2	79.4	79.7	80.3
≥ 2000	47.9	66.6	71.4	74.2	77.4	78.3	80.4	81.2	81.7	83.2	83.6	83.8	84.4	84.6	84.9	85.4
≥ 1600	48.7	68.0	72.7	75.6	79.0	80.0	82.0	83.0	83.4	84.9	85.3	85.5	86.1	86.3	86.6	87.1
≥ 1500	49.4	69.5	74.5	77.5	81.0	82.0	84.4	85.4	85.9	87.4	87.8	88.0	88.5	88.7	89.1	89.7
≥ 1200	49.9	70.3	75.5	78.7	82.3	83.3	85.6	86.7	87.1	88.6	89.1	89.3	89.8	90.0	90.4	90.9
≥ 1000	50.1	70.5	75.8	79.0	82.7	83.7	86.2	87.2	87.7	89.2	89.6	89.8	90.4	90.6	90.9	91.4
≥ 900	50.1	70.6	75.9	79.3	83.5	84.5	86.9	88.0	88.4	89.9	90.4	90.6	91.1	91.3	91.6	92.2
≥ 800	50.2	70.7	76.1	79.5	83.8	84.9	87.2	88.3	88.7	90.2	90.7	90.9	91.4	91.6	92.0	92.5
≥ 700	50.2	70.8	76.3	79.8	84.1	85.1	87.7	88.7	89.2	90.7	91.1	91.3	91.9	92.1	92.4	92.9
≥ 600	50.2	71.0	76.6	80.2	84.5	85.5	88.2	89.4	89.8	91.4	91.9	92.1	92.6	92.9	93.2	93.8
≥ 500	50.2	71.0	76.6	80.3	84.6	85.6	88.3	89.5	89.9	91.5	92.0	92.2	92.7	93.0	93.4	94.0
≥ 400	50.2	71.0	76.6	80.3	84.6	85.6	88.4	89.6	90.0	91.6	92.1	92.4	93.0	93.4	93.7	94.3
≥ 300	50.2	71.0	76.6	80.3	84.6	85.6	88.5	89.7	90.1	91.7	92.2	92.6	93.2	93.6	94.0	94.6
≥ 200	50.2	71.0	76.6	80.3	84.6	85.6	88.5	89.7	90.1	91.7	92.3	92.8	93.4	93.8	94.2	94.8
≥ 100	50.2	71.0	76.6	80.3	84.6	85.6	88.5	89.7	90.1	91.7	92.6	93.0	93.6	94.0	94.4	95.0
0	50.2	71.0	76.6	80.3	84.6	85.6	88.5	89.7	90.1	91.7	92.6	93.0	94.4	95.1	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 233

USAFETAC FORM JUL 64 0-14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40-61-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	17.9	21.4	21.7	22.9	23.6	23.8	24.7	25.3	25.6	25.2	25.3	25.4	25.4	25.5	25.6	25.6
≥ 20000	22.8	25.5	27.2	28.7	29.4	29.6	30.8	31.5	31.9	32.3	32.4	32.6	32.7	32.8	32.9	33.1
≥ 18000	23.0	25.7	27.4	28.9	29.6	29.8	31.0	31.7	32.2	32.4	32.6	32.8	32.9	33.0	33.1	33.3
≥ 16000	23.2	25.8	27.5	29.0	29.7	29.9	31.1	31.8	32.3	32.5	32.7	32.9	33.0	33.1	33.2	33.4
≥ 14000	24.9	27.7	29.4	31.3	32.0	32.3	33.5	34.3	34.7	34.9	35.2	35.4	35.5	35.6	35.7	35.9
≥ 12000	26.4	29.6	31.3	33.2	34.1	34.3	35.6	36.4	36.9	37.1	37.3	37.5	37.6	37.7	37.8	38.0
≥ 10000	28.7	32.2	34.2	36.2	37.1	37.3	38.6	39.5	40.0	40.3	40.6	40.8	40.9	41.1	41.2	41.4
≥ 9000	30.5	34.0	36.0	38.0	38.9	39.1	40.5	41.5	41.9	42.2	42.6	42.8	42.9	43.0	43.1	43.3
≥ 8000	33.0	36.8	39.1	41.3	42.1	42.3	43.7	44.7	45.1	45.6	45.9	46.1	46.2	46.3	46.4	46.6
≥ 7000	35.7	40.5	43.5	45.7	46.6	47.2	48.8	49.7	50.2	50.6	50.9	51.1	51.2	51.3	51.4	51.8
≥ 6000	37.5	42.4	45.4	47.6	48.8	49.1	50.7	51.7	52.1	52.5	52.8	53.1	53.2	53.3	53.4	53.7
≥ 5000	39.9	45.3	48.6	50.7	51.9	52.2	53.8	54.8	55.2	55.6	55.9	56.2	56.3	56.4	56.5	56.9
≥ 4500	41.1	47.4	50.6	52.9	54.2	54.6	56.2	57.2	57.7	58.1	58.4	58.6	58.7	58.8	58.9	59.3
≥ 4000	43.6	51.2	54.7	57.4	58.7	59.2	60.9	62.0	62.4	62.8	63.1	63.3	63.6	63.7	63.8	64.1
≥ 3500	45.4	53.8	57.8	60.8	62.3	62.7	64.4	65.5	65.9	66.5	66.8	67.0	67.2	67.3	67.4	67.7
≥ 3000	50.9	60.3	64.5	67.8	69.7	70.1	71.8	73.1	73.5	74.1	74.4	74.6	74.8	74.9	75.0	75.3
≥ 2500	53.4	63.7	68.2	71.6	73.5	74.0	75.7	77.2	77.6	78.1	78.5	78.7	78.9	79.0	79.1	79.4
≥ 2000	56.1	69.1	73.2	77.0	79.0	79.4	81.1	82.6	83.1	83.7	84.0	84.2	84.5	84.6	84.7	85.0
≥ 1800	56.7	68.7	73.8	77.6	79.6	80.1	81.8	83.3	83.7	84.4	84.7	84.9	85.1	85.2	85.3	85.6
≥ 1500	58.1	70.3	75.6	79.3	81.5	82.0	83.8	85.4	85.9	86.5	86.8	87.0	87.2	87.4	87.5	87.8
≥ 1200	58.7	71.7	77.2	81.1	83.8	84.5	86.3	88.0	88.4	89.1	89.4	89.6	89.9	90.0	90.1	90.5
≥ 1000	59.1	72.2	77.9	81.9	84.7	85.4	87.2	89.0	89.4	90.0	90.5	90.7	91.0	91.1	91.2	91.5
≥ 900	59.1	72.3	78.0	82.1	85.0	85.9	87.7	89.4	89.8	90.5	91.0	91.2	91.5	91.6	91.7	92.1
≥ 800	59.2	72.9	78.7	82.9	85.9	86.7	88.5	90.5	90.9	91.5	92.1	92.3	92.6	92.7	92.8	93.1
≥ 700	59.4	73.4	79.3	83.6	86.6	87.6	89.4	91.3	91.7	92.4	92.9	93.1	93.5	93.6	93.7	94.0
≥ 600	59.4	73.4	79.3	83.6	86.6	87.6	89.4	91.3	91.7	92.4	92.9	93.1	93.5	93.6	93.7	94.0
≥ 500	59.4	73.4	79.3	83.6	86.7	87.8	89.7	91.9	92.3	92.9	93.5	93.7	94.0	94.1	94.2	94.5
≥ 400	59.4	73.4	79.4	83.7	86.8	88.0	89.9	92.3	92.9	93.6	94.1	94.3	94.6	94.9	95.2	95.3
≥ 300	59.4	73.4	79.4	83.7	86.8	88.0	90.0	92.4	93.1	94.3	95.0	95.3	95.7	96.0	96.4	97.0
≥ 200	59.4	73.5	79.5	83.8	86.9	88.1	90.1	92.5	93.2	94.4	95.1	95.4	95.8	96.2	96.9	98.0
≥ 100	59.4	73.5	79.5	83.8	86.9	88.1	90.2	92.6	93.4	94.5	95.2	95.5	95.9	96.4	97.3	99.4
≥ 0	59.4	73.5	79.5	83.8	86.9	88.1	90.2	92.6	93.4	94.5	95.2	95.5	95.9	96.4	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 213

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.0	23.3	23.8	24.4	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.4	24.8	24.8	24.8	24.8
≥ 20000	27.2	31.0	31.7	32.5	32.9	33.0	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 18000	27.3	31.1	31.8	32.6	33.0	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	27.4	31.2	31.9	32.7	33.1	33.2	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 14000	29.0	32.8	33.8	34.9	35.4	35.5	35.7	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 12000	30.2	34.1	35.4	36.5	37.0	37.1	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 10000	31.8	35.7	37.0	38.2	38.7	38.9	39.2	39.4	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7
≥ 9000	32.7	36.9	38.2	39.3	39.9	40.1	40.4	40.6	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8
≥ 8000	34.8	39.2	40.5	41.7	42.2	42.4	42.9	43.1	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3
≥ 7000	38.0	43.1	44.6	45.8	46.3	46.5	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	40.2	45.4	47.1	48.2	49.0	49.2	49.6	49.8	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
≥ 5000	42.3	47.8	49.6	50.9	51.7	51.9	52.3	52.5	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
≥ 4500	43.4	49.0	51.4	52.8	53.6	53.9	54.3	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
≥ 4000	46.5	53.5	55.4	57.0	57.8	58.1	58.5	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1
≥ 3500	49.2	56.8	59.1	60.7	61.4	61.8	62.3	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9
≥ 3000	54.3	63.6	66.1	67.8	68.8	69.2	69.9	70.3	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
≥ 2500	58.2	68.1	70.7	72.7	74.1	74.6	75.2	75.7	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 2000	62.9	74.1	77.2	79.5	81.0	82.1	82.9	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1800	64.8	76.2	79.4	81.8	83.8	84.4	85.1	85.5	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 1500	67.2	79.0	82.5	85.0	87.0	87.6	88.3	88.7	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	68.6	80.8	84.5	87.4	89.7	90.2	91.1	91.6	92.1	92.1	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1000	69.1	81.7	85.5	88.5	91.0	91.6	92.5	93.1	93.7	93.8	93.9	93.9	94.0	94.0	94.0	94.0
≥ 900	69.2	81.9	85.7	88.7	91.3	92.0	92.8	93.5	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3
≥ 800	69.3	82.3	86.3	89.3	92.2	92.8	93.7	94.3	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2
≥ 700	69.7	83.0	87.0	90.0	93.0	93.7	94.7	95.5	96.0	96.2	96.4	96.4	96.5	96.5	96.5	96.5
≥ 600	69.7	83.2	87.2	90.2	93.2	94.0	95.2	95.9	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9
≥ 500	69.7	83.3	87.6	90.6	93.7	94.6	95.7	96.7	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7
≥ 400	69.7	83.3	87.6	90.6	93.7	94.4	95.9	96.9	97.4	97.6	98.1	98.1	98.2	98.4	98.4	98.4
≥ 300	69.7	83.3	87.7	90.7	93.8	94.5	96.0	97.0	97.6	98.3	99.0	99.4	99.6	99.8	99.8	99.8
≥ 200	69.7	83.3	87.7	90.7	93.8	94.5	96.0	97.0	97.6	98.3	99.0	99.4	99.6	99.8	99.8	99.8
≥ 100	69.7	83.3	87.7	90.7	93.8	94.5	96.0	97.0	97.6	98.3	99.0	99.4	99.6	99.8	99.8	99.9
≥ 0	69.7	83.3	87.7	90.7	93.8	94.5	96.0	97.0	97.6	98.4	99.1	99.5	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 233

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	26.2	28.0	28.8	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 20000	33.4	36.0	36.9	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 18000	33.4	36.0	36.9	37.3	37.3	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 16000	33.7	36.2	37.1	37.5	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 14000	35.4	38.0	39.0	39.7	39.7	39.7	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 12000	37.0	39.7	40.6	41.3	41.3	41.3	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 10000	38.7	41.8	42.8	43.7	43.7	43.7	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 9000	39.3	42.6	43.6	44.6	44.6	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 8000	42.2	45.6	46.6	47.7	47.7	47.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 7000	46.2	49.7	50.9	52.0	52.1	52.1	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 6000	48.2	52.0	53.6	54.7	54.8	54.8	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 5000	50.9	55.1	56.9	58.0	58.2	58.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 4500	52.3	56.7	58.5	59.7	59.9	59.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4000	55.1	60.6	62.6	63.9	64.2	64.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	58.7	65.2	67.6	68.9	69.2	69.2	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 3000	72.9	69.8	72.7	74.1	74.4	74.4	75.7	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 2500	65.4	74.4	77.6	79.0	79.4	79.4	80.7	80.9	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5
≥ 2000	69.5	80.7	84.7	86.2	87.1	87.5	88.9	89.2	89.4	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 1800	70.4	81.8	85.9	87.4	88.4	88.7	90.1	90.5	90.7	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 1500	72.1	84.0	88.2	89.7	91.1	91.4	92.8	93.2	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 1200	72.9	85.3	89.8	91.4	93.0	93.4	94.9	95.3	95.5	95.9	96.0	96.1	96.1	96.1	96.1	96.1
≥ 1000	72.9	85.5	90.1	91.9	93.9	94.4	96.0	96.6	96.9	97.3	97.4	97.4	97.5	97.5	97.5	97.5
≥ 900	73.0	85.6	90.4	92.1	94.1	94.6	96.4	96.9	97.2	97.6	97.7	97.7	97.9	97.9	97.9	97.9
≥ 800	73.0	85.6	90.4	92.1	94.1	94.6	96.5	97.0	97.3	97.7	97.9	97.9	98.0	98.0	98.0	98.0
≥ 700	73.0	85.6	90.4	92.1	94.2	94.7	96.6	97.1	97.4	97.9	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	73.0	85.6	90.4	92.1	94.2	94.9	96.9	97.4	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4
≥ 500	73.0	85.6	90.4	92.1	94.2	94.9	96.9	97.5	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	73.0	85.6	90.4	92.1	94.2	95.0	97.1	97.7	98.2	98.7	98.9	98.9	99.1	99.1	99.1	99.1
≥ 300	73.0	85.6	90.4	92.1	94.2	95.0	97.1	97.7	98.2	98.7	99.0	99.1	99.9	99.9	99.9	99.9
≥ 200	73.0	85.6	90.4	92.1	94.2	95.0	97.1	97.7	98.2	98.7	99.6	99.7	99.9	99.9	99.9	99.9
≥ 100	73.0	85.6	90.4	92.1	94.2	95.0	97.1	97.7	98.2	98.7	99.6	99.7	99.9	99.9	99.9	99.9
≥ 0	73.0	85.6	90.4	92.1	94.2	95.0	97.1	97.7	98.2	98.7	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 733

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
40,61-70 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	>5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	31.6	34.2	35.3	36.1	36.3	36.7	36.9	37.2	37.3	37.6	37.8	37.9	37.9	37.9	37.9	37.9
≥ 20000	35.6	38.5	39.8	40.8	41.1	41.4	41.7	42.0	42.1	42.6	42.8	42.9	43.0	43.0	43.0	43.0
≥ 18000	35.6	38.5	39.8	40.8	41.1	41.4	41.7	42.0	42.1	42.6	42.8	42.9	43.0	43.0	43.0	43.0
≥ 16000	35.8	38.7	40.0	41.1	41.3	41.6	41.9	42.2	42.3	42.8	43.0	43.1	43.2	43.2	43.2	43.2
≥ 14000	37.0	40.0	41.3	42.7	42.9	43.2	43.5	43.8	43.9	44.4	44.6	44.8	44.8	44.8	44.8	44.8
≥ 12000	38.8	41.8	43.1	44.5	44.8	45.1	45.8	46.1	46.2	46.6	46.8	46.9	47.1	47.1	47.1	47.1
≥ 10000	40.7	43.8	45.3	46.7	47.2	47.5	48.1	49.4	48.6	49.0	49.2	49.3	49.4	49.4	49.4	49.4
≥ 9000	41.8	45.4	46.9	48.7	49.1	49.4	50.1	50.4	50.5	50.9	51.1	51.1	51.3	51.3	51.3	51.3
≥ 8000	43.0	48.3	49.9	51.9	52.3	52.6	53.5	53.8	53.9	54.3	54.6	54.6	54.8	54.8	54.8	54.8
≥ 7000	46.4	52.6	54.2	56.2	56.6	57.0	57.9	58.2	58.3	58.8	59.1	59.1	59.3	59.3	59.3	59.3
≥ 6000	50.5	55.5	57.3	59.3	59.8	60.2	61.1	61.4	61.5	62.1	62.3	62.3	62.5	62.5	62.5	62.5
≥ 5000	53.9	59.4	61.5	63.6	64.1	64.5	65.4	65.7	65.8	66.3	66.6	66.5	66.8	66.8	66.8	66.8
≥ 4500	54.3	60.0	62.2	64.2	64.7	65.2	66.0	66.3	66.5	67.0	67.2	67.2	67.4	67.4	67.4	67.4
≥ 4000	56.5	63.8	66.1	68.2	68.9	69.3	70.2	70.5	70.6	71.3	71.5	71.5	71.7	71.7	71.7	71.7
≥ 3500	59.3	67.6	70.3	72.7	73.5	74.0	74.8	75.2	75.3	76.0	76.2	76.2	76.4	76.4	76.4	76.4
≥ 3000	62.7	71.6	74.5	77.3	78.1	78.7	79.5	80.2	80.5	81.1	81.4	81.4	81.6	81.6	81.6	81.6
≥ 2500	65.0	75.1	78.6	81.6	82.4	82.7	83.6	84.5	84.8	85.4	85.6	85.7	86.0	86.0	86.0	86.0
≥ 2000	67.7	80.2	84.2	87.6	88.6	89.4	90.5	91.4	91.7	92.4	92.6	92.7	92.9	92.9	92.9	92.9
≥ 1800	68.2	81.4	85.4	88.7	89.9	90.7	91.7	92.7	93.0	93.7	93.9	94.0	94.2	94.2	94.2	94.2
≥ 1500	68.4	81.9	86.2	89.5	91.0	91.7	92.9	93.9	94.2	94.9	95.1	95.2	95.4	95.4	95.4	95.4
≥ 1200	68.6	82.9	87.2	90.6	92.1	92.9	94.2	95.2	95.5	96.1	96.4	96.5	96.7	96.7	96.7	96.7
≥ 1000	68.6	82.9	87.4	90.7	92.2	93.0	94.3	95.3	95.7	96.4	96.6	96.7	96.9	96.9	96.9	96.9
≥ 900	68.7	83.0	87.6	91.0	92.6	93.6	95.0	95.9	96.4	97.0	97.2	97.3	97.5	97.5	97.5	97.5
≥ 800	68.7	83.2	87.8	91.2	92.9	93.9	95.3	96.4	96.8	97.4	97.6	97.7	98.0	98.0	98.0	98.0
≥ 700	68.7	83.3	87.9	91.3	93.1	94.1	95.5	96.6	97.0	97.6	97.9	98.0	98.2	98.2	98.2	98.2
≥ 600	68.8	83.4	88.0	91.4	93.2	94.2	95.6	96.7	97.1	97.7	98.0	98.1	98.3	98.3	98.3	98.3
≥ 500	68.8	83.4	88.1	91.5	93.6	94.5	95.9	97.0	97.6	98.3	98.5	98.6	98.8	98.8	98.8	98.8
≥ 400	68.8	83.4	88.2	91.7	93.8	94.7	96.2	97.3	98.0	98.6	98.8	98.9	99.1	99.1	99.1	99.1
≥ 300	68.8	83.4	88.2	91.7	93.8	94.7	96.2	97.5	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
≥ 200	68.8	83.4	88.2	91.7	93.8	94.7	96.2	97.5	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
≥ 100	68.8	83.4	88.2	91.7	93.8	94.7	96.2	97.5	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
≥ 0	68.8	83.4	88.2	91.7	93.8	94.7	96.2	97.5	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 933

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40,61-70 YEARS — 11 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥⅛	≥5/16	≥¼	≥0
NO CEILING	29.4	34.4	36.2	37.6	38.2	38.2	38.7	39.2	39.3	39.7	40.0	40.1	40.1	40.1	40.2	40.2
≥ 20000	32.2	37.8	39.7	41.2	41.9	42.0	42.4	43.0	43.1	43.4	43.9	44.0	44.1	44.2	44.3	44.3
≥ 18000	32.2	37.8	39.7	41.2	41.9	42.0	42.4	43.0	43.1	43.4	43.9	44.0	44.1	44.2	44.3	44.3
≥ 16000	32.2	37.8	39.7	41.2	41.9	42.0	42.4	43.0	43.1	43.4	43.9	44.0	44.1	44.2	44.3	44.3
≥ 14000	32.2	38.0	40.0	41.5	42.2	42.3	42.8	43.3	43.4	43.8	44.2	44.3	44.4	44.5	44.6	44.6
≥ 12000	32.5	39.0	41.1	42.9	43.8	43.9	44.3	44.9	45.0	45.3	45.7	45.9	46.0	46.1	46.2	46.2
≥ 10000	33.9	40.9	43.1	45.0	46.1	46.2	46.6	47.2	47.3	47.6	48.1	48.2	48.3	48.4	48.5	48.5
≥ 9000	35.0	42.5	44.9	46.9	48.1	48.2	48.6	49.2	49.3	49.6	50.1	50.2	50.3	50.4	50.5	50.5
≥ 8000	37.0	45.1	47.5	49.6	50.8	50.9	51.6	52.3	52.4	52.7	53.1	53.3	53.4	53.5	53.6	53.6
≥ 7000	39.4	49.1	51.6	53.8	55.1	55.2	55.9	56.6	56.7	57.1	57.7	57.9	58.0	58.1	58.2	58.2
≥ 6000	41.8	51.9	54.5	56.7	58.0	58.1	58.8	59.4	59.6	60.0	60.6	60.8	60.9	61.0	61.1	61.1
≥ 5000	44.3	55.2	57.9	60.3	61.7	61.8	62.4	63.1	63.2	63.8	64.4	64.6	64.8	64.9	65.0	65.0
≥ 4500	46.1	57.1	59.8	62.2	63.5	63.6	64.3	65.0	65.1	65.6	66.3	66.5	66.6	66.7	66.9	66.9
≥ 4000	48.1	59.9	62.8	65.2	66.5	66.6	67.3	68.0	68.2	68.7	69.4	69.7	69.8	69.9	70.1	70.3
≥ 3500	51.0	65.0	68.3	70.7	72.0	72.2	72.8	73.5	73.8	74.4	75.0	75.4	75.5	75.6	75.7	75.9
> 3000	54.0	68.7	72.5	75.2	76.6	76.8	77.5	78.2	78.6	79.1	79.8	80.1	80.2	80.3	80.4	80.7
≥ 2500	56.6	73.0	77.3	80.2	81.9	82.1	82.8	83.4	83.8	84.3	85.1	85.4	85.5	85.6	85.7	86.0
≥ 2000	59.4	78.5	83.2	86.2	88.1	88.4	89.2	89.9	90.3	90.9	91.8	92.3	92.4	92.5	92.6	92.8
≥ 1800	59.4	79.0	83.9	86.9	88.7	89.1	89.8	90.6	90.9	91.6	92.5	92.9	93.0	93.1	93.3	93.5
≥ 1500	60.8	80.8	86.0	89.0	90.8	91.2	91.9	92.7	93.0	93.7	94.6	95.1	95.1	95.2	95.4	95.6
≥ 1200	60.9	81.4	87.2	90.3	92.2	92.5	93.4	94.3	94.6	95.2	96.1	96.6	96.7	96.8	96.9	97.1
≥ 1000	60.9	82.0	88.0	91.0	92.9	93.3	94.1	95.0	95.5	96.1	97.0	97.5	97.6	97.7	97.8	98.0
≥ 900	60.9	82.0	88.0	91.0	92.9	93.3	94.1	95.0	95.5	96.1	97.0	97.5	97.6	97.7	97.8	98.0
≥ 800	61.1	82.3	88.3	91.4	93.3	93.6	94.5	95.4	95.8	96.5	97.3	97.8	97.9	98.0	98.1	98.3
≥ 700	61.1	82.3	88.3	91.4	93.3	93.6	94.5	95.4	95.8	96.5	97.3	97.8	97.9	98.0	98.1	98.3
≥ 600	61.1	82.3	88.3	91.4	93.3	93.6	94.5	95.4	95.8	96.5	97.3	97.8	97.9	98.0	98.1	98.3
≥ 500	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.6	98.0	98.1	98.2	98.3	98.5
≥ 400	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.6	98.0	98.2		98.5	98.7
≥ 300	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.9	98.3	98.6		98.8	99.0
≥ 200	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.9	98.3	98.6		98.9	99.2
≥ 100	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.9	98.3	98.6	98.7	98.9	99.4
≥ 0	61.1	82.3	88.3	91.6	93.5	93.8	94.7	95.6	96.0	96.7	97.9	98.3	98.6	98.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 905

FORM
USAFETAC JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 49x61-69 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	37.0	34.0	36.7	37.7	38.4	38.4	38.9	39.1	39.1	39.5	40.2	40.2	40.2	40.2	40.2	40.2
≥ 20000	39.8	37.4	40.2	41.1	41.9	41.9	42.3	42.5	42.5	42.9	43.6	43.6	43.6	43.6	43.6	43.6
≥ 18000	39.8	37.5	40.3	41.2	42.0	42.0	42.4	42.6	42.6	43.1	43.7	43.7	43.7	43.7	43.7	43.7
≥ 16000	39.8	37.5	40.3	41.2	42.0	42.0	42.4	42.6	42.6	43.1	43.7	43.7	43.7	43.7	43.7	43.7
≥ 14000	40.9	38.5	41.3	42.3	43.1	43.1	43.5	43.7	43.7	44.1	44.8	44.8	44.8	44.8	44.8	44.8
≥ 12000	41.3	39.3	42.1	43.1	43.8	43.8	44.2	44.5	44.5	44.9	45.5	45.5	45.5	45.5	45.5	45.5
≥ 10000	42.9	41.6	44.6	45.5	46.3	46.3	46.7	46.9	46.9	47.4	48.0	48.0	48.0	48.0	48.0	48.0
≥ 9000	44.2	43.8	46.8	47.8	48.5	48.5	49.0	49.2	49.2	49.6	50.3	50.3	50.3	50.3	50.3	50.3
≥ 8000	46.9	47.5	50.6	51.6	52.3	52.3	52.7	53.0	53.0	53.4	54.0	54.0	54.0	54.0	54.0	54.0
≥ 7000	48.2	51.5	54.7	55.7	56.4	56.4	56.8	57.1	57.1	57.5	58.1	58.1	58.1	58.2	58.2	58.2
≥ 6000	53.5	55.5	58.8	59.7	60.5	60.5	60.9	61.1	61.1	61.6	62.2	62.2	62.2	62.3	62.3	62.3
≥ 5000	56.4	60.5	63.8	64.8	65.8	65.8	66.5	66.7	66.7	67.2	67.8	67.8	67.8	67.9	67.9	67.9
≥ 4500	57.7	62.2	65.8	66.7	67.7	67.7	68.5	68.7	68.7	69.1	69.8	69.8	69.8	69.9	69.9	69.9
≥ 4000	60.6	66.2	69.9	70.8	71.8	71.8	72.6	72.8	72.8	73.2	73.8	73.8	73.8	74.0	74.0	74.0
≥ 3500	63.2	70.7	74.5	75.5	76.4	76.4	77.2	77.4	77.4	77.8	78.5	78.5	78.5	78.6	78.6	78.6
≥ 3000	66.5	76.0	80.0	81.0	82.0	82.0	83.0	83.2	83.2	83.6	84.3	84.3	84.3	84.5	84.5	84.5
≥ 2500	68.0	79.7	84.1	85.0	86.0	86.2	87.0	87.2	87.2	87.6	88.5	88.5	88.5	88.6	88.6	88.6
≥ 2000	71.4	84.9	89.7	90.6	91.6	91.9	92.7	92.9	92.9	93.3	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1800	71.4	84.9	89.7	90.6	91.6	91.9	92.7	92.9	92.9	93.3	94.2	94.2	94.2	94.3	94.3	94.3
≥ 1500	71.7	85.8	90.9	91.9	92.9	93.2	94.0	94.3	94.3	94.7	95.6	95.6	95.6	95.7	95.7	95.7
≥ 1200	72.3	87.4	92.6	93.8	94.7	95.0	95.8	96.1	96.1	96.6	97.4	97.4	97.4	97.5	97.5	97.5
≥ 1000	72.4	87.6	92.8	94.0	94.9	95.3	96.0	96.3	96.3	96.8	97.6	97.6	97.6	97.7	97.7	97.7
≥ 900	72.4	87.7	92.9	94.1	95.0	95.4	96.1	96.4	96.4	96.9	97.7	97.7	97.7	97.8	97.8	97.8
≥ 800	72.4	87.8	93.0	94.3	95.3	95.6	96.3	96.7	96.7	97.1	98.0	98.0	98.0	98.1	98.1	98.1
≥ 700	72.4	87.8	93.0	94.4	95.4	95.7	96.6	97.0	97.0	97.4	98.3	98.3	98.3	98.4	98.4	98.4
≥ 600	72.4	87.8	93.0	94.4	95.4	95.7	96.6	97.0	97.0	97.4	98.3	98.3	98.3	98.4	98.4	98.4
≥ 500	72.4	88.1	93.3	94.7	95.7	96.0	96.9	97.3	97.3	97.7	98.6	98.6	98.6	98.7	98.7	98.7
≥ 400	72.4	88.1	93.3	94.7	95.7	96.0	97.0	97.4	97.4	97.8	98.7	98.7	98.7	98.8	98.8	98.8
≥ 300	72.4	88.1	93.3	94.7	95.8	96.2	97.2	97.7	97.7	98.2	99.1	99.1	99.4	99.5	99.5	99.5
≥ 200	72.4	88.1	93.3	94.7	95.8	96.2	97.2	97.7	97.7	98.2	99.1	99.1	99.4	99.7	99.7	99.7
≥ 100	72.4	88.1	93.3	94.7	95.8	96.2	97.2	97.7	97.7	98.2	99.1	99.1	99.4	99.7	99.9	99.9
0	72.4	88.1	93.3	94.7	95.8	96.2	97.2	97.7	97.7	98.2	99.1	99.1	99.4	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 229

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 — STATION — FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME — 40,61-69 — YEARS — — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (EST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	21.5	29.6	31.8	33.1	34.0	34.1	34.8	35.1	35.6	36.2	36.6	36.8	37.0	37.1	37.3	37.4
≥ 20000	24.4	32.9	35.3	36.7	37.5	37.6	38.4	38.6	39.1	39.8	40.1	40.1	40.5	40.6	40.9	41.0
≥ 18000	24.4	32.9	35.3	36.7	37.5	37.6	38.4	38.6	39.1	39.8	40.1	40.1	40.5	40.6	40.9	41.0
≥ 16000	24.4	32.9	35.3	36.7	37.5	37.6	38.4	38.6	39.1	39.8	40.1	40.1	40.5	40.6	40.9	41.0
≥ 14000	24.8	33.3	35.7	37.1	38.0	38.1	38.8	39.0	39.6	40.2	40.5	40.5	41.0	41.1	41.3	41.4
≥ 12000	25.0	34.3	36.7	38.1	38.9	39.0	39.8	40.0	40.5	41.2	41.5	41.5	41.9	42.0	42.3	42.4
≥ 10000	27.0	35.8	38.2	39.6	40.4	40.5	41.3	41.6	42.2	42.8	43.1	43.1	43.5	43.7	43.9	44.0
≥ 9000	28.4	37.5	40.0	41.4	42.3	42.4	43.1	43.4	44.0	44.6	44.9	44.9	45.4	45.5	45.7	45.8
≥ 8000	30.0	39.8	42.8	44.2	45.1	45.2	45.9	46.2	46.8	47.4	47.7	47.7	48.2	48.3	48.5	48.6
≥ 7000	33.1	43.2	46.3	47.8	48.7	48.8	49.6	49.9	50.4	51.2	51.5	51.5	51.9	52.0	52.3	52.4
≥ 6000	36.9	48.0	51.3	52.8	53.7	53.8	54.5	54.8	55.4	56.1	56.5	56.5	56.9	57.0	57.2	57.3
≥ 5000	41.1	54.6	58.1	59.6	60.5	60.8	61.5	61.8	62.4	63.1	63.4	63.4	63.9	64.0	64.2	64.3
≥ 4500	42.6	57.1	60.8	62.3	63.3	63.5	64.3	64.6	65.2	65.9	66.2	66.2	66.7	66.8	67.0	67.1
≥ 4000	44.4	59.6	63.4	64.9	66.0	66.2	67.0	67.3	67.8	68.6	68.9	68.9	69.4	69.5	69.7	69.8
≥ 3500	48.3	64.8	68.9	70.6	71.7	71.9	72.7	73.0	73.5	74.3	74.6	74.6	75.1	75.2	75.4	75.5
≥ 3000	53.1	72.3	76.6	78.5	79.7	79.9	80.6	81.0	81.5	82.4	82.7	82.7	83.1	83.2	83.4	83.5
≥ 2500	55.2	75.7	80.1	82.2	83.5	83.8	84.5	84.8	85.4	86.2	86.6	86.6	87.0	87.1	87.3	87.4
≥ 2000	57.8	79.5	84.3	86.3	87.7	88.0	88.7	89.0	89.6	90.4	90.8	90.8	91.2	91.3	91.5	91.6
≥ 1800	58.1	79.7	84.5	86.6	88.0	88.2	88.9	89.2	89.8	90.6	91.0	91.0	91.4	91.5	91.7	91.8
≥ 1500	58.5	80.5	85.6	87.6	89.4	89.6	90.3	90.9	91.4	92.3	92.6	92.6	93.0	93.1	93.2	93.4
≥ 1200	58.6	81.6	86.9	89.1	90.9	91.1	91.8	92.4	92.9	93.8	94.1	94.1	94.5	94.6	94.8	94.9
≥ 1000	58.8	81.9	87.2	89.6	91.3	91.5	92.3	92.8	93.3	94.2	94.5	94.5	94.9	95.1	95.3	95.4
≥ 900	58.8	82.0	87.3	89.9	91.6	91.8	92.6	93.1	93.7	94.5	94.8	94.8	95.3	95.4	95.6	95.7
≥ 800	59.1	82.4	87.6	90.2	91.9	92.2	92.9	93.4	94.0	94.8	95.2	95.2	95.7	95.9	96.1	96.2
≥ 700	59.1	82.6	87.8	90.5	92.3	92.5	93.3	93.9	94.4	95.3	95.6	95.6	96.0	96.1	96.3	96.5
≥ 600	59.1	82.8	88.1	90.6	92.5	92.7	93.5	94.1	94.6	95.5	95.8	95.8	96.2	96.3	96.5	96.7
≥ 500	59.1	83.1	88.4	91.1	92.8	93.0	93.9	94.5	95.1	95.9	96.2	96.2	96.7	96.8	97.0	97.1
≥ 400	59.1	83.1	88.4	91.3	93.1	93.3	94.3	94.9	95.5	96.3	96.8	96.8	97.2	97.3	97.5	97.6
≥ 300	59.1	83.1	88.4	91.6	93.5	93.9	94.9	95.7	96.2	97.1	97.5	97.5	98.0	98.1	98.3	98.4
≥ 200	59.1	83.1	88.4	91.7	93.7	94.0	95.1	95.8	96.3	97.2	97.7	97.7	98.2	98.4	98.6	98.7
≥ 100	59.1	83.1	88.4	91.7	93.7	94.0	95.1	95.8	96.3	97.2	97.7	97.8	98.3	98.6	98.9	99.0
0	59.1	83.1	88.4	91.7	93.7	94.0	95.1	95.8	96.3	97.2	97.7	97.8	98.3	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 232

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) AR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	19.4	22.9	24.0	24.4	24.6	24.9	25.8	26.7	26.9	27.2	27.5	27.6	27.8	28.0	28.2	28.4
≥ 20000	24.2	28.2	29.4	30.0	30.4	30.7	31.7	32.6	32.8	33.2	33.5	33.6	33.8	34.0	34.2	34.5
≥ 18000	24.3	28.3	29.6	30.2	30.6	30.9	32.0	32.9	33.1	33.5	33.8	33.9	34.1	34.3	34.5	34.8
≥ 16000	24.8	28.7	30.1	30.7	31.1	31.4	32.5	33.4	33.6	34.0	34.3	34.4	34.6	34.8	35.0	35.3
≥ 14000	25.9	29.9	31.5	32.3	32.6	32.9	34.2	35.2	35.4	35.8	36.1	36.2	36.4	36.6	36.8	37.0
≥ 12000	27.1	31.3	32.8	33.6	34.0	34.3	35.6	36.6	36.8	37.1	37.4	37.5	37.7	37.9	38.1	38.4
≥ 10000	28.8	33.0	34.6	35.6	36.0	36.4	37.7	38.7	38.9	39.3	39.6	39.7	39.9	40.1	40.3	40.6
≥ 9000	30.1	34.3	36.3	37.2	37.6	38.0	39.4	40.4	40.6	41.0	41.3	41.3	41.5	41.7	41.9	42.2
≥ 8000	32.4	37.3	39.4	40.7	41.2	41.5	43.0	44.1	44.3	44.7	45.0	45.1	45.4	45.6	45.7	46.0
≥ 7000	37.1	42.8	45.0	46.2	46.7	47.1	48.6	49.7	49.9	50.2	50.6	50.7	51.1	51.3	51.5	51.8
≥ 6000	40.1	46.2	48.4	49.9	50.3	50.7	52.2	53.3	53.5	53.9	54.3	54.4	54.7	54.9	55.1	55.4
≥ 5000	43.4	51.2	53.8	55.3	55.8	56.2	57.7	58.7	58.9	59.3	59.7	59.8	60.2	60.4	60.6	60.9
≥ 4500	44.7	52.9	55.4	57.0	57.5	57.9	59.3	60.4	60.6	61.0	61.4	61.5	61.9	62.1	62.3	62.6
≥ 4000	47.5	56.3	58.8	60.4	60.9	61.4	63.0	64.0	64.2	64.6	65.0	65.1	65.5	65.7	65.9	66.4
≥ 3500	50.8	60.7	63.6	65.6	66.2	66.7	68.2	69.3	69.5	69.9	70.3	70.4	70.8	71.0	71.2	71.7
≥ 3000	56.8	66.2	69.4	71.7	72.5	73.0	74.7	75.8	76.0	76.3	76.7	76.9	77.4	77.6	77.8	78.4
≥ 2500	58.0	69.9	73.2	75.7	76.7	77.3	79.1	80.2	80.4	80.7	81.1	81.3	81.8	82.0	82.2	82.9
≥ 2000	61.0	74.8	78.2	80.7	81.9	82.5	84.3	85.3	85.5	86.0	86.4	86.6	87.1	87.3	87.5	88.2
≥ 1800	61.4	75.4	78.9	81.5	82.7	83.3	85.0	86.1	86.3	86.8	87.2	87.4	87.9	88.1	88.3	89.0
≥ 1500	61.6	76.0	79.6	82.2	83.5	84.1	85.8	86.9	87.1	87.6	88.0	88.2	88.7	88.9	89.1	89.7
≥ 1200	62.3	77.1	80.9	83.8	85.1	85.7	87.5	88.6	88.8	89.3	89.7	89.9	90.4	90.6	90.8	91.5
≥ 1000	62.4	77.6	81.7	84.6	86.1	86.7	88.5	89.5	89.7	90.3	90.7	90.9	91.4	91.6	91.8	92.5
≥ 900	62.4	77.6	81.8	84.7	86.4	87.0	88.8	89.8	90.0	90.5	91.0	91.2	91.7	91.9	92.1	92.8
≥ 800	62.7	78.1	82.3	85.1	86.9	87.5	89.4	90.5	90.7	91.3	91.7	91.9	92.4	92.6	92.8	93.4
≥ 700	62.9	78.4	82.9	85.7	87.5	88.1	90.0	91.1	91.3	92.0	92.4	92.6	93.1	93.3	93.5	94.1
≥ 600	62.9	78.4	82.9	85.9	87.8	88.4	90.3	91.4	91.6	92.3	92.7	92.9	93.4	93.5	93.7	94.4
≥ 500	62.9	78.5	83.1	86.2	88.1	88.7	90.7	91.9	92.1	92.9	93.3	93.5	93.9	94.2	94.5	95.2
≥ 400	62.9	78.5	83.1	86.2	88.2	88.8	90.8	92.1	92.3	93.1	93.5	93.6	94.1	94.3	94.9	95.8
≥ 300	62.9	78.5	83.1	86.3	88.4	89.1	91.3	92.6	92.8	93.6	94.2	94.4	94.9	95.1	95.9	96.8
≥ 200	62.9	78.5	83.1	86.3	88.4	89.1	91.4	92.9	93.1	94.0	94.6	95.0	95.6	96.1	96.7	97.6
≥ 100	62.9	78.5	83.1	86.3	88.4	89.1	91.4	92.9	93.1	94.0	94.7	95.1	95.8	96.3	96.9	98.1
≥ 0	62.9	78.5	83.1	86.3	88.4	89.1	91.4	92.9	93.1	94.0	94.7	95.1	95.8	96.3	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1223

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSIN DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	19.9	23.2	24.3	24.9	26.0	26.0	26.2	26.4	26.4	26.5	26.6	26.6	26.6	26.6	26.7	26.8
≥ 20000	26.7	30.6	32.1	32.7	34.0	34.0	34.1	34.3	34.3	34.4	34.6	34.6	34.6	34.6	34.7	34.8
≥ 18000	26.9	30.8	32.3	32.9	34.1	34.1	34.3	34.5	34.5	34.6	34.8	34.8	34.8	34.8	34.9	35.0
≥ 16000	27.3	31.3	32.8	33.4	34.6	34.6	34.8	35.0	35.0	35.1	35.3	35.3	35.3	35.3	35.4	35.5
≥ 14000	27.6	31.6	33.2	33.8	35.0	35.0	35.2	35.4	35.4	35.5	35.7	35.7	35.7	35.7	35.8	35.9
≥ 12000	30.3	34.5	36.1	36.7	38.0	38.0	38.2	38.5	38.5	38.6	38.7	38.7	38.7	38.7	38.8	38.9
≥ 10000	32.8	37.2	38.7	39.3	40.8	40.8	41.0	41.3	41.3	41.4	41.6	41.6	41.6	41.6	41.7	41.8
≥ 9000	34.0	38.6	40.5	41.2	42.7	42.7	42.9	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.5	43.6
≥ 8000	38.3	43.3	45.2	46.0	47.5	47.5	47.7	47.9	47.9	48.0	48.2	48.2	48.2	48.2	48.3	48.4
≥ 7000	41.7	47.1	48.9	49.7	51.2	51.2	51.4	51.7	51.8	51.9	52.1	52.1	52.1	52.1	52.2	52.3
≥ 6000	43.3	49.1	51.1	51.9	53.3	53.3	53.5	53.8	53.9	54.0	54.2	54.2	54.2	54.2	54.3	54.4
≥ 5000	45.9	52.3	54.2	55.0	56.5	56.5	56.8	57.0	57.1	57.2	57.6	57.4	57.6	57.6	57.7	57.8
≥ 4500	47.1	53.6	55.7	56.5	57.9	57.9	58.2	58.5	58.6	58.7	59.1	59.1	59.1	59.1	59.2	59.3
≥ 4000	49.3	56.4	58.4	59.4	60.9	61.2	61.4	61.7	61.8	61.9	62.3	62.1	62.3	62.3	62.4	62.5
≥ 3500	53.1	60.9	63.1	64.3	65.8	66.1	66.4	66.7	66.8	66.9	67.3	67.3	67.3	67.3	67.4	67.5
≥ 3000	57.7	66.9	69.6	70.9	72.8	73.2	73.5	73.8	73.9	74.0	74.5	74.5	74.5	74.5	74.6	74.7
≥ 2500	62.2	72.6	75.3	77.0	79.1	79.5	79.7	80.0	80.1	80.2	80.7	80.7	80.7	80.7	80.8	80.9
≥ 2000	66.5	77.6	80.6	82.5	84.6	85.1	85.3	85.8	85.9	86.0	86.5	86.5	86.5	86.5	86.6	86.7
≥ 1800	67.3	78.8	81.8	83.7	85.8	86.3	86.7	87.0	87.1	87.2	87.7	87.7	87.7	87.7	87.8	87.9
≥ 1500	68.9	80.8	84.1	86.0	88.3	88.7	89.5	89.8	89.9	90.0	90.5	90.5	90.5	90.5	90.6	90.7
≥ 1200	69.8	82.8	86.0	88.1	90.5	91.0	91.9	92.2	92.3	92.4	92.9	92.9	92.9	92.9	93.0	93.1
≥ 1000	70.1	83.7	87.0	89.3	91.8	92.3	93.2	93.5	93.6	93.7	94.2	94.2	94.2	94.2	94.3	94.4
≥ 900	70.1	83.7	87.1	89.4	91.9	92.4	93.2	93.8	93.9	94.0	94.5	94.4	94.5	94.5	94.6	94.7
≥ 800	70.1	83.8	87.4	90.0	92.5	93.0	93.9	94.5	94.6	94.7	95.4	95.4	95.4	95.4	95.6	95.7
≥ 700	70.3	84.0	87.7	90.5	93.0	93.4	94.4	95.1	95.2	95.4	96.1	96.1	96.1	96.1	96.3	96.4
≥ 600	70.3	84.1	87.9	90.8	93.2	93.8	94.8	95.6	95.7	95.9	96.6	96.4	96.6	96.6	96.8	96.9
≥ 500	70.3	84.1	88.0	91.0	93.4	94.0	95.1	95.9	96.0	96.2	97.0	97.0	97.0	97.0	97.2	97.3
≥ 400	70.3	84.1	88.0	91.0	93.6	94.2	95.3	96.2	96.3	96.5	97.4	97.4	97.5	97.5	97.7	97.8
≥ 300	70.3	84.1	88.0	91.0	93.7	94.3	95.5	96.4	96.5	97.0	97.9	97.9	98.0	98.1	98.4	98.5
≥ 200	70.3	84.1	88.0	91.0	93.7	94.3	95.5	96.5	96.6	97.2	98.1	98.1	98.2	98.5	99.0	99.2
≥ 100	70.3	84.1	88.0	91.0	93.7	94.3	95.5	96.5	96.6	97.2	98.1	98.1	98.3	98.6	99.1	99.9
≥ 0	70.3	84.1	88.0	91.0	93.7	94.3	95.5	96.5	96.6	97.2	98.1	98.1	98.3	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1022

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40x61-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	24.7	26.5	26.9	27.2	27.4	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 20000	32.4	34.4	34.8	35.2	35.4	35.4	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 18000	32.6	34.6	35.0	35.4	35.6	35.6	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
≥ 16000	33.2	35.3	35.7	36.1	36.3	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	34.5	36.6	37.0	37.3	37.5	37.5	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 12000	36.6	38.6	39.0	39.4	39.6	39.6	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 10000	38.8	40.9	41.4	41.8	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 9000	39.3	41.6	42.2	42.6	42.9	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 8000	41.7	44.3	44.9	45.3	45.6	45.6	45.7	45.7	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9
≥ 7000	45.1	47.9	48.5	48.9	49.2	49.2	49.4	49.4	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6
≥ 6000	46.4	49.7	50.2	50.6	50.9	50.9	51.1	51.1	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3
≥ 5000	47.8	51.6	52.2	52.6	53.2	53.2	53.4	53.4	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4500	48.5	52.6	53.3	53.7	54.3	54.3	54.4	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6
≥ 4000	52.8	57.2	58.1	58.6	59.1	59.1	59.3	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 3500	59.4	64.4	65.7	66.3	66.9	66.9	67.1	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3
≥ 3000	65.4	71.9	73.4	74.0	74.6	74.6	74.8	74.8	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0
≥ 2500	72.5	79.6	81.4	82.1	82.7	82.8	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	77.4	86.0	88.1	88.9	89.7	89.9	90.1	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	78.5	87.6	89.6	90.4	91.3	91.5	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1500	79.2	89.3	91.7	92.5	93.7	93.9	94.1	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	80.4	91.1	93.6	94.6	96.0	96.2	96.5	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	80.5	91.5	94.1	95.2	96.7	97.0	97.3	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	80.6	91.9	94.5	95.7	97.2	97.5	97.8	97.8	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	80.6	92.0	94.6	95.9	97.4	97.7	97.9	98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	80.6	92.0	94.9	96.4	97.8	98.1	98.4	98.5	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	80.6	92.0	94.9	96.5	97.9	98.3	98.7	98.8	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	80.6	92.0	94.9	96.9	98.3	98.7	99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8
≥ 400	80.6	92.0	94.9	96.9	98.4	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	80.6	92.0	94.9	96.9	98.4	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	80.6	92.0	94.9	96.9	98.4	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	80.6	92.0	94.9	96.9	98.4	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
0	80.6	92.0	94.9	96.9	98.4	98.8	99.2	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

242.1 (STATION) FORT LEWIS WASHINGTON/GRAY AAI (STATION NAME) 40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1700 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
≥ 20000	38.8	38.8	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
≥ 18000	38.8	38.8	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
≥ 16000	39.4	39.4	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	39.7
≥ 14000	42.0	42.0	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
≥ 12000	43.6	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	46.8	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 9000	48.0	48.1	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
≥ 8000	50.6	50.8	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
≥ 7000	55.3	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 6000	57.0	57.9	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
≥ 5000	58.7	60.2	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 4500	61.1	62.6	63.0	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000	65.3	67.2	67.8	68.1	68.2	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 3500	70.9	73.2	74.3	74.6	74.8	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3000	75.8	78.3	80.4	80.7	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500	81.2	86.0	87.6	88.1	88.3	88.5	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	84.7	91.5	93.4	94.1	94.3	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	85.0	91.9	93.7	94.6	94.8	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	85.5	92.9	94.8	95.8	96.2	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	85.7	93.6	95.9	96.9	97.5	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	85.8	93.7	96.0	97.1	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	85.8	93.7	96.0	97.4	97.9	98.2	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	86.0	93.9	96.3	97.7	98.2	98.5	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	86.0	93.9	96.4	97.8	98.5	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	86.0	93.9	96.4	97.8	98.5	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
0	86.0	93.9	96.4	97.8	98.6	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1023

DATA PROCESSING DIVISION
SAC ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	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
≥ 20000	41.3	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
≥ 18000	41.4	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 16000	42.4	44.8	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
≥ 14000	44.1	46.4	46.5	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
≥ 12000	45.7	48.1	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	48.4
≥ 10000	48.0	51.1	51.2	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
≥ 9000	49.8	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 8000	53.3	56.3	56.4	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
≥ 7000	57.1	60.9	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 6000	60.1	64.8	65.0	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
≥ 5000	63.9	69.3	70.1	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 4500	66.1	71.6	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4000	70.5	76.3	77.3	77.6	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	73.1	79.3	80.4	80.7	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3000	76.8	84.3	85.4	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2500	79.7	87.5	88.7	89.1	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	83.3	92.9	94.3	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	83.6	93.2	94.7	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	84.0	93.8	95.4	95.9	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	84.3	94.3	96.0	96.5	97.0	97.0	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	84.6	94.7	96.6	97.1	97.6	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	84.7	94.8	96.7	97.3	97.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	84.8	94.9	96.8	97.5	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	84.8	94.9	96.8	97.5	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	84.8	94.9	96.8	97.5	98.1	98.2	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	84.8	94.9	96.8	97.5	98.1	98.2	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	84.8	94.9	96.8	97.5	98.1	98.2	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	84.8	94.9	96.8	97.5	98.1	98.2	98.8	99.1	99.2	99.5	99.7	99.8	99.8	99.9	99.9	99.9
≥ 200	84.8	94.9	96.8	97.5	98.1	98.2	98.8	99.1	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0
≥ 100	84.8	94.9	96.8	97.5	98.1	98.2	98.8	99.1	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0
0	84.8	94.9	96.8	97.5	98.1	98.2	98.8	99.1	99.2	99.5	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1223

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF 40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≤10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	35.1	40.4	41.3	41.8	41.8	41.9	41.9	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.2
≥ 20000	37.4	42.9	44.0	44.7	44.7	44.7	44.8	44.8	44.8	45.0	45.0	45.0	45.1	45.1	45.1	45.1
≥ 18000	37.5	43.0	44.1	44.8	44.8	44.8	44.9	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 16000	37.5	43.0	44.1	44.8	44.8	44.8	44.9	44.9	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2
≥ 14000	39.2	44.9	45.9	46.7	46.7	46.7	46.8	46.8	46.8	47.0	47.0	47.0	47.1	47.1	47.1	47.1
≥ 12000	41.0	46.8	47.8	48.6	48.6	48.6	48.7	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 10000	43.6	49.7	50.7	51.5	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.8	51.9	51.9	51.9	51.9
≥ 9000	45.3	51.7	52.7	53.5	53.5	53.5	53.6	53.6	53.6	53.8	53.8	53.8	53.9	53.9	53.9	53.9
≥ 8000	47.9	54.4	55.4	56.3	56.3	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.7	56.7	56.7	56.7
≥ 7000	51.5	59.5	60.5	61.3	61.3	61.3	61.4	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7
≥ 6000	54.6	62.9	63.9	64.7	64.7	64.7	64.8	64.8	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1
≥ 5000	58.0	67.8	69.5	70.4	70.5	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9
≥ 4500	59.9	70.3	72.1	73.0	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5
≥ 4000	63.4	75.4	77.2	78.1	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.5	78.6	78.6	78.6	78.6
≥ 3500	66.2	78.5	80.3	81.6	81.7	81.7	81.8	81.8	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1
≥ 3000	70.7	84.6	86.8	87.7	87.8	87.8	87.9	87.9	87.9	88.1	88.1	88.2	88.3	88.3	88.3	88.3
≥ 2500	72.8	87.7	90.1	91.0	91.1	91.1	91.2	91.2	91.2	91.4	91.4	91.5	91.6	91.6	91.6	91.6
≥ 2000	75.7	92.2	94.9	95.8	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.3	96.4	96.4	96.4	96.4
≥ 1800	75.9	92.6	95.3	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.7	96.8	96.8	96.8	96.8
≥ 1500	76.4	93.5	96.7	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2
≥ 1200	76.4	93.5	96.8	97.8	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4
≥ 1000	76.4	93.5	96.8	97.8	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4
≥ 900	76.4	93.5	96.8	97.8	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4
≥ 800	76.4	94.0	97.3	98.3	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9
≥ 700	76.4	94.0	97.3	98.3	98.4	98.4	98.5	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0
≥ 600	76.4	94.0	97.3	98.3	98.4	98.4	98.5	98.6	98.6	98.8	98.8	98.9	99.0	99.0	99.0	99.0
≥ 500	76.4	94.0	97.3	98.3	98.4	98.5	98.6	98.8	98.8	99.2	99.2	99.3	99.4	99.4	99.4	99.4
≥ 400	76.4	94.0	97.3	98.3	98.5	98.6	98.7	99.2	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	76.4	94.0	97.3	98.3	98.5	98.6	98.7	99.2	99.3	99.7	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	76.4	94.0	97.3	98.3	98.5	98.6	98.7	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	76.4	94.0	97.3	98.3	98.5	98.6	98.7	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0
0	76.4	94.0	97.3	98.3	98.5	98.6	98.7	99.2	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 992

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

242x1 STATION — FORT LEWIS ×ASHINGTON/GRAY AAF STATION NAME — 39-40,61-69 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.1	38.8	39.9	40.6	40.9	40.9	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
≥ 20000	40.1	45.3	46.6	47.4	47.9	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4
≥ 18000	40.1	45.3	46.6	47.4	47.9	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4
≥ 16000	40.1	45.3	46.6	47.4	47.9	47.9	48.2	48.2	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.4
≥ 14000	40.3	45.5	46.8	47.6	48.1	48.1	48.4	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.6	48.6
≥ 12000	40.1	46.3	47.6	48.4	48.9	48.9	49.2	49.2	49.2	49.2	49.3	49.3	49.4	49.4	49.4	49.4
≥ 10000	41.8	49.6	51.0	51.8	52.3	52.3	52.6	52.6	52.6	52.6	52.7	52.7	52.8	52.8	52.8	52.8
≥ 9000	43.3	51.2	52.5	53.3	53.8	53.8	54.1	54.1	54.1	54.1	54.2	54.2	54.3	54.3	54.3	54.3
≥ 8000	46.1	54.9	56.5	57.4	58.0	58.0	58.3	58.3	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5
≥ 7000	49.0	58.3	60.2	61.2	61.7	61.7	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2
≥ 6000	52.1	61.5	63.5	64.5	65.0	65.0	65.3	65.3	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.8
≥ 5000	55.2	66.4	68.4	69.4	70.0	70.0	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.8	70.8	70.8
≥ 4500	57.0	68.7	70.8	71.8	72.4	72.4	72.8	72.8	72.9	72.9	73.0	73.0	73.2	73.3	73.3	73.3
≥ 4000	61.2	73.4	75.7	76.7	77.3	77.3	77.7	77.7	77.8	77.8	77.9	77.9	78.0	78.1	78.1	78.1
≥ 3500	73.8	78.8	79.2	80.2	81.0	81.0	81.4	81.4	81.5	81.5	81.6	81.6	81.7	81.8	81.8	81.8
≥ 3000	76.9	81.2	82.7	84.7	85.4	85.4	85.8	85.8	85.9	85.9	86.0	86.0	86.1	86.2	86.2	86.2
≥ 2500	89.6	84.6	87.2	88.4	89.3	89.3	89.7	89.7	89.8	89.8	89.9	89.9	90.0	90.1	90.1	90.1
≥ 2000	92.0	88.3	91.5	92.7	93.6	93.6	94.0	94.0	94.1	94.1	94.2	94.2	94.3	94.4	94.4	94.4
≥ 1800	93.5	89.3	92.4	93.6	94.5	94.5	94.9	94.9	95.0	95.0	95.1	95.1	95.2	95.3	95.3	95.3
≥ 1500	94.1	90.2	93.4	94.7	95.6	95.6	96.0	96.0	96.1	96.1	96.3	96.3	96.4	96.5	96.5	96.5
≥ 1200	95.1	91.3	94.7	96.0	97.1	97.1	97.5	97.5	97.6	97.6	97.7	97.7	97.8	97.9	97.9	97.9
≥ 1000	95.4	91.8	95.5	96.9	97.9	97.9	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9
≥ 900	95.4	91.8	95.5	96.9	97.9	97.9	98.5	98.5	98.6	98.6	98.7	98.7	98.8	98.9	98.9	98.9
≥ 800	95.5	91.9	95.6	97.0	98.0	98.0	98.6	98.6	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0
≥ 700	95.5	92.0	95.7	97.1	98.1	98.1	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1
≥ 600	95.5	92.0	96.0	97.4	98.4	98.4	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.4
> 500	95.5	92.0	96.0	97.4	98.4	98.4	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.4	99.4	99.4
≥ 400	95.5	92.0	96.0	97.5	98.6	98.6	99.2	99.2	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.6
≥ 300	95.5	92.0	96.0	97.5	98.7	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 200	95.5	92.0	96.0	97.5	98.7	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 100	95.5	92.0	96.0	97.5	98.7	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0
≥ 0	95.5	92.0	96.0	97.5	98.7	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 987

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOUR, LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	22.7	27.9	29.6	30.3	30.7	30.7	30.8	31.0	31.0	31.4	31.4	31.4	31.6	31.6	31.6	31.6
≥ 20000	28.1	34.4	36.2	37.1	37.7	37.7	37.8	38.0	38.0	38.4	38.5	38.5	38.7	38.7	38.7	38.7
≥ 18000	28.2	34.5	36.3	37.3	38.0	38.0	38.1	38.3	38.3	38.7	38.8	38.8	39.0	39.0	39.0	39.0
≥ 16000	28.3	34.6	36.4	37.4	38.1	38.1	38.2	38.4	38.4	38.8	38.9	38.9	39.1	39.1	39.1	39.1
≥ 14000	28.8	35.1	37.0	38.0	38.7	38.7	38.8	39.0	39.0	39.4	39.5	39.5	39.7	39.7	39.7	39.7
≥ 12000	29.9	36.2	38.1	39.1	39.8	39.8	39.9	40.1	40.1	40.5	40.6	40.6	40.8	40.8	40.8	40.8
≥ 10000	32.1	39.4	41.4	42.4	43.1	43.1	43.2	43.4	43.4	43.8	43.9	43.9	44.1	44.1	44.1	44.1
≥ 9000	33.0	40.3	42.3	43.3	44.0	44.0	44.1	44.3	44.3	44.7	44.8	44.8	45.0	45.0	45.0	45.0
≥ 8000	34.9	42.5	44.7	45.8	46.5	46.5	46.6	46.8	46.8	47.2	47.3	47.3	47.5	47.5	47.5	47.5
≥ 7000	38.0	46.8	49.0	50.2	50.9	50.9	51.0	51.2	51.2	51.6	51.7	51.7	51.9	51.9	51.9	51.9
≥ 6000	41.5	50.2	52.6	53.9	54.6	54.6	54.7	54.9	54.9	55.3	55.4	55.4	55.6	55.6	55.6	55.6
≥ 5000	45.0	54.4	56.9	58.2	58.9	58.9	59.0	59.2	59.2	59.6	59.7	59.7	59.9	59.9	59.9	59.9
≥ 4500	46.4	56.0	58.5	59.8	60.5	60.5	60.6	60.8	60.8	61.2	61.3	61.3	61.5	61.5	61.5	61.5
≥ 4000	50.4	60.5	63.2	64.5	65.2	65.2	65.3	65.5	65.5	65.9	66.0	66.0	66.2	66.2	66.2	66.2
≥ 3500	54.2	65.1	68.1	69.4	70.2	70.2	70.3	70.5	70.5	70.9	71.0	71.0	71.2	71.2	71.2	71.2
≥ 3000	57.9	70.2	73.5	74.9	75.8	76.0	76.2	76.4	76.4	76.8	76.9	76.9	77.1	77.1	77.1	77.1
≥ 2500	61.2	75.3	78.8	80.3	81.3	81.5	81.7	81.9	81.9	82.3	82.4	82.4	82.6	82.6	82.6	82.6
≥ 2000	65.0	80.8	84.6	86.2	87.4	87.6	87.8	88.0	88.0	88.4	88.5	88.5	88.7	88.7	88.7	88.7
≥ 1800	66.1	82.6	86.4	88.0	89.2	89.4	89.6	89.8	89.8	90.3	90.4	90.4	90.6	90.6	90.6	90.6
≥ 1500	66.7	83.4	87.3	89.1	90.4	90.6	90.8	91.0	91.0	91.4	91.5	91.5	91.7	91.7	91.7	91.7
≥ 1200	67.7	85.2	89.3	91.2	92.4	92.6	92.8	93.0	93.0	93.4	93.5	93.5	93.7	93.7	93.7	93.7
≥ 1000	68.3	85.9	90.1	91.9	93.1	93.4	93.9	94.1	94.1	94.5	94.6	94.6	94.8	94.8	94.8	94.8
≥ 900	68.3	85.9	90.4	92.2	93.4	93.7	94.2	94.4	94.4	94.8	94.9	94.9	95.1	95.1	95.1	95.1
≥ 800	68.3	85.9	90.4	92.3	93.5	93.8	94.4	94.6	94.6	95.0	95.1	95.1	95.3	95.3	95.3	95.3
≥ 700	68.3	86.1	90.7	92.6	93.8	94.1	94.7	94.9	94.9	95.3	95.4	95.4	95.6	95.6	95.6	95.6
≥ 600	68.4	86.5	91.1	93.1	94.3	94.6	95.2	95.4	95.4	95.8	95.9	95.9	96.1	96.1	96.1	96.1
≥ 500	68.5	86.9	91.5	93.5	94.8	95.1	95.7	95.9	95.9	96.4	96.5	96.5	96.7	96.7	96.7	96.7
≥ 400	68.5	87.0	91.6	93.7	95.0	95.3	95.9	96.2	96.3	96.8	96.9	96.9	97.2	97.2	97.2	97.2
≥ 300	68.6	87.1	91.7	93.8	95.1	95.4	96.2	96.7	96.8	97.3	97.5	97.5	97.8	97.8	97.8	97.9
≥ 200	68.6	87.1	91.7	93.8	95.2	95.5	96.4	97.0	97.1	97.6	97.9	97.9	98.2	98.2	98.2	99.1
≥ 100	68.6	87.1	91.7	93.8	95.2	95.5	96.4	97.0	97.2	97.7	98.0	98.0	98.5	98.5	98.5	99.8
≥ 0	68.6	87.1	91.7	93.8	95.2	95.5	96.4	97.0	97.2	97.7	98.0	98.0	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 925

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 39-40,61-70 YEARS — APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	23.0	25.6	26.1	26.3	26.7	26.9	27.4	27.4	27.8	28.1	28.2	28.2	28.2	28.2	28.2	28.5
≥ 20000	28.8	32.2	33.2	33.9	34.3	34.5	35.1	35.1	35.5	35.6	35.9	35.9	35.9	35.9	35.9	36.2
≥ 18000	28.9	32.3	33.3	34.1	34.5	34.8	35.0	35.6	35.9	36.3	36.4	36.4	36.4	36.4	36.4	36.7
≥ 16000	29.4	32.8	33.8	34.5	35.0	35.3	36.0	36.0	36.4	36.8	36.9	36.9	36.9	36.9	36.9	37.1
≥ 14000	29.9	33.4	34.4	35.2	35.6	35.9	36.7	36.7	37.0	37.4	37.5	37.5	37.5	37.5	37.5	37.8
≥ 12000	31.2	34.8	36.1	36.9	37.3	37.6	38.3	38.3	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.4
≥ 10000	33.2	37.2	38.6	39.4	39.8	40.1	40.8	40.8	41.2	41.6	41.7	41.7	41.7	41.7	41.7	41.9
≥ 9000	33.7	38.0	39.4	40.1	40.6	40.8	41.6	41.7	42.0	42.4	42.5	42.5	42.5	42.5	42.5	42.8
≥ 8000	37.0	41.9	43.2	44.1	44.5	44.8	45.6	45.6	46.1	46.5	46.6	46.6	46.6	46.6	46.6	46.9
≥ 7000	40.5	45.6	46.9	47.8	48.2	48.5	49.3	49.4	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.6
≥ 6000	43.8	49.5	51.1	51.9	52.5	52.8	53.6	53.7	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.9
≥ 5000	46.7	52.6	54.5	55.4	56.0	56.3	57.1	57.2	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.5
≥ 4500	49.4	55.6	57.7	58.5	59.2	59.4	60.3	60.4	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.7
≥ 4000	53.5	60.6	62.8	63.9	64.5	64.8	65.6	65.7	66.2	66.6	66.8	66.8	66.8	66.8	66.8	67.1
≥ 3500	57.3	65.1	67.8	68.9	69.7	70.0	70.9	71.0	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.3
≥ 3000	60.4	68.6	71.4	72.9	74.0	74.3	75.2	75.3	75.7	76.1	76.3	76.3	76.3	76.3	76.3	76.6
≥ 2500	64.8	73.4	76.5	78.0	79.1	79.4	80.4	80.6	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.9
≥ 2000	69.7	79.7	83.0	84.5	85.9	86.2	87.2	87.8	88.2	88.6	88.9	88.9	88.9	88.9	88.9	89.2
≥ 1800	70.0	80.3	83.7	85.4	86.8	87.0	88.1	88.6	89.1	89.4	89.7	89.7	89.7	89.7	89.7	90.0
≥ 1500	71.1	81.9	85.6	87.4	88.8	89.2	90.2	90.7	91.2	91.6	91.9	91.9	91.9	91.9	91.9	92.1
≥ 1200	72.2	83.1	87.0	88.9	90.3	90.6	91.7	92.2	92.7	93.1	93.3	93.3	93.3	93.3	93.3	93.6
≥ 1000	72.8	83.7	87.7	89.5	90.9	91.4	92.0	93.3	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.7
≥ 900	72.8	83.9	88.1	90.0	91.4	91.9	93.1	93.9	94.4	94.7	95.0	95.0	95.0	95.0	95.0	95.3
≥ 800	72.8	84.2	88.8	90.7	92.1	92.6	94.1	94.9	95.4	95.8	96.1	96.1	96.1	96.1	96.1	96.4
≥ 700	72.8	84.4	89.1	91.1	92.5	93.0	94.4	95.3	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.8
≥ 600	72.8	84.4	89.2	91.2	92.7	93.1	94.7	95.6	96.0	96.5	96.8	96.8	96.8	96.8	96.8	97.1
≥ 500	72.8	84.4	89.2	91.2	92.7	93.1	94.7	95.6	96.1	96.6	96.9	96.9	96.9	96.9	96.9	97.2
≥ 400	72.8	84.4	89.3	91.4	93.0	93.5	95.3	96.4	96.9	97.4	97.7	97.7	97.7	97.7	97.7	98.0
≥ 300	72.8	84.4	89.3	91.4	93.0	93.6	95.6	96.9	97.3	98.0	98.4	98.4	98.4	98.4	98.4	98.7
≥ 200	72.8	84.4	89.3	91.4	93.0	93.6	95.6	96.9	97.3	98.1	98.8	98.8	98.8	98.8	98.9	99.2
≥ 100	72.8	84.4	89.3	91.4	93.0	93.6	95.6	96.9	97.3	98.0	98.8	98.8	98.8	98.8	99.0	100.0
≥ 0	72.8	84.4	89.3	91.4	93.0	93.6	95.6	96.9	97.3	98.0	98.8	98.8	98.8	98.9	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	19.4	20.4	20.6	20.7	20.7	20.8	21.3	21.3	21.4	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 20000	26.0	27.8	28.1	28.6	28.6	28.7	29.3	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 18000	26.6	28.3	28.7	29.3	29.3	29.4	29.9	30.0	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 16000	26.6	28.3	28.7	29.3	29.3	29.4	29.9	30.0	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 14000	27.6	29.4	29.8	30.4	30.4	30.5	31.0	31.1	31.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5
≥ 12000	29.8	31.9	32.3	32.9	32.9	33.0	33.6	33.7	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 10000	31.6	33.9	34.3	34.8	34.8	34.9	35.6	35.6	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 9000	32.4	34.9	35.3	35.8	35.8	35.9	36.6	36.7	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 8000	35.3	37.9	38.2	38.8	38.8	38.9	39.6	39.7	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 7000	38.1	40.8	41.3	41.9	41.9	42.0	42.7	42.8	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 6000	39.5	42.4	42.9	43.4	43.4	43.5	44.3	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	41.3	44.4	45.2	45.8	45.9	46.0	46.8	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 4500	42.4	46.0	46.9	47.6	47.7	47.8	48.5	48.6	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 4000	46.9	51.2	52.3	53.1	53.1	53.2	54.0	54.2	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 3500	51.9	56.4	57.6	58.3	58.4	58.5	59.3	59.4	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3000	58.7	64.2	65.4	66.1	66.2	66.3	67.1	67.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 2500	67.8	73.8	75.0	75.8	75.9	76.0	76.9	77.2	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 2000	75.1	81.9	83.2	84.1	84.2	84.3	85.1	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800	76.9	83.8	85.1	85.9	86.0	86.1	86.9	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	79.0	86.9	88.3	89.2	89.3	89.4	90.2	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	80.5	88.9	90.4	91.4	91.6	91.7	92.6	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1000	81.2	89.9	91.5	92.6	93.1	93.1	94.1	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	81.3	90.3	91.9	93.3	93.9	94.0	94.9	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	81.5	90.8	92.5	94.1	94.8	94.9	95.8	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	81.6	91.1	92.8	94.4	95.3	95.5	96.6	97.0	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	81.6	91.1	92.9	94.7	95.9	96.2	97.5	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	81.6	91.1	93.0	94.8	96.0	96.4	97.9	98.5	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	81.6	91.1	93.0	94.8	96.1	96.5	98.1	98.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	81.6	91.1	93.1	94.9	96.2	96.6	98.1	98.8	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	81.6	91.1	93.1	94.9	96.2	96.6	98.1	98.9	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0
≥ 100	81.6	91.1	93.1	94.9	96.2	96.6	98.1	98.9	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0
0	81.6	91.1	93.1	94.9	96.2	96.6	98.1	98.9	99.1	99.7	99.8	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1722

USAFETAC FORM JX 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	20.9	21.6	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 20000	31.5	32.4	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 18000	31.6	32.5	33.0	33.1	33.1	33.1	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 16000	31.6	32.5	33.0	33.1	33.1	33.1	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 14000	32.7	33.7	34.2	34.4	34.4	34.4	34.5	34.5	34.5	34.7	34.7	34.7	34.7	34.7	34.7	34.7
≥ 12000	34.1	35.2	35.6	35.9	35.9	35.9	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 10000	35.8	37.1	37.6	37.9	37.9	37.9	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 9000	36.9	38.3	38.8	39.1	39.1	39.1	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 8000	38.8	40.4	40.8	41.1	41.1	41.1	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 7000	42.0	44.2	44.6	44.9	45.1	45.1	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 6000	43.9	45.6	46.1	46.5	46.7	46.7	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 5000	47.3	49.3	49.7	50.1	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 4500	50.5	52.6	53.1	53.4	53.6	53.6	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 4000	55.8	58.1	58.6	59.0	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3500	61.2	64.2	64.6	65.0	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3000	69.3	72.5	73.1	73.6	73.9	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2500	79.7	83.2	83.8	84.4	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	84.8	89.1	89.7	90.5	90.8	90.8	91.1	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1800	85.6	89.8	90.5	91.2	91.6	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	87.7	92.5	93.3	94.2	94.6	94.7	95.0	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	87.8	93.1	94.0	95.0	95.7	95.8	96.1	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	88.1	93.6	94.7	95.7	96.5	96.8	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 900	88.1	94.0	95.1	96.3	97.0	97.3	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	88.2	94.4	95.6	96.9	97.7	98.1	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	88.2	94.4	95.6	97.0	97.9	98.3	98.7	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	88.2	94.4	95.8	97.3	98.1	98.6	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.2	94.4	95.9	97.4	98.3	98.8	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	25.5	26.3	26.7	26.7	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 20000	37.5	38.6	39.1	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000	37.9	39.0	39.5	39.5	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 16000	38.1	39.2	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000	40.1	41.2	41.7	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 12000	41.7	42.8	43.3	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 10000	44.3	45.4	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	45.7	46.9	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 8000	48.3	49.5	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 7000	54.2	55.6	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 6000	57.1	58.5	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	59.2
≥ 5000	61.2	62.7	63.2	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4500	64.1	65.7	66.2	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4000	70.1	71.9	72.4	72.4	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3500	74.9	76.8	77.4	77.5	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3000	80.9	82.9	83.6	83.7	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 2500	85.5	88.1	88.9	89.0	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2000	88.7	91.8	93.0	93.1	93.3	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1800	89.3	92.7	93.9	94.0	94.2	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	90.2	94.1	95.4	95.6	95.7	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1200	90.5	94.9	96.3	96.7	96.8	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	90.8	95.2	96.7	97.5	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	90.8	95.3	96.8	97.7	98.1	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	90.8	95.4	96.9	97.8	98.3	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	90.8	95.4	96.9	97.8	98.4	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	90.8	95.5	97.0	98.0	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	90.8	95.6	97.2	98.1	98.9	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	90.8	95.6	97.2	98.1	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.8	95.6	97.2	98.1	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.8	95.6	97.2	98.1	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.8	95.6	97.2	98.1	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.8	95.6	97.2	98.1	98.9	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1079

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	40.9	31.5	31.9	32.1	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 20000	41.0	42.0	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 18000	41.5	42.5	43.1	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 16000	42.2	43.2	43.9	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 14000	43.2	44.4	45.0	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 12000	44.6	45.8	46.5	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
≥ 10000	47.7	48.9	49.5	49.7	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	49.8	51.2	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 8000	53.9	55.6	56.3	56.5	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	59.7	61.9	62.7	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 6000	62.8	64.9	65.8	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 5000	65.8	69.1	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 4500	68.8	71.7	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 4000	73.3	76.7	77.7	78.0	78.2	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 3500	77.0	80.6	81.7	82.1	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000	81.5	85.9	86.9	87.4	87.9	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2500	85.6	90.5	91.6	92.1	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	87.5	94.2	95.5	96.0	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	87.7	94.6	95.9	96.5	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	87.8	95.3	96.7	97.4	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	88.1	95.8	97.4	98.1	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	88.1	95.9	97.5	98.2	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	88.2	96.0	97.7	98.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	88.3	96.1	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	88.3	96.1	97.8	98.5	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.3	96.2	97.9	98.6	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.3	96.2	98.0	98.7	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	88.3	96.2	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.3	96.2	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.3	96.2	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.3	96.2	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.3	96.2	98.1	98.8	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅝	≥5/16	≥¼	≥0
NO CEILING	40.4	41.8	42.8	43.2	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 20000	46.7	48.4	49.5	50.0	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000	46.7	48.4	49.5	50.0	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 16000	46.9	48.6	49.7	50.2	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 14000	47.0	48.9	50.0	50.5	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 12000	47.7	49.8	50.8	51.4	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 10000	50.9	53.3	54.4	54.9	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 9000	52.3	54.7	55.9	56.5	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	55.8	58.8	60.2	60.8	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	59.8	63.2	64.9	65.6	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 6000	61.8	65.6	67.5	68.3	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	65.0	69.0	70.8	71.7	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	67.6	72.2	74.1	74.9	75.8	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 4000	70.3	76.1	78.1	78.9	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3500	74.4	80.7	82.7	83.5	84.4	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3000	77.4	84.6	86.6	87.5	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	81.7	89.5	91.7	92.5	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	84.2	93.1	95.5	96.5	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	84.4	93.3	95.7	96.7	97.6	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1500	84.5	93.5	96.2	97.2	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	84.8	94.1	96.7	97.8	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	85.0	94.3	97.0	98.1	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	85.0	94.4	97.1	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	85.0	94.4	97.1	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	85.0	94.4	97.1	98.2	99.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	85.0	94.4	97.2	98.3	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	85.0	94.4	97.2	98.3	99.2	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1048

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-69 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	46.0	52.8	53.2	53.5	54.0	54.0	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	49.6	56.9	57.3	57.6	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 18000	49.9	57.0	57.4	57.7	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 16000	50.2	57.3	57.7	58.0	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 14000	50.5	57.6	58.0	58.3	58.7	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 12000	52.2	59.3	59.7	60.0	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	53.8	60.9	61.3	61.6	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 9000	55.2	62.4	62.8	63.1	63.5	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 8000	58.8	66.4	66.8	67.1	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 7000	62.0	70.5	70.9	71.2	71.6	71.6	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 6000	64.1	72.8	73.2	73.5	73.9	73.9	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 5000	67.8	77.2	77.8	78.1	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	71.1	80.6	81.2	81.5	81.9	81.9	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4000	72.5	83.0	83.7	84.0	84.4	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	74.5	85.7	86.5	86.8	87.2	87.2	87.3	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	76.0	87.6	88.4	88.7	89.1	89.1	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	77.7	90.2	91.2	91.6	92.1	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2000	79.5	92.8	94.1	94.5	95.0	95.0	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800	79.9	93.2	94.5	94.9	95.4	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	80.7	94.2	95.5	95.9	96.5	96.5	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200	81.4	95.0	96.6	97.0	97.5	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	81.9	95.7	97.3	97.7	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	81.9	95.9	97.7	98.1	98.7	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	81.9	96.0	97.9	98.3	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	81.9	96.0	97.9	98.3	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	81.9	96.0	97.9	98.3	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	81.9	96.0	97.9	98.3	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	81.9	96.1	98.0	98.4	99.1	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	81.9	96.1	98.0	98.4	99.1	99.2	99.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	81.9	96.1	98.0	98.4	99.1	99.2	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 100	81.9	96.1	98.0	98.4	99.1	99.2	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
0	81.9	96.1	98.0	98.4	99.1	99.2	99.3	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 946

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.4	39.0	40.2	40.5	41.1	41.3	41.8	42.0	42.1	42.1	42.3	42.3	42.4	42.4	42.6	42.6
≥ 20000	38.6	43.6	45.0	45.3	45.9	46.2	46.6	46.8	46.9	46.9	47.1	47.1	47.3	47.3	47.5	47.5
≥ 18000	38.7	43.7	45.1	45.4	46.0	46.3	46.7	46.9	47.0	47.0	47.2	47.2	47.4	47.4	47.6	47.6
≥ 16000	38.8	43.8	45.2	45.5	46.1	46.4	46.8	47.0	47.1	47.1	47.3	47.3	47.5	47.5	47.7	47.7
≥ 14000	40.2	45.4	46.7	47.0	47.6	47.9	48.4	48.6	48.7	48.7	48.9	48.9	49.1	49.1	49.3	49.3
≥ 12000	41.6	46.8	48.3	48.6	49.2	49.5	50.0	50.1	50.2	50.2	50.4	50.4	50.6	50.6	50.8	50.8
≥ 10000	42.8	48.2	49.7	50.0	50.5	50.8	51.3	51.5	51.6	51.6	51.8	51.8	52.0	52.0	52.2	52.2
≥ 9000	43.8	49.5	50.9	51.2	51.8	52.1	52.6	52.8	52.9	52.9	53.1	53.1	53.3	53.3	53.4	53.4
≥ 8000	48.4	54.4	55.9	56.2	56.8	57.0	57.5	57.7	57.8	57.8	58.0	58.0	58.2	58.2	58.4	58.4
≥ 7000	50.7	57.0	58.5	58.8	59.4	59.7	60.2	60.3	60.4	60.4	60.6	60.6	60.9	60.9	61.1	61.1
≥ 6000	53.0	59.8	61.2	61.5	62.1	62.4	62.9	63.1	63.2	63.2	63.4	63.4	63.7	63.7	63.8	63.8
≥ 5000	57.3	65.1	66.7	67.0	67.5	67.8	68.3	68.5	68.6	68.6	68.8	68.8	69.1	69.1	69.2	69.2
≥ 4500	60.2	68.5	70.1	70.4	70.9	71.2	71.7	71.9	72.0	72.0	72.2	72.2	72.5	72.5	72.7	72.7
≥ 4000	62.8	71.4	73.0	73.3	73.9	74.1	74.6	74.8	74.9	74.9	75.1	75.1	75.4	75.4	75.6	75.6
≥ 3500	66.3	75.0	76.6	77.0	77.6	77.8	78.3	78.5	78.6	78.6	78.8	78.8	79.1	79.1	79.3	79.3
≥ 3000	68.1	77.3	78.9	79.5	80.1	80.5	81.0	81.1	81.2	81.2	81.4	81.4	81.7	81.7	81.9	81.9
≥ 2500	70.9	80.2	81.9	82.6	83.3	83.7	84.2	84.4	84.5	84.5	84.6	84.6	84.9	84.9	85.1	85.1
≥ 2000	73.3	83.5	85.4	86.2	87.1	87.5	87.9	88.1	88.2	88.2	88.4	88.4	88.7	88.7	88.9	88.9
≥ 1800	74.1	84.6	86.6	87.4	88.2	88.6	89.1	89.3	89.4	89.4	89.6	89.6	89.9	89.9	90.1	90.1
≥ 1500	75.6	86.7	88.6	89.4	90.4	90.8	91.3	91.4	91.5	91.5	91.7	91.7	92.0	92.0	92.2	92.2
≥ 1200	77.5	88.9	90.9	91.6	92.6	93.0	93.5	93.7	93.8	93.9	94.1	94.1	94.4	94.4	94.6	94.6
≥ 1000	78.1	89.9	91.9	92.7	93.7	94.1	94.7	94.8	94.9	95.0	95.2	95.2	95.5	95.5	95.7	95.7
≥ 900	78.2	90.4	92.5	93.3	94.3	94.7	95.2	95.4	95.5	95.6	95.8	95.8	96.1	96.1	96.3	96.3
≥ 800	78.4	90.9	93.2	94.0	94.9	95.3	95.9	96.1	96.2	96.4	96.6	96.6	96.9	96.9	97.1	97.1
≥ 700	78.4	90.9	93.2	94.0	94.9	95.3	95.9	96.1	96.2	96.4	96.6	96.6	96.9	96.9	97.1	97.1
≥ 600	78.4	91.3	93.6	94.4	95.3	95.7	96.3	96.5	96.6	96.8	97.0	97.0	97.3	97.3	97.5	97.5
≥ 500	78.4	91.8	94.2	94.9	95.9	96.3	97.0	97.2	97.3	97.5	97.7	97.7	98.0	98.0	98.3	98.3
≥ 400	78.5	92.1	94.5	95.2	96.2	96.6	97.3	97.5	97.6	97.9	98.1	98.1	98.3	98.3	98.6	98.8
≥ 300	78.5	92.2	94.7	95.4	96.4	96.8	97.5	97.7	97.8	98.1	98.3	98.3	98.5	98.5	98.6	99.0
≥ 200	78.5	92.2	94.7	95.4	96.4	96.8	97.5	97.7	97.8	98.1	98.3	98.3	98.5	98.6	99.1	99.5
≥ 100	78.5	92.2	94.7	95.4	96.4	96.8	97.5	97.7	97.9	98.2	98.3	98.3	98.6	98.7	99.2	99.8
0	78.5	92.2	94.7	95.4	96.4	96.8	97.5	97.7	97.9	98.2	98.3	98.3	98.6	98.7	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1029

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	29.4	32.3	32.9	33.7	34.2	34.3	34.6	34.7	34.7	34.7	34.9	35.1	35.1	35.1	35.2	35.2
≥ 20000	35.5	38.7	39.6	40.7	41.4	41.6	42.0	42.1	42.1	42.1	42.2	42.4	42.4	42.4	42.5	42.5
≥ 18000	35.5	38.7	39.6	40.7	41.4	41.6	42.0	42.1	42.1	42.1	42.2	42.4	42.4	42.4	42.5	42.5
≥ 16000	35.7	38.8	39.8	40.9	41.6	41.8	42.2	42.2	42.2	42.2	42.4	42.6	42.6	42.6	42.7	42.7
≥ 14000	36.9	40.0	41.0	42.1	42.8	43.0	43.3	43.4	43.4	43.4	43.6	43.8	43.8	43.8	43.9	43.9
≥ 12000	37.5	40.7	41.7	42.8	43.5	43.7	44.0	44.1	44.1	44.1	44.3	44.5	44.5	44.5	44.6	44.6
≥ 10000	39.3	42.5	43.6	44.7	45.4	45.6	45.9	46.0	46.0	46.0	46.2	46.4	46.4	46.4	46.5	46.5
≥ 9000	40.5	44.3	45.4	46.5	47.2	47.4	47.7	47.8	47.8	47.8	48.0	48.2	48.2	48.2	48.3	48.3
≥ 8000	44.9	48.7	49.8	50.9	51.6	51.7	52.1	52.2	52.2	52.2	52.4	52.6	52.6	52.6	52.6	52.6
≥ 7000	47.8	51.8	52.9	54.0	54.7	54.9	55.2	55.1	55.3	55.3	55.5	55.7	55.7	55.7	55.8	55.8
≥ 6000	50.4	54.7	55.8	56.9	57.6	57.8	58.1	58.2	58.2	58.2	58.4	58.6	58.6	58.6	58.7	58.7
≥ 5000	53.8	58.9	60.2	61.3	62.1	62.2	62.6	62.7	62.7	62.7	62.9	63.1	63.0	63.0	63.1	63.1
≥ 4500	56.5	62.0	63.2	64.3	65.2	65.4	65.8	65.9	65.9	65.9	66.1	66.3	66.3	66.3	66.4	66.4
≥ 4000	60.1	65.7	66.9	68.1	69.0	69.1	69.6	69.8	69.8	69.8	70.0	70.1	70.1	70.1	70.2	70.2
≥ 3500	62.4	68.2	69.5	70.7	71.6	71.7	72.2	72.4	72.4	72.4	72.6	72.7	72.7	72.7	72.8	72.8
≥ 3000	65.1	71.2	72.6	73.8	74.7	74.9	75.4	75.6	75.6	75.6	75.8	76.0	76.0	76.0	76.1	76.1
≥ 2500	68.5	75.0	76.6	78.0	78.9	79.2	79.7	79.9	79.9	79.9	80.1	80.3	80.3	80.3	80.4	80.4
≥ 2000	72.1	79.0	80.6	82.1	83.0	83.3	83.9	84.0	84.0	84.0	84.2	84.4	84.4	84.4	84.5	84.5
≥ 1800	72.9	80.1	81.7	83.1	84.2	84.5	85.0	85.2	85.2	85.2	85.4	85.6	85.6	85.6	85.7	85.7
≥ 1500	75.5	83.6	85.3	86.7	87.9	88.2	88.7	88.9	88.9	88.9	89.1	89.2	89.2	89.2	89.3	89.3
≥ 1200	77.5	86.1	88.0	89.4	90.6	90.9	91.5	91.7	91.7	91.7	91.8	92.0	92.0	92.0	92.1	92.1
≥ 1000	78.0	87.0	88.9	90.3	91.5	91.8	92.5	92.6	92.6	92.6	92.8	93.0	93.0	93.0	93.1	93.1
≥ 900	78.2	87.5	89.5	91.0	92.2	92.6	93.3	93.5	93.5	93.5	93.6	93.8	93.8	93.8	93.9	93.9
≥ 800	78.4	88.0	90.1	91.7	92.9	93.3	94.0	94.2	94.2	94.2	94.3	94.5	94.5	94.5	94.6	94.6
≥ 700	78.9	88.6	90.9	92.5	93.7	94.1	94.9	95.2	95.2	95.2	95.3	95.5	95.5	95.5	95.6	95.6
≥ 600	78.9	88.7	91.3	93.0	94.3	94.7	95.5	95.8	95.8	95.9	96.1	96.2	96.2	96.2	96.3	96.3
≥ 500	78.9	88.7	91.4	93.1	94.4	94.8	95.7	96.0	96.0	96.1	96.2	96.4	96.5	96.5	96.6	96.6
≥ 400	78.9	88.8	91.6	93.4	95.0	95.3	96.2	96.5	96.5	96.7	97.1	97.1	97.4	97.4	97.6	97.6
≥ 300	78.9	88.9	91.7	93.5	95.2	95.5	96.6	96.9	96.9	97.1	97.7	97.8	98.1	98.2	98.3	98.5
≥ 200	78.9	88.9	91.7	93.5	95.2	95.5	96.6	96.9	96.9	97.1	97.8	98.1	98.4	98.6	99.1	99.3
≥ 100	78.9	88.9	91.7	93.5	95.2	95.5	96.6	96.9	96.9	97.1	97.9	98.3	98.6	98.7	99.3	99.9
0	78.9	88.9	91.7	93.5	95.2	95.5	96.6	96.9	96.9	97.1	97.9	98.3	98.6	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1119

USAFETAC FORM NO. 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	27.7	30.1	30.4	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
≥ 20000	33.6	36.3	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 18000	33.6	36.3	36.6	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 16000	34.0	36.6	36.9	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 14000	35.5	38.2	38.4	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 12000	36.7	39.5	39.8	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
≥ 10000	38.4	41.3	41.6	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
≥ 9000	40.0	42.8	43.1	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 8000	40.8	43.6	43.9	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 7000	42.9	46.1	46.4	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
≥ 6000	44.2	47.5	47.8	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 5000	45.9	49.4	49.7	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
≥ 4500	48.0	51.8	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4000	51.5	55.6	56.1	56.4	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 3500	56.6	61.1	61.6	61.8	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3000	64.8	69.8	70.3	70.6	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 2500	71.9	77.2	77.8	78.0	78.4	78.4	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 2000	80.9	87.2	87.9	88.3	88.6	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	82.3	88.8	89.5	89.9	90.2	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	85.4	92.7	93.4	93.9	94.3	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	86.2	94.2	95.0	95.5	95.9	95.9	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	86.5	94.7	95.9	96.6	97.0	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	86.6	95.1	96.2	97.1	97.5	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 800	86.6	95.4	96.6	97.5	97.8	97.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	86.6	95.8	97.2	98.1	98.5	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	86.6	95.9	97.3	98.2	98.7	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	86.6	95.9	97.3	98.2	98.7	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	86.6	95.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	86.6	95.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	86.6	95.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	86.6	95.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	86.6	95.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1114

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	33.9	34.4	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	43.3	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
≥ 18000	43.4	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 16000	43.4	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 14000	44.5	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 12000	46.4	47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	48.1	48.7	48.9	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
≥ 9000	48.7	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 8000	50.4	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
≥ 7000	52.1	53.0	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	53.5	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
≥ 5000	56.6	57.8	58.0	58.0	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	58.7	59.9	60.0	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
≥ 4000	61.6	62.9	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 3500	69.0	70.5	70.7	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 3000	78.8	80.5	80.6	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 2500	85.9	88.1	88.3	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	91.7	94.6	94.8	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	92.5	95.6	95.8	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	93.5	96.9	97.1	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	93.7	97.4	97.8	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	93.9	97.9	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	93.9	97.9	98.4	98.9	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	93.9	97.9	98.4	98.9	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	97.9	98.4	99.0	99.4	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) JAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	38.0	38.0	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 20000	50.7	50.8	50.9	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 18000	51.1	51.2	51.3	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 16000	51.8	51.9	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
≥ 14000	53.0	53.0	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 12000	54.5	54.7	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
≥ 10000	58.2	58.4	58.5	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 9000	58.5	58.7	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 8000	60.5	60.9	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 7000	64.0	64.5	64.6	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 6000	67.6	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 5000	72.0	72.8	72.9	73.0	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4500	74.3	75.4	75.5	75.7	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	77.7	79.0	79.3	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	82.3	83.9	84.3	84.5	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	88.8	90.9	91.3	91.5	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	92.0	94.6	95.3	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	93.6	96.3	97.0	97.2	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	94.1	96.9	97.5	97.8	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	94.7	97.7	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	94.7	97.7	98.3	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	94.7	97.8	98.6	99.0	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	94.7	97.8	98.6	99.0	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	94.7	97.8	98.6	99.0	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.7	97.8	98.6	99.1	99.5	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) JAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1600-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	44.4	44.9	44.9	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 20000	56.9	57.4	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 18000	56.9	57.4	57.4	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 16000	57.1	57.6	57.6	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 14000	58.6	59.1	59.1	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 12000	60.2	60.8	60.8	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000	63.0	63.6	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 9000	64.1	64.7	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 8000	67.0	67.7	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 7000	72.2	72.9	72.9	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 6000	75.5	76.5	76.5	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 5000	80.1	81.1	81.1	81.5	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4500	83.5	84.7	84.7	85.0	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 4000	86.7	88.3	88.4	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	89.7	91.7	91.8	92.4	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	91.8	94.4	94.6	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500	92.9	95.7	96.1	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	94.4	97.2	97.6	98.2	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	94.4	97.2	97.7	98.3	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	94.6	97.5	98.0	98.7	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	94.7	97.7	98.2	98.9	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	94.7	97.7	98.2	98.9	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.7	97.7	98.2	99.0	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	53.0	54.4	54.6	54.8	55.3	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 20000	60.0	61.4	61.6	61.8	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 18000	60.1	61.5	61.7	61.9	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000	60.1	61.5	61.7	61.9	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	61.3	62.8	63.0	63.2	63.7	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000	62.6	64.2	64.4	64.6	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 10000	64.7	66.6	66.8	67.0	67.5	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 9000	65.6	67.6	67.8	68.0	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 8000	69.7	71.8	72.0	72.2	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 7000	74.2	76.4	76.8	77.0	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 6000	77.7	79.9	80.3	80.5	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000	82.2	84.6	85.0	85.2	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	84.8	87.4	87.8	88.0	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	86.5	89.6	90.1	90.3	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3500	88.4	91.8	92.5	92.7	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000	89.4	93.6	94.4	94.6	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500	90.6	94.8	95.7	96.0	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	91.9	96.4	97.3	97.6	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800	92.0	96.5	97.4	97.7	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	92.4	96.9	97.8	98.1	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	92.5	97.1	98.0	98.3	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	92.5	97.1	98.1	98.4	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.5	97.1	98.1	98.7	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1227

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION [illegible] 39-40,60-68 YEARS JUN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	[illegible]	[illegible]	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 20000	[illegible]	[illegible]	61.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 15000	5.9	60.5	60.9	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	5.9	60.5	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 10000	[illegible]	60.7	61.3	61.4	61.6	61.7	61.7	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 9000	[illegible]	62.1	62.4	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
≥ 8000	[illegible]	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	[illegible]	64.9	65.2	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 6500	[illegible]	[illegible]	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	[illegible]	[illegible]	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 5500	68.1	74.5	75.6	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 5000	71.4	78.3	78.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 4500	72.6	79.5	80.1	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4000	74.8	81.7	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500	77.4	84.3	84.7	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3000	79.0	85.9	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	82.1	89.3	89.9	90.3	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	84.4	92.5	93.2	93.7	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	85.0	93.1	93.8	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	85.9	94.0	94.7	95.2	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	86.3	94.7	95.6	96.3	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	87.0	95.4	96.3	97.0	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 900	87.1	95.6	96.5	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	87.2	96.0	96.9	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	87.3	96.3	97.3	98.1	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	87.4	96.5	97.7	98.7	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	87.5	96.6	98.0	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	87.5	96.7	98.2	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.5	96.7	98.2	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.5	96.7	98.2	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.5	96.7	98.2	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.5	96.7	98.2	99.2	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 949

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUNE (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	34.4	39.3	40.9	41.2	41.6	41.7	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2
≥ 20000	38.3	43.5	45.1	45.5	45.9	46.0	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
≥ 18000	38.3	43.5	45.1	45.5	45.9	46.0	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
≥ 16000	38.9	44.3	45.9	46.3	46.7	46.8	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2
≥ 14000	39.5	45.0	46.6	47.0	47.3	47.4	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
≥ 12000	40.9	46.4	48.0	48.4	48.8	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.4
≥ 10000	42.0	48.4	50.0	50.4	50.8	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.4
≥ 9000	43.4	49.7	50.9	51.2	51.6	51.7	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.3
≥ 8000	45.7	51.8	53.4	53.8	54.2	54.3	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.9
≥ 7000	48.5	54.8	56.5	56.9	57.2	57.3	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.9
≥ 6000	52.0	58.6	60.3	60.7	61.0	61.1	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.7
≥ 5000	57.3	65.1	67.0	67.5	67.9	68.0	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.6
≥ 4500	59.3	67.1	69.0	69.5	69.9	70.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.6
≥ 4000	61.9	69.9	71.8	72.4	72.8	72.9	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.4
≥ 3500	66.2	74.3	76.2	76.8	77.1	77.2	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
≥ 3000	69.4	77.7	79.6	80.2	80.6	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
≥ 2500	71.4	80.2	82.1	82.7	83.0	83.1	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.8
≥ 2000	74.5	84.0	86.0	86.6	87.1	87.2	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0
≥ 1800	75.3	85.0	87.0	87.6	88.2	88.3	88.6	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
≥ 1500	76.3	86.2	88.3	88.9	89.5	89.6	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.5
≥ 1200	77.4	87.8	90.1	90.7	91.4	91.5	91.8	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.5
≥ 1000	78.2	88.8	91.0	91.6	92.7	92.8	93.0	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.6	93.7
≥ 900	78.5	89.2	91.8	92.5	93.5	93.6	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.6
≥ 800	79.0	90.0	92.7	93.4	94.6	94.7	95.0	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.6
≥ 700	79.1	90.4	93.0	93.8	95.1	95.2	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.3
≥ 600	79.6	91.3	94.0	94.8	96.1	96.2	96.5	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.2
≥ 500	80.0	91.8	94.6	95.4	96.9	97.0	97.4	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.2
≥ 400	80.0	91.9	94.7	95.8	97.4	97.6	98.2	98.5	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 300	80.0	91.9	94.7	95.8	97.5	97.7	98.3	98.6	98.8	99.0	99.1	99.1	99.1	99.1	99.2	99.3
≥ 200	80.0	91.9	94.7	95.8	97.5	97.8	98.4	98.8	99.0	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 100	80.0	91.9	94.7	95.8	97.5	97.8	98.5	98.9	99.0	99.3	99.4	99.5	99.6	99.6	99.7	99.9
≥ 0	80.0	91.9	94.7	95.8	97.5	97.8	98.5	98.9	99.0	99.3	99.4	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1020

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0400-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	28.0	32.4	33.4	33.9	34.6	34.6	34.8	34.8	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.2
≥ 20000	32.6	36.8	37.8	38.3	39.0	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.3	39.4	39.6
≥ 18000	32.7	37.0	38.0	38.5	39.2	39.2	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.6	39.7	39.8
≥ 16000	33.2	37.5	38.5	39.1	39.7	39.7	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.1	40.2	40.3
≥ 14000	34.2	38.5	39.6	40.1	40.8	40.8	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.2	41.4
≥ 12000	36.0	40.3	41.4	41.9	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.9	43.0	43.2
≥ 10000	37.1	41.5	42.5	43.0	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.1	44.2	44.4
≥ 9000	38.4	42.8	43.8	44.4	45.1	45.1	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.6	45.7
≥ 8000	40.0	44.4	45.5	46.0	46.8	46.8	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.1	47.2	47.4
≥ 7000	43.2	47.7	48.7	49.2	50.0	50.0	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.4	50.6
≥ 6000	45.9	50.3	51.4	51.9	52.6	52.6	52.8	52.8	52.8	52.9	52.9	52.9	52.9	53.0	53.1	53.2
≥ 5000	49.2	54.2	55.3	55.8	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	57.0	57.2
≥ 4500	50.6	55.6	56.7	57.2	57.9	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.4	58.5
≥ 4000	53.9	59.1	60.3	60.8	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	62.0	62.1
≥ 3500	57.3	62.8	63.9	64.4	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.6	65.6	65.8
≥ 3000	61.3	67.4	68.6	69.1	69.9	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.5
≥ 2500	64.3	70.8	72.4	73.0	73.8	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.2	74.3	74.4
≥ 2000	69.0	75.9	77.8	78.5	79.4	79.5	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.1	80.3
≥ 1800	70.1	77.0	79.0	79.7	80.6	80.7	80.9	81.0	81.0	81.2	81.2	81.2	81.2	81.3	81.4	81.5
≥ 1500	71.9	78.8	80.9	81.7	82.6	82.6	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.5
≥ 1200	74.7	82.6	84.9	85.7	86.7	86.8	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.4	87.4	87.6
≥ 1000	75.7	83.8	86.2	87.0	88.0	88.1	88.4	88.5	88.5	88.7	88.7	88.7	88.8	88.9	89.0	89.1
≥ 900	76.7	85.2	87.6	88.6	89.7	89.8	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.7	90.8	90.9
≥ 800	77.4	86.8	89.2	90.3	91.5	91.5	91.9	92.1	92.1	92.3	92.3	92.3	92.4	92.5	92.6	92.7
≥ 700	77.9	87.9	90.5	91.8	93.1	93.2	93.5	93.9	93.9	94.1	94.1	94.1	94.2	94.3	94.4	94.5
≥ 600	77.9	88.1	90.9	92.6	93.9	94.1	94.4	94.9	94.9	95.0	95.0	95.0	95.1	95.2	95.3	95.5
≥ 500	78.1	88.7	91.6	93.5	95.0	95.3	96.1	96.7	96.7	96.8	96.8	96.8	96.9	97.0	97.1	97.3
≥ 400	78.1	88.7	91.8	94.1	95.6	96.1	97.0	97.9	98.1	98.3	98.3	98.3	98.4	98.5	98.5	98.7
≥ 300	78.1	88.7	91.8	94.1	95.6	96.1	97.2	98.2	98.6	98.9	98.9	98.9	99.0	99.1	99.1	99.3
≥ 200	78.1	88.7	91.8	94.1	95.6	96.1	97.2	98.2	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.5
≥ 100	78.1	88.7	91.8	94.1	95.6	96.1	97.2	98.2	98.6	98.9	99.0	99.0	99.1	99.4	99.5	99.9
≥ 0	78.1	88.7	91.8	94.1	95.6	96.1	97.2	98.2	98.6	98.9	99.0	99.0	99.1	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	32.7	34.9	35.3	35.6	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	36.9	39.4	39.8	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	37.0	39.7	40.2	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	37.1	39.7	40.3	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	37.6	40.3	40.8	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 12000	39.4	42.1	42.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 10000	40.7	43.5	44.0	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 9000	41.8	44.8	45.3	45.8	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	42.8	45.8	46.3	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 7000	45.0	48.0	48.5	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
≥ 6000	45.9	49.0	49.5	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
≥ 5000	48.5	51.5	52.1	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
≥ 4500	49.3	52.4	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 4000	53.2	56.4	57.3	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 3500	56.2	59.5	60.3	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 3000	61.5	64.8	65.6	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 2500	70.3	74.1	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 2000	78.1	82.7	83.6	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1800	80.7	85.3	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 1500	83.4	88.5	89.6	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	85.9	91.6	92.8	93.6	93.8	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	86.6	93.0	94.5	95.5	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	86.8	93.6	95.4	96.4	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	87.0	93.9	96.0	97.2	97.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	87.0	94.1	96.3	97.7	98.3	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	87.0	94.2	96.4	98.0	98.9	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	87.0	94.3	96.6	98.2	99.1	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.0	94.3	96.6	98.2	99.2	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.0	94.3	96.6	98.2	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.0	94.3	96.6	98.2	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.0	94.3	96.6	98.2	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.0	94.3	96.6	98.2	99.2	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.7	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	39.3
≥ 20000	45.5	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 18000	45.5	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 16000	45.5	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 14000	46.5	47.1	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
≥ 12000	49.1	49.8	49.8	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
≥ 10000	50.6	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 9000	51.4	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	53.1	53.9	53.9	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
≥ 7000	55.0	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 6000	56.7	57.7	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
≥ 5000	58.7	60.1	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 4500	61.3	62.8	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	65.6	67.1	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 3500	72.0	73.7	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 3000	79.1	81.5	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 2500	85.4	88.4	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2000	90.7	94.1	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	91.5	95.0	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	92.1	95.8	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	92.3	96.6	97.4	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	92.5	97.2	98.0	98.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	92.6	97.4	98.3	98.5	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	92.6	97.6	98.5	98.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	92.6	97.6	98.5	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	97.6	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1170

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	44.3	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
≥ 20000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 18000	52.1	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	52.2	52.2
≥ 16000	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	52.4
≥ 14000	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	53.8
≥ 12000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 10000	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 9000	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 7000	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	67.9	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	71.1	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	75.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3500	80.9	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
≥ 3000	87.4	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 2500	90.6	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
≥ 2000	92.9	95.0	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	93.2	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1500	93.8	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 1200	94.1	97.1	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 1000	94.3	97.5	98.0	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 900	94.4	97.7	98.2	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 800	94.4	97.9	98.5	98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 700	94.4	98.0	98.6	98.9	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.4	99.6	99.6	99.6	99.6
≥ 600	94.4	98.0	98.6	98.9	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 500	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	94.4	98.0	98.6	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.1	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 20000	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 18000	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 14000	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 12000	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 10000	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 9000	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 8000	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 6000	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 5000	77.8	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	81.3	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	83.5	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 3500	86.4	87.8	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	90.3	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	92.8	95.4	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	94.2	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800	94.2	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	94.3	97.1	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1200	94.4	97.5	98.0	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	94.5	97.7	98.2	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	94.7	97.9	98.4	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.8	98.0	98.5	99.2	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	94.8	98.0	98.6	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	94.8	98.0	98.6	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	94.8	98.0	98.6	99.5	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1170

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	56.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 20000	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 18000	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 16000	63.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 14000	64.0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 12000	64.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 10000	66.2	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 9000	67.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	70.4	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 7000	73.2	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	75.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000	78.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 4500	80.0	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 4000	82.2	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3500	84.8	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	86.4	90.1	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2500	89.0	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000	91.5	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	91.6	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	92.0	96.3	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	92.6	97.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	92.9	98.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.0	98.1	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	93.1	98.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	93.1	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	93.1	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	98.3	99.4	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1040

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	64.3	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 20000	66.8	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	66.8	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 16000	66.8	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 14000	67.3	72.5	72.5	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	67.5	72.7	72.7	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000	69.7	74.9	74.9	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 9000	70.4	75.6	75.6	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 8000	72.3	77.5	77.5	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000	74.0	79.2	79.2	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	75.9	81.1	81.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 5000	78.2	83.9	83.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500	80.4	86.1	86.1	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 4000	81.7	87.4	87.4	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	83.6	89.7	89.7	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	85.8	92.1	92.2	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 2500	87.1	93.7	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 2000	88.1	95.3	95.5	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1800	88.4	95.8	96.1	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	89.0	96.4	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	89.8	97.4	97.8	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	90.0	97.6	98.0	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	90.0	97.7	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	90.0	97.8	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	90.0	98.2	98.6	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	90.2	98.5	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	90.2	98.6	99.0	99.4	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	90.2	98.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	90.2	98.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	90.2	98.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.2	98.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.2	98.6	99.0	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 296

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	44.6	49.8	50.8	50.8	51.4	51.4	51.5	51.5	51.5	51.5	51.6	51.6	51.8	51.8	51.8	51.8
≥ 20000	47.5	53.0	54.0	54.0	54.6	54.6	54.7	54.7	54.7	54.8	54.9	54.9	55.1	55.1	55.1	55.1
≥ 18000	47.5	53.0	54.0	54.0	54.6	54.6	54.7	54.7	54.7	54.8	54.9	54.9	55.1	55.1	55.1	55.1
≥ 16000	47.8	53.3	54.3	54.3	54.9	54.9	55.0	55.0	55.0	55.1	55.2	55.2	55.4	55.4	55.4	55.4
≥ 14000	48.8	54.3	55.2	55.3	56.0	56.0	56.0	56.0	56.0	56.1	56.2	56.2	56.4	56.4	56.4	56.4
≥ 12000	49.1	54.6	55.6	55.7	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.6	56.8	56.8	56.8	56.8
≥ 10000	50.6	56.1	57.1	57.2	57.8	57.8	57.9	57.9	57.9	58.0	58.1	58.1	58.3	58.3	58.3	58.3
≥ 9000	51.0	56.6	57.6	57.7	58.3	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.8	58.8	58.8	58.8
≥ 8000	53.7	59.3	60.2	60.3	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.5	61.5	61.5	61.5
≥ 7000	54.5	60.1	61.1	61.2	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.4	62.4	62.4	62.4
≥ 6000	56.6	62.2	63.1	63.2	64.0	64.0	64.1	64.1	64.1	64.2	64.3	64.3	64.6	64.6	64.6	64.6
≥ 5000	59.8	65.9	66.8	66.9	67.7	67.7	67.8	67.8	67.8	67.9	68.0	68.0	68.2	68.2	68.2	68.2
≥ 4500	61.9	68.0	68.9	69.0	69.8	69.8	69.8	69.8	69.8	69.9	70.0	70.0	70.3	70.3	70.3	70.3
≥ 4000	64.1	70.2	71.2	71.3	72.0	72.0	72.1	72.1	72.1	72.2	72.3	72.3	72.6	72.6	72.6	72.6
≥ 3500	67.2	73.7	74.7	74.9	75.7	75.7	75.8	75.8	75.8	75.9	76.0	76.0	76.3	76.3	76.3	76.3
≥ 3000	71.0	77.6	78.5	78.7	79.7	79.7	79.8	79.8	79.8	79.9	80.0	80.0	80.2	80.2	80.2	80.2
≥ 2500	73.3	80.0	81.1	81.3	82.2	82.2	82.3	82.3	82.3	82.4	82.5	82.5	82.8	82.8	82.8	82.8
≥ 2000	76.1	82.9	84.0	84.2	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.8	85.8	85.8	85.8
≥ 1800	76.9	83.7	84.9	85.1	86.1	86.1	86.2	86.2	86.2	86.3	86.4	86.4	86.7	86.7	86.7	86.7
≥ 1500	79.1	86.0	87.2	87.4	88.5	88.5	88.6	88.6	88.6	88.8	88.8	88.8	89.1	89.1	89.1	89.1
≥ 1200	81.1	88.3	89.5	89.7	90.7	90.7	90.9	90.9	90.9	91.1	91.2	91.2	91.5	91.5	91.5	91.5
≥ 1000	81.8	89.0	90.5	90.6	91.7	91.7	91.9	92.0	92.0	92.2	92.3	92.3	92.6	92.6	92.6	92.6
≥ 900	82.1	89.7	91.1	91.3	92.3	92.3	92.5	92.6	92.6	92.8	93.0	93.0	93.3	93.3	93.3	93.3
≥ 800	82.4	90.5	92.0	92.2	93.3	93.3	93.5	93.6	93.6	93.8	94.0	94.0	94.2	94.2	94.2	94.2
≥ 700	82.6	90.8	92.3	92.8	94.0	94.0	94.1	94.2	94.2	94.5	94.7	94.7	95.0	95.0	95.0	95.0
≥ 600	83.3	92.1	93.6	94.0	95.4	95.4	95.6	95.7	95.7	95.9	96.1	96.1	96.4	96.4	96.4	96.4
≥ 500	83.3	92.2	93.9	94.4	95.7	95.8	96.1	96.2	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.1
≥ 400	83.3	92.6	94.6	95.5	96.8	96.9	97.2	97.4	97.5	97.8	98.0	98.0	98.3	98.3	98.3	98.3
≥ 300	83.3	92.6	94.6	95.5	96.9	97.2	97.5	97.8	98.0	98.3	98.5	98.5	98.8	98.8	98.9	98.9
≥ 200	83.3	92.6	94.7	95.6	97.0	97.4	97.7	98.0	98.2	98.8	99.1	99.1	99.4	99.4	99.5	99.5
≥ 100	83.3	92.6	94.7	95.6	97.0	97.4	97.8	98.2	98.4	99.0	99.2	99.2	99.6	99.6	99.6	99.9
≥ 0	83.3	92.6	94.7	95.6	97.0	97.4	97.8	98.2	98.4	99.0	99.2	99.2	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1098

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	38.2	40.9	42.0	42.3	42.6	42.6	42.6	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9
≥ 20000	41.4	44.7	46.0	46.4	46.6	46.6	46.7	46.7	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0
≥ 18000	41.6	44.9	46.3	46.6	46.9	46.9	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	41.7	45.0	46.4	46.7	47.0	47.0	47.0	47.0	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	42.0	45.4	46.8	47.1	47.4	47.4	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7
≥ 12000	42.8	46.3	47.6	48.0	48.2	48.2	48.3	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6
≥ 10000	44.2	47.7	49.1	49.4	49.7	49.7	49.7	49.7	49.8	49.8	50.0	50.0	50.0	50.0	50.0	50.0
≥ 9000	44.8	48.4	49.7	50.1	50.3	50.3	50.4	50.4	50.5	50.5	50.7	50.7	50.7	50.7	50.7	50.7
≥ 8000	46.6	50.3	51.6	51.9	52.2	52.2	52.3	52.3	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	47.7	51.5	52.9	53.2	53.5	53.5	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	49.6	53.7	55.1	55.4	55.7	55.7	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0
≥ 5000	51.9	56.3	57.6	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 4500	53.7	58.1	59.5	59.8	60.1	60.1	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000	56.7	61.3	62.8	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8
≥ 3500	58.3	63.2	64.7	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9
≥ 3000	60.8	65.9	67.4	68.0	68.4	68.4	68.4	68.4	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7
≥ 25	64.0	69.1	70.6	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	66.5	71.8	73.4	74.1	74.5	74.5	74.6	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9
≥ 1800	67.5	72.9	74.5	75.2	75.5	75.6	75.7	75.7	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0
≥ 1500	70.3	76.2	77.9	78.6	78.9	79.0	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 1200	74.5	80.7	82.5	83.3	83.7	83.8	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 1000	76.1	82.8	84.7	85.7	86.1	86.4	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 900	77.2	84.3	86.4	87.5	88.0	88.2	88.7	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0
≥ 800	77.6	84.9	87.1	88.3	89.0	89.3	89.7	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0
≥ 700	78.3	85.5	88.1	89.4	90.2	90.4	90.9	91.0	91.1	91.2	91.4	91.5	91.5	91.5	91.5	91.5
≥ 600	78.8	86.1	88.8	90.4	91.1	91.3	92.4	92.5	92.6	92.7	92.9	93.0	93.0	93.0	93.0	93.0
≥ 500	78.8	86.7	89.5	91.2	92.1	92.6	93.9	94.2	94.3	94.5	94.7	94.8	94.8	94.8	94.8	94.8
≥ 400	78.8	86.8	89.7	91.4	92.4	93.0	94.5	95.0	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9
≥ 300	78.8	86.8	89.7	91.5	92.5	93.2	94.8	95.5	95.9	96.8	97.7	97.9	98.1	98.1	98.4	98.4
≥ 200	78.8	86.8	89.7	91.5	92.5	93.2	94.8	95.5	95.9	97.0	98.0	98.2	98.6	98.6	99.1	99.2
≥ 100	78.8	86.8	89.7	91.5	92.5	93.2	94.8	95.5	95.9	97.1	98.1	98.4	98.7	98.8	99.4	99.9
≥ 0	78.8	86.8	89.7	91.5	92.5	93.2	94.8	95.5	95.9	97.1	98.1	98.4	98.7	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1142

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-49,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

09( )-1100 (HOURS (L.S.T.))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	43.3	46.4	47.1	47.3	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	48.5	52.5	53.2	53.5	53.7	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 18000	48.6	52.6	53.3	53.6	53.8	53.8	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 16000	48.7	52.8	53.5	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	49.1	53.1	53.8	54.1	54.3	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 12000	50.3	54.4	55.1	55.3	55.6	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	51.2	55.3	56.0	56.3	56.5	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 9000	51.8	55.9	56.6	56.9	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 8000	52.8	57.0	57.7	58.0	58.2	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	54.4	58.7	59.4	59.6	59.9	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 6000	55.0	59.5	60.2	60.5	60.7	60.7	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 5000	56.9	61.5	62.3	62.5	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 4500	57.5	62.1	62.9	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 4000	60.2	65.0	65.7	66.0	66.2	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
≥ 3500	62.9	67.9	68.6	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 3000	67.0	72.2	72.9	73.3	73.6	73.6	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 2500	72.9	78.1	78.8	79.2	79.5	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	78.0	83.8	84.8	85.1	85.6	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1800	80.5	86.3	87.2	87.6	88.1	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1500	84.2	90.3	91.2	91.5	92.0	92.0	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200	86.3	93.1	94.2	94.8	95.3	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	87.2	94.8	95.9	96.4	97.0	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 900	87.4	95.2	96.4	97.0	97.6	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	87.5	95.3	96.5	97.2	97.9	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	87.5	95.4	96.7	97.5	98.3	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	87.5	95.4	96.9	97.9	98.6	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	87.5	95.4	96.9	97.9	98.6	99.0	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1142

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40 & 70-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	54.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000	60.8	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 18000	60.8	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 15000	61.0	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 14000	61.6	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 12000	62.7	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 10000	64.1	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000	65.1	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 8000	66.2	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 7000	68.2	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 6000	68.5	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 5000	70.6	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	72.0	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	74.2	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3500	78.7	80.7	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	85.5	87.6	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 2500	90.9	93.1	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	93.1	95.7	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	93.9	96.4	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	94.8	97.6	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	94.8	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	94.8	98.3	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	94.8	98.5	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	94.8	98.6	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.8	98.6	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1142

USAFETAC FORM JUL 77 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	62.4	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
≥ 20000	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000	68.5	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 16000	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 10000	72.2	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 9000	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	74.7	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	76.6	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 6000	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 5000	80.9	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	85.0	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 3500	89.0	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	92.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	95.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	96.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.4	98.1	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	96.6	98.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	96.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	96.8	98.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.9	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.9	98.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	96.9	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	96.9	98.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	98.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1179

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	66.0	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 20000	71.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	71.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 16000	71.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 14000	72.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000	74.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	75.7	76.9	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
≥ 9000	76.9	78.1	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
≥ 8000	79.5	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	81.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	83.5	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	86.9	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500	88.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	90.2	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	92.5	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	95.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	96.2	98.3	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	96.4	98.5	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.4	98.6	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	96.4	98.7	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	96.5	98.8	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	96.5	98.8	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.5	98.8	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.5	99.0	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1172

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

242.1 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	70.6	71.5	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	74.5	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	74.5	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	74.7	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	75.7	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 12000	76.6	77.9	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 10000	77.2	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 9000	77.6	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 8000	79.8	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 7000	81.7	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	83.1	84.7	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	86.2	88.1	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 4500	87.9	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4000	90.8	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3500	92.0	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3000	93.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	94.1	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	95.5	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	95.6	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	95.9	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	96.4	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	96.5	99.1	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	96.5	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	96.5	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	96.5	99.2	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.5	99.3	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1055

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-60-68 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	49.9	59.6	62.3	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 20000	52.4	62.6	65.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
≥ 18000	52.4	62.6	65.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
≥ 16000	52.4	62.6	65.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
≥ 14000	53.1	63.5	66.2	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4
≥ 12000	54.2	64.8	67.5	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7
≥ 10000	54.9	65.7	68.4	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6
≥ 9000	55.4	66.8	69.5	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6
≥ 8000	57.3	68.6	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6
≥ 7000	58.2	70.4	73.2	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4
≥ 6000	60.2	72.4	75.2	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4
≥ 5000	61.9	74.3	77.2	77.7	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.4	78.4	78.4	78.4	78.4
≥ 4500	62.8	75.6	78.6	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8
≥ 4000	64.4	77.5	80.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0
≥ 3500	67.0	81.5	84.9	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
≥ 3000	69.7	84.0	87.4	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5
≥ 2500	71.5	86.3	89.8	90.3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0
≥ 2000	73.9	89.0	92.5	93.0	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
≥ 1800	74.6	90.1	93.7	94.2	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2
≥ 1500	75.0	91.2	94.9	95.3	95.9	96.0	96.1	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1200	76.7	92.6	96.4	96.8	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 1000	77.2	93.1	96.8	97.3	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 900	77.5	93.6	97.3	97.8	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 800	77.9	94.0	97.8	98.2	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 700	78.2	94.5	98.2	98.7	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 600	78.2	94.5	98.2	98.7	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 500	78.2	94.5	98.2	98.7	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
≥ 400	78.2	94.6	98.4	98.8	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	78.2	94.7	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	78.2	94.7	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	78.2	94.7	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
0	78.2	94.7	98.5	98.9	99.5	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 855

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	34.5	40.8	44.2	45.7	46.9	47.0	47.7	47.9	48.0	48.0	48.1	48.1	48.2	48.2	48.4	48.4
≥ 20000	36.1	43.1	46.7	48.1	49.3	49.4	50.2	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.8	50.8
≥ 18000	36.1	43.1	46.7	48.1	49.3	49.4	50.2	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.8	50.8
≥ 16000	36.2	43.3	46.8	48.2	49.4	49.5	50.3	50.5	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9
≥ 14000	36.6	43.7	47.2	48.7	49.8	49.9	50.7	50.9	51.0	51.0	51.1	51.1	51.2	51.2	51.3	51.3
≥ 12000	38.3	45.6	49.1	50.6	51.8	51.9	52.6	52.8	52.9	52.9	53.0	53.0	53.1	53.1	53.2	53.2
≥ 10000	39.5	47.3	50.8	52.3	53.5	53.6	54.3	54.5	54.6	54.6	54.7	54.7	54.8	54.8	54.9	54.9
≥ 9000	40.2	48.1	51.6	53.1	54.3	54.4	55.2	55.4	55.5	55.5	55.6	55.6	55.7	55.7	55.8	55.8
≥ 8000	40.8	49.1	52.6	54.1	55.3	55.4	56.1	56.3	56.4	56.4	56.5	56.5	56.6	56.6	56.7	56.7
≥ 7000	42.6	51.2	54.9	56.4	57.6	57.7	58.4	58.7	58.8	58.8	58.9	58.9	59.0	59.0	59.1	59.1
≥ 6000	43.7	52.5	56.2	57.7	58.9	59.0	59.8	60.0	60.1	60.1	60.3	60.3	60.4	60.4	60.5	60.5
≥ 5000	46.7	55.9	59.6	61.1	62.4	62.5	63.3	63.5	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0
≥ 4500	47.1	56.6	60.4	61.8	63.1	63.2	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.7	64.7
≥ 4000	48.6	58.7	62.7	64.2	65.5	65.6	66.5	66.7	66.8	66.8	67.0	67.0	67.1	67.1	67.2	67.2
≥ 3500	51.8	62.2	66.3	67.8	69.1	69.2	70.1	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.8	70.8
≥ 3000	54.1	65.6	69.7	71.3	72.7	72.8	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4
≥ 2500	56.9	67.9	72.1	73.6	75.2	75.3	76.4	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0
≥ 2000	60.5	72.4	76.7	78.3	79.9	80.0	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.7	81.7
≥ 1800	61.7	73.8	78.2	79.8	81.4	81.5	82.6	82.8	82.9	82.9	83.0	83.0	83.1	83.1	83.2	83.2
≥ 1500	64.0	76.4	81.1	82.8	84.5	84.6	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.3	86.3
≥ 1200	66.6	79.6	84.4	86.1	87.9	88.0	89.1	89.3	89.4	89.4	89.5	89.5	89.6	89.6	89.7	89.7
≥ 1000	68.1	81.4	86.3	88.0	89.9	90.0	91.1	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7
≥ 900	68.9	82.1	87.0	88.7	90.6	90.8	91.8	92.0	92.1	92.1	92.2	92.2	92.3	92.3	92.5	92.5
≥ 800	69.6	83.1	88.0	89.7	91.7	91.8	92.9	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.5	93.5
≥ 700	69.8	83.8	88.8	90.5	92.6	92.7	93.7	93.9	94.0	94.0	94.2	94.2	94.3	94.3	94.4	94.4
≥ 600	70.1	84.4	89.4	91.1	93.1	93.3	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9	95.0	95.0
≥ 500	70.5	85.0	90.1	91.9	93.9	94.2	95.3	95.6	95.7	95.7	95.9	95.9	96.1	96.1	96.2	96.2
≥ 400	70.5	85.3	90.5	92.5	94.6	94.8	96.1	96.4	96.5	96.6	96.7	96.7	97.1	97.1	97.2	97.2
≥ 300	70.7	85.8	91.2	93.1	95.4	95.6	97.2	97.6	97.7	97.8	97.9	97.9	98.3	98.4	98.5	98.5
≥ 200	70.7	85.8	91.2	93.1	95.4	95.6	97.2	97.7	97.8	97.9	98.0	98.0	98.6	98.7	98.9	98.9
≥ 100	70.7	85.8	91.2	93.1	95.4	95.6	97.2	97.7	97.8	97.9	98.0	98.0	98.9	99.3	99.5	99.5
0	70.7	85.8	91.2	93.1	95.4	95.6	97.2	97.7	97.8	97.9	98.0	98.0	98.9	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 941

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	24.9	31.1	34.0	35.4	35.8	36.1	36.6	37.3	37.5	37.6	37.7	37.8	38.0	38.1	38.2	38.2
≥ 20000	27.2	33.8	37.4	38.8	39.2	39.6	40.1	40.9	41.0	41.2	41.3	41.4	41.6	41.7	41.8	41.8
≥ 18000	27.5	34.1	37.6	39.1	39.5	39.9	40.4	41.1	41.3	41.5	41.6	41.7	41.8	41.9	42.0	42.0
≥ 16000	27.6	34.1	37.7	39.2	39.6	40.0	40.5	41.2	41.4	41.6	41.7	41.8	41.9	42.0	42.1	42.1
≥ 14000	28.1	34.7	38.3	39.8	40.2	40.6	41.1	41.8	42.0	42.2	42.3	42.4	42.6	42.7	42.7	42.7
≥ 12000	29.7	36.5	40.1	41.6	42.0	42.4	42.9	43.6	43.8	44.0	44.1	44.2	44.4	44.4	44.5	44.5
≥ 10000	30.5	37.4	41.0	42.6	43.0	43.4	43.9	44.6	44.8	45.0	45.1	45.2	45.3	45.4	45.5	45.5
≥ 9000	30.8	37.8	41.5	43.0	43.5	43.8	44.4	45.1	45.3	45.4	45.5	45.6	45.8	45.9	46.0	46.0
≥ 8000	32.3	39.8	43.5	45.1	45.5	45.9	46.4	47.1	47.3	47.5	47.6	47.7	47.8	47.9	48.0	48.0
≥ 7000	34.3	41.9	45.7	47.2	47.8	48.1	48.7	49.4	49.6	49.7	49.8	49.9	50.1	50.2	50.3	50.3
≥ 6000	35.7	43.5	47.2	48.7	49.3	49.6	50.2	50.9	51.1	51.3	51.3	51.4	51.6	51.7	51.8	51.9
≥ 5000	36.3	46.5	50.3	51.8	52.3	52.7	53.3	54.0	54.2	54.4	54.5	54.6	54.7	54.8	54.9	55.0
≥ 4500	39.2	47.6	51.5	53.0	53.6	53.9	54.6	55.3	55.5	55.6	55.7	55.8	56.0	56.1	56.2	56.3
≥ 4000	42.0	51.1	55.2	56.7	57.3	57.6	58.2	59.0	59.1	59.3	59.4	59.5	59.7	59.8	59.9	59.9
≥ 3500	44.2	53.7	58.1	59.6	60.2	60.6	61.3	62.1	62.3	62.5	62.5	62.6	62.8	62.9	63.0	63.1
≥ 3000	47.2	56.8	61.2	62.7	63.4	63.9	64.6	65.5	65.7	65.9	65.9	66.0	66.2	66.3	66.4	66.5
≥ 2500	50.2	60.2	64.7	66.2	66.9	67.4	68.1	69.1	69.3	69.4	69.5	69.6	69.8	69.9	70.0	70.1
≥ 2000	54.1	64.7	69.4	71.1	71.8	72.2	73.0	74.0	74.2	74.4	74.5	74.6	74.7	74.8	74.9	75.0
≥ 1800	55.5	66.2	71.1	72.8	73.5	73.9	74.7	75.7	75.9	76.1	76.2	76.3	76.4	76.5	76.6	76.7
≥ 1500	58.5	69.4	74.4	76.2	76.9	77.3	78.2	79.2	79.4	79.6	79.7	79.7	79.9	80.0	80.1	80.2
≥ 1200	62.7	74.0	79.4	81.3	82.1	82.5	83.4	84.4	84.6	84.8	84.9	85.0	85.2	85.3	85.4	85.5
≥ 1000	64.2	75.9	81.3	83.2	84.1	84.6	85.5	86.5	86.7	86.9	87.2	87.3	87.5	87.5	87.6	87.7
≥ 900	64.8	76.7	82.3	84.3	85.1	85.7	86.6	87.5	87.8	88.0	88.3	88.4	88.5	88.6	88.7	88.8
≥ 800	65.6	77.9	83.6	85.7	86.7	87.4	88.3	89.3	89.6	89.8	90.1	90.1	90.3	90.4	90.5	90.6
≥ 700	65.9	78.7	84.6	86.8	88.2	88.8	89.7	90.8	91.0	91.2	91.5	91.6	91.8	91.8	92.0	92.1
≥ 600	66.0	79.3	85.2	87.5	89.0	89.6	90.6	91.9	92.3	92.5	92.8	92.9	93.1	93.2	93.4	93.5
≥ 500	66.1	79.8	85.8	88.3	90.0	90.6	91.6	93.0	93.4	93.9	94.4	94.4	94.7	94.8	95.0	95.1
≥ 400	66.1	79.8	85.8	88.3	90.1	90.8	91.8	93.5	93.9	94.8	95.5	95.6	96.0	96.1	96.3	96.4
≥ 300	66.1	79.8	85.8	88.3	90.2	91.0	92.1	93.8	94.3	95.3	96.1	96.5	97.0	97.1	97.6	97.7
≥ 200	66.1	79.8	85.8	88.3	90.2	91.0	92.3	94.0	94.4	95.4	96.3	96.7	97.6	97.9	98.5	98.7
≥ 100	66.1	79.8	85.8	88.3	90.2	91.0	92.3	94.0	94.5	95.5	96.4	96.8	97.7	98.0	98.9	99.5
0	66.1	79.8	85.8	88.3	90.2	91.0	92.3	94.0	94.5	95.6	96.5	96.9	97.8	98.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	29.5	36.2	38.3	39.4	39.9	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 20000	32.9	40.2	42.5	43.6	44.1	44.3	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 18000	32.9	40.2	42.5	43.6	44.1	44.3	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 16000	32.9	40.2	42.5	43.6	44.1	44.3	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 14000	33.7	41.1	43.4	44.5	45.0	45.2	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 12000	34.2	42.0	44.3	45.4	45.9	46.1	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 10000	35.8	43.7	46.0	47.1	47.7	47.8	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 9000	36.3	44.2	46.4	47.6	48.1	48.3	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	38.3	46.4	48.7	49.9	50.4	50.6	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 7000	39.7	47.8	50.3	51.5	52.2	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 6000	41.2	49.5	51.9	53.1	53.8	53.9	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000	43.1	51.6	54.1	55.5	56.1	56.3	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4500	45.0	53.5	56.0	57.3	58.0	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 4000	46.8	55.6	58.5	59.9	60.6	60.8	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 3500	49.2	58.0	60.9	62.3	63.1	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 3000	52.3	61.1	64.2	65.5	66.3	66.5	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 2500	57.1	66.2	69.4	70.8	71.6	71.8	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	63.7	73.7	77.1	78.5	79.4	79.6	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	65.9	76.3	80.0	81.6	82.5	82.7	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1500	70.1	81.1	85.2	86.9	87.9	88.2	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1200	72.7	84.6	88.9	90.6	91.8	92.1	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	73.7	86.1	90.8	92.8	94.1	94.5	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	73.9	86.3	91.2	93.3	94.7	95.3	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	73.9	86.6	91.6	93.6	95.1	95.6	96.4	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	74.0	86.8	91.8	94.2	95.7	96.2	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
≥ 600	74.0	87.1	92.1	94.4	96.1	96.6	97.7	97.9	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	74.1	87.2	92.2	94.5	96.1	96.6	97.9	98.2	98.4	98.7	99.2	99.2	99.3	99.3	99.3	99.3
≥ 400	74.1	87.2	92.3	94.7	96.3	97.0	98.2	98.5	98.7	99.2	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	74.1	87.2	92.3	94.7	96.3	97.0	98.2	98.6	98.7	99.3	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	74.1	87.2	92.3	94.7	96.3	97.0	98.2	98.6	98.7	99.3	99.7	99.8	99.9	99.9	99.9	99.9
≥ 100	74.1	87.2	92.3	94.7	96.3	97.0	98.2	98.6	98.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0
0	74.1	87.2	92.3	94.7	96.3	97.0	98.2	98.6	98.7	99.4	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	42.9	47.1	47.6	47.7	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	48.7	53.6	54.0	54.2	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 18000	49.0	53.9	54.3	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
≥ 16000	49.1	53.9	54.4	54.6	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 14000	50.1	55.0	55.5	55.6	56.0	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 12000	50.9	56.3	56.7	56.9	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 10000	51.4	56.8	57.3	57.4	57.9	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 9000	52.0	57.3	57.8	58.0	58.4	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 8000	54.8	60.7	61.1	61.3	61.7	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 7000	55.9	61.9	62.4	62.5	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 6000	57.9	63.9	64.4	64.6	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 5000	60.8	66.8	67.3	67.7	68.1	68.1	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 4500	63.0	69.3	69.8	70.3	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4000	66.2	72.8	73.3	73.7	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 3500	69.5	76.1	76.6	77.1	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 3000	74.0	80.6	81.3	81.7	82.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 2500	78.6	85.8	86.8	87.3	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	85.0	93.0	94.3	94.8	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1800	85.5	93.5	94.8	95.3	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	87.0	95.1	96.5	97.0	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	87.3	95.8	97.3	98.0	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	87.3	95.9	97.4	98.2	98.7	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	87.3	96.0	97.5	98.3	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	87.5	96.1	97.7	98.5	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	87.5	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	87.5	96.2	97.8	98.6	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	87.5	96.2	97.8	98.6	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 400	87.5	96.2	97.8	98.6	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 300	87.5	96.2	97.8	98.6	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	87.5	96.2	97.8	98.6	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	87.5	96.2	97.8	98.6	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	87.5	96.2	97.8	98.6	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	51.9	52.8	53.0	53.0	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 20000	57.6	59.0	59.1	59.1	59.3	59.3	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000	57.8	59.1	59.3	59.3	59.5	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 16000	57.8	59.1	59.3	59.3	59.5	59.5	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 14000	59.9	61.4	61.6	61.6	61.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	60.9	62.5	62.9	62.9	63.1	63.1	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥ 10000	61.6	63.3	63.6	63.7	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 9000	63.2	65.1	65.4	65.5	65.7	65.7	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 8000	66.2	68.8	69.2	69.3	69.4	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	67.7	70.5	70.9	71.0	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 6000	69.9	72.8	73.1	73.2	73.4	73.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 5000	74.3	77.2	77.7	77.8	78.0	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	76.4	79.7	80.1	80.2	80.4	80.4	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 4000	80.3	83.6	84.1	84.1	84.3	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 3500	83.6	86.9	87.4	87.5	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	86.0	89.4	90.2	90.4	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	89.3	93.1	94.0	94.2	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2000	91.1	95.3	96.1	96.4	96.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	91.7	95.8	96.9	97.1	97.6	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	92.1	96.2	97.4	97.7	98.1	98.2	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	92.4	96.5	97.7	98.0	98.5	98.6	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	92.5	96.6	97.8	98.2	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	92.5	96.6	97.8	98.2	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	92.5	96.6	97.8	98.2	98.7	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	92.5	96.7	97.8	98.3	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	92.5	96.7	97.8	98.3	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	92.5	96.7	97.8	98.3	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	92.5	96.7	97.9	98.4	99.0	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	92.5	96.7	97.9	98.4	99.0	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	92.5	96.7	97.9	98.4	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.5	96.7	97.9	98.4	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.5	96.7	97.9	98.4	99.0	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1115

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) 116 (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	58.1	59.1	59.3	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 20000	62.5	63.9	64.2	64.4	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	62.6	64.0	64.2	64.5	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	63.1	64.4	64.7	65.0	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	65.4	67.1	67.4	67.7	67.8	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 12000	67.0	69.1	69.4	69.7	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 10000	68.4	70.5	70.8	71.1	71.2	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000	69.0	71.1	71.5	71.9	72.0	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 8000	71.9	74.5	75.1	75.5	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 7000	73.7	77.1	77.7	78.1	78.3	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 6000	75.6	79.1	79.8	80.3	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 5000	79.6	83.2	84.1	84.5	84.7	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4500	81.4	85.1	86.0	86.5	86.6	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4000	84.3	88.4	89.5	90.1	90.2	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	86.3	90.5	91.6	92.1	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	87.9	92.7	93.9	94.4	94.6	94.8	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	89.5	94.6	95.8	96.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2000	90.5	95.6	97.0	97.5	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	90.9	96.0	97.4	98.0	98.3	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	91.0	96.1	97.6	98.2	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	91.3	96.5	98.2	98.8	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	91.3	96.5	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	91.3	96.5	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	91.3	96.5	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	91.3	96.5	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	91.3	96.5	98.3	98.9	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	91.3	96.5	98.3	99.0	99.4	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0 14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (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	≥⅛	≥0
NO CEILING	58.6	62.6	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 20000	62.0	66.3	67.4	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 18000	62.0	66.3	67.4	67.5	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 16000	62.6	67.0	68.0	68.1	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 14000	63.2	67.9	69.0	69.1	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	64.1	68.8	69.8	69.9	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 10000	65.6	70.2	71.3	71.4	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 9000	66.5	71.2	72.3	72.4	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000	68.9	74.2	75.5	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	70.6	76.6	77.9	78.0	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 6000	72.4	78.4	79.7	79.8	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	76.0	82.3	83.5	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 4500	77.3	83.8	85.1	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4000	78.6	85.8	87.0	87.1	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	80.9	88.4	89.7	89.8	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3000	82.6	90.4	91.8	92.0	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	84.7	93.0	94.5	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2000	85.7	94.5	96.0	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	86.1	94.9	96.4	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1500	86.8	95.9	97.4	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	87.4	96.5	98.2	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	87.8	96.9	98.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	87.8	96.9	98.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	87.8	96.9	98.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.9	97.0	98.9	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39;60-70 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	21.5	34.0	38.1	40.7	43.8	44.6	46.7	48.1	48.4	49.2	49.5	49.9	50.6	50.9	51.1	51.9
≥ 20000	22.0	35.1	39.4	42.1	45.6	46.4	48.5	49.8	50.2	51.0	51.3	51.7	52.3	52.7	53.3	53.9
≥ 18000	22.0	35.1	39.4	42.1	45.6	46.4	48.5	49.8	50.2	51.0	51.3	51.7	52.3	52.7	53.3	53.9
≥ 16000	22.0	35.1	39.4	42.1	45.6	46.4	48.5	49.8	50.2	51.0	51.3	51.7	52.3	52.7	53.3	53.9
≥ 14000	22.0	35.6	40.1	43.0	46.4	47.2	49.3	50.7	51.0	51.8	52.1	52.6	53.2	53.5	54.1	54.7
≥ 12000	22.1	36.1	40.7	43.5	46.9	47.8	49.8	51.2	51.5	52.3	52.7	53.1	53.7	54.0	54.6	55.3
≥ 10000	23.5	38.0	42.5	45.5	48.9	49.7	51.8	53.2	53.5	54.3	54.6	55.1	55.7	56.0	56.6	57.2
≥ 9000	23.6	38.2	42.8	45.7	49.1	49.9	52.0	53.4	53.7	54.5	54.8	55.3	55.9	56.2	56.8	57.5
≥ 8000	24.7	39.6	44.4	47.5	51.2	52.0	54.1	55.5	55.8	56.7	57.0	57.5	58.1	58.4	59.0	59.6
≥ 7000	26.1	42.5	47.1	50.4	54.0	54.8	56.9	58.3	58.6	59.5	59.9	60.3	60.9	61.2	61.8	62.5
≥ 6000	27.0	43.9	48.5	51.9	55.7	56.5	58.6	60.0	60.3	61.2	61.5	61.9	62.6	62.9	63.5	64.1
≥ 5000	28.7	46.9	51.9	55.4	59.1	60.0	62.0	63.4	63.7	64.7	65.0	65.4	66.0	66.3	66.9	67.6
≥ 4500	30.2	48.7	53.7	57.2	61.0	61.8	63.9	65.3	65.6	66.5	66.8	67.3	67.9	68.2	68.8	69.4
≥ 4000	30.9	50.2	55.3	59.0	62.8	63.6	65.7	67.0	67.4	68.3	68.6	69.0	69.7	70.0	70.6	71.2
≥ 3500	31.7	51.3	56.4	60.3	64.0	64.9	66.9	68.3	68.6	69.6	69.9	70.3	70.9	71.2	71.8	72.5
≥ 3000	33.4	53.3	58.5	62.5	66.2	67.0	69.2	70.6	70.9	71.8	72.2	72.6	73.2	73.5	74.1	74.8
≥ 2500	35.8	56.7	62.1	66.2	70.1	70.9	73.2	74.7	75.0	75.9	76.2	76.6	77.3	77.6	78.2	78.8
≥ 2000	39.4	61.4	66.9	71.3	75.2	76.0	78.3	79.8	80.1	81.0	81.3	81.8	82.4	82.7	83.3	83.9
≥ 1800	39.9	62.3	67.8	72.3	76.3	77.2	79.5	80.9	81.2	82.2	82.5	82.9	83.5	83.8	84.5	85.1
≥ 1500	40.8	63.9	69.6	74.3	78.5	79.4	81.6	83.1	83.4	84.4	84.7	85.1	85.7	86.0	86.7	87.3
≥ 1200	41.7	65.2	71.0	76.1	80.4	81.2	83.5	85.0	85.3	86.2	86.5	87.0	87.6	87.9	88.5	89.2
≥ 1000	42.1	65.7	71.5	76.6	81.1	82.0	84.3	85.7	86.0	87.0	87.3	87.7	88.3	88.6	89.1	89.9
≥ 900	42.1	65.9	71.7	76.9	81.3	82.2	84.6	86.0	86.3	87.3	87.6	88.0	88.6	88.9	89.6	90.2
≥ 800	42.1	66.2	72.1	77.2	81.6	82.5	85.0	86.7	87.0	87.9	88.2	88.6	89.3	89.6	90.2	90.8
≥ 700	42.1	66.5	72.4	77.5	82.0	82.8	85.3	87.0	87.3	88.2	88.5	88.9	89.6	89.9	90.5	91.1
≥ 600	42.1	66.8	72.7	77.8	82.4	83.2	85.8	87.5	87.8	88.7	89.1	89.5	90.1	90.4	91.0	91.7
≥ 500	42.1	67.2	73.1	78.3	82.9	83.7	86.5	88.5	88.8	89.8	90.1	90.5	91.1	91.4	92.1	92.7
≥ 400	42.1	67.3	73.3	78.5	83.2	84.0	86.9	88.8	89.2	90.1	90.4	90.8	91.4	91.8	92.4	93.0
≥ 300	42.1	67.4	73.5	78.7	83.7	84.7	87.5	89.6	90.1	91.1	91.4	91.9	92.5	92.8	93.4	94.0
≥ 200	42.1	67.4	73.5	78.7	83.8	84.8	87.7	90.0	90.5	91.7	92.1	92.5	93.2	93.5	94.1	95.1
≥ 100	42.1	67.4	73.5	78.7	83.9	84.9	87.9	90.2	90.7	92.0	92.4	92.8	93.7	94.1	95.4	97.0
≥ 0	42.1	67.4	73.5	78.7	83.9	84.9	87.9	90.2	90.7	92.0	92.4	92.8	93.7	94.1	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 959

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-60-68 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	31.0	46.4	50.7	53.4	56.1	56.7	58.0	58.7	58.7	59.2	59.8	60.1	60.8	60.9	61.0	61.2
≥ 20000	32.0	48.4	52.8	55.6	58.6	59.1	60.4	61.2	61.2	61.9	62.4	62.7	63.4	63.7	63.8	64.0
≥ 18000	32.0	48.4	52.8	55.6	58.6	59.1	60.4	61.2	61.2	61.9	62.4	62.8	63.4	63.7	63.8	64.0
≥ 16000	32.0	48.4	52.8	55.6	58.6	59.1	60.4	61.2	61.2	61.9	62.4	62.8	63.4	63.7	63.8	64.0
≥ 14000	32.2	48.8	53.2	56.0	59.0	59.6	60.9	61.7	61.7	62.3	62.9	63.2	63.9	64.1	64.2	64.4
≥ 12000	32.2	49.7	54.1	56.9	59.9	60.4	61.8	62.6	62.6	63.2	63.8	64.1	64.8	65.0	65.1	65.3
≥ 10000	33.0	50.6	55.0	57.9	61.0	61.6	62.9	63.7	63.7	64.3	64.9	65.2	66.0	66.2	66.3	66.6
≥ 9000	34.3	51.9	56.3	59.2	62.3	62.9	64.2	65.0	65.0	65.7	66.2	66.6	67.3	67.6	67.7	67.9
≥ 8000	36.2	54.9	59.3	62.2	65.3	65.9	67.2	68.0	68.0	68.7	69.2	69.6	70.3	70.6	70.7	70.9
≥ 7000	37.8	57.4	62.0	65.2	68.3	68.9	70.2	71.0	71.0	71.7	72.2	72.6	73.3	73.6	73.7	73.9
≥ 6000	38.9	58.9	63.4	66.7	69.8	70.3	71.7	72.4	72.4	73.1	73.7	74.0	74.8	75.0	75.1	75.3
≥ 5000	39.6	60.0	64.9	68.4	71.6	72.1	73.4	74.2	74.2	74.9	75.4	75.8	76.6	76.8	76.9	77.1
≥ 4500	40.3	61.2	66.1	69.8	72.9	73.4	74.8	75.6	75.6	76.2	76.8	77.1	77.9	78.1	78.2	78.4
≥ 4000	41.7	63.1	68.0	71.8	75.0	75.6	76.9	77.7	77.7	78.3	78.9	79.2	80.0	80.2	80.3	80.6
≥ 3500	42.3	64.1	69.2	73.0	76.2	76.8	78.1	78.9	78.9	79.6	80.1	80.4	81.2	81.4	81.6	81.8
≥ 3000	44.1	66.6	71.7	75.4	78.7	79.2	80.6	81.3	81.3	82.1	82.7	83.0	83.8	84.0	84.1	84.3
≥ 2500	46.0	69.3	74.7	78.6	82.0	82.6	83.9	84.7	84.7	85.6	86.1	86.4	87.2	87.4	87.6	87.8
≥ 2000	48.4	73.7	79.3	83.3	86.9	87.4	88.9	89.7	89.7	90.6	91.2	91.6	92.3	92.6	92.7	92.9
≥ 1800	49.7	75.0	80.8	84.9	88.6	89.1	90.6	91.3	91.3	92.2	92.9	93.2	94.0	94.2	94.3	94.6
≥ 1500	49.9	75.7	81.7	86.2	89.9	90.4	91.9	92.7	92.7	93.6	94.2	94.6	95.3	95.6	95.7	95.9
≥ 1200	50.2	76.2	82.2	86.8	90.4	91.0	92.4	93.3	93.3	94.2	94.9	95.2	96.0	96.2	96.3	96.6
≥ 1000	50.3	76.6	82.6	87.1	90.8	91.3	92.9	94.1	94.1	95.0	95.7	96.0	96.8	97.0	97.1	97.3
≥ 900	50.3	76.6	82.6	87.1	90.8	91.3	93.0	94.2	94.2	95.1	95.8	96.1	96.9	97.1	97.2	97.4
≥ 800	50.3	76.7	82.7	87.2	90.9	91.4	93.2	94.4	94.4	95.3	96.0	96.3	97.1	97.3	97.4	97.7
≥ 700	50.3	76.8	82.8	87.3	91.0	91.6	93.3	94.6	94.6	95.4	96.1	96.4	97.2	97.4	97.6	97.8
≥ 600	50.3	76.8	82.9	87.4	91.1	91.7	93.4	94.7	94.7	95.6	96.2	96.6	97.3	97.6	97.7	97.9
≥ 500	50.3	76.8	83.2	87.8	91.4	92.0	93.8	95.0	95.0	95.9	96.6	96.9	97.7	97.9	98.0	98.2
≥ 400	50.3	76.9	83.3	87.9	91.7	92.2	94.0	95.2	95.2	96.1	96.8	97.1	97.9	98.1	98.2	98.4
≥ 300	50.3	76.9	83.3	87.9	91.7	92.3	94.1	95.3	95.3	96.2	96.9	97.2	98.0	98.2	98.3	98.5
≥ 200	50.3	76.9	83.3	87.9	91.8	92.4	94.2	95.4	95.4	96.3	97.1	97.4	98.3	98.6	98.7	99.2
≥ 100	50.3	76.9	83.3	87.9	91.8	92.4	94.2	95.4	95.4	96.3	97.1	97.4	98.7	98.9	99.3	99.7
0	50.3	76.9	83.3	87.9	91.8	92.4	94.2	95.4	95.4	96.3	97.1	97.4	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 200

USAFETAC FORM AA 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	18.6	21.4	23.7	26.9	28.7	30.2	32.5	33.8	34.0	34.5	35.0	35.1	35.7	36.1	36.5	37.6
≥ 20000	18.4	23.6	26.0	29.5	31.5	33.2	35.6	37.4	37.8	38.2	38.7	38.7	39.5	39.9	40.4	41.7
≥ 18000	18.4	23.6	26.0	29.5	31.5	33.2	35.6	37.4	37.8	38.2	38.7	38.9	39.5	39.9	40.4	41.7
≥ 16000	18.5	23.7	26.1	29.6	31.6	33.3	35.7	37.5	37.8	38.3	38.8	39.0	39.6	40.0	40.5	41.7
≥ 14000	19.0	24.3	26.9	30.5	32.6	34.2	36.6	38.4	38.8	39.2	39.7	39.9	40.5	40.9	41.5	42.7
≥ 12000	19.9	25.4	28.0	31.7	33.8	35.4	37.9	39.7	40.1	40.6	41.1	41.3	41.9	42.3	42.9	44.1
≥ 10000	21.6	27.5	30.2	34.0	36.0	37.7	40.2	41.9	42.3	42.9	43.3	43.5	44.2	44.5	45.1	46.3
≥ 9000	22.3	28.1	30.9	34.6	36.6	38.3	40.8	42.6	42.9	43.5	44.0	44.2	44.8	45.2	45.7	46.9
≥ 8000	23.9	30.3	33.3	37.0	39.1	40.8	43.3	45.2	45.5	46.1	46.6	46.8	47.4	47.8	48.3	49.5
≥ 7000	25.0	31.4	34.4	38.3	40.5	42.3	44.8	46.7	47.0	47.6	48.1	48.3	48.9	49.3	49.8	51.0
≥ 6000	26.3	33.1	36.2	40.2	42.7	44.5	47.1	49.0	49.4	49.9	50.4	50.6	51.2	51.6	52.1	53.3
≥ 5000	28.8	36.3	39.4	43.4	45.9	47.8	50.4	52.3	52.7	53.2	53.7	53.9	54.5	54.9	55.5	56.7
≥ 4500	30.1	38.2	41.5	45.5	48.0	49.8	52.4	54.4	54.7	55.3	55.8	55.9	56.6	57.0	57.5	58.7
≥ 4000	32.4	41.1	44.3	48.7	51.3	53.2	55.8	57.7	58.1	58.7	59.2	59.4	60.0	60.4	60.9	62.2
≥ 3500	34.0	42.9	46.1	50.6	53.2	55.1	57.7	59.6	60.0	60.7	61.1	61.3	62.0	62.3	62.9	64.1
≥ 3000	35.6	45.1	48.3	53.0	55.6	57.4	60.1	62.1	62.4	63.2	63.6	63.9	64.6	64.9	65.5	66.7
≥ 2500	38.3	48.1	51.7	56.4	59.3	61.1	63.9	65.9	66.2	67.0	67.4	67.7	68.4	68.7	69.3	70.5
≥ 2000	41.3	51.9	55.7	60.5	63.5	65.4	68.2	70.1	70.5	71.3	71.8	72.1	72.7	73.1	73.7	74.9
≥ 1800	41.7	52.4	56.1	60.9	64.1	66.0	68.7	70.7	71.1	72.0	72.4	72.7	73.4	73.7	74.3	75.5
≥ 1500	43.1	54.2	58.0	62.8	66.0	67.8	70.6	72.5	72.9	73.8	74.3	74.6	75.2	75.6	76.2	77.4
≥ 1200	44.2	56.2	60.1	65.0	68.3	70.1	73.0	75.0	75.3	76.3	76.7	77.0	77.6	78.0	78.6	79.8
≥ 1000	44.5	57.2	61.1	66.2	69.6	71.4	74.4	76.3	76.9	77.8	78.3	78.6	79.2	79.6	80.1	81.4
≥ 900	44.6	57.3	61.2	66.4	69.8	71.6	74.6	76.5	77.1	78.0	78.5	78.8	79.4	79.8	80.3	81.5
≥ 800	44.8	58.0	61.9	67.1	70.4	72.3	75.2	77.3	77.8	78.8	79.2	79.5	80.1	80.5	81.1	82.3
≥ 700	44.9	58.2	62.2	67.3	70.7	72.5	75.6	77.9	78.6	79.5	80.0	80.2	80.9	81.3	81.8	83.0
≥ 600	44.9	58.3	62.2	67.4	70.8	72.8	75.9	78.2	78.8	79.8	80.2	80.5	81.2	81.5	82.1	83.3
≥ 500	44.9	58.4	62.5	68.3	71.8	73.8	77.1	79.5	80.2	81.2	81.7	82.0	82.7	83.0	83.6	84.9
≥ 400	44.9	58.5	62.8	68.6	72.3	74.3	77.8	80.5	81.4	82.6	83.2	83.6	84.3	84.7	85.3	86.5
≥ 300	44.9	58.5	62.8	68.6	72.3	74.3	78.2	81.2	82.4	84.0	84.9	85.2	86.1	86.5	87.4	89.2
≥ 200	44.9	58.6	62.9	68.7	72.4	74.4	78.4	81.4	82.7	84.5	85.6	86.4	87.6	88.7	89.8	92.3
≥ 100	44.9	58.6	62.9	68.7	72.4	74.4	78.4	81.4	82.7	84.6	85.9	86.6	88.1	89.7	91.4	97.2
0	44.9	58.6	62.9	68.7	72.4	74.4	78.4	81.4	82.7	84.6	85.9	86.6	88.1	89.7	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1078

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	23.0	30.1	32.5	37.9	39.6	39.8	40.6	41.2	41.2	41.6	41.6	41.6	41.5	41.5	41.7	41.8
≥ 20000	24.7	32.4	35.1	40.7	42.6	42.9	43.6	44.3	44.3	44.7	44.7	44.7	44.7	44.8	44.9	45.0
≥ 18000	24.7	32.4	35.1	40.7	42.6	42.9	43.6	44.3	44.3	44.7	44.7	44.7	44.7	44.8	44.9	45.0
≥ 16000	25.3	33.1	35.7	41.4	43.2	43.5	44.3	44.9	44.9	45.4	45.4	45.4	45.4	45.5	45.6	45.6
≥ 14000	25.6	33.5	36.2	41.9	43.7	44.1	44.8	45.5	45.5	45.9	45.9	45.9	45.9	46.0	46.1	46.2
≥ 12000	26.7	34.6	37.3	43.1	45.0	45.4	46.1	46.8	46.8	47.2	47.2	47.2	47.2	47.3	47.4	47.5
≥ 10000	28.0	36.1	38.9	44.7	46.8	47.1	47.9	48.6	48.6	49.1	49.1	49.1	49.1	49.2	49.3	49.4
≥ 9000	28.6	36.9	39.7	45.6	47.6	48.0	48.7	49.4	49.4	49.9	49.9	49.9	49.9	50.0	50.1	50.2
≥ 8000	30.0	38.8	41.9	47.9	49.9	50.4	51.1	51.9	51.9	52.3	52.3	52.3	52.4	52.5	52.6	52.6
≥ 7000	32.0	40.9	44.3	50.2	52.3	52.8	53.5	54.3	54.3	54.7	54.7	54.7	54.8	54.9	55.0	55.0
≥ 6000	32.5	41.4	44.8	51.2	53.3	54.0	54.8	55.6	55.6	56.0	56.0	56.0	56.1	56.2	56.3	56.3
≥ 5000	34.5	43.6	47.2	53.5	55.9	56.4	57.2	58.1	58.1	58.5	58.5	58.5	58.6	58.7	58.9	58.9
≥ 4500	36.1	45.2	48.7	55.2	57.6	58.1	58.9	59.7	59.7	60.2	60.2	60.2	60.3	60.4	60.5	60.5
≥ 4000	38.4	48.1	51.7	58.2	60.7	61.2	62.1	63.1	63.1	63.5	63.5	63.5	63.6	63.7	63.8	63.8
≥ 3500	40.6	50.4	54.5	61.4	63.9	64.4	65.3	66.2	66.2	66.7	66.7	66.7	66.8	66.9	66.9	66.9
≥ 3000	43.6	54.0	58.1	65.1	67.8	68.2	69.2	70.1	70.1	70.6	70.6	70.6	70.6	70.7	70.8	70.8
≥ 2500	46.1	59.1	63.2	70.3	73.1	73.5	74.5	75.5	75.5	75.9	75.9	75.9	76.0	76.1	76.2	76.2
≥ 2000	50.9	62.7	67.0	74.2	77.1	77.7	78.7	79.6	79.6	80.1	80.2	80.2	80.3	80.4	80.5	80.5
≥ 1800	51.9	63.8	68.1	75.3	78.3	78.9	79.9	80.8	80.8	81.3	81.4	81.4	81.5	81.6	81.7	81.7
≥ 1500	52.8	65.2	69.6	76.8	79.9	80.6	81.8	82.7	82.7	83.1	83.2	83.2	83.3	83.4	83.5	83.5
≥ 1200	54.3	67.3	71.9	79.3	82.4	83.2	84.4	85.5	85.5	85.9	86.0	86.0	86.0	86.1	86.2	86.3
≥ 1000	54.7	68.2	73.1	80.6	83.9	84.8	86.0	87.1	87.1	87.6	87.7	87.7	87.7	87.8	87.9	88.0
≥ 900	55.0	68.9	73.8	81.4	84.7	85.6	86.9	88.1	88.1	88.6	88.7	88.7	88.7	88.8	88.9	89.0
≥ 800	55.0	69.3	74.4	82.1	85.6	86.9	88.2	89.6	89.6	90.1	90.2	90.2	90.2	90.3	90.4	90.5
≥ 700	55.1	69.7	74.8	82.8	86.3	87.7	89.2	90.9	90.9	91.5	91.7	91.7	91.7	91.8	91.9	91.9
≥ 600	55.1	70.0	75.3	83.2	86.9	88.2	89.9	91.7	91.7	92.2	92.4	92.4	92.4	92.5	92.6	92.7
≥ 500	55.1	70.0	75.4	83.5	87.4	89.0	91.0	92.9	93.2	94.5	94.8	95.1	95.2	95.3	95.4	95.5
≥ 400	55.1	70.0	75.4	83.5	87.4	89.2	91.3	93.3	93.7	95.2	96.2	96.5	96.7	96.8	96.9	97.0
≥ 300	55.1	70.0	75.5	83.6	87.5	89.3	91.4	93.5	94.1	95.8	97.0	97.5	98.0	98.1	98.4	98.8
≥ 200	55.1	70.0	75.5	83.6	87.5	89.3	91.4	93.5	94.1	95.9	97.3	98.0	98.6	98.7	99.1	99.6
≥ 100	55.1	70.0	75.5	83.6	87.5	89.3	91.4	93.5	94.1	96.0	97.4	98.1	98.7	98.8	99.2	100.0
≥ 0	55.1	70.0	75.5	83.6	87.5	89.3	91.4	93.5	94.1	96.0	97.4	98.1	98.7	98.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 1080

USAFETAC FORM NO. 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	44.7	43.1	45.1	47.4	48.1	48.2	48.5	48.8	48.8	49.2	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	39.8	49.1	51.0	53.3	54.1	54.3	54.5	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	39.8	49.1	51.0	53.3	54.1	54.3	54.5	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 16000	40.1	49.4	51.3	53.6	54.4	54.6	54.9	55.4	55.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8
≥ 14000	40.7	50.1	52.0	54.4	55.2	55.4	55.6	56.1	56.1	56.5	56.6	56.6	56.6	56.6	56.6	56.6
≥ 12000	41.3	50.6	52.6	55.0	55.8	56.0	56.3	56.8	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2
≥ 10000	42.6	51.9	54.0	56.5	57.3	57.5	57.8	58.2	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.7
≥ 9000	43.0	52.6	54.6	57.1	58.0	58.1	58.4	58.9	59.0	59.5	59.6	59.6	59.6	59.6	59.6	59.6
≥ 8000	44.1	54.1	56.2	58.7	59.6	59.8	60.3	60.7	60.8	61.4	61.5	61.5	61.5	61.5	61.5	61.5
≥ 7000	40.5	56.5	58.7	61.3	62.3	62.5	63.0	63.4	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 6000	47.6	58.1	60.5	63.1	64.2	64.4	64.8	65.3	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	49.4	60.1	62.4	65.1	66.1	66.4	66.9	67.3	67.4	68.0	68.1	68.1	68.1	68.1	68.1	68.1
≥ 4500	52.0	62.8	65.1	67.9	68.9	69.2	69.6	70.1	70.2	70.7	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	54.9	65.8	68.1	70.9	71.9	72.2	72.7	73.1	73.2	73.8	74.1	74.1	74.1	74.1	74.1	74.1
≥ 3500	56.9	68.4	70.7	73.5	74.5	74.8	75.3	75.7	75.8	76.4	76.7	76.7	76.7	76.7	76.7	76.7
≥ 3000	61.7	73.8	76.3	79.3	80.3	80.6	81.0	81.5	81.6	82.1	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	65.9	78.3	81.3	84.4	85.5	85.7	86.2	86.7	86.8	87.3	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	69.4	82.6	85.7	88.8	90.1	90.4	90.8	91.4	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	70.0	83.3	86.6	89.7	91.0	91.3	91.8	92.3	92.4	93.0	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	70.9	84.8	88.1	91.4	92.8	93.1	93.6	94.2	94.3	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1200	72.0	86.2	89.7	93.1	94.6	95.0	95.6	96.1	96.2	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	72.1	86.7	90.3	93.8	95.3	95.7	96.4	97.0	97.1	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	72.1	86.9	90.6	94.1	95.6	96.1	96.8	97.4	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	72.2	87.3	90.9	94.5	96.2	96.8	97.4	98.1	98.2	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	72.2	87.3	90.9	94.6	96.3	96.9	97.6	98.4	98.7	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	72.2	87.3	90.9	94.6	96.3	96.9	97.8	98.7	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1060

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

242 01 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 49-60=70 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.2	50.1	51.2	52.1	53.1	53.1	53.3	53.3	53.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	51.3	56.9	58.3	59.6	60.7	61.0	61.2	61.3	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	51.3	56.9	58.3	59.6	60.7	61.0	61.2	61.3	61.4	61.8	61.9	61.9	61.9	61.9	61.9	61.9
≥ 16000	51.9	57.5	59.0	60.3	61.4	61.7	61.9	61.9	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5
≥ 14000	54.6	58.1	59.6	60.9	62.0	62.3	62.5	62.6	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 12000	53.4	59.3	60.7	62.0	63.1	63.4	63.6	63.7	63.8	64.2	64.3	64.3	64.3	64.3	64.3	64.3
≥ 10000	55.6	61.6	63.1	64.4	65.5	65.7	65.9	66.0	66.1	66.5	66.6	66.6	66.6	66.6	66.6	66.6
≥ 9000	56.9	63.0	64.4	65.7	66.9	67.1	67.6	67.7	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2
≥ 8000	58.4	64.7	66.4	67.7	68.8	69.1	69.5	69.6	69.7	70.1	70.2	70.2	70.2	70.2	70.2	70.2
≥ 7000	61.0	67.7	69.5	70.9	72.0	72.3	72.8	72.9	73.0	73.3	73.4	73.4	73.4	73.4	73.4	73.4
≥ 6000	62.0	69.0	70.8	72.2	73.3	73.7	74.2	74.3	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 5000	64.2	71.3	73.2	74.6	75.7	76.1	76.6	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2
≥ 4500	66.9	74.0	75.9	77.6	78.7	79.1	79.5	79.6	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	70.8	78.3	80.3	81.9	83.1	83.4	83.9	84.0	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500	73.0	81.3	83.2	84.9	86.1	86.5	86.9	87.0	87.1	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 3000	75.4	84.0	86.0	87.9	89.1	89.4	89.9	90.0	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	77.6	86.4	88.4	90.7	92.1	92.5	93.0	93.1	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	79.7	88.9	90.9	93.4	95.0	95.5	95.9	96.0	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800	80.1	89.4	91.4	94.0	95.6	96.1	96.6	96.7	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	80.7	90.2	92.3	95.0	96.6	97.2	97.7	97.8	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	80.9	90.6	92.8	95.5	97.3	97.8	98.3	98.5	98.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	80.9	90.6	92.8	95.5	97.3	97.9	98.6	98.8	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	80.9	90.7	92.9	95.6	97.4	98.1	98.9	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	80.9	90.7	92.9	95.6	97.4	98.1	98.9	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	80.9	90.7	92.9	95.6	97.4	98.1	98.9	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	80.9	90.7	92.9	95.6	97.4	98.1	98.9	99.1	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	80.9	90.7	93.0	95.6	97.5	98.2	99.0	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	80.9	90.7	93.0	95.6	97.5	98.2	99.0	99.2	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	81.0	90.8	93.1	95.7	97.6	98.3	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	81.0	90.8	93.1	95.7	97.6	98.3	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	81.0	90.8	93.1	95.7	97.6	98.3	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	81.0	90.8	93.1	95.7	97.6	98.3	99.1	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1060

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	46.8	52.8	54.5	55.5	57.5	57.9	58.7	59.1	59.1	59.4	59.5	59.5	59.5	59.5	59.5	59.5
≥ 20000	50.5	56.9	59.2	60.3	62.7	63.1	64.0	64.4	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	50.6	56.9	59.3	60.4	62.8	63.2	64.1	64.4	64.4	64.8	64.9	64.9	64.9	64.9	64.9	64.9
≥ 16000	50.9	57.3	59.6	60.7	63.1	63.6	64.4	64.8	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	51.5	57.9	60.2	61.3	63.7	64.2	65.0	65.4	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8
≥ 12000	52.7	59.3	61.6	62.7	65.1	65.6	66.4	66.8	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2
≥ 10000	54.4	61.0	63.3	64.4	66.9	67.3	68.1	68.5	68.5	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	55.7	62.7	65.3	66.4	68.8	69.3	70.1	70.5	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9
≥ 8000	57.8	65.5	68.1	69.3	71.7	72.1	73.0	73.3	73.3	73.7	73.8	73.9	73.8	73.8	73.8	73.8
≥ 7000	60.4	68.2	70.9	72.1	74.5	75.0	75.8	76.2	76.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	61.4	69.8	72.6	73.8	76.2	76.7	77.5	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 5000	63.1	72.0	75.1	76.5	79.0	79.4	80.3	80.6	80.6	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 4500	64.4	73.2	76.3	77.8	80.3	80.7	81.6	81.9	81.9	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	67.6	76.9	80.1	81.8	84.3	84.7	85.6	86.0	86.0	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500	68.8	78.6	82.1	83.8	86.3	86.9	87.9	88.2	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8
≥ 3000	70.1	80.2	83.9	85.6	88.1	88.8	89.7	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	71.8	82.2	86.1	88.0	90.5	91.1	92.2	92.6	92.6	93.0	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2000	73.1	84.6	88.8	90.6	93.3	94.1	95.2	95.6	95.6	95.9	96.0	96.0	96.1	96.1	96.1	96.1
≥ 1800	73.3	84.9	89.2	91.0	93.7	94.4	95.6	95.9	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5
≥ 1500	73.6	85.3	89.6	91.6	94.4	95.2	96.3	96.7	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1200	74.0	85.7	90.1	92.1	95.0	95.8	96.9	97.3	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9
≥ 1000	74.0	85.9	90.3	92.3	95.2	96.1	97.2	97.6	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.2
≥ 900	74.0	85.9	90.3	92.4	95.3	96.2	97.3	97.9	97.9	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 800	74.0	85.9	90.3	92.4	95.3	96.2	97.3	98.0	98.0	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 700	74.0	85.9	90.4	92.5	95.5	96.4	97.5	98.1	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
≥ 600	74.0	85.9	90.4	92.5	95.5	96.5	97.7	98.3	98.4	99.0	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	74.0	85.9	90.4	92.7	95.8	96.9	98.1	98.7	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	74.0	85.9	90.4	92.7	95.8	96.9	98.1	98.7	98.8	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300	74.0	85.9	90.4	92.9	96.0	97.0	98.3	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	74.0	85.9	90.4	92.9	96.0	97.0	98.3	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	74.0	85.9	90.4	92.9	96.0	97.0	98.3	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	74.0	85.9	90.4	92.9	96.0	97.0	98.3	99.0	99.1	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

USAFETAC FORM AR 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24261 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	42.7	54.6	57.7	59.8	61.4	61.7	62.5	62.7	62.8	63.2	63.2	63.3	63.4	63.4	63.4	63.5
≥ 20000	44.4	57.1	60.3	62.8	64.7	65.0	65.8	66.0	66.1	66.6	66.6	66.7	66.8	66.8	66.8	66.9
≥ 18000	44.4	57.1	60.3	62.8	64.7	65.0	65.8	66.0	66.1	66.6	66.6	66.7	66.8	66.8	66.8	66.9
≥ 16000	44.5	57.2	60.4	62.9	64.8	65.1	65.9	66.1	66.3	66.7	66.7	66.8	66.9	66.9	66.9	67.0
≥ 14000	44.6	57.4	60.6	63.1	65.0	65.3	66.1	66.4	66.5	66.9	66.9	67.0	67.1	67.1	67.1	67.2
≥ 12000	45.5	58.6	61.9	64.4	66.3	66.6	67.4	67.6	67.7	68.1	68.1	68.2	68.3	68.3	68.3	68.4
≥ 10000	46.4	59.6	62.8	65.3	67.2	67.5	68.3	68.5	68.6	69.1	69.1	69.2	69.3	69.3	69.3	69.4
≥ 9000	47.6	61.3	64.5	67.0	68.9	69.2	70.0	70.2	70.3	70.7	70.7	70.8	70.9	70.9	70.9	71.0
≥ 8000	48.9	63.4	66.8	69.3	71.1	71.5	72.3	72.5	72.6	73.0	73.0	73.1	73.2	73.2	73.2	73.3
≥ 7000	51.1	66.6	70.2	72.7	74.6	74.9	75.7	75.9	76.0	76.5	76.5	76.6	76.7	76.7	76.7	76.8
≥ 6000	52.6	68.6	72.3	74.8	76.7	77.0	77.8	78.0	78.1	78.5	78.5	78.6	78.8	78.8	78.8	78.9
≥ 5000	54.7	71.5	75.2	77.8	79.9	80.2	81.1	81.4	81.5	81.9	81.9	82.0	82.1	82.1	82.1	82.2
≥ 4500	55.5	72.6	76.4	79.0	81.1	81.5	82.4	82.6	82.7	83.1	83.1	83.2	83.3	83.3	83.3	83.4
≥ 4000	56.9	74.8	78.5	81.3	83.4	83.8	84.7	84.9	85.0	85.4	85.4	85.5	85.6	85.6	85.6	85.7
≥ 3500	58.1	76.6	80.8	83.5	85.7	86.0	87.0	87.2	87.3	87.7	87.7	87.8	87.9	87.9	87.9	88.0
≥ 3000	59.9	79.0	83.3	86.0	88.3	88.6	89.6	89.8	89.9	90.3	90.3	90.4	90.5	90.5	90.5	90.6
≥ 2500	60.5	80.1	84.6	87.3	89.6	89.9	90.9	91.1	91.3	91.7	91.7	91.8	91.9	91.9	91.9	92.0
≥ 2000	62.3	82.9	87.4	90.3	92.8	93.3	94.6	94.8	94.9	95.3	95.3	95.4	95.5	95.5	95.5	95.6
≥ 1800	62.7	83.5	88.0	90.9	93.4	94.0	95.2	95.4	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.2
≥ 1500	63.1	84.3	88.9	91.8	94.3	94.8	96.0	96.4	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.2
≥ 1200	63.4	84.9	89.5	92.5	95.2	95.7	97.1	97.4	97.5	98.1	98.1	98.2	98.3	98.3	98.3	98.4
≥ 1000	63.5	85.0	89.6	92.6	95.3	95.8	97.2	97.6	97.7	98.3	98.3	98.4	98.5	98.5	98.6	98.7
≥ 900	63.5	85.0	89.6	92.6	95.3	95.8	97.2	97.6	97.7	98.3	98.3	98.4	98.5	98.5	98.6	98.7
≥ 800	63.5	85.0	89.7	92.7	95.4	95.9	97.4	97.8	97.9	98.5	98.5	98.6	98.8	98.8	98.9	99.0
≥ 700	63.5	85.0	89.7	92.7	95.4	95.9	97.4	97.8	97.9	98.5	98.5	98.6	98.8	98.8	98.9	99.0
≥ 600	63.5	85.0	89.9	92.9	95.7	96.3	97.7	98.1	98.2	98.9	98.9	99.0	99.1	99.1	99.2	99.3
≥ 500	63.5	85.0	90.1	93.2	96.0	96.6	98.0	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 400	63.5	85.0	90.1	93.2	96.0	96.6	98.0	98.4	98.5	99.2	99.3	99.4	99.5	99.5	99.6	99.7
≥ 300	63.5	85.0	90.1	93.2	96.0	96.6	98.1	98.5	98.6	99.3	99.4	99.5	99.6	99.6	99.7	99.8
≥ 200	63.5	85.0	90.1	93.2	96.0	96.6	98.1	98.5	98.6	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 100	63.5	85.0	90.1	93.2	96.0	96.6	98.1	98.5	98.6	99.4	99.5	99.6	99.7	99.7	99.8	99.9
≥ 0	63.5	85.0	90.1	93.2	96.0	96.6	98.1	98.5	98.6	99.4	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-14-3 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	16.4	26.2	30.4	32.6	35.7	36.2	37.2	37.8	38.4	39.5	40.4	40.7	41.5	42.0	43.0	44.5
≥ 20000	17.5	28.5	32.8	35.0	38.4	39.0	40.0	40.6	41.2	42.3	43.2	43.8	44.3	44.9	45.9	47.4
≥ 18000	17.5	28.5	32.8	35.0	38.4	39.0	40.0	40.6	41.2	42.3	43.2	43.5	44.3	44.9	45.9	47.4
≥ 16000	17.6	28.6	32.9	35.2	38.5	39.1	40.1	40.7	41.3	42.4	43.3	43.6	44.4	45.0	46.0	47.5
≥ 14000	17.9	28.8	33.3	35.5	39.0	39.5	40.5	41.2	41.7	42.9	43.8	44.1	44.9	45.4	46.4	48.0
≥ 12000	18.4	30.0	34.7	36.9	40.4	41.2	42.5	43.2	43.8	44.9	45.8	46.1	46.9	47.4	48.4	50.1
≥ 10000	19.8	32.5	37.3	39.6	43.2	44.0	45.3	46.0	46.5	47.7	48.5	48.9	49.7	50.2	51.2	52.9
≥ 9000	20.3	33.1	38.2	40.5	44.2	45.0	46.4	47.1	47.7	48.8	49.7	50.0	50.8	51.3	52.3	54.0
≥ 8000	22.8	36.9	42.4	44.9	48.5	49.6	51.1	51.8	52.3	53.5	54.4	54.7	55.5	56.0	57.0	58.7
≥ 7000	24.2	40.3	46.0	48.4	52.2	53.3	55.1	55.8	56.4	57.5	58.4	58.7	59.5	60.0	61.0	62.7
≥ 6000	26.5	43.6	49.4	51.9	55.7	56.9	58.7	59.4	59.9	61.0	61.9	62.3	63.1	63.6	64.6	66.3
≥ 5000	28.7	47.8	53.7	56.1	59.9	61.4	63.2	63.8	64.4	65.5	66.4	66.7	67.5	68.1	69.1	70.8
≥ 4500	29.4	49.0	55.1	57.6	61.4	62.8	64.6	65.3	65.8	67.0	67.9	68.2	69.0	69.5	70.5	72.2
≥ 4000	30.7	51.5	57.7	60.2	64.0	65.4	67.2	67.9	68.4	69.5	70.4	70.8	71.5	72.1	73.1	74.8
≥ 3500	32.6	54.4	61.0	63.5	67.3	68.8	70.5	71.2	71.8	72.9	73.8	74.1	74.9	75.4	76.5	78.1
≥ 3000	35.0	57.7	64.5	67.2	71.1	72.5	74.3	75.0	75.6	76.7	77.6	77.9	78.7	79.2	80.2	81.9
≥ 2500	37.3	60.8	67.9	70.5	74.4	75.9	77.8	78.6	79.1	80.2	81.1	81.5	82.3	82.8	83.8	85.5
≥ 2000	39.1	63.4	70.5	73.3	77.3	78.8	80.8	81.6	82.1	83.3	84.2	84.5	85.3	85.8	86.8	88.5
≥ 1800	39.3	63.6	70.8	73.7	77.7	79.1	81.1	81.9	82.5	83.6	84.5	84.8	85.6	86.2	87.2	88.8
≥ 1500	40.0	64.8	72.0	74.9	78.9	80.4	82.4	83.1	83.7	84.8	85.7	86.0	86.8	87.4	88.4	90.1
≥ 1200	40.6	65.8	73.2	76.5	80.6	82.0	84.2	85.0	85.6	86.7	87.6	87.9	88.7	89.3	90.3	92.0
≥ 1000	40.7	66.1	73.8	77.0	81.1	82.6	84.8	85.7	86.3	87.5	88.4	88.7	89.5	90.1	91.1	92.7
≥ 900	40.7	66.1	73.8	77.1	81.3	82.8	85.0	85.9	86.5	87.7	88.6	89.0	89.7	90.3	91.3	93.0
≥ 800	41.0	66.4	74.2	77.9	82.0	83.6	85.8	86.8	87.4	88.6	89.5	89.8	90.6	91.2	92.2	93.9
≥ 700	41.0	66.5	74.3	78.0	82.1	83.7	85.9	86.9	87.6	88.8	89.7	90.1	90.8	91.4	92.4	94.1
≥ 600	41.1	66.7	74.8	78.6	82.7	84.3	86.5	87.5	88.2	89.5	90.4	90.7	91.5	92.1	93.1	94.8
≥ 500	41.1	66.7	74.9	78.7	82.8	84.4	86.9	87.9	88.6	90.0	91.1	91.4	92.2	92.7	93.8	95.4
≥ 400	41.3	67.0	75.1	78.9	83.0	84.6	87.4	88.4	89.1	90.4	91.5	91.9	92.6	93.2	94.2	95.9
≥ 300	41.3	67.0	75.1	78.9	83.0	84.7	87.6	88.7	89.4	90.8	92.0	92.3	93.2	93.8	94.9	96.5
≥ 200	41.3	67.0	75.1	78.9	83.0	84.7	87.7	89.2	90.1	91.5	92.9	93.3	94.3	94.9	96.0	97.7
≥ 100	41.3	67.0	75.1	78.9	83.0	84.7	87.7	89.3	90.3	91.7	93.2	93.6	94.8	95.6	96.8	99.1
≥ 0	41.3	67.0	75.1	78.9	83.0	84.7	87.7	89.3	90.3	91.7	93.2	93.6	94.8	95.6	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 896

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	11.2	18.2	22.6	25.0	26.7	27.3	29.7	30.6	31.0	31.5	32.3	32.7	34.1	34.6	35.5	37.4
≥ 20000	13.1	20.7	25.3	27.9	29.6	30.4	32.9	33.9	34.3	34.7	35.7	36.1	37.6	38.2	39.1	41.0
≥ 18000	13.1	20.7	25.3	27.9	29.6	30.4	32.9	33.9	34.3	34.7	35.7	36.1	37.6	38.2	39.1	41.0
≥ 16000	13.1	20.7	25.3	27.9	29.6	30.4	32.9	33.9	34.3	34.7	35.7	36.1	37.6	38.2	39.1	41.0
≥ 14000	13.3	20.9	25.6	28.1	29.8	30.6	33.2	34.1	34.5	35.0	35.9	36.3	37.8	38.4	39.3	41.2
≥ 12000	14.0	22.0	26.6	29.4	31.0	31.9	34.4	35.5	35.9	36.4	37.4	37.8	39.3	39.9	40.8	42.8
≥ 10000	15.4	24.9	29.6	32.4	34.1	35.0	37.5	38.5	39.0	39.5	40.4	40.9	42.3	43.0	43.8	45.8
≥ 9000	16.2	26.2	30.8	33.7	35.4	36.2	38.8	39.8	40.2	40.8	41.7	42.1	43.6	44.2	45.1	47.1
≥ 8000	18.2	29.4	34.3	37.4	39.1	39.9	42.4	43.7	44.1	44.7	45.6	46.0	47.5	48.2	49.0	51.0
≥ 7000	21.2	32.8	37.8	41.1	42.9	43.7	46.3	47.5	47.9	48.5	49.4	49.8	51.3	52.0	52.8	54.8
≥ 6000	22.2	35.0	40.2	43.6	45.4	46.3	48.8	50.3	50.7	51.2	52.2	52.6	54.1	54.7	55.5	57.6
≥ 5000	24.0	38.0	43.9	47.3	49.4	50.3	52.8	54.3	54.7	55.2	56.2	56.6	58.1	58.7	59.6	61.6
≥ 4500	25.1	40.2	46.5	49.9	52.2	53.0	55.5	57.0	57.4	58.0	58.9	59.3	60.8	61.5	62.3	64.3
≥ 4000	27.7	44.0	50.4	53.9	56.1	56.9	59.5	60.9	61.4	61.9	62.8	63.3	64.7	65.4	66.2	68.2
≥ 3500	30.7	47.8	55.1	58.6	60.8	61.7	64.2	65.7	66.1	66.6	67.6	68.0	69.5	70.1	71.0	73.0
≥ 3000	32.9	51.2	58.5	62.1	64.4	65.3	67.8	69.3	69.7	70.2	71.2	71.6	73.1	73.7	74.6	76.6
≥ 2500	34.1	53.3	60.8	64.6	66.9	67.8	70.6	72.1	72.5	73.1	74.0	74.4	75.9	76.6	77.4	79.4
≥ 2000	35.5	56.0	63.7	67.6	70.1	71.0	73.9	75.4	75.8	76.3	77.3	77.7	79.2	79.8	80.7	82.7
≥ 1800	35.8	56.5	64.2	68.1	70.9	71.7	74.9	76.3	76.8	77.3	78.2	78.7	80.1	80.8	81.6	83.6
≥ 1500	36.3	57.3	65.0	69.0	71.7	72.5	75.9	77.4	77.8	78.4	79.3	79.7	81.2	81.8	82.7	84.7
≥ 1200	37.1	58.4	66.5	70.4	73.2	74.0	77.4	79.0	79.5	80.0	81.0	81.4	82.9	83.5	84.4	86.4
≥ 1000	37.4	58.9	67.2	71.1	73.8	74.7	78.0	79.6	80.1	80.7	81.6	82.0	83.5	84.2	85.0	87.0
≥ 900	37.4	59.2	67.5	71.6	74.3	75.2	78.6	80.1	80.7	81.2	82.2	82.6	84.1	84.7	85.5	87.5
≥ 800	37.5	59.5	67.7	72.1	74.9	75.7	79.3	81.0	81.5	82.0	83.0	83.4	84.9	85.5	86.4	88.4
≥ 700	37.5	59.5	67.7	72.1	75.0	75.8	79.5	81.2	81.7	82.3	83.2	83.6	85.1	85.7	86.6	88.6
≥ 600	37.5	59.5	67.8	72.2	75.6	76.6	80.5	82.4	82.9	83.5	84.5	84.9	86.4	87.0	87.9	89.9
≥ 500	37.5	59.5	67.9	72.3	75.8	76.8	80.8	82.7	83.2	83.8	84.8	85.2	86.7	87.3	88.2	90.2
≥ 400	37.5	59.5	67.9	72.3	75.8	76.8	80.9	82.9	83.4	84.2	85.1	85.5	87.0	87.6	88.5	90.5
≥ 300	37.6	59.7	68.1	72.5	76.0	77.2	81.4	83.4	84.2	84.9	86.0	86.4	88.0	88.6	89.5	91.7
≥ 200	37.7	59.9	68.3	72.9	76.3	77.5	81.7	83.8	84.7	85.6	87.1	87.6	89.4	90.3	91.4	93.7
≥ 100	37.7	59.9	68.3	72.9	76.3	77.5	81.7	83.8	84.7	86.0	87.5	88.1	90.1	91.0	92.5	96.5
≥ 0	37.7	59.9	68.3	72.9	76.3	77.5	81.7	83.8	84.7	86.1	87.8	88.3	90.3	91.3	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 947

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) CT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0900 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	12.3	14.7	16.0	16.8	17.6	17.9	18.5	19.4	19.9	20.3	20.7	21.0	21.3	21.9	22.7	23.5
≥ 20000	16.0	19.1	20.5	21.9	22.8	23.3	24.2	25.1	25.6	26.1	26.9	27.2	28.0	28.6	29.4	30.6
≥ 18000	16.1	19.2	20.6	22.0	22.8	23.4	24.3	25.2	25.7	26.2	27.0	27.3	28.0	28.7	29.5	30.6
≥ 16000	16.4	19.4	20.9	22.2	23.2	23.7	24.6	25.5	26.1	26.5	27.3	27.7	28.4	29.1	29.9	31.1
≥ 14000	17.2	20.3	21.7	23.0	24.0	24.6	25.4	26.3	26.9	27.3	28.1	28.6	29.3	30.0	30.8	32.0
≥ 12000	18.5	22.0	23.5	24.8	25.8	26.3	27.2	28.2	28.9	29.5	30.3	30.7	31.5	32.2	33.[illegible]	34.1
≥ 10000	20.1	24.0	25.5	27.1	28.0	28.7	29.6	30.6	31.2	31.8	32.6	33.1	33.8	34.5	35.3	36.5
≥ 9000	20.9	24.9	26.5	28.2	29.2	29.8	30.7	31.7	32.3	33.0	33.8	34.[illegible]	34.9	35.7	36.[illegible]	37.6
≥ 8000	23.9	28.4	30.0	31.8	33.0	33.6	34.5	35.6	36.2	37.0	37.9	38.4	39.2	39.9	40.7	41.8
≥ 7000	25.9	31.2	32.9	34.9	36.1	36.8	37.7	38.9	39.5	40.3	41.2	41.7	42.5	43.2	44.[illegible]	45.2
≥ 6000	27.4	33.2	34.9	36.9	38.3	39.0	40.0	41.[illegible]	41.8	42.6	43.5	43.9	44.7	45.4	46.[illegible]	47.4
≥ 5000	29.4	36.1	38.2	40.4	41.8	42.5	43.5	44.6	45.3	46.1	47.1	47.[illegible]	48.4	49.1	50.[illegible]	51.[illegible]
≥ 4500	30.9	38.8	41.2	43.6	45.0	45.7	46.7	47.8	48.6	49.4	50.4	50.8	51.6	52.3	53.2	54.4
≥ 4000	35.0	44.0	46.9	49.4	50.7	51.5	52.5	53.7	54.4	55.2	56.2	56.7	57.6	58.4	59.3	60.[illegible]
≥ 3500	37.0	46.8	50.0	52.5	54.1	54.9	56.0	57.2	57.9	58.9	59.9	60.4	61.3	62.1	63.0	64.2
≥ 3000	38.4	49.2	52.7	55.4	57.0	57.8	59.0	60.1	60.8	61.9	62.9	63.4	64.3	65.1	66.[illegible]	67.2
≥ 2500	41.3	52.9	56.6	59.5	61.4	62.2	63.4	64.6	65.3	66.4	67.4	68.0	68.9	69.7	70.6	72.0
≥ 2000	43.5	56.5	60.5	63.4	65.7	66.5	68.0	69.2	69.9	71.1	72.0	72.7	73.6	74.4	75.3	76.[illegible]
≥ 1800	43.8	56.8	60.8	63.8	66.1	66.9	68.5	69.6	70.3	71.5	72.5	73.1	74.0	74.8	75.7	77.1
≥ 1500	44.7	58.3	62.5	65.4	67.8	68.6	70.4	71.7	72.4	73.6	74.6	75.2	76.1	76.9	77.8	79.1
≥ 1200	45.4	59.1	63.4	66.5	68.9	69.7	71.5	72.8	73.5	74.6	75.6	76.3	77.2	78.0	78.9	80.[illegible]
≥ 1000	45.7	59.4	63.6	66.8	69.4	70.3	72.0	73.3	74.1	75.3	76.3	76.[illegible]	77.9	78.7	79.7	81.[illegible]
≥ 900	45.7	59.5	63.8	67.0	69.5	70.4	72.2	73.5	74.3	75.4	76.4	77.1	78.0	78.9	79.8	81.2
≥ 800	45.9	59.7	64.2	67.6	70.3	71.1	73.0	74.4	75.2	76.3	77.3	78.0	79.0	79.8	80.8	82.2
≥ 700	45.9	59.7	64.2	67.7	70.9	71.8	73.7	75.1	75.9	77.2	78.1	78.9	79.8	80.6	81.6	83.0
≥ 600	46.0	59.9	64.4	67.8	71.1	72.0	74.0	75.4	76.2	77.4	78.4	79.2	80.2	81.0	82.0	83.[illegible]
≥ 500	46.1	59.9	64.6	68.0	71.3	72.3	74.4	76.0	76.9	78.2	79.3	80.1	81.2	82.0	83.1	84.4
≥ 400	46.1	59.9	64.6	68.3	71.8	72.9	75.1	77.0	77.9	79.4	80.7	81.5	82.8	83.6	84.7	86.1
≥ 300	46.1	59.9	64.6	68.3	71.8	72.9	75.3	77.3	78.2	80.3	81.9	82.7	84.2	85.1	86.3	88.0
≥ 200	46.1	59.9	64.6	68.3	71.8	72.9	75.3	77.3	78.2	80.4	82.2	83.2	85.2	86.2	87.8	90.[illegible]
≥ 100	46.1	59.9	64.6	68.3	71.8	72.9	75.3	77.3	78.2	80.4	82.3	83.3	85.8	87.0	89.2	95.6
0	46.1	59.9	64.6	68.3	71.8	72.9	75.3	77.3	78.2	80.4	82.3	83.3	85.9	87.2	89.4	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	16.0	18.5	19.7	21.1	22.2	22.7	23.2	23.5	23.7	23.7	23.8	23.8	24.0	24.0	24.0	24.1
≥ 20000	22.3	25.7	27.2	28.9	30.1	30.8	31.7	32.1	32.3	32.3	32.6	32.7	32.9	32.9	32.9	33.1
≥ 18000	22.3	25.8	27.3	29.0	30.3	31.0	31.9	32.3	32.4	32.5	32.8	32.9	33.1	33.1	33.1	33.2
≥ 16000	22.5	26.0	27.5	29.2	30.5	31.2	32.1	32.4	32.6	32.7	33.0	33.1	33.2	33.2	33.2	33.4
≥ 14000	24.2	28.0	29.5	31.2	32.4	33.2	34.2	34.7	34.9	34.9	35.3	35.4	35.6	35.6	35.6	35.8
≥ 12000	25.9	30.1	31.9	33.6	34.9	35.6	36.6	37.1	37.3	37.4	37.7	37.8	38.0	38.0	38.0	38.2
≥ 10000	28.9	33.2	34.9	36.7	38.0	38.7	39.8	40.2	40.4	40.5	40.9	40.7	41.1	41.1	41.1	41.3
≥ 9000	30.5	34.8	36.6	38.6	39.9	40.6	41.7	42.1	42.3	42.4	42.7	42.8	43.0	43.0	43.0	43.2
≥ 8000	34.1	38.7	40.7	42.8	44.2	45.0	46.1	46.5	46.7	46.9	47.2	47.3	47.5	47.5	47.5	47.7
≥ 7000	37.0	41.8	43.9	46.1	47.4	48.2	49.3	49.7	49.9	50.1	50.4	50.5	50.7	50.7	50.7	50.9
≥ 6000	38.1	43.1	45.2	47.6	49.2	50.1	51.2	51.7	51.9	52.2	52.5	52.6	52.8	52.8	52.8	53.0
≥ 5000	40.4	46.5	48.7	51.2	52.9	53.8	54.8	55.4	55.6	55.9	56.1	56.4	56.5	56.5	56.5	56.7
≥ 4500	41.5	47.9	50.3	52.8	54.7	55.6	56.6	57.2	57.4	57.7	58.1	58.2	58.3	58.3	58.3	58.5
≥ 4000	44.[illegible]	51.0	53.4	56.1	58.1	59.0	60.0	60.6	60.9	61.2	61.6	61.6	61.8	61.8	61.8	62.0
≥ 3500	47.[illegible]	54.3	56.8	59.5	61.5	62.5	63.5	64.1	64.4	64.7	65.1	65.1	65.3	65.3	65.3	65.5
≥ 3000	48.9	56.7	59.6	62.5	64.6	65.8	66.9	67.5	67.8	68.1	68.5	68.5	68.7	68.7	68.7	68.9
≥ 2500	51.3	60.0	63.1	66.5	68.6	69.8	71.1	71.7	72.0	72.3	72.7	72.8	72.9	72.9	72.9	73.1
≥ 2000	54.0	63.7	66.9	70.7	72.9	74.1	75.5	76.1	76.4	76.8	77.2	77.2	77.4	77.4	77.4	77.6
≥ 1800	54.7	64.7	67.9	71.7	74.0	75.2	76.6	77.2	77.5	77.9	78.2	78.3	78.5	78.5	78.5	78.7
≥ 1500	55.5	65.8	69.1	72.8	75.6	76.8	78.2	78.9	79.2	79.6	79.9	80.0	80.2	80.2	80.2	80.4
≥ 1200	56.0	66.7	70.2	74.1	77.0	78.1	79.6	80.3	80.6	81.1	81.5	81.6	81.8	81.8	81.8	82.0
≥ 1000	56.3	67.2	70.9	74.9	78.0	79.1	80.6	81.5	81.8	82.3	82.7	82.8	83.0	83.0	83.0	83.2
≥ 900	56.3	67.3	71.1	75.4	78.5	79.7	81.3	82.1	82.4	82.9	83.3	83.4	83.6	83.6	83.6	83.8
≥ 800	56.4	67.7	71.4	75.9	79.1	80.6	82.5	83.6	84.0	84.6	85.0	85.1	85.3	85.3	85.3	85.5
≥ 700	56.4	68.0	71.9	76.5	80.0	81.5	83.6	84.7	85.1	85.8	86.2	86.3	86.5	86.5	86.5	86.6
≥ 600	56.4	68.2	72.0	76.7	80.6	82.2	84.9	86.4	86.9	87.7	88.1	88.4	88.5	88.5	88.5	88.7
≥ 500	56.4	68.3	72.1	77.0	80.8	82.7	85.7	87.6	88.2	89.3	89.9	90.0	90.2	90.2	90.2	90.4
≥ 400	56.4	68.4	72.2	77.1	81.0	82.9	86.0	88.1	88.8	90.2	90.9	91.1	91.6	91.6	91.6	91.7
≥ 300	56.4	68.4	72.2	77.1	81.0	82.9	86.0	88.3	89.1	90.5	91.8	92.1	92.7	92.8	92.9	93.4
≥ 200	56.4	68.4	72.2	77.1	81.0	82.9	86.0	88.3	89.1	90.6	91.9	92.7	93.5	94.0	94.4	95.3
≥ 100	56.4	68.4	72.2	77.1	81.0	82.9	86.0	88.3	89.1	90.6	91.9	92.7	93.7	94.3	94.7	95.4
≥ 0	56.4	68.4	72.2	77.1	81.0	82.9	86.0	88.3	89.1	90.6	91.9	92.7	93.7	94.3	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 39,60-70 YEARS — OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	20.6	24.5	25.7	27.4	28.6	30.0	30.4	30.7	30.8	30.8	30.8	30.9	30.9	30.9	30.9	30.9
≥ 20000	27.9	32.6	34.3	36.6	38.0	39.6	40.1	40.7	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9
≥ 18000	28.0	32.7	34.4	36.7	38.1	39.7	40.2	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 16000	28.5	33.2	34.9	37.3	38.6	40.2	40.8	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5
≥ 14000	30.0	34.8	36.5	38.9	40.2	41.8	42.4	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1
≥ 12000	32.3	37.7	39.4	42.0	43.5	45.1	45.6	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3
≥ 10000	34.8	40.2	41.9	44.5	46.0	47.6	48.1	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8
≥ 9000	36.5	41.9	43.6	46.2	47.7	49.3	49.8	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5
≥ 8000	39.5	45.7	47.4	50.0	51.4	53.0	53.7	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
≥ 7000	41.6	48.4	50.1	52.7	54.1	55.7	56.5	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2
≥ 6000	42.2	49.2	50.9	53.9	55.3	56.9	57.6	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3
≥ 5000	44.4	52.6	54.9	58.1	59.6	61.2	61.9	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6
≥ 4500	45.9	54.7	57.1	60.2	61.7	63.4	64.1	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
≥ 4000	49.5	58.5	61.3	64.5	66.0	67.7	68.4	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1
≥ 3500	51.3	60.6	63.9	67.3	68.9	70.5	71.2	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3000	54.6	65.0	68.4	72.0	73.6	75.3	76.2	76.8	76.9	76.9	77.0	77.1	77.1	77.1	77.1	77.1
≥ 2500	59.3	71.0	75.2	79.0	80.6	82.3	83.3	84.1	84.1	84.1	84.2	84.3	84.3	84.3	84.3	84.3
≥ 2000	63.2	75.7	80.3	84.4	86.1	87.9	89.0	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
≥ 1800	63.5	76.3	80.8	85.0	86.8	88.6	89.7	90.4	90.5	90.5	90.6	90.7	90.7	90.7	90.7	90.7
≥ 1500	64.9	77.8	82.4	86.7	88.7	90.5	91.8	92.7	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0
≥ 1200	65.2	78.7	83.5	87.9	89.9	91.7	92.9	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 1000	65.2	78.8	83.8	88.4	90.4	92.2	93.5	94.7	94.9	95.0	95.1	95.2	95.2	95.2	95.2	95.2
≥ 900	65.2	78.9	84.0	88.7	90.9	92.8	94.2	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8
≥ 800	65.2	78.9	84.1	88.9	91.6	93.5	95.3	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0
≥ 700	65.4	79.1	84.3	89.2	91.9	94.0	95.7	97.0	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6
≥ 600	65.4	79.1	84.3	89.2	92.0	94.1	96.0	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0
≥ 500	65.4	79.1	84.3	89.2	92.0	94.2	96.2	97.9	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9
≥ 400	65.4	79.1	84.3	89.2	92.0	94.2	96.2	98.0	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4
≥ 300	65.4	79.1	84.3	89.2	92.0	94.2	96.2	98.1	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.9
≥ 200	65.4	79.1	84.3	89.2	92.0	94.2	96.2	98.1	98.6	99.1	99.6	99.7	99.8	99.8	99.8	99.9
≥ 100	65.4	79.1	84.3	89.2	92.0	94.2	96.2	98.1	98.6	99.1	99.6	99.7	99.8	99.8	99.9	100.0
≥ 0	65.4	79.1	84.3	89.2	92.0	94.2	96.2	98.1	98.6	99.1	99.6	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) CT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	29.1	31.9	33.1	34.3	35.5	35.6	35.8	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2
≥ 20000	36.2	42.7	44.2	46.1	47.6	47.8	48.0	48.2	48.2	48.3	48.4	48.4	48.4	48.4	48.4	48.4
≥ 18000	38.3	42.8	44.3	46.2	47.7	47.9	48.1	48.3	48.3	48.4	48.5	48.5	48.5	48.5	48.5	48.5
≥ 16000	38.8	43.5	45.0	46.9	48.5	48.7	48.9	49.1	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.3
≥ 14000	41.3	46.0	47.5	49.4	51.0	51.2	51.4	51.6	51.6	51.7	51.8	51.8	51.8	51.8	51.8	51.8
≥ 12000	42.4	47.4	48.9	50.8	52.4	52.6	52.7	52.9	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2
≥ 10000	45.2	50.3	51.9	53.9	55.5	55.7	55.9	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3
≥ 9000	46.3	51.5	53.2	55.2	56.8	57.0	57.2	57.4	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7
≥ 8000	49.7	55.3	57.1	59.1	60.7	60.9	61.2	61.3	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6
≥ 7000	50.2	56.2	58.2	60.2	62.4	64.1	64.4	64.8	64.9	64.9	65.1	65.2	65.2	65.2	65.2	65.2
≥ 6000	54.4	59.6	61.7	63.9	65.8	66.1	66.5	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	55.8	63.0	65.3	67.8	69.9	70.3	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	57.6	65.5	67.8	70.4	72.6	73.0	73.4	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 4000	60.8	69.2	71.7	74.3	76.9	77.4	77.8	78.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	63.1	72.0	74.6	77.5	80.0	80.5	81.1	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	66.0	75.7	78.8	81.9	84.5	85.1	85.7	85.9	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 2500	68.7	79.0	82.3	85.4	88.3	89.1	89.8	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	70.7	82.2	85.9	89.1	92.0	92.8	93.5	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	71.0	83.0	87.0	90.2	93.3	94.2	95.0	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	71.3	83.3	87.4	90.9	94.2	95.1	95.9	96.1	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	71.4	83.6	87.7	91.6	94.8	95.7	96.5	96.8	96.8	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	71.5	83.7	87.8	91.7	95.4	96.3	97.1	97.4	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	71.5	83.8	87.9	91.7	95.6	96.5	97.3	97.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	71.5	83.9	88.0	91.8	95.7	96.6	97.8	98.4	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	71.5	83.9	88.1	91.9	95.8	96.8	97.9	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	71.5	84.1	88.3	92.1	96.0	97.0	98.1	98.8	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.1	99.1	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	71.5	84.1	88.3	92.1	96.0	97.0	98.4	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1111

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | CT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	31.4	37.6	38.5	39.4	40.7	41.3	42.0	42.7	42.8	43.3	43.6	43.7	43.9	43.9	44.0	44.0
≥ 20000	36.7	44.7	46.2	47.3	48.7	49.3	50.0	50.7	50.8	51.3	51.6	51.7	51.9	51.9	52.0	52.0
≥ 18000	36.7	44.8	46.3	47.5	48.8	49.5	50.2	50.9	51.0	51.4	51.8	51.9	52.1	52.1	52.2	52.2
≥ 16000	36.8	45.0	46.5	47.8	49.2	49.8	50.5	51.3	51.3	51.8	52.2	52.2	52.4	52.4	52.5	52.5
≥ 14000	38.2	46.4	47.9	49.3	50.6	51.3	52.0	52.7	52.8	53.2	53.6	53.7	53.9	53.9	53.9	53.9
≥ 12000	39.3	47.9	49.7	51.2	52.5	53.1	53.9	54.6	54.7	55.1	55.5	55.6	55.7	55.7	55.8	55.8
≥ 10000	40.6	49.6	51.6	53.0	54.4	55.0	55.9	56.6	56.7	57.2	57.5	57.6	57.8	57.8	57.9	57.9
≥ 9000	41.9	51.3	53.5	54.9	56.3	56.9	57.8	58.5	58.7	59.1	59.5	59.6	59.8	59.8	59.9	59.9
≥ 8000	44.9	55.2	57.4	59.2	60.7	61.3	62.2	62.9	63.1	63.5	63.9	64.0	64.2	64.2	64.2	64.2
≥ 7000	47.4	58.3	60.8	62.9	64.3	65.0	65.9	66.6	66.8	67.2	67.6	67.7	67.8	67.8	67.9	67.9
≥ 6000	49.1	60.7	63.3	65.3	66.9	67.6	68.5	69.2	69.4	69.8	70.2	70.3	70.4	70.4	70.5	70.5
≥ 5000	51.8	64.0	66.6	68.7	70.4	71.1	72.0	72.7	72.8	73.3	73.7	73.7	73.9	73.9	74.0	74.0
≥ 4500	54.1	67.0	69.9	72.0	73.7	74.4	75.3	76.0	76.2	76.6	77.0	77.1	77.2	77.2	77.3	77.3
≥ 4000	57.6	71.3	74.3	76.6	78.3	78.9	80.0	80.7	81.0	81.5	81.8	81.9	82.1	82.1	82.2	82.2
≥ 3500	59.1	73.8	77.0	79.4	81.1	81.7	82.8	83.5	83.8	84.2	84.6	84.7	84.9	84.9	84.9	84.9
≥ 3000	61.0	76.5	80.2	82.8	84.6	85.2	86.3	87.0	87.3	87.7	88.1	88.2	88.4	88.4	88.4	88.4
≥ 2500	63.0	79.6	83.7	86.6	88.6	89.2	90.4	91.3	91.6	92.0	92.4	92.5	92.7	92.7	92.7	92.7
≥ 2000	63.7	80.6	84.9	88.1	90.3	91.0	92.2	93.2	93.5	94.0	94.4	94.4	94.6	94.6	94.7	94.7
≥ 1800	64.2	81.3	85.6	88.8	91.2	92.0	93.2	94.2	94.5	95.0	95.3	95.4	95.6	95.6	95.7	95.7
≥ 1500	64.6	82.2	86.5	89.8	92.4	93.3	94.5	95.5	95.9	96.3	96.7	96.8	97.0	97.0	97.0	97.0
≥ 1200	64.7	82.3	86.6	90.0	92.6	93.5	94.9	96.0	96.3	96.8	97.1	97.2	97.4	97.4	97.5	97.5
≥ 1000	64.9	82.5	86.8	90.2	93.2	94.1	95.5	96.7	97.0	97.5	97.8	97.9	98.1	98.1	98.2	98.2
≥ 900	64.9	82.5	87.0	90.4	93.5	94.4	95.9	97.0	97.4	97.8	98.2	98.3	98.5	98.5	98.6	98.6
≥ 800	64.9	82.5	87.0	90.4	93.5	94.4	96.0	97.1	97.5	97.9	98.4	98.5	98.7	98.7	98.7	98.7
≥ 700	64.9	82.5	87.1	90.5	93.6	94.6	96.2	97.5	97.8	98.3	98.7	98.8	99.0	99.0	99.1	99.1
≥ 600	64.9	82.5	87.1	90.5	93.6	94.6	96.2	97.5	97.8	98.3	98.7	98.8	99.0	99.0	99.1	99.1
≥ 500	64.9	82.6	87.2	90.6	93.7	94.7	96.3	97.6	97.9	98.4	99.0	99.1	99.3	99.3	99.4	99.4
≥ 400	64.9	82.6	87.2	90.6	93.8	94.8	96.4	97.8	98.4	98.8	99.5	99.6	99.7	99.7	99.8	99.8
≥ 300	64.9	82.6	87.2	90.6	93.8	94.8	96.4	97.8	98.5	98.9	99.6	99.6	99.8	99.8	99.9	99.9
≥ 200	64.9	82.6	87.2	90.6	93.8	94.8	96.4	97.8	98.6	99.0	99.6	99.7	99.9	99.9	100.0	100.0
≥ 100	64.9	82.6	87.2	90.6	93.8	94.8	96.4	97.8	98.6	99.0	99.6	99.7	99.9	99.9	100.0	100.0
≥ 0	64.9	82.6	87.2	90.6	93.8	94.8	96.4	97.8	98.6	99.0	99.6	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) CT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	27.0	37.7	39.8	40.9	42.6	42.7	43.5	44.2	44.7	45.5	46.1	46.2	46.9	47.2	47.4	48.0
≥ 20000	30.4	42.2	45.0	46.1	47.8	47.9	48.7	49.4	49.9	50.8	51.4	51.5	52.2	52.5	52.7	53.3
≥ 18000	30.4	42.3	45.1	46.3	48.0	48.1	48.9	49.6	50.0	51.0	51.6	51.7	52.4	52.7	52.9	53.5
≥ 16000	30.4	42.3	45.1	46.3	48.0	48.1	48.9	49.6	50.0	51.0	51.6	51.7	52.4	52.7	52.9	53.5
≥ 14000	30.9	42.9	45.9	47.1	48.8	48.9	49.7	50.3	50.8	51.8	52.4	52.5	53.2	53.5	53.7	54.3
≥ 12000	31.9	44.6	47.9	49.5	51.1	51.2	52.3	53.0	53.5	54.5	55.1	55.2	55.9	56.2	56.4	57.0
≥ 10000	33.0	46.2	49.6	51.2	52.9	53.0	54.1	54.8	55.3	56.4	57.0	57.1	57.8	58.1	58.3	58.9
≥ 9000	33.7	47.4	50.7	52.7	54.4	54.5	55.6	56.4	56.9	58.0	58.6	58.7	59.4	59.7	59.9	60.5
≥ 8000	36.6	51.2	55.0	57.0	58.9	59.1	60.2	61.0	61.5	62.6	63.2	63.3	64.0	64.3	64.5	65.1
≥ 7000	39.0	54.5	58.8	60.8	62.8	63.0	64.1	65.1	65.6	66.7	67.3	67.4	68.1	68.4	68.6	69.2
≥ 6000	40.8	56.8	61.1	63.1	65.3	65.5	66.7	67.7	68.2	69.3	69.9	70.0	70.7	71.0	71.2	71.8
≥ 5000	43.7	60.6	65.0	67.0	69.2	69.4	70.6	71.6	72.1	73.2	73.8	73.9	74.6	74.9	75.1	75.7
≥ 4500	44.9	62.8	67.3	69.3	71.5	71.7	72.9	73.9	74.4	75.5	76.1	76.2	76.9	77.2	77.4	78.0
≥ 4000	46.7	65.5	70.1	72.2	74.4	74.6	75.8	76.9	77.4	78.5	79.1	79.2	79.9	80.2	80.4	81.0
≥ 3500	48.4	68.4	73.1	75.2	77.4	77.6	78.8	79.9	80.4	81.5	82.1	82.2	82.9	83.2	83.3	83.9
≥ 3000	50.4	71.3	76.4	78.6	80.9	81.1	82.3	83.3	83.8	84.9	85.5	85.6	86.3	86.6	86.8	87.4
≥ 2500	51.9	73.3	78.6	81.0	83.4	83.6	84.8	86.0	86.5	87.6	88.2	88.3	89.0	89.3	89.5	90.1
≥ 2000	53.0	75.7	81.3	83.7	86.5	86.7	88.0	89.2	89.7	90.8	91.4	91.5	92.2	92.5	92.7	93.3
≥ 1800	53.1	75.9	81.5	84.0	86.8	87.0	88.3	89.5	90.0	91.1	91.7	91.8	92.5	92.8	93.0	93.6
≥ 1500	53.9	76.8	82.5	85.0	87.8	88.0	89.3	90.7	91.2	92.3	92.9	93.0	93.7	94.0	94.2	94.8
≥ 1200	54.3	77.2	82.9	85.4	88.3	88.5	89.8	91.2	91.7	92.9	93.5	93.6	94.3	94.6	94.8	95.4
≥ 1000	54.5	77.7	83.5	86.1	89.1	89.3	90.6	92.0	92.5	93.7	94.3	94.4	95.1	95.4	95.6	96.2
≥ 900	54.6	77.9	83.8	86.4	89.6	89.8	91.2	92.6	93.1	94.3	94.9	95.0	95.7	96.0	96.2	96.8
≥ 800	54.6	77.9	83.8	86.4	89.6	89.8	91.3	92.7	93.2	94.4	95.0	95.1	95.8	96.1	96.3	96.9
≥ 700	54.6	77.9	83.8	86.4	89.8	90.0	91.7	93.1	93.6	94.9	95.5	95.6	96.3	96.6	96.8	97.4
≥ 600	54.7	78.0	83.9	86.5	89.9	90.1	91.8	93.2	93.7	95.0	95.6	95.7	96.4	96.7	96.9	97.5
≥ 500	54.7	78.0	83.9	86.7	90.1	90.4	92.3	93.8	94.3	95.6	96.2	96.3	97.0	97.3	97.5	98.1
≥ 400	54.7	78.0	83.9	86.7	90.1	90.5	92.5	94.0	94.5	95.8	96.4	96.5	97.2	97.5	97.7	98.3
≥ 300	54.7	78.0	83.9	86.7	90.1	90.5	92.6	94.2	94.7	96.2	96.8	96.9	97.6	97.9	98.1	98.7
≥ 200	54.7	78.0	83.9	86.7	90.1	90.5	92.6	94.3	94.8	96.4	97.1	97.2	98.0	98.3	98.5	99.1
≥ 100	54.7	78.0	83.9	86.7	90.1	90.5	92.6	94.3	94.8	96.4	97.1	97.2	98.0	98.3	98.5	99.4
≥ 0	54.7	78.0	83.9	86.7	90.1	90.5	92.6	94.3	94.8	96.4	97.1	97.2	98.0	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1003

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-62,64-66 (YEARS) ANY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (ST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.9	19.9	21.6	22.1	23.6	24.1	25.2	25.8	25.9	26.9	27.9	27.9	28.8	29.0	29.4	30.0
≥ 20000	16.3	22.6	24.3	24.8	26.3	26.8	27.9	28.5	28.6	29.8	30.7	30.7	31.6	31.9	32.2	32.8
≥ 18000	16.3	22.6	24.3	24.8	26.3	26.8	27.9	28.5	28.6	29.8	30.7	30.7	31.6	31.9	32.2	32.8
≥ 16000	16.3	23.0	24.7	25.2	26.7	27.2	28.3	28.9	29.0	30.1	31.1	31.1	32.0	32.2	32.6	33.2
≥ 14000	16.6	23.6	25.3	25.9	27.7	28.1	29.5	30.1	30.2	31.4	32.3	32.3	33.2	33.5	33.8	34.4
≥ 12000	17.4	24.4	26.7	27.4	29.3	29.8	31.4	32.0	32.1	33.2	34.2	34.2	35.1	35.3	35.7	36.3
≥ 10000	18.9	28.0	30.4	31.2	33.1	33.6	35.2	35.8	35.9	37.0	38.0	38.0	38.9	39.1	39.5	40.1
≥ 9000	19.6	29.6	32.2	33.2	35.1	35.6	37.2	37.8	37.9	39.0	40.0	40.0	40.9	41.1	41.5	42.1
≥ 8000	22.2	34.4	37.4	38.8	41.0	41.5	43.3	44.0	44.1	45.2	46.2	46.2	47.0	47.3	47.7	48.3
≥ 7000	24.2	38.0	41.0	42.5	44.8	45.3	47.3	47.9	48.0	49.1	50.1	50.1	51.0	51.2	51.6	52.2
≥ 6000	26.0	40.9	44.1	45.7	48.0	48.8	50.9	51.7	51.9	53.2	54.2	54.2	55.1	55.3	55.7	56.3
≥ 5000	28.1	45.4	48.9	50.5	52.8	53.7	56.2	57.3	57.5	58.9	59.9	59.9	60.7	61.0	61.4	62.1
≥ 4500	29.3	47.2	50.7	52.6	54.9	55.8	58.3	59.4	59.6	61.0	62.0	62.0	62.8	63.1	63.5	64.2
≥ 4000	30.2	49.9	53.8	55.8	58.1	59.1	61.6	62.7	63.0	64.3	65.3	65.3	66.2	66.4	66.8	67.5
≥ 3500	33.2	55.9	60.9	63.0	65.3	66.4	68.9	70.0	70.2	71.6	72.6	72.6	73.5	73.7	74.1	74.8
≥ 3000	34.9	59.9	65.3	67.7	70.2	71.4	74.0	75.1	75.4	76.8	77.8	77.8	78.6	78.9	79.3	80.0
≥ 2500	35.7	62.0	67.8	70.1	72.7	73.8	76.4	77.5	77.9	79.3	80.2	80.2	81.1	81.4	81.7	82.5
≥ 2000	37.0	64.8	70.7	73.1	75.7	76.8	79.4	80.5	80.9	82.3	83.3	83.3	84.2	84.4	84.8	85.6
≥ 1800	37.4	65.2	71.2	73.6	76.5	77.7	80.2	81.4	81.7	83.3	84.3	84.3	85.2	85.4	85.8	86.5
≥ 1500	37.7	66.2	72.5	74.8	77.8	79.0	81.7	83.0	83.3	84.9	85.9	85.9	86.8	87.0	87.4	88.1
≥ 1200	37.7	66.8	73.3	75.9	79.0	80.2	83.1	84.3	84.8	86.5	87.5	87.5	88.4	88.6	89.0	89.8
≥ 1000	37.7	66.9	73.5	76.0	79.1	80.4	83.2	84.4	84.9	86.7	87.7	87.7	88.5	88.8	89.1	89.9
≥ 900	37.7	67.3	73.8	76.4	79.5	80.9	83.7	84.9	85.4	87.2	88.1	88.1	89.0	89.3	89.6	90.4
≥ 800	37.9	67.5	74.3	76.9	80.0	81.4	84.3	85.6	86.0	87.8	88.9	88.9	89.8	90.0	90.4	91.1
≥ 700	37.9	67.8	74.3	76.9	80.0	81.5	84.4	85.7	86.2	87.9	89.1	89.1	90.0	90.2	90.6	91.4
≥ 600	37.9	68.1	74.7	77.4	80.6	82.1	85.2	86.5	87.0	88.8	90.0	90.0	90.9	91.1	91.5	92.2
≥ 500	37.9	68.4	74.9	77.6	81.1	82.6	85.8	87.2	87.7	89.4	90.6	90.6	91.5	91.7	92.1	93.0
≥ 400	37.9	68.4	74.9	77.9	81.9	83.3	86.8	88.3	88.8	90.5	91.7	91.7	92.6	92.8	93.2	94.1
≥ 300	37.9	68.4	74.9	77.9	82.0	83.5	87.2	88.6	89.1	91.0	92.6	92.6	93.5	93.7	94.1	95.1
≥ 200	37.9	68.4	74.9	77.9	82.1	83.6	87.4	89.0	89.5	91.5	93.2	93.2	94.2	94.6	95.1	96.9
≥ 100	37.9	68.4	74.9	77.9	82.1	83.6	87.4	89.0	89.5	91.5	93.2	93.3	94.6	95.1	95.6	99.3
≥ 0	37.9	68.4	74.9	77.9	82.1	83.6	87.4	89.0	89.5	91.5	93.2	93.3	94.6	95.1	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 712

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-62,64-68 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	15.6	22.2	24.0	25.2	26.4	26.5	27.7	28.0	28.4	29.0	29.6	29.9	30.1	30.2	30.6	31.2
≥ 20000	17.7	25.3	27.0	28.3	29.5	29.6	30.7	31.1	31.5	32.2	32.8	33.1	33.3	33.5	33.8	34.4
≥ 18000	17.7	25.3	27.0	28.3	29.5	29.6	30.7	31.1	31.5	32.2	32.8	33.1	33.3	33.5	33.8	34.4
≥ 16000	17.7	25.3	27.0	28.3	29.5	29.6	30.7	31.1	31.5	32.2	32.8	33.1	33.3	33.5	33.8	34.4
≥ 14000	18.0	25.9	27.7	28.9	30.1	30.2	31.4	31.7	32.1	32.8	33.5	33.7	34.0	34.1	34.4	35.1
≥ 12000	18.4	26.3	28.0	29.5	31.2	31.5	32.6	33.0	33.3	34.1	34.7	34.9	35.2	35.3	35.7	36.3
≥ 10000	19.5	28.6	30.5	32.0	33.8	34.1	35.2	35.6	35.9	36.7	37.3	37.5	37.8	37.9	38.3	38.9
≥ 9000	20.0	30.1	32.3	34.1	36.2	36.4	37.5	37.9	38.3	39.0	39.6	39.9	40.1	40.2	40.6	41.2
≥ 8000	21.4	34.0	36.3	38.0	40.2	40.7	42.1	42.5	43.0	43.7	44.3	44.6	44.8	44.9	45.3	45.9
≥ 7000	24.6	38.5	41.1	42.8	45.1	45.6	47.0	47.7	48.1	48.9	49.6	49.9	50.1	50.2	50.7	51.4
≥ 6000	26.3	41.5	44.2	46.5	48.9	49.5	51.2	51.9	52.3	53.2	54.0	54.2	54.4	54.6	55.1	55.7
≥ 5000	27.5	44.3	47.3	49.8	52.1	52.8	54.6	55.6	56.0	56.9	57.7	57.9	58.1	58.3	58.8	59.4
≥ 4500	29.0	47.4	50.4	52.8	55.2	55.9	57.7	58.6	59.1	60.0	60.7	61.0	61.2	61.4	61.9	62.5
≥ 4000	31.2	51.1	54.2	57.0	59.9	60.7	62.5	63.5	64.0	64.8	65.6	65.9	66.0	66.2	66.7	67.3
≥ 3500	33.1	55.4	59.4	61.9	64.7	65.7	67.5	68.5	69.0	69.9	70.6	70.9	71.1	71.3	71.7	72.3
≥ 3000	34.9	58.8	63.0	65.6	68.5	69.5	71.5	72.5	73.2	74.1	74.8	75.1	75.3	75.4	75.9	76.5
≥ 2500	36.2	61.1	65.6	68.5	71.5	72.5	74.4	75.4	76.2	77.0	77.8	78.0	78.3	78.4	78.9	79.5
≥ 2000	36.9	63.5	68.1	71.4	74.7	75.9	77.7	78.9	79.9	81.1	81.9	82.1	82.3	82.5	83.0	83.6
≥ 1800	37.4	64.2	68.9	72.1	75.4	76.7	78.8	79.8	80.7	82.1	82.8	83.1	83.3	83.5	84.0	84.6
≥ 1500	37.8	65.7	70.4	74.1	77.4	78.6	80.7	81.7	82.7	84.1	84.8	85.1	85.4	85.6	86.0	86.7
≥ 1200	38.0	66.4	71.2	74.9	78.3	79.5	81.6	82.6	83.7	85.1	85.8	86.0	86.4	86.5	87.0	87.7
≥ 1000	38.1	66.7	71.5	75.2	78.5	80.0	82.1	83.1	84.2	85.6	86.3	86.5	86.9	87.0	87.5	88.1
≥ 900	38.1	66.8	71.7	75.4	78.8	80.2	82.3	83.3	84.4	85.8	86.5	86.8	87.2	87.3	87.8	88.4
≥ 800	38.3	67.0	72.2	76.3	79.8	81.2	83.3	84.3	85.6	86.9	87.7	87.9	88.3	88.4	88.9	89.5
≥ 700	38.3	67.3	72.5	76.5	80.0	81.5	83.6	84.7	85.9	87.3	88.0	88.1	88.6	88.9	89.4	90.0
≥ 600	38.3	67.5	73.0	77.0	80.5	82.1	84.2	85.3	86.5	87.9	88.6	88.9	89.3	89.6	90.1	90.7
≥ 500	38.3	67.5	73.0	77.2	80.6	82.2	84.3	85.4	86.7	88.0	88.8	89.0	89.4	89.8	90.2	91.0
≥ 400	38.3	67.5	73.0	77.2	81.2	82.8	84.9	86.5	87.8	89.1	89.9	90.1	90.5	91.1	91.7	92.6
≥ 300	38.3	67.7	73.2	77.5	81.6	83.3	85.7	87.4	88.6	90.0	91.0	91.2	91.7	92.3	93.1	94.0
≥ 200	38.3	67.7	73.2	77.7	81.7	83.8	86.3	88.0	89.4	90.7	91.7	92.0	92.6	93.2	94.1	95.0
≥ 100	38.3	67.7	73.2	77.7	81.7	83.8	86.3	88.0	89.4	90.7	92.0	92.2	93.0	93.9	94.8	99.1
0	38.3	67.7	73.2	77.7	81.7	83.8	86.3	88.0	89.4	90.7	92.0	92.2	93.1	94.1	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 312

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 39,60-70 YEARS — JCV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	16.5	19.5	19.6	19.7	20.4	20.5	21.1	21.3	21.4	21.6	21.6	21.9	22.3	22.4	22.6	23.2
≥ 20000	21.0	24.9	25.2	25.6	26.3	26.4	27.1	27.5	27.6	27.7	28.0	28.1	28.5	28.6	29.1	29.7
≥ 18000	21.1	25.0	25.4	25.8	26.6	26.7	27.4	27.7	27.8	28.0	28.3	28.4	28.8	28.8	29.4	30.0
≥ 16000	21.1	25.0	25.4	25.8	26.6	26.7	27.4	27.7	27.8	28.0	28.3	28.4	28.8	28.8	29.4	30.0
≥ 14000	21.4	25.5	25.9	26.3	27.3	27.5	28.1	28.6	28.7	28.8	29.1	29.2	29.6	29.7	30.2	30.8
≥ 12000	22.6	27.3	27.8	28.2	29.2	29.4	30.1	30.5	30.6	30.9	31.2	31.3	31.6	31.7	32.3	32.8
≥ 10000	23.0	28.6	29.1	29.5	30.5	30.7	31.4	31.9	32.0	32.3	32.7	32.7	33.1	33.2	34.0	34.6
≥ 9000	24.4	29.8	30.6	31.1	32.3	32.5	33.2	33.8	33.9	34.1	34.5	34.6	35.0	35.2	35.[illegible]	36.6
≥ 8000	26.5	33.5	34.9	35.3	36.5	36.8	37.6	38.2	38.3	38.6	39.0	39.1	39.5	39.7	40.4	41.3
≥ 7000	28.0	35.9	37.[illegible]	37.8	39.1	39.5	40.4	41.1	41.2	41.5	41.8	41.9	42.4	42.6	43.2	44.2
≥ 6000	29.6	37.7	39.1	39.5	40.9	41.4	42.2	43.1	43.2	43.6	44.0	44.1	44.5	44.7	45.4	46.3
≥ 5000	32.3	41.8	43.7	44.2	45.7	46.3	47.1	48.1	48.2	48.6	49.4	49.4	49.9	50.1	50.7	51.7
≥ 4500	34.1	45.2	47.0	48.0	49.5	50.1	51.1	52.1	52.2	53.0	53.3	53.4	53.9	54.1	54.7	55.7
≥ 4000	36.1	50.6	53.1	54.2	55.8	56.5	57.6	58.7	58.8	59.6	60.1	60.2	60.7	60.9	61.6	62.7
≥ 3500	40.1	54.4	57.3	59.0	60.9	61.6	62.9	64.1	64.2	65.0	65.7	65.8	66.2	66.4	67.2	68.3
≥ 3000	42.7	58.4	61.9	63.7	65.8	66.5	67.8	69.0	69.1	69.9	70.7	70.8	71.2	71.4	72.2	73.3
≥ 2500	44.2	61.2	65.0	67.3	69.5	70.2	71.6	72.8	72.9	73.7	74.5	74.6	75.0	75.2	76.0	77.1
≥ 2000	45.5	63.3	67.7	70.3	72.8	73.6	75.3	76.9	77.1	78.1	78.9	79.0	79.5	79.7	80.4	81.5
≥ 1800	45.5	63.4	67.8	70.4	72.9	73.9	75.4	77.1	77.3	78.3	79.1	79.2	79.7	79.9	80.6	81.7
≥ 1500	46.1	64.6	69.1	71.8	74.4	75.5	77.1	78.9	79.1	80.2	81.1	81.3	81.7	81.9	82.7	83.7
≥ 1200	46.8	65.5	70.1	72.8	75.5	76.6	78.3	80.2	80.4	81.5	82.4	82.6	83.0	83.2	84.0	85.1
≥ 1000	47.1	66.0	70.6	73.4	76.3	77.4	79.0	81.1	81.3	82.4	83.2	83.4	83.9	84.0	84.8	85.9
≥ 900	47.1	66.0	70.7	73.5	76.3	77.5	79.1	81.2	81.4	82.5	83.3	83.5	84.0	84.1	84.9	86.0
≥ 800	47.2	66.3	71.1	74.0	77.0	78.1	79.9	82.0	82.2	83.3	84.1	84.3	84.8	85.0	85.7	86.8
≥ 700	47.2	66.4	71.2	74.1	77.1	78.2	80.0	82.1	82.3	83.4	84.2	84.4	84.9	85.1	85.8	86.9
≥ 600	47.2	66.4	71.2	74.1	77.1	78.3	80.1	82.4	82.6	83.9	84.7	84.9	85.3	85.5	86.3	87.4
≥ 500	47.2	66.6	71.3	74.4	77.6	78.8	80.7	83.0	83.2	84.5	85.7	85.9	86.4	86.5	87.3	88.6
≥ 400	47.2	66.6	71.3	74.4	77.6	78.8	81.0	83.7	84.0	85.3	86.5	86.7	87.2	87.4	88.1	89.5
≥ 300	47.2	66.6	71.3	74.5	77.8	79.1	81.6	85.1	85.3	86.9	88.3	88.5	89.0	89.4	90.2	92.3
≥ 200	47.2	66.6	71.3	74.5	77.8	79.1	81.7	85.3	85.7	87.8	89.3	89.6	90.5	91.1	92.1	95.1
≥ 100	47.2	66.6	71.3	74.5	77.8	79.1	81.7	85.4	85.9	87.9	89.7	90.1	91.1	91.7	93.0	96.2
0	47.2	66.6	71.3	74.5	77.8	79.1	81.7	85.4	85.9	87.9	89.7	90.0	91.1	91.7	93.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1213

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	14.0	15.8	16.3	16.6	16.9	17.0	17.3	17.5	17.6	17.7	17.9	17.9	17.9	17.9	18.1	18.2
≥ 20000	22.3	24.7	25.2	25.6	26.3	26.4	26.9	27.1	27.2	27.4	27.6	27.6	27.6	27.7	27.9	28.1
≥ 18000	22.6	25.0	25.5	25.8	26.6	26.7	27.2	27.4	27.5	27.7	27.9	27.9	27.9	28.0	28.1	28.4
≥ 16000	23.0	25.6	26.0	26.4	27.1	27.2	27.8	28.0	28.1	28.2	28.4	28.4	28.4	28.5	28.7	29.0
≥ 14000	23.7	26.3	26.8	27.2	28.0	28.1	28.6	28.8	28.9	29.1	29.3	29.3	29.3	29.4	29.5	29.9
≥ 12000	25.1	27.9	28.3	28.8	29.6	29.8	30.4	30.6	30.8	31.0	31.2	31.2	31.2	31.3	31.5	31.9
≥ 10000	27.5	30.8	31.5	31.9	33.0	33.1	33.8	34.2	34.4	34.5	34.7	34.7	34.7	34.8	35.0	35.4
≥ 9000	29.9	33.3	34.0	34.4	35.7	35.9	36.6	37.0	37.2	37.4	37.6	37.6	37.6	37.7	37.9	38.2
≥ 8000	33.2	37.8	38.8	39.3	40.7	40.9	41.6	42.0	42.2	42.4	42.6	42.6	42.6	42.7	42.9	43.2
≥ 7000	35.6	40.8	42.1	42.6	44.2	44.4	45.1	45.6	45.8	46.0	46.2	46.2	46.2	46.3	46.5	46.9
≥ 6000	37.5	43.2	44.6	45.2	46.7	47.2	47.9	48.5	48.7	48.9	49.1	49.1	49.1	49.2	49.4	49.8
≥ 5000	40.8	47.8	49.6	50.3	51.9	52.3	53.1	53.9	54.1	54.3	54.6	54.6	54.6	54.7	54.9	55.4
≥ 4500	42.6	50.1	52.0	52.7	54.4	54.7	55.5	56.3	56.5	56.7	57.0	57.0	57.0	57.1	57.3	57.8
≥ 4000	45.3	53.7	55.9	56.6	58.2	58.6	59.4	60.2	60.4	60.6	61.0	61.0	61.0	61.1	61.3	61.8
≥ 3500	46.9	56.1	58.7	59.9	61.8	62.3	63.1	64.2	64.4	64.6	65.1	65.1	65.1	65.2	65.4	65.8
≥ 3000	49.1	59.4	62.2	63.6	65.6	66.2	67.0	68.1	68.3	68.7	69.3	69.3	69.3	69.4	69.5	70.0
≥ 2500	51.9	63.2	66.2	67.6	69.6	70.3	71.1	72.2	72.6	73.0	73.6	73.6	73.6	73.7	73.9	74.4
≥ 2000	53.7	65.8	69.2	70.7	73.3	74.1	75.1	76.3	76.8	77.1	77.8	77.8	77.8	77.9	78.1	78.5
≥ 1800	54.0	66.3	69.6	71.2	73.9	74.6	75.7	76.9	77.4	77.8	78.4	78.4	78.4	78.5	78.7	79.2
≥ 1500	54.9	67.7	71.4	73.3	76.3	77.0	78.3	79.7	80.2	80.6	81.3	81.3	81.3	81.4	81.6	82.0
≥ 1200	55.8	68.9	72.7	74.7	78.0	78.9	80.2	81.8	82.2	82.7	83.5	83.5	83.5	83.6	83.8	84.3
≥ 1000	56.3	69.4	73.3	75.6	78.9	79.8	81.1	82.7	83.1	83.6	84.4	84.4	84.4	84.5	84.7	85.2
≥ 900	56.3	69.4	73.6	75.9	79.4	80.4	81.8	83.3	83.8	84.3	85.1	85.1	85.1	85.2	85.4	85.9
≥ 800	56.3	69.6	73.9	76.2	79.6	80.6	82.1	83.6	84.4	84.8	85.6	85.6	85.6	85.7	85.9	86.4
≥ 700	56.4	69.8	74.2	76.5	80.1	81.2	83.0	84.8	85.4	85.9	86.8	86.8	86.8	86.9	87.0	87.5
≥ 600	56.4	70.3	74.7	77.1	80.8	82.1	83.9	85.8	86.4	87.2	88.1	88.1	88.1	88.1	88.3	88.9
≥ 500	56.4	70.4	74.9	77.3	81.3	82.6	84.6	87.0	87.7	88.9	89.7	89.7	89.7	89.8	90.0	90.6
≥ 400	56.4	70.4	74.9	77.3	81.4	82.8	85.1	88.1	88.9	90.6	91.6	91.6	91.7	92.0	92.2	92.9
≥ 300	56.4	70.4	74.9	77.3	81.5	83.1	85.5	88.6	89.5	91.6	93.1	93.1	93.3	93.7	94.0	95.1
≥ 200	56.4	70.4	74.9	77.3	81.5	83.1	85.5	88.7	89.7	91.9	93.7	93.7	94.3	94.8	95.6	97.7
≥ 100	56.4	70.4	74.9	77.3	81.5	83.1	85.5	88.7	89.7	91.9	93.7	93.7	94.4	95.2	95.9	99.4
0	56.4	70.4	74.9	77.3	81.5	83.1	85.5	88.7	89.7	91.9	93.7	93.7	94.4	95.2	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1000

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	10.2	18.1	18.6	18.9	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	24.3	26.8	27.3	27.7	28.1	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 18000	24.3	26.8	27.3	27.7	28.1	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 16000	25.0	27.5	28.1	28.5	29.0	29.1	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2
≥ 14000	26.7	29.4	30.3	30.7	31.2	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
≥ 12000	27.9	31.1	32.0	32.5	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 10000	30.6	34.4	35.4	35.8	36.4	36.5	36.6	36.7	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9
≥ 9000	33.0	37.1	38.1	38.7	39.3	39.4	39.5	39.6	39.6	39.8	40.1	40.1	40.1	40.1	40.1	40.1
≥ 8000	36.6	41.6	43.0	43.7	44.3	44.4	44.5	44.6	44.6	44.8	45.1	45.1	45.1	45.1	45.1	45.1
≥ 7000	39.3	45.6	47.2	48.1	48.6	48.8	49.0	49.1	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5
≥ 6000	40.6	47.5	49.3	50.1	50.6	50.9	51.1	51.2	51.2	51.5	51.8	51.8	51.8	51.8	51.8	51.8
≥ 5000	44.0	51.8	53.7	54.5	55.1	55.4	55.6	55.6	55.6	55.9	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4500	46.2	54.1	56.2	57.0	57.6	57.9	58.1	58.1	58.1	58.4	58.7	58.7	58.7	58.7	58.7	58.7
≥ 4000	49.5	58.4	60.7	62.1	62.7	63.0	63.1	63.3	63.3	63.6	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	51.4	61.5	63.9	65.5	66.5	66.8	66.9	67.1	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.7
≥ 3000	54.0	64.3	66.9	68.6	69.9	70.2	70.4	70.6	70.6	71.1	71.4	71.4	71.4	71.4	71.4	71.4
≥ 2500	58.5	70.2	73.1	75.1	76.5	76.9	77.0	77.3	77.8	78.1	78.8	78.8	78.8	78.8	78.8	78.8
≥ 2000	61.1	73.9	77.0	79.3	80.7	81.1	81.5	81.8	82.2	82.8	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	61.4	74.4	77.6	79.8	81.3	81.7	82.0	82.3	82.8	83.3	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1500	62.5	75.9	79.3	81.6	83.1	83.5	84.1	84.4	84.8	85.4	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1200	63.7	77.5	81.1	83.5	85.1	85.5	86.0	86.6	87.0	87.9	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1000	63.9	77.8	81.5	84.0	85.7	86.1	86.8	87.3	87.9	88.7	89.4	89.4	89.4	89.4	89.4	89.4
≥ 900	64.1	78.2	81.9	84.5	86.5	86.9	87.6	88.1	88.7	89.5	90.3	90.3	90.3	90.3	90.3	90.3
≥ 800	64.1	78.3	82.0	84.8	86.8	87.5	88.3	88.9	89.4	90.3	91.0	91.0	91.0	91.0	91.0	91.0
≥ 700	64.2	78.6	82.3	85.2	87.2	88.0	88.9	89.4	90.0	90.8	91.6	91.6	91.6	91.6	91.6	91.6
≥ 600	64.2	78.6	82.4	85.6	87.9	88.8	89.7	90.4	91.1	91.9	92.8	92.8	92.8	92.8	92.8	92.8
≥ 500	64.4	78.9	82.8	86.0	88.4	89.5	90.6	91.6	92.4	93.5	94.4	94.4	94.5	94.5	94.5	94.5
≥ 400	64.4	79.0	83.0	86.3	89.1	90.2	91.4	92.6	93.5	94.9	95.9	95.9	96.2	96.2	96	96.2
≥ 300	64.5	79.1	83.1	86.4	89.3	90.6	92.0	93.6	94.6	96.5	98.1	98.3	98.6	98.6	98.6	98.8
≥ 200	64.5	79.1	83.1	86.4	89.3	90.6	92.1	93.8	94.8	96.7	98.4	98.6	99.0	99.2	99.3	99.4
≥ 100	64.5	79.1	83.1	86.4	89.3	90.6	92.1	93.8	94.8	96.7	98.4	98.6	99.0	99.2	99.3	99.4
0	64.5	79.1	83.1	86.4	89.3	90.6	92.1	93.8	94.8	96.7	98.4	98.6	99.0	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1940

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39/60-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	16.4	20.5	20.7	21.1	21.4	21.4	21.4	21.4	21.4	21.5	21.8	21.8	21.8	21.8	21.8	21.9
≥ 20000	25.7	28.0	28.2	29.0	29.4	29.4	29.6	29.8	29.8	30.2	30.5	30.5	30.5	30.5	30.5	30.6
≥ 18000	25.9	28.2	28.7	29.5	29.9	29.9	30.2	30.4	30.4	30.7	31.0	31.0	31.0	31.0	31.0	31.1
≥ 16000	26.7	29.0	29.5	30.4	30.7	30.7	31.0	31.2	31.2	31.6	31.9	31.9	31.9	31.9	31.9	31.9
≥ 14000	28.9	31.7	32.2	33.1	33.5	33.5	33.6	34.0	34.0	34.4	34.6	34.6	34.7	34.7	34.7	34.8
≥ 12000	29.6	33.5	34.2	35.2	35.6	35.6	35.8	36.0	36.0	36.4	36.7	36.7	36.8	36.8	36.8	36.9
≥ 10000	34.0	37.2	37.9	38.9	39.4	39.4	39.6	39.8	39.8	40.2	40.5	40.5	40.6	40.6	40.6	40.6
≥ 9000	35.6	39.4	40.1	41.3	41.8	41.8	42.0	42.2	42.2	42.5	42.9	42.9	43.0	43.0	43.0	43.1
≥ 8000	39.6	44.0	44.8	46.4	47.0	47.0	47.4	47.6	47.6	48.0	48.2	48.2	48.3	48.3	48.3	48.4
≥ 7000	44.0	49.4	50.6	52.2	53.1	53.1	53.5	53.7	53.7	54.1	54.4	54.4	54.4	54.4	54.4	54.5
≥ 6000	45.4	51.0	52.2	54.2	55.0	55.0	55.5	55.7	55.7	56.2	56.5	56.5	56.6	56.6	56.6	56.7
≥ 5000	48.7	55.5	56.9	58.8	59.8	59.9	60.4	60.6	60.6	61.1	61.4	61.4	61.5	61.5	61.5	61.6
≥ 4500	50.4	57.4	58.9	61.1	62.4	62.5	63.1	63.4	63.4	63.9	64.2	64.2	64.3	64.3	64.3	64.4
≥ 4000	53.8	61.7	63.4	65.8	67.5	67.6	68.2	68.5	68.5	69.0	69.3	69.3	69.4	69.4	69.4	69.4
≥ 3500	55.7	64.4	66.5	69.2	70.9	71.0	71.7	71.9	71.9	72.4	72.7	72.7	72.8	72.8	72.8	72.9
≥ 3000	58.0	67.7	69.7	72.8	74.6	74.7	75.5	75.8	75.8	76.4	76.7	76.7	76.8	76.8	76.8	76.9
≥ 2500	61.9	72.6	75.1	78.3	80.3	80.4	81.3	81.9	81.9	82.6	82.9	82.9	83.0	83.0	83.0	83.1
≥ 2000	63.9	75.9	78.6	82.1	84.4	84.5	85.6	86.1	86.1	86.9	87.2	87.2	87.3	87.3	87.3	87.4
≥ 1800	64.1	76.1	78.8	82.3	84.5	84.7	85.7	86.3	86.3	87.1	87.4	87.4	87.5	87.5	87.5	87.6
≥ 1500	65.3	78.0	80.9	84.8	87.1	87.3	88.3	89.0	89.0	89.8	90.1	90.1	90.2	90.2	90.2	90.3
≥ 1200	65.6	78.7	81.9	85.8	88.3	88.6	89.6	90.5	90.5	91.3	91.6	91.6	91.7	91.7	91.7	91.8
≥ 1000	65.7	79.2	82.3	86.4	89.1	89.4	90.8	91.7	91.7	92.6	92.9	92.9	93.0	93.0	93.0	93.1
≥ 900	65.8	79.3	82.4	86.6	89.4	89.8	91.3	92.1	92.1	93.1	93.3	93.3	93.4	93.4	93.4	93.5
≥ 800	65.8	79.3	82.4	86.6	89.6	90.2	91.9	92.8	92.8	93.8	94.1	94.1	94.2	94.2	94.2	94.3
≥ 700	65.8	79.4	82.6	86.8	89.8	90.4	92.1	93.1	93.1	94.4	94.6	94.6	94.7	94.7	94.7	94.8
≥ 600	65.8	79.4	82.6	86.8	89.8	90.4	92.2	93.3	93.4	94.6	94.9	94.9	95.0	95.0	95.1	95.1
≥ 500	65.8	79.4	82.8	87.0	90.1	90.6	92.5	93.9	94.3	95.6	96.0	96.1	96.3	96.3	96.3	96.4
≥ 400	65.8	79.4	82.9	87.2	90.3	91.3	93.1	94.6	95.1	96.6	97.1	97.2	97.5	97.5	97.5	97.6
≥ 300	65.8	79.4	82.9	87.2	90.3	91.6	93.7	95.5	95.9	97.6	98.5	98.6	98.9	98.9	98.9	99.0
≥ 200	65.8	79.4	82.9	87.2	90.3	91.6	93.7	95.5	95.9	97.7	98.9	99.0	99.4	99.4	99.4	99.5
≥ 100	65.8	79.4	82.9	87.2	90.3	91.6	93.7	95.5	95.9	97.7	98.9	99.0	99.4	99.4	99.4	99.9
≥ 0	65.8	79.4	82.9	87.2	90.3	91.6	93.7	95.5	95.9	97.7	98.9	99.0	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1200

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	18.5	20.4	27.2	28.1	28.6	28.6	29.2	29.4	29.5	30.7	30.2	30.3	30.6	30.6	30.6	30.6
≥ 20000	22.2	30.7	32.3	33.3	33.9	34.0	34.7	35.1	35.3	36.0	36.2	36.3	36.8	36.8	36.9	36.9
≥ 18000	22.2	30.7	32.3	33.4	34.2	34.3	35.0	35.4	35.6	36.3	36.5	36.6	37.0	37.0	37.1	37.1
≥ 16000	22.2	30.8	32.4	33.5	34.3	34.4	35.1	35.5	35.6	36.4	36.6	36.7	37.1	37.1	37.2	37.2
≥ 14000	22.8	33.2	34.0	35.3	36.0	36.1	36.9	37.4	37.6	38.3	38.6	38.7	39.2	39.2	39.3	39.3
≥ 12000	23.9	33.9	35.9	37.2	38.0	38.1	38.8	39.4	39.5	40.3	40.6	40.6	41.1	41.1	41.2	41.2
≥ 10000	25.0	35.5	37.7	39.0	39.8	40.1	40.8	41.4	41.6	42.3	42.6	42.7	43.1	43.1	43.2	43.2
≥ 9000	26.5	38.0	40.5	41.9	42.7	43.2	44.0	44.5	44.7	45.5	45.7	45.8	46.3	46.3	46.4	46.4
≥ 8000	29.6	42.2	45.0	46.6	47.4	48.0	48.7	49.3	49.4	50.2	50.5	50.6	51.0	51.0	51.1	51.1
≥ 7000	32.4	46.9	50.0	51.7	52.6	53.1	53.9	54.4	54.6	55.6	55.8	55.9	56.4	56.4	56.5	56.5
≥ 6000	34.5	50.0	53.5	55.4	56.6	57.1	58.0	58.6	59.0	59.9	60.2	60.3	60.7	60.7	60.8	60.8
≥ 5000	36.8	54.3	58.1	60.0	61.3	61.9	62.9	63.6	64.0	64.9	65.2	65.3	65.7	65.7	65.8	65.8
≥ 4500	38.0	56.4	60.3	62.3	63.3	64.4	65.4	66.1	66.5	67.4	67.7	67.9	68.2	68.2	68.3	68.3
≥ 4000	39.4	60.6	65.1	67.4	69.0	69.5	70.6	71.3	71.7	72.6	72.9	73.0	73.4	73.4	73.5	73.5
≥ 3500	42.8	65.0	69.9	72.4	74.2	74.7	75.7	76.5	76.9	77.8	78.1	78.1	78.6	78.6	78.7	78.7
≥ 3000	45.6	68.7	74.0	76.8	78.7	79.3	80.4	81.1	81.5	82.5	82.8	82.9	83.3	83.3	83.4	83.4
≥ 2500	46.8	70.8	76.6	79.4	81.7	82.2	83.3	84.1	84.6	85.7	86.0	86.1	86.6	86.6	86.7	86.7
≥ 2000	47.9	74.5	80.6	83.7	86.0	86.6	87.7	88.4	89.0	90.2	90.5	90.6	91.0	91.0	91.1	91.1
≥ 1800	48.1	74.8	80.8	84.1	86.4	86.9	88.1	88.8	89.4	90.6	90.8	90.9	91.4	91.4	91.5	91.5
≥ 1500	48.2	75.2	81.3	84.7	87.2	87.8	88.9	89.6	90.2	91.4	91.7	91.8	92.2	92.2	92.3	92.3
≥ 1200	48.2	75.7	82.2	85.7	88.3	89.0	90.2	90.9	91.5	92.7	93.0	93.1	93.5	93.5	93.6	93.6
≥ 1000	48.2	76.0	82.5	86.0	88.6	89.4	90.7	91.5	92.0	93.2	93.5	93.6	94.1	94.1	94.2	94.2
≥ 900	48.2	76.0	82.5	86.1	88.7	89.8	91.1	91.9	92.4	93.6	94.1	94.2	94.6	94.6	94.7	94.7
≥ 800	48.2	76.0	82.5	86.1	88.9	90.1	91.4	92.1	92.7	93.9	94.4	94.4	94.9	94.9	95.0	95.0
≥ 700	48.2	76.1	82.6	86.2	89.0	90.3	91.6	92.3	92.9	94.1	94.5	94.6	95.1	95.1	95.2	95.2
≥ 600	48.2	76.1	82.6	86.2	89.0	90.5	91.8	92.5	93.1	94.3	94.7	94.8	95.3	95.3	95.4	95.4
≥ 500	48.2	76.1	82.7	86.3	89.2	90.7	92.1	93.1	93.6	94.8	95.3	95.4	95.8	95.8	95.9	95.9
≥ 400	48.2	76.1	82.7	86.3	89.2	90.7	92.2	93.2	94.0	95.3	95.7	95.8	96.3	96.3	96.4	96.4
≥ 300	48.2	76.2	82.8	86.4	89.4	90.9	92.5	93.5	94.3	95.7	96.2	96.3	96.8	96.8	96.9	96.9
≥ 200	48.2	76.2	82.8	86.4	89.4	90.9	92.7	93.7	94.4	96.4	96.9	97.0	97.5	97.6	97.8	9 .2
≥ 100	48.2	76.2	82.8	86.4	89.4	90.9	92.7	93.7	94.4	96.5	97.0	97.1	97.7	97.8	98.0	99.6
0	48.2	76.2	82.8	86.4	89.4	90.9	92.7	93.7	94.4	96.5	97.0	97.1	97.9	98.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1560

USAFETAC FORM JUL 54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (E S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	15.7	22.2	24.4	25.1	25.5	25.9	26.7	27.3	27.4	28.2	28.6	28.6	29.9	29.9	30.0	30.2
≥ 20000	19.0	26.7	28.9	29.7	30.1	30.7	31.7	32.3	32.4	33.2	33.6	33.6	35.1	35.1	35.3	35.6
≥ 18000	19.0	26.7	28.9	29.9	30.4	31.0	32.0	32.6	32.7	33.5	33.9	33.9	35.4	35.4	35.6	35.9
≥ 16000	19.0	26.7	28.9	29.9	30.4	31.0	32.0	32.6	32.7	33.5	33.9	33.9	35.4	35.4	35.6	35.9
≥ 14000	19.8	27.6	29.8	31.1	31.6	32.2	33.2	33.9	34.0	34.7	35.1	35.1	36.7	36.7	36.9	37.2
≥ 12000	20.7	29.2	31.5	32.8	33.3	33.9	34.8	35.5	35.6	36.4	36.8	36.8	38.4	38.4	38.6	38.9
≥ 10000	21.7	32.7	35.1	36.5	37.0	37.6	38.7	39.5	39.5	40.3	40.7	40.7	42.3	42.3	42.6	42.9
≥ 9000	22.5	34.6	37.3	39.0	39.5	40.0	41.2	42.0	42.1	42.9	43.3	43.3	44.8	44.8	45.1	45.4
≥ 8000	25.0	38.5	41.3	43.1	43.7	44.3	45.5	46.3	46.4	47.2	47.6	47.6	49.2	49.2	49.5	49.8
≥ 7000	26.3	41.6	44.7	46.5	47.3	48.0	49.3	50.0	50.1	51.1	51.5	51.5	53.1	53.1	53.4	53.7
≥ 6000	27.9	43.5	46.7	48.8	49.7	50.3	51.6	52.4	52.6	53.6	54.2	54.2	55.7	55.7	56.0	56.3
≥ 5000	31.4	48.8	52.5	54.7	55.8	56.5	57.9	58.7	58.9	60.1	60.5	60.5	62.0	62.0	62.3	62.6
≥ 4500	33.6	52.4	56.2	58.6	59.8	60.5	61.8	62.6	62.8	64.0	64.4	64.4	65.9	65.9	66.2	66.5
≥ 4000	35.9	57.2	61.5	64.0	65.4	66.0	67.4	68.2	68.4	69.6	70.0	70.0	71.5	71.5	71.8	72.1
≥ 3500	38.5	62.0	67.0	69.8	71.2	71.9	73.5	74.3	74.5	75.7	76.1	76.1	77.6	77.6	77.9	78.2
≥ 3000	41.9	66.6	72.3	75.2	76.7	77.6	79.2	80.0	80.3	81.5	81.8	81.8	83.4	83.4	83.8	84.1
≥ 2500	42.7	68.9	74.7	77.7	79.4	80.3	81.8	82.6	82.9	84.1	84.5	84.5	86.1	86.1	86.5	86.8
≥ 2000	43.3	71.4	77.6	80.8	82.4	83.3	84.9	85.7	86.0	87.1	87.6	87.6	89.2	89.2	89.6	90.0
≥ 1800	43.5	71.8	78.0	81.2	82.8	83.7	85.3	86.1	86.4	87.5	88.0	88.0	89.6	89.6	90.0	90.4
≥ 1500	43.6	72.3	78.5	81.6	83.3	84.2	85.8	86.6	86.8	88.0	88.5	88.5	90.1	90.1	90.5	90.9
≥ 1200	43.6	73.1	79.5	83.0	84.7	85.7	87.4	88.2	88.6	89.8	90.3	90.3	91.9	91.9	92.2	92.6
≥ 1000	43.7	73.4	79.8	83.3	85.1	86.1	87.8	88.6	89.0	90.2	90.7	90.7	92.2	92.2	92.6	93.0
≥ 900	43.8	73.6	80.1	83.6	85.4	86.4	88.1	88.9	89.3	90.5	91.3	91.3	92.8	92.8	93.2	93.6
≥ 800	43.9	73.7	80.2	83.9	85.8	86.8	88.6	89.4	89.8	91.0	91.8	91.8	93.3	93.3	93.7	94.1
≥ 700	43.9	73.7	80.2	84.0	85.9	86.9	88.7	89.5	89.9	91.1	91.9	91.9	93.4	93.4	93.8	94.2
≥ 600	43.9	73.7	80.2	84.0	85.9	87.0	88.8	89.6	90.0	91.2	92.0	92.0	93.5	93.5	93.9	94.3
≥ 500	43.9	73.8	80.4	84.3	86.3	87.5	89.3	90.2	90.6	91.8	92.5	92.5	94.1	94.1	94.5	94.9
≥ 400	44.0	73.9	80.5	84.5	86.6	87.9	89.7	90.8	91.2	92.3	93.1	93.1	94.7	94.7	95.1	95.5
≥ 300	44.0	73.9	80.5	84.5	86.6	87.9	89.7	90.9	91.3	92.4	93.2	93.2	94.8	94.8	95.2	95.6
≥ 200	44.0	73.9	80.5	84.5	86.6	87.9	89.9	91.2	91.6	93.0	93.9	93.9	95.5	95.8	96.3	97.4
≥ 100	44.0	73.9	80.5	84.5	86.6	87.9	89.9	91.2	91.6	93.1	94.1	94.1	95.8	96.1	96.8	98.9
≥ 0	44.0	73.9	80.5	84.7	86.8	88.1	90.1	91.4	91.8	93.3	94.3	94.3	96.1	96.4	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1019

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	14.0	17.4	18.3	19.3	19.7	19.8	20.0	21.0	21.1	21.7	21.9	22.0	22.5	22.6	22.5	23.6
≥ 20000	16.0	19.7	20.6	21.6	22.1	22.2	22.4	23.5	23.6	24.2	24.3	24.6	25.1	25.2	25.5	26.3
≥ 18000	16.1	19.8	20.7	21.7	22.2	22.3	22.5	23.6	23.7	24.3	24.4	24.7	25.2	25.3	25.6	26.4
≥ 16000	16.1	19.8	20.7	21.7	22.2	22.3	22.5	23.6	23.7	24.3	24.4	24.7	25.2	25.3	25.6	26.4
≥ 14000	16.5	20.3	21.3	22.4	22.8	22.9	23.1	24.2	24.3	25.0	25.1	25.3	25.8	25.9	26.3	27.0
≥ 12000	17.5	21.9	22.8	24.0	24.4	24.5	24.9	25.9	26.0	26.7	26.8	27.0	27.6	27.7	28.2	28.7
≥ 10000	19.1	24.1	25.1	26.4	26.8	26.9	27.3	28.4	28.5	29.3	29.4	29.6	30.1	30.4	30.7	31.4
≥ 9000	20.9	26.2	27.1	28.4	28.8	29.0	29.4	30.5	30.6	31.3	31.4	31.6	32.2	32.4	32.7	33.5
≥ 8000	23.5	30.8	31.9	33.2	33.6	33.7	34.1	35.2	35.3	36.1	36.2	36.4	36.9	37.1	37.5	38.2
≥ 7000	25.0	34.2	35.6	36.9	37.4	37.5	37.9	39.0	39.1	39.8	39.9	40.2	40.7	40.9	41.2	42.0
≥ 6000	26.8	36.7	38.3	39.7	40.3	40.5	40.9	42.0	42.2	42.9	43.1	43.3	43.8	44.0	44.3	45.1
≥ 5000	30.5	42.2	43.9	45.4	46.0	46.3	46.7	47.9	48.1	48.9	49.0	49.2	49.7	49.9	50.3	51.0
≥ 4500	31.9	44.0	45.7	47.3	47.8	48.1	48.5	49.7	49.9	50.7	50.8	51.0	51.6	51.8	52.1	52.9
≥ 4000	34.1	47.1	49.6	51.5	52.0	52.4	53.1	54.4	54.6	55.4	55.5	55.9	56.4	56.6	56.9	57.7
≥ 3500	36.4	50.7	53.7	55.5	56.5	57.1	57.7	59.2	59.4	60.4	60.5	60.8	61.4	61.6	61.9	62.6
≥ 3000	38.6	55.4	59.2	61.2	62.8	63.4	64.2	65.8	66.2	67.3	67.4	67.7	68.4	68.6	68.9	69.6
≥ 2500	40.3	58.7	63.0	65.2	66.7	67.6	68.4	70.1	70.6	71.9	72.1	72.4	73.1	73.3	73.6	74.4
≥ 2000	42.5	64.3	69.2	71.9	73.7	74.6	75.5	77.2	77.7	79.0	79.2	79.5	80.2	80.4	80.7	81.5
≥ 1800	42.7	64.8	69.9	72.8	74.6	75.5	76.3	78.0	78.6	79.9	80.1	80.4	81.1	81.3	81.6	82.3
≥ 1500	42.8	65.4	70.5	73.4	75.3	76.3	77.2	78.9	79.4	80.7	80.9	81.3	81.9	82.1	82.5	83.2
≥ 1200	43.1	66.6	72.1	75.6	77.9	79.1	80.0	81.8	82.3	83.7	84.0	84.3	84.9	85.1	85.5	86.2
≥ 1000	43.2	67.3	73.2	76.6	79.1	80.3	81.2	83.4	84.0	85.5	85.7	86.0	86.7	86.9	87.2	88.1
≥ 900	43.2	67.5	73.4	76.9	79.3	80.5	81.4	83.6	84.2	85.7	85.9	86.2	86.9	87.1	87.4	88.3
≥ 800	43.2	67.8	73.7	77.4	79.9	81.1	81.9	84.3	84.8	86.3	86.7	87.0	87.6	87.8	88.2	89.2
≥ 700	43.2	68.0	74.1	77.7	80.3	81.5	82.3	84.9	85.5	87.0	87.3	87.6	88.3	88.5	88.8	89.7
≥ 600	43.2	68.1	74.2	77.8	80.5	81.9	82.9	85.6	86.1	87.6	87.9	88.3	88.9	89.1	89.5	90.3
≥ 500	43.2	68.1	74.4	78.1	80.9	82.5	83.4	86.3	86.9	88.6	88.9	89.2	89.9	90.1	90.4	91.3
≥ 400	43.2	68.1	74.4	78.6	81.5	83.2	84.3	87.3	87.8	89.6	89.9	90.2	90.9	91.1	91.4	92.2
≥ 300	43.2	68.1	74.5	78.7	81.7	83.5	84.7	88.2	88.7	90.4	90.9	91.2	91.8	92.0	92.4	93.2
≥ 200	43.2	68.2	74.6	78.8	81.8	83.7	84.9	88.4	88.9	90.7	91.3	92.2	93.3	93.5	94.1	95.2
≥ 100	43.2	68.2	74.6	78.8	81.8	83.7	84.9	88.4	88.9	90.9	91.5	92.6	93.8	94.1	94.6	95.4
≥ 0	43.2	68.2	74.6	78.8	81.8	83.7	84.9	88.4	88.9	90.9	91.5	92.7	94.0	94.3	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	13.0	17.0	18.2	19.7	18.9	19.5	20.0	20.3	20.3	20.8	21.1	21.1	21.5	21.5	21.6	22.3
≥ 20000	15.1	19.7	20.9	21.6	21.8	22.4	22.9	23.2	23.2	24.0	24.4	24.4	24.9	24.9	25.3	25.7
≥ 18000	15.2	19.8	21.0	21.7	21.9	22.5	23.0	23.3	23.3	24.1	24.5	24.5	25.1	25.1	25.4	25.8
≥ 16000	15.4	20.0	21.2	21.9	22.2	22.7	23.2	23.5	23.5	24.3	24.7	24.7	25.3	25.3	25.6	26.0
≥ 14000	15.6	20.4	21.6	22.4	22.6	23.1	23.7	24.0	24.0	24.7	25.2	25.2	25.7	25.7	26.0	26.5
≥ 12000	16.8	21.8	23.0	23.8	24.0	24.5	25.1	25.4	25.4	26.1	26.6	26.6	27.1	27.1	27.4	27.8
≥ 10000	17.8	23.7	24.8	25.8	26.0	26.7	27.2	27.5	27.5	28.3	28.7	28.7	29.4	29.4	29.7	30.1
≥ 9000	19.1	24.9	26.1	27.1	27.3	28.0	28.5	28.8	28.8	29.6	30.0	30.0	30.6	30.6	31.0	31.4
≥ 8000	21.3	28.9	30.9	32.0	32.4	33.0	33.5	33.9	33.9	34.6	35.1	35.1	35.7	35.7	36.0	36.5
≥ 7000	23.0	32.4	34.5	35.7	36.1	36.8	37.3	37.6	37.6	38.4	38.8	38.8	39.5	39.5	39.8	40.2
≥ 6000	24.7	35.5	37.6	38.9	39.5	40.2	40.8	41.1	41.1	41.8	42.3	42.3	42.9	42.9	43.2	43.7
≥ 5000	27.1	40.3	42.8	44.3	44.8	45.6	46.1	46.5	46.5	47.2	47.6	47.6	48.3	48.3	48.6	49.0
≥ 4500	29.2	43.2	45.8	47.3	47.8	48.6	49.1	49.5	49.5	50.2	50.6	50.6	51.3	51.3	51.6	52.0
≥ 4000	31.1	45.6	48.7	50.3	51.1	51.8	52.5	52.9	52.9	53.7	54.1	54.1	54.7	54.7	55.1	55.5
≥ 3500	33.8	49.7	53.5	55.7	56.5	57.2	57.8	58.3	58.3	59.0	59.5	59.5	60.1	60.1	60.5	61.0
≥ 3000	36.2	53.7	57.7	60.0	61.0	61.7	62.3	62.9	63.0	64.1	64.5	64.5	65.2	65.2	65.6	66.0
≥ 2500	38.5	58.3	63.1	65.5	66.7	67.5	68.3	68.7	68.8	70.0	70.4	70.4	71.1	71.1	71.5	71.9
≥ 2000	40.9	62.5	68.0	70.8	72.3	73.1	73.9	74.3	74.4	75.6	76.2	76.2	76.9	76.9	77.3	77.7
≥ 1800	41.0	62.8	68.3	71.2	72.7	73.5	74.4	74.8	74.9	76.1	76.8	76.8	77.4	77.4	77.8	78.3
≥ 1500	41.1	63.4	69.0	72.3	74.0	74.8	75.7	76.2	76.3	77.5	78.2	78.2	78.8	78.8	79.2	79.7
≥ 1200	41.4	65.5	71.2	75.2	77.2	78.1	79.0	79.6	79.7	80.9	81.5	81.5	82.2	82.2	82.6	83.0
≥ 1000	41.9	66.3	72.2	76.1	78.5	79.5	80.4	81.4	81.6	82.8	83.4	83.4	84.1	84.1	84.5	84.9
≥ 900	41.9	66.5	72.3	76.3	78.8	79.8	80.8	81.7	81.9	83.2	83.9	83.9	84.5	84.5	84.9	85.4
≥ 800	41.9	66.9	72.8	76.9	79.4	80.3	81.3	82.6	82.8	84.3	84.9	84.9	85.6	85.6	86.0	86.5
≥ 700	41.9	66.9	72.8	77.0	79.7	80.6	81.6	83.0	83.3	84.8	85.5	85.5	86.1	86.1	86.6	87.0
≥ 600	41.9	67.2	73.2	77.5	80.5	81.5	82.6	84.0	84.3	85.9	86.6	86.6	87.2	87.2	87.6	88.1
≥ 500	41.9	67.2	73.4	77.8	81.1	82.3	83.4	85.1	85.4	87.2	87.8	87.8	88.5	88.5	88.9	89.4
≥ 400	41.9	67.2	73.7	78.6	81.8	83.0	84.8	86.5	86.9	88.7	89.4	89.4	90.0	90.0	90.4	90.9
≥ 300	41.9	67.2	73.7	78.6	81.8	83.0	85.2	87.3	87.8	89.9	90.5	90.5	91.4	91.4	91.9	92.4
≥ 200	41.9	67.2	73.7	78.7	81.9	83.1	85.5	87.8	88.6	90.6	91.4	91.6	92.6	92.8	93.3	94.5
≥ 100	41.9	67.2	73.7	78.7	81.9	83.1	85.5	87.8	88.6	90.9	91.7	91.9	93.1	93.5	94.7	97.1
0	41.9	67.2	73.7	78.7	81.9	83.1	85.5	87.8	88.6	90.9	91.7	91.9	93.1	93.5	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 330

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 49,60-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	12.1	15.7	16.6	16.8	17.1	17.3	17.6	17.8	17.9	18.1	18.3	18.3	18.5	18.9	19.0	19.2
≥ 20000	14.7	18.8	19.7	20.0	20.3	20.4	20.7	21.1	21.1	21.5	21.7	21.7	21.9	22.3	22.4	22.6
≥ 18000	14.8	18.9	19.8	20.1	20.3	20.5	20.8	21.1	21.2	21.6	21.8	21.8	22.0	22.4	22.5	22.7
≥ 16000	15.0	19.1	20.0	20.3	20.5	20.7	21.0	21.3	21.4	21.8	22.0	22.0	22.1	22.6	22.7	22.8
≥ 14000	15.1	19.2	20.1	20.3	20.6	20.8	21.1	21.4	21.5	21.9	22.0	22.0	22.2	22.7	22.8	23.0
≥ 12000	15.7	20.0	20.9	21.1	21.4	21.6	21.9	22.2	22.3	22.7	22.8	22.8	23.0	23.5	23.7	23.8
≥ 10000	16.1	22.9	23.8	24.1	24.4	24.6	24.8	25.2	25.3	25.6	25.8	25.8	26.0	26.4	26.6	26.8
≥ 9000	18.6	23.6	24.5	24.7	25.0	25.2	25.4	25.8	25.9	26.3	26.4	26.4	26.6	27.1	27.2	27.4
≥ 8000	21.0	26.7	27.9	28.4	28.9	29.0	29.4	29.7	29.8	30.2	30.4	30.4	30.6	31.1	31.4	31.5
≥ 7000	23.6	30.7	32.3	32.8	33.3	33.6	34.1	34.4	34.5	34.9	35.1	35.1	35.4	35.8	36.1	36.3
≥ 6000	25.4	34.1	35.8	36.4	36.9	37.2	37.6	38.0	38.1	38.7	38.9	38.9	39.2	39.6	39.9	40.1
≥ 5000	27.8	38.9	40.7	41.3	41.8	42.2	42.7	43.4	43.5	44.1	44.3	44.3	44.5	45.0	45.3	45.5
≥ 4500	29.3	41.5	43.3	44.0	44.5	45.0	45.5	46.1	46.2	46.9	47.0	47.0	47.3	47.8	48.2	48.4
≥ 4000	32.5	46.3	48.4	49.6	50.3	50.7	51.3	52.1	52.2	53.0	53.4	53.4	53.7	54.2	54.7	54.8
≥ 3500	34.6	50.2	52.9	54.0	54.9	55.5	56.3	57.2	57.3	58.2	58.5	58.5	58.8	59.3	59.8	60.0
≥ 3000	37.1	53.9	57.1	58.3	59.7	60.2	61.1	62.0	62.2	63.4	63.8	63.8	64.1	64.6	65.1	65.4
≥ 2500	38.1	56.9	60.4	61.6	63.5	64.1	65.1	66.0	66.3	67.6	67.9	67.9	68.2	68.7	69.3	69.5
≥ 2000	39.9	60.9	64.6	66.2	68.5	69.0	70.2	71.3	71.6	73.0	73.6	73.6	73.8	74.4	75.0	75.3
≥ 1800	40.3	62.0	65.7	67.4	69.8	70.3	71.0	72.8	73.0	74.5	75.0	75.0	75.3	75.8	76.4	76.7
≥ 1500	40.9	63.0	66.9	68.7	71.1	71.7	72.9	74.4	74.6	76.1	76.7	76.7	77.0	77.5	78.1	78.4
≥ 1200	40.9	64.2	68.5	70.4	73.0	73.6	75.1	76.5	76.9	78.4	79.0	79.0	79.3	79.8	80.5	80.7
≥ 1000	41.2	64.7	69.0	71.1	73.9	74.5	76.2	77.7	78.0	79.6	80.2	80.2	80.5	81.0	81.6	81.9
≥ 900	41.2	65.0	69.4	71.7	74.5	75.0	76.8	78.5	78.9	80.4	81.0	81.0	81.3	81.8	82.4	82.7
≥ 800	41.4	65.5	69.9	72.5	75.3	75.8	77.7	79.5	80.0	81.7	82.3	82.3	82.7	83.2	83.9	84.2
≥ 700	41.5	65.8	70.3	72.9	75.8	76.3	78.5	80.3	80.8	82.5	83.2	83.2	83.5	84.1	84.7	85.0
≥ 600	41.5	65.9	70.4	73.1	76.1	76.7	79.1	81.0	81.6	83.3	84.1	84.1	84.5	85.0	85.7	86.0
≥ 500	41.5	65.9	70.6	73.5	76.5	77.2	79.9	81.9	82.7	84.6	85.5	85.5	85.9	86.5	87.1	87.5
≥ 400	41.6	66.3	71.2	74.2	77.4	78.1	81.0	83.5	84.5	86.5	87.4	87.4	87.9	88.4	89.2	89.5
≥ 300	41.6	66.3	71.3	74.4	77.9	78.6	81.7	84.9	86.0	88.3	89.3	89.4	90.0	90.7	91.4	91.7
≥ 200	41.6	66.3	71.3	74.4	78.0	78.8	82.1	85.4	86.5	88.9	90.0	90.2	91.0	92.1	93.4	94.1
≥ 100	41.6	66.3	71.3	74.4	78.0	78.8	82.1	85.4	86.5	88.8	90.1	90.3	91.3	92.4	94.2	97.1
0	41.6	66.3	71.3	74.4	78.0	78.8	82.1	85.4	86.5	88.8	90.1	90.3	91.3	92.4	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	10.1	11.4	11.8	12.0	12.1	12.2	12.2	12.3	12.4	12.5	12.5	12.5	12.9	12.9	13.0	13.3
≥ 20000	15.1	17.0	17.5	17.7	17.7	17.8	18.0	18.2	18.3	18.5	18.5	18.5	19.0	19.0	19.2	19.7
≥ 18000	15.1	17.1	17.7	17.8	17.9	18.0	18.2	18.4	18.5	18.7	18.7	18.7	19.2	19.2	19.4	19.9
≥ 16000	15.8	17.8	18.4	18.5	18.6	18.7	19.0	19.2	19.3	19.5	19.5	19.5	20.1	20.1	20.3	20.9
≥ 14000	17.0	17.1	19.6	19.8	19.9	20.0	20.3	20.4	20.5	20.8	20.8	20.8	21.3	21.3	21.6	22.1
≥ 12000	16.4	20.5	21.1	21.4	21.5	21.7	22.0	22.1	22.2	22.5	22.5	22.5	23.0	23.0	23.3	23.9
≥ 10000	20.8	23.2	23.8	24.3	24.5	24.6	24.9	25.1	25.2	25.4	25.4	25.4	26.0	26.0	26.3	26.8
≥ 9000	22.0	24.8	25.5	26.0	26.2	26.3	26.6	26.8	26.9	27.2	27.2	27.2	27.7	27.7	28.0	28.5
≥ 8000	25.6	28.9	29.7	30.3	30.6	30.7	31.0	31.4	31.5	31.7	31.7	31.8	32.4	32.4	32.7	33.2
≥ 7000	29.8	33.6	34.5	35.0	35.4	35.6	35.8	36.3	36.4	36.6	36.6	36.7	37.4	37.4	37.6	38.2
≥ 6000	33.2	37.5	38.4	39.1	39.5	39.7	40.1	40.6	40.7	41.2	41.2	41.3	41.9	41.9	42.2	42.7
≥ 5000	35.9	41.5	42.6	43.2	43.7	43.9	44.5	45.1	45.2	45.8	45.8	45.9	46.5	46.5	46.8	47.3
≥ 4500	37.9	43.8	44.9	45.7	46.5	46.7	47.6	48.2	48.3	48.9	49.0	49.1	49.7	49.7	50.0	50.5
≥ 4000	41.6	49.0	50.4	51.4	52.5	53.0	54.2	55.0	55.1	55.8	55.9	56.0	56.6	56.6	56.9	57.4
≥ 3500	43.8	52.1	53.8	54.7	56.0	56.5	57.8	58.8	58.9	59.7	59.9	59.9	60.6	60.6	60.8	61.4
≥ 3000	46.8	55.9	57.7	58.8	60.3	60.8	62.4	63.4	63.4	64.3	64.6	64.8	65.5	65.5	65.8	66.4
≥ 2500	49.3	59.6	61.9	63.0	64.6	65.1	66.9	68.0	68.1	69.1	69.4	69.6	70.3	70.3	70.6	71.2
≥ 2000	51.4	62.5	65.1	66.4	68.5	69.2	71.2	72.4	72.6	73.6	73.9	74.2	74.9	74.9	75.2	75.8
≥ 1800	52.1	63.4	66.0	67.3	69.4	70.1	72.1	73.3	73.5	74.6	74.9	75.2	75.9	75.9	76.2	76.8
≥ 1500	52.6	64.7	67.5	68.8	71.1	71.9	74.1	75.3	75.5	76.7	77.1	77.3	78.1	78.1	78.4	79.0
≥ 1200	53.0	65.8	68.6	70.0	72.2	73.2	75.5	76.7	77.0	78.4	78.8	79.0	79.8	79.8	80.1	80.7
≥ 1000	53.1	66.8	69.8	71.2	73.7	74.9	77.2	78.5	78.8	80.4	80.7	81.0	81.8	81.8	82.1	82.7
≥ 900	53.1	67.1	70.4	71.9	74.3	75.8	78.2	79.5	79.7	81.4	81.7	82.0	82.8	82.8	83.1	83.7
≥ 800	53.2	67.3	70.6	72.0	74.5	76.2	78.7	79.9	80.2	81.8	82.4	82.7	83.5	83.5	83.8	84.4
≥ 700	53.2	67.6	71.0	72.5	75.0	76.7	79.3	80.7	81.0	82.6	83.2	83.6	84.4	84.4	84.7	85.3
≥ 600	53.2	67.7	71.1	72.8	75.6	77.3	80.2	81.7	82.0	83.6	84.3	84.7	85.5	85.5	85.8	86.4
≥ 500	53.2	67.7	71.3	73.2	76.2	78.0	81.2	82.7	83.0	84.7	85.4	85.8	86.6	86.9	87.2	88.0
≥ 400	53.2	67.8	71.4	73.5	76.6	78.7	82.1	84.1	84.5	86.5	87.2	87.5	88.5	88.9	89.2	90.1
≥ 300	53.2	67.8	71.4	73.6	76.7	79.1	82.8	85.2	85.7	88.4	89.9	90.2	91.4	91.8	92.2	93.7
≥ 200	53.2	67.8	71.4	73.6	76.7	79.1	82.8	85.2	85.8	88.9	90.9	91.2	92.6	93.4	94.1	97.1
≥ 100	53.2	67.8	71.4	73.6	76.7	79.1	82.8	85.2	85.8	88.9	90.9	91.5	92.8	93.9	95.0	99.6
≥ 0	53.2	67.8	71.4	73.6	76.7	79.1	82.8	85.2	85.8	88.9	90.9	91.5	92.8	93.9	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39.60-70 (YEARS) 10 (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¼	≥1½	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	10.7	11.3	11.6	11.7	12.0	12.0	12.0	12.0	12.1	12.7	12.8	12.8	12.8	12.8	12.8	13.0
≥ 20000	16.6	17.5	17.8	18.1	18.4	18.4	18.5	18.5	18.6	19.4	19.4	19.4	19.4	19.6	19.6	19.8
≥ 18000	16.8	17.7	18.2	18.4	18.6	18.6	18.8	18.8	18.9	19.6	19.7	19.7	19.7	19.9	19.9	20.1
≥ 16000	17.4	18.3	18.7	18.9	19.2	19.2	19.4	19.4	19.5	20.3	20.3	20.3	20.3	20.5	20.5	20.7
≥ 14000	18.4	19.4	19.8	20.1	20.3	20.3	20.6	20.6	20.7	21.4	21.5	21.5	21.5	21.7	21.7	21.9
≥ 12000	20.3	21.6	22.0	22.3	22.6	22.6	22.8	22.8	22.9	23.7	23.8	23.8	23.8	24.0	24.0	24.2
≥ 10000	22.1	24.2	24.6	25.0	25.3	25.3	25.5	25.5	25.6	26.4	26.5	26.5	26.5	26.7	26.7	26.9
≥ 9000	24.1	25.8	26.4	26.8	27.1	27.1	27.4	27.4	27.5	28.3	28.4	28.4	28.4	28.6	28.6	28.8
≥ 8000	27.1	29.2	30.0	30.6	30.9	31.1	31.5	31.7	31.8	32.6	32.8	32.8	32.8	33.0	33.0	33.2
≥ 7000	30.2	33.1	34.0	34.8	35.1	35.3	35.8	36.2	36.3	37.1	37.3	37.3	37.3	37.5	37.5	37.6
≥ 6000	32.2	35.4	36.8	37.6	38.2	38.5	39.1	39.7	39.9	40.7	40.9	40.9	40.9	41.0	41.0	41.2
≥ 5000	35.7	40.6	42.3	43.5	44.3	44.6	45.3	46.0	46.1	47.0	47.2	47.2	47.2	47.4	47.4	47.6
≥ 4500	38.5	43.8	45.8	47.3	48.2	48.6	49.4	50.2	50.4	51.4	51.6	51.6	51.6	51.8	51.8	52.0
≥ 4000	40.5	47.8	50.1	51.9	53.2	53.6	54.7	55.6	55.7	56.8	57.0	57.0	57.0	57.2	57.2	57.3
≥ 3500	43.1	51.3	53.9	55.7	57.1	57.4	58.8	59.8	59.9	61.0	61.2	61.2	61.2	61.4	61.4	61.6
≥ 3000	45.7	54.9	57.8	59.8	61.3	61.7	63.3	64.2	64.4	65.6	65.8	65.8	65.8	65.9	65.9	66.1
≥ 2500	48.7	59.5	63.0	65.1	66.9	67.7	69.3	70.7	70.9	72.1	72.3	72.3	72.3	72.5	72.5	72.7
≥ 2000	56.4	64.1	67.7	70.1	72.1	72.9	74.7	76.6	76.9	78.1	78.4	78.4	78.4	78.6	78.6	78.8
≥ 1800	52.7	64.4	68.0	70.4	72.5	73.3	75.1	77.0	77.2	78.5	78.8	78.8	78.8	78.9	78.9	79.1
≥ 1500	53.9	66.7	70.5	73.2	75.5	76.3	78.2	80.1	80.6	81.8	82.2	82.2	82.2	82.3	82.3	82.5
≥ 1200	54.3	67.7	71.5	74.7	77.2	78.1	80.3	82.2	82.7	84.0	84.3	84.3	84.3	84.5	84.5	84.7
≥ 1000	54.7	69.0	72.9	76.2	78.9	79.7	82.0	84.0	84.5	85.8	86.2	86.3	86.5	86.6	86.6	86.8
≥ 900	54.8	69.5	73.6	76.8	79.5	80.6	82.9	84.9	85.5	86.7	87.2	87.3	87.5	87.6	87.6	87.8
≥ 800	54.8	69.6	73.9	77.5	80.2	81.3	83.7	85.8	86.3	87.5	88.2	88.3	88.4	88.6	88.6	88.8
≥ 700	54.9	70.1	74.4	78.0	80.6	81.7	84.1	86.4	86.9	88.3	88.9	89.0	89.2	89.3	89.3	89.5
≥ 600	55.0	70.3	74.6	78.2	80.9	82.2	84.8	87.1	87.6	89.1	89.7	89.8	90.1	90.2	90.2	90.4
≥ 500	55.0	70.4	74.8	78.5	81.6	83.0	85.9	88.4	89.2	91.1	91.9	92.1	92.4	92.6	92.7	92.9
≥ 400	55.0	70.5	75.0	78.7	82.1	83.5	87.0	89.7	90.4	92.8	93.8	94.0	94.4	94.5	94.6	94.8
≥ 300	55.0	70.5	75.0	78.7	82.3	83.9	87.4	90.5	91.2	93.9	95.3	95.9	96.2	96.8	97.1	97.5
≥ 200	55.0	70.5	75.0	78.7	82.3	83.9	87.4	90.5	91.3	94.0	95.5	96.2	96.8	97.3	98.1	99.3
≥ 100	55.0	70.5	75.0	78.7	82.3	83.9	87.4	90.5	91.3	94.1	95.6	96.3	96.9	97.4	98.2	99.7
0	55.0	70.5	75.0	78.7	82.3	83.9	87.4	90.5	91.3	94.1	95.6	96.3	96.9	97.4	98.2	99.7

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) LFC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	11.7	13.1	13.5	13.9	14.0	14.1	14.2	14.2	14.2	14.5	14.6	14.6	14.6	14.6	14.7	14.9
≥ 20000	16.5	18.4	19.0	19.5	19.6	19.8	20.1	20.3	20.4	20.9	21.1	21.1	21.1	21.2	21.6	22.0
≥ 18000	16.6	18.5	19.1	19.6	19.7	19.9	20.2	20.4	20.5	21.0	21.1	21.1	21.2	21.3	21.7	22.0
≥ 16000	16.9	18.8	19.4	20.0	20.1	20.3	20.5	20.8	20.9	21.3	21.5	21.5	21.6	21.7	22.0	22.4
≥ 14000	18.4	20.5	21.1	21.7	21.9	22.0	22.3	22.6	22.7	23.1	23.3	23.3	23.4	23.5	23.8	24.2
≥ 12000	19.8	22.4	23.1	23.7	23.8	24.0	24.4	24.6	24.7	25.2	25.4	25.4	25.4	25.5	25.9	26.3
≥ 10000	21.2	24.3	25.1	25.7	26.0	26.2	26.5	26.8	26.9	27.3	27.5	27.5	27.6	27.7	28.0	28.4
≥ 9000	22.3	25.6	26.5	27.2	27.5	27.7	28.0	28.3	28.4	28.9	29.0	29.0	29.1	29.2	29.6	29.9
≥ 8000	25.1	29.0	30.3	31.0	31.5	31.8	32.4	32.7	32.8	33.2	33.5	33.5	33.6	33.7	34.1	34.4
≥ 7000	28.3	34.0	35.3	36.0	36.6	36.8	37.5	37.7	37.8	38.3	38.5	38.5	38.6	38.8	39.2	39.5
≥ 6000	30.8	36.9	38.4	39.1	39.6	39.9	40.6	40.9	41.0	41.5	41.8	41.8	41.8	42.0	42.4	42.7
≥ 5000	34.7	41.8	44.1	45.0	45.7	46.0	47.0	47.5	47.8	48.3	48.6	48.6	48.7	48.8	49.2	49.6
≥ 4500	36.4	44.1	46.7	47.7	48.6	48.9	50.2	50.7	51.0	51.7	52.0	52.0	52.1	52.2	52.6	53.0
≥ 4000	39.0	47.8	50.5	51.9	53.0	53.5	55.1	55.7	56.0	57.1	57.3	57.3	57.4	57.6	58.0	58.3
≥ 3500	40.3	50.6	53.8	55.5	57.0	57.5	59.3	60.3	60.6	61.6	61.9	61.9	62.0	62.2	62.6	62.9
≥ 3000	43.3	55.1	59.0	60.8	62.5	63.1	65.1	66.2	66.6	67.7	67.9	67.9	68.0	68.2	68.5	68.9
≥ 2500	46.3	60.4	65.1	67.1	69.2	69.8	72.3	73.7	74.0	75.4	75.6	75.6	75.7	75.9	76.3	76.6
≥ 2000	47.8	63.6	68.4	70.6	72.8	73.6	76.3	77.8	78.3	79.8	80.1	80.1	80.3	80.5	80.8	81.2
≥ 1800	48.6	64.3	69.1	71.5	73.7	74.6	77.3	78.9	79.4	80.9	81.2	81.2	81.4	81.5	81.9	82.3
≥ 1500	49.5	66.0	71.0	73.7	76.1	77.2	79.8	81.5	82.1	83.7	84.0	84.0	84.1	84.3	84.7	85.0
≥ 1200	50.4	67.9	72.9	75.8	78.9	80.2	82.9	84.6	85.2	86.9	87.2	87.2	87.4	87.5	87.9	88.4
≥ 1000	50.4	68.5	73.8	76.9	80.1	81.5	84.1	85.9	86.6	88.5	88.8	88.8	89.2	89.3	89.7	90.1
≥ 900	50.4	68.5	73.8	77.1	80.6	82.1	84.9	86.9	87.7	89.6	89.9	89.9	90.2	90.4	90.8	91.2
≥ 800	50.4	68.6	74.0	77.3	81.2	82.6	85.5	87.5	88.3	90.2	90.7	90.7	91.0	91.2	91.6	92.0
≥ 700	50.6	68.9	74.3	77.7	81.6	83.1	85.9	88.1	88.9	91.0	91.7	91.7	92.0	92.2	92.6	93.0
≥ 600	50.6	69.0	74.4	78.0	82.1	83.5	86.5	88.7	89.5	91.8	92.5	92.6	93.1	93.3	93.6	94.1
≥ 500	50.6	69.1	74.5	78.1	82.3	83.7	86.8	89.2	90.1	92.4	93.1	93.2	93.9	94.1	94.6	95.1
≥ 400	50.6	69.1	74.5	78.1	82.3	83.8	87.0	89.6	90.5	93.1	94.4	94.5	95.3	95.6	96.0	96.4
≥ 300	50.6	69.1	74.5	78.2	82.4	83.9	87.2	89.9	90.8	93.5	95.2	95.3	96.4	96.8	97.3	98.0
≥ 200	50.6	69.1	74.5	78.2	82.4	83.9	87.2	89.9	90.8	93.5	95.2	95.3	96.6	97.0	97.4	99.1
≥ 100	50.6	69.1	74.5	78.2	82.4	83.9	87.2	89.9	90.8	93.6	95.3	95.4	96.7	97.1	97.9	99.9
≥ 0	50.6	69.1	74.5	78.2	82.4	83.9	87.2	89.9	90.8	93.6	95.3	95.4	96.7	97.1	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 1116

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	12.5	16.5	17.4	18.0	18.6	19.7	19.1	19.7	19.8	20.0	20.1	20.2	20.4	20.4	20.6	20.7
≥ 20000	14.8	19.2	20.3	20.8	21.5	21.8	22.4	23.1	23.3	23.6	23.7	23.8	24.1	24.1	24.2	24.4
≥ 18000	14.8	19.2	20.3	20.8	21.6	21.8	22.4	23.1	23.3	23.6	23.7	23.8	24.1	24.1	24.2	24.4
≥ 16000	14.9	19.3	20.4	20.9	21.7	21.9	22.5	23.2	23.4	24.7	23.8	23.9	24.1	24.1	24.3	24.5
≥ 14000	15.9	20.7	21.8	22.4	23.2	23.3	24.0	24.6	24.9	25.1	25.2	25.3	25.6	25.6	25.8	25.9
≥ 12000	17.6	22.5	23.7	24.2	25.0	25.3	25.9	26.6	26.8	27.1	27.2	27.3	27.6	27.6	27.7	27.9
≥ 10000	19.7	25.0	26.5	27.0	27.9	28.2	28.8	29.4	29.7	30.0	30.2	30.3	30.5	30.5	30.7	30.9
≥ 9000	20.7	26.5	28.1	28.6	29.5	29.8	30.6	31.2	31.5	31.8	32.0	32.1	32.3	32.3	32.5	32.7
≥ 8000	23.4	30.8	32.7	33.4	34.4	34.6	35.5	36.1	36.4	36.6	36.8	36.9	37.2	37.2	37.4	37.6
≥ 7000	25.7	35.1	37.2	38.0	39.0	39.3	40.1	40.7	41.1	41.4	41.7	41.7	42.0	42.0	42.3	42.5
≥ 6000	27.7	38.6	40.8	41.7	42.6	43.0	44.0	44.6	45.0	45.2	45.5	45.6	46.0	46.0	46.3	46.5
≥ 5000	30.8	43.4	46.0	47.2	48.3	48.7	49.6	50.3	50.6	51.0	51.3	51.3	51.7	51.7	52.1	52.2
≥ 4500	32.0	45.6	48.6	50.1	51.6	52.0	53.3	54.0	54.4	54.8	55.1	55.3	55.6	55.6	55.9	56.1
≥ 4000	33.5	48.7	51.9	53.5	55.1	55.5	57.0	57.8	58.2	58.6	58.9	59.0	59.3	59.3	59.7	59.9
≥ 3500	35.5	52.2	55.8	57.6	59.5	60.1	61.7	62.7	63.0	63.5	63.7	63.8	64.2	64.2	64.5	64.7
≥ 3000	37.2	56.0	60.8	63.0	65.4	66.2	67.7	68.8	69.1	69.6	69.8	69.9	70.3	70.3	70.6	70.8
≥ 2500	39.2	61.1	67.1	69.8	72.5	73.2	75.3	76.4	76.8	77.2	77.5	77.6	77.9	77.9	78.3	78.5
≥ 2000	40.3	64.1	70.6	73.9	76.9	77.9	80.3	81.3	81.7	82.2	82.5	82.6	82.9	82.9	83.3	83.5
≥ 1800	40.7	64.7	71.2	74.5	77.6	78.5	80.9	82.0	82.3	82.9	83.1	83.2	83.6	83.6	83.9	84.1
≥ 1500	41.3	66.0	72.7	76.2	79.3	80.4	82.8	83.8	84.3	85.0	85.3	85.4	85.7	85.7	86.1	86.3
≥ 1200	41.8	67.4	74.3	78.2	81.2	82.4	84.9	86.1	86.5	87.3	87.5	87.6	88.0	88.0	88.3	88.5
≥ 1000	41.8	67.4	74.4	78.3	81.5	82.9	85.5	86.7	87.2	87.9	88.2	88.2	88.6	88.6	89.0	89.1
≥ 900	41.8	67.4	74.4	78.5	81.8	83.2	85.9	87.1	87.5	88.2	88.5	88.6	99.0	89.0	89.3	89.4
≥ 800	41.8	67.5	74.5	78.6	82.1	83.6	86.3	87.5	88.0	88.8	89.0	89.1	89.5	89.5	89.9	90.1
≥ 700	41.9	67.6	74.6	78.7	82.2	83.7	86.4	87.7	88.2	89.0	89.2	89.3	89.7	89.7	90.0	90.2
≥ 600	42.1	68.0	75.0	79.4	83.1	84.6	87.3	88.7	89.1	89.9	90.2	90.3	90.7	90.7	91.0	91.2
≥ 500	42.1	68.0	75.1	79.6	83.5	84.9	87.6	89.1	89.6	90.8	91.0	91.1	91.5	91.5	91.8	92.0
≥ 400	42.1	68.0	75.1	79.6	83.5	85.0	87.8	89.9	90.5	91.7	92.5	92.5	93.0	93.0	93.3	93.6
≥ 300	42.1	68.0	75.1	79.6	83.6	85.3	88.3	90.8	91.4	92.9	93.7	93.8	94.3	94.3	95.0	95.2
≥ 200	42.1	68.0	75.1	79.6	83.6	85.3	88.3	91.0	91.7	93.4	94.3	94.4	95.0	95.0	96.0	96.3
≥ 100	42.1	68.0	75.1	79.6	83.6	85.3	88.3	91.0	91.7	93.4	94.4	94.7	95.4	95.4	96.5	97.0
≥ 0	42.1	68.0	75.1	79.6	83.6	85.3	88.3	91.0	91.7	93.4	94.4	94.7	95.4	95.4	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1114

USAFETAC FORM JUL 64 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24201 (STATION) FT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	13.9	18.6	18.9	19.7	20.5	20.6	21.0	21.9	21.9	22.4	22.4	22.5	22.9	23.1	23.2	23.4
≥ 20000	15.2	20.2	20.6	21.6	22.4	22.5	22.9	23.8	23.8	24.4	24.4	24.6	25.0	25.1	25.3	25.7
≥ 18000	15.2	20.2	20.6	21.6	22.4	22.5	22.9	23.8	23.8	24.4	24.4	24.6	25.0	25.1	25.3	25.7
≥ 16000	15.3	20.3	20.7	21.7	22.5	22.6	23.0	23.9	23.9	24.5	24.5	24.7	25.0	25.2	25.4	25.8
≥ 14000	16.1	21.4	21.8	22.9	23.6	23.7	24.1	25.0	25.0	25.6	25.6	25.8	26.2	26.4	26.6	26.9
≥ 12000	17.0	22.6	23.0	24.0	24.8	24.9	25.3	26.3	26.3	26.9	26.9	27.0	27.4	27.6	27.8	28.2
≥ 10000	20.0	26.2	26.7	27.7	28.7	28.7	29.3	30.3	30.3	30.9	30.8	31.0	31.4	31.6	31.8	32.2
≥ 9000	21.3	28.4	28.8	29.9	31.0	31.1	31.7	32.6	32.6	33.2	33.2	33.4	33.8	34.0	34.2	34.5
≥ 8000	22.8	31.3	31.9	33.2	34.3	34.4	35.0	36.0	36.0	36.5	36.5	36.7	37.1	37.3	37.5	37.9
≥ 7000	24.9	35.3	36.4	38.2	39.5	39.6	40.1	41.1	41.1	41.7	41.7	41.9	42.2	42.4	42.6	43.0
≥ 6000	26.6	38.5	39.8	41.7	43.0	43.1	43.6	44.6	44.6	45.2	45.2	45.4	45.7	45.9	46.1	46.5
≥ 5000	29.9	44.2	45.6	47.8	49.1	49.2	49.9	50.9	50.9	51.4	51.4	51.6	52.0	52.2	52.4	52.8
≥ 4500	31.2	46.3	47.7	50.3	51.9	52.0	52.8	53.7	53.7	54.4	54.4	54.6	54.9	55.1	55.3	55.7
≥ 4000	32.5	49.6	51.1	53.9	55.8	55.9	56.6	57.7	57.7	58.3	58.3	58.5	58.9	59.1	59.3	59.7
≥ 3500	35.5	53.8	55.8	58.7	60.7	60.8	61.7	62.8	62.8	63.5	63.5	63.7	64.0	64.2	64.4	64.8
≥ 3000	37.1	57.4	60.5	63.8	65.8	65.9	67.0	68.3	68.3	69.1	69.1	69.3	69.6	69.8	70.0	70.4
≥ 2500	38.6	61.1	65.0	68.6	71.1	71.3	72.6	74.3	74.4	75.3	75.4	75.6	76.0	76.2	76.4	76.8
≥ 2000	39.7	64.2	69.0	72.8	75.6	76.1	77.5	79.2	79.3	80.3	80.4	80.6	80.9	81.1	81.3	81.7
≥ 1800	39.9	64.8	69.5	73.3	76.2	76.7	78.1	79.8	79.9	80.8	81.0	81.2	81.6	81.8	82.0	82.4
≥ 1500	40.9	66.5	71.3	75.0	78.3	78.7	80.3	82.0	82.1	83.0	83.2	83.4	83.8	84.0	84.2	84.6
≥ 1200	41.1	67.3	72.3	76.2	79.5	80.1	82.0	83.7	83.8	84.7	84.9	85.1	85.5	85.7	85.9	86.3
≥ 1000	41.2	67.5	73.0	76.9	80.3	80.8	83.1	84.8	84.9	85.9	86.1	86.3	86.6	86.8	87.0	87.4
≥ 900	41.2	67.6	73.1	77.0	80.6	81.1	83.4	85.1	85.2	86.1	86.4	86.6	87.0	87.2	87.4	87.8
≥ 800	41.2	67.6	73.1	77.5	81.1	81.7	84.0	85.7	85.8	86.7	87.0	87.2	87.6	87.8	88.0	88.3
≥ 700	41.2	67.8	73.3	77.7	81.5	82.1	84.3	86.1	86.1	87.2	87.5	87.7	88.0	88.2	88.4	88.8
≥ 600	41.3	68.0	73.5	78.1	81.9	82.5	84.8	86.5	86.6	87.7	88.0	88.1	88.5	88.7	88.9	89.3
≥ 500	41.3	68.3	74.2	79.0	83.1	84.1	86.5	88.5	88.6	89.7	89.9	90.2	90.6	90.8	91.0	91.4
≥ 400	41.3	68.3	74.3	79.2	83.6	84.9	87.4	89.7	89.8	91.1	91.8	92.1	92.6	92.8	93.0	93.4
≥ 300	41.3	68.3	74.3	79.2	83.6	84.9	87.5	90.1	90.3	91.8	92.6	92.9	93.4	93.5	93.8	94.2
≥ 200	41.3	68.3	74.3	79.2	83.6	84.9	87.5	90.3	90.7	92.3	93.7	94.3	94.8	95.2	95.6	96.4
≥ 100	41.3	68.3	74.3	79.2	83.6	84.9	87.5	90.3	90.7	92.5	94.2	95.0	95.4	96.0	96.4	97.2
≥ 0	41.3	68.3	74.3	79.2	83.6	84.9	87.5	90.3	90.7	92.5	94.3	95.1	95.5	96.1	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1229

USAFETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PART D SKY COVER

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

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

2. By month - by standard 3-hour groups.

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

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

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 60-70 PERIOD | ALL 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		
JAN	ALL	5.2	1.9	2.3	2.1	2.5	1.5	2.1	3.5	4.9	4.1	70.1	8.5	7209
FEB		11.3	3.6	3.7	3.1	2.8	2.4	2.8	4.0	5.3	4.8	56.2	7.4	6563
MAR		13.2	4.1	3.6	3.1	2.5	1.9	2.8	4.3	6.2	6.0	52.3	7.1	6772
APR		8.6	2.5	3.4	3.8	3.3	3.1	3.3	5.8	8.5	5.1	52.5	7.5	6960
MAY		12.5	4.1	4.3	4.4	3.8	3.4	4.6	7.2	8.7	7.2	39.8	6.7	7126
JUN		18.5	6.1	4.8	4.1	3.6	2.9	3.9	6.0	7.4	6.6	36.1	6.0	7495
JUL		34.1	5.4	5.0	4.6	3.2	2.8	3.1	4.8	5.3	4.9	27.0	4.6	7749
AUG		27.5	5.2	4.9	4.2	3.2	2.6	3.6	4.6	5.9	5.7	32.6	5.3	7570
SEP		25.5	5.4	4.8	4.2	3.8	2.8	3.4	4.6	4.9	4.7	35.9	5.5	7495
OCT		10.5	3.9	4.2	4.1	3.7	2.9	3.2	5.2	7.0	5.8	49.5	7.1	7682
NOV		7.2	2.2	3.4	2.9	2.5	2.1	2.8	4.1	6.2	5.1	61.4	7.9	7311
DEC		4.8	1.4	2.3	2.3	2.5	1.9	2.4	3.3	4.3	4.7	70.2	8.5	7743
TOTALS		14.9	3.8	3.9	3.6	3.1	2.5	3.2	4.8	6.2	5.4	48.6	6.8	87673

USAFETAC FORM JUL 64 0 9 5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 61-70 JAN
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		
JAN	00-02	6.2	3.7	2.8	3.5	2.8	1.8	2.5	1.7	4.4	2.9	67.8	8.1	835
	03-05	7.6	3.6	3.1	1.4	2.5	.7	2.4	2.4	3.2	1.9	71.1	8.1	837
	06-08	5.5	1.8	3.2	2.3	2.8	1.7	1.6	2.3	3.0	4.4	71.4	8.4	929
	09-11	3.1	.4	1.5	1.2	1.7	1.1	1.7	4.7	5.4	6.0	73.1	8.9	929
	12-14	3.2	.6	1.2	1.3	1.9	1.4	1.1	4.6	6.6	5.4	73.0	8.9	929
	15-17	3.6	1.5	1.3	1.1	2.8	1.9	1.7	3.7	6.7	6.4	69.3	8.7	926
	18-20	5.3	1.2	2.0	2.8	3.3	1.7	2.6	3.5	5.6	3.0	68.9	8.4	927
	21-23	6.8	2.1	3.1	3.2	2.1	1.6	3.0	4.9	4.5	2.9	65.8	8.1	897
TOTALS		5.2	1.9	2.3	2.1	2.5	1.5	2.1	3.5	4.9	4.1	70.1	8.5	7209

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 61-70 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	10.4	4.1	4.1	3.4	2.1	2.0	2.6	2.1	4.5	2.8	56.0	6.9	762
	03-05	15.4	3.4	2.8	2.9	1.8	1.4	3.3	3.9	4.1	3.5	57.5	7.2	762
	06-08	10.4	3.8	4.4	3.0	2.4	2.1	2.2	3.4	4.6	6.0	57.7	7.5	846
	09-11	6.9	3.2	3.2	2.4	2.3	2.5	2.1	4.0	5.2	5.7	62.6	8.0	844
	12-14	6.3	2.8	3.0	2.7	2.8	1.3	3.4	4.6	6.2	7.5	59.3	8.0	843
	15-17	7.5	2.8	2.8	2.4	2.8	3.2	3.4	6.3	8.5	4.7	55.5	7.7	844
	18-20	9.6	4.3	5.1	3.8	4.1	4.4	3.1	4.3	5.7	5.1	50.6	7.1	844
	21-23	17.5	4.3	4.2	4.4	3.7	2.6	2.3	3.5	3.9	3.3	50.4	6.6	818
	TOTALS	11.3	3.6	3.7	3.1	2.8	2.4	2.8	4.0	5.3	4.8	56.2	7.4	6563

USAFETAC FORM JUL 64 0 9 5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 61-70 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	23.6	4.5	2.9	2.3	1.4	1.7	2.6	2.4	4.0	3.1	51.6	6.4	781
	03-05	20.0	3.7	3.2	3.2	3.2	1.2	2.2	3.3	4.7	3.7	51.5	6.6	780
	06-08	8.6	3.9	4.4	3.3	2.5	2.3	3.1	4.4	6.6	7.0	54.0	7.5	873
	09-11	5.9	3.8	2.7	3.4	2.6	1.6	3.0	5.9	5.7	6.5	58.8	7.9	874
	12-14	8.5	2.9	3.4	2.6	2.2	1.6	2.2	5.5	6.2	10.4	54.5	7.7	873
	15-17	8.7	4.5	2.2	3.3	3.3	2.3	1.8	3.6	10.0	9.5	50.9	7.5	873
	18-20	11.4	4.5	5.0	3.5	3.3	2.2	3.3	4.8	6.9	4.9	50.1	7.0	874
	21-23	18.7	5.1	4.9	3.1	1.7	2.7	4.0	4.4	5.7	2.8	47.3	6.4	844
TOTALS		13.2	4.1	3.6	3.1	2.5	1.9	2.8	4.3	6.2	6.0	52.3	7.1	6772

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24701 FORT LEWIS WASHINGTON/GRAY AAF 61-70 APR
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		
APR	00-02	17.0	3.7	5.5	4.2	4.1	2.4	2.1	5.0	6.2	3.0	46.8	6.5	805
	03-05	13.1	3.2	2.0	3.2	3.6	3.0	4.0	4.7	5.6	4.1	53.5	7.2	810
	06-08	6.3	2.8	4.1	4.4	2.9	1.9	2.8	4.8	6.1	5.0	58.9	7.8	896
	09-11	4.8	1.6	1.7	2.5	1.7	3.3	2.2	6.7	11.3	5.6	58.7	8.2	896
	12-14	5.1	1.2	2.7	2.5	2.2	2.7	4.0	7.0	11.9	7.0	53.6	8.0	896
	15-17	5.0	1.1	3.0	3.2	3.9	3.8	3.3	7.0	11.5	6.6	51.5	7.9	896
	18-20	5.6	2.5	2.9	4.6	4.3	3.3	3.7	6.1	9.3	5.8	52.0	7.7	897
	21-23	13.2	3.5	5.6	5.9	3.7	4.3	4.3	5.2	5.8	3.5	45.1	6.6	864
TOTALS		8.8	2.5	3.4	3.8	3.3	3.1	3.3	5.8	8.5	5.1	52.5	7.5	6900

USAFETAC FORM 0 9 5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
61-70 — PERIOD
MAY — 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		
MAY	00-02	27.4	6.0	4.9	3.9	3.3	2.5	3.4	5.3	5.1	3.8	34.6	5.3	800
	03-05	14.5	5.5	4.3	4.3	2.9	2.5	4.6	5.5	8.0	4.0	44.0	6.6	841
	06-08	7.6	3.4	3.3	4.2	3.2	3.0	3.3	5.2	7.0	9.0	50.5	7.5	929
	09-11	5.7	3.9	3.1	2.9	2.7	3.3	3.8	7.2	10.0	10.9	46.6	7.6	930
	12-14	6.6	1.5	3.2	4.0	3.7	3.8	7.0	8.6	11.0	9.5	41.2	7.4	929
	15-17	6.9	2.4	4.5	5.1	3.8	4.8	4.5	10.5	12.1	8.3	36.9	7.1	929
	18-20	10.1	3.9	5.3	5.0	5.7	4.5	4.3	9.3	9.2	7.1	35.7	6.6	928
	21-23	20.7	6.2	6.1	6.1	4.9	3.0	6.1	6.3	6.8	4.9	29.0	5.4	840
	TOTALS	12.5	4.1	4.3	4.4	3.6	3.4	4.6	7.2	8.1	7.2	39.6	6.7	7126

USAFETAC FORM JUL 64 0-9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 60-70 JUN
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		
JUN	00-02	32.4	6.4	5.6	4.2	3.0	2.5	4.0	4.0	4.7	2.6	30.1	4.7	808
	03-05	16.4	5.7	4.6	4.4	4.1	2.5	4.7	4.4	7.5	5.9	39.8	6.3	870
	06-08	12.0	4.7	3.4	3.6	2.9	1.6	2.7	6.7	7.8	7.1	47.4	7.0	990
	09-11	13.1	3.9	4.3	3.4	3.2	2.5	3.1	5.7	9.2	8.4	43.0	6.9	989
	12-14	14.1	5.0	4.6	3.9	3.2	3.0	3.9	8.2	7.4	9.4	36.4	6.4	988
	15-17	17.2	6.7	3.1	3.6	3.1	4.1	5.1	6.5	9.1	8.3	33.2	6.1	990
	18-20	19.1	6.0	5.3	4.6	4.1	4.3	3.5	7.0	8.2	6.8	31.1	5.8	990
	21-23	23.8	9.5	7.2	5.3	4.6	2.9	4.3	5.4	4.9	4.0	28.0	4.9	870
	TOTALS	18.5	6.1	4.8	4.1	3.0	2.9	3.9	6.0	7.4	6.6	36.1	6.0	7495

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

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 60-70 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	50.5	3.9	4.8	3.7	2.0	2.4	1.7	3.2	3.9	3.6	20.2	3.4	837
	03-05	30.7	4.2	5.5	3.6	2.6	3.0	2.7	3.6	4.9	3.6	35.8	5.2	899
	06-08	21.8	6.3	3.6	3.7	2.5	1.7	2.2	4.3	4.3	4.4	45.3	6.1	1023
	09-11	25.0	4.7	3.8	3.5	3.1	2.9	2.7	4.8	6.7	6.7	35.9	5.7	1023
	12-14	29.8	3.8	4.7	4.5	3.6	4.7	4.8	6.5	7.0	6.6	23.9	4.9	1023
	15-17	33.0	6.1	4.5	6.5	4.8	2.0	4.6	6.5	6.5	5.7	19.9	4.4	1023
	18-20	36.9	6.4	6.0	6.0	4.1	3.7	3.5	5.8	5.6	4.7	17.5	3.9	1023
	21-23	44.7	7.5	6.9	5.1	3.0	2.0	2.7	3.7	3.6	3.6	17.4	3.3	896
TOTALS		34.1	5.4	5.0	4.0	3.2	2.8	3.1	4.8	5.3	4.9	27.0	4.6	7749

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 60-70 (PERIOD) AUG (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		
AUG	00-02	42.0	5.6	5.0	3.0	2.9	1.7	2.4	2.6	3.9	2.4	28.5	4.1	762
	03-05	29.4	3.3	5.3	2.4	2.8	1.5	2.5	3.1	3.2	4.0	42.5	5.6	849
	06-08	18.0	3.4	4.1	4.2	2.2	1.5	2.0	3.9	5.7	6.1	48.4	6.6	1021
	09-11	20.7	4.8	3.0	2.9	2.4	2.9	3.0	5.3	7.1	6.6	41.1	6.3	1023
	12-14	23.4	4.0	3.7	4.7	2.8	3.7	5.1	7.5	6.2	9.1	29.2	5.6	1022
	15-17	24.9	5.1	4.3	6.3	4.1	3.2	5.2	5.9	8.6	7.9	24.5	5.2	1023
	18-20	25.6	7.6	6.2	6.9	4.6	4.0	4.2	4.6	7.2	5.6	23.3	4.8	1023
	21-23	35.3	7.4	7.6	3.5	3.5	2.2	4.6	3.9	5.3	3.5	23.0	4.2	847
	TOTALS	27.5	5.2	4.9	4.2	3.2	2.6	3.6	4.6	5.9	5.7	32.6	5.3	7570

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 60-70 SEP
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		
SEP	00-02	39.5	4.6	4.0	2.3	3.5	2.1	3.5	4.3	3.2	2.3	30.7	4.5	810
	03-05	29.5	3.8	4.5	4.6	2.9	2.2	2.3	2.9	3.8	3.1	40.5	5.5	869
	06-08	13.1	3.9	5.0	4.9	3.2	2.1	3.1	3.8	4.9	4.8	51.2	6.9	988
	09-11	18.3	4.9	2.7	3.7	3.7	2.5	3.0	4.7	5.3	6.9	44.3	6.5	989
	12-14	22.2	6.0	4.2	3.6	4.1	2.9	3.4	6.2	6.2	6.8	34.3	5.7	989
	15-17	22.2	7.2	5.3	4.4	4.4	4.0	3.0	5.1	8.7	5.8	29.9	5.4	990
	18-20	23.1	7.7	7.1	5.5	5.1	3.4	3.7	6.4	4.8	5.6	27.7	5.1	990
	21-23	36.3	5.2	5.7	4.5	3.4	3.0	5.1	3.6	2.2	2.2	28.9	4.4	870
	TOTALS	25.5	5.4	4.8	4.2	3.8	2.8	3.4	4.6	4.9	4.7	35.9	5.5	7495

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
60-70 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	16.5	4.9	5.2	4.2	3.1	2.7	3.2	5.0	5.7	5.8	41.5	6.2	804
	03-05	12.9	3.7	3.0	4.3	3.4	2.7	3.0	4.4	6.2	5.2	50.5	7.0	854
	06-08	3.2	2.2	3.3	3.7	2.8	2.2	2.9	5.3	8.0	6.8	59.6	8.2	1022
	09-11	3.8	1.2	4.0	3.0	3.2	2.5	2.0	4.5	7.9	8.8	59.0	8.2	1023
	12-14	6.5	2.6	3.3	2.8	4.0	3.4	3.1	6.8	9.0	7.0	51.2	7.7	1023
	15-17	7.9	4.7	3.5	3.8	4.9	2.9	3.9	7.5	6.0	6.3	49.0	7.3	1023
	18-20	11.0	6.8	5.4	5.7	5.1	3.7	2.9	5.0	6.9	4.0	42.8	6.5	1023
	21-23	19.9	5.4	4.9	5.4	3.2	3.4	4.2	3.4	6.2	2.1	42.0	6.0	910
	TOTALS	10.5	3.9	4.2	4.1	3.7	2.9	3.2	5.2	7.0	5.8	49.5	7.1	7682

USAFETAC FORM JUL 64 0 9 5 (OLI) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 FORT LEWIS WASHINGTON/GRAY AAF 60-70 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	10.2	2.8	4.0	1.9	2.2	1.8	2.8	3.6	5.1	3.6	61.3	7.6	719
	03-05	9.9	2.0	4.0	3.2	2.8	1.9	3.5	4.0	5.0	2.8	60.2	7.6	718
	06-08	4.5	1.8	3.2	3.7	3.2	1.0	2.9	2.9	7.6	6.9	61.5	8.2	988
	09-11	3.2	1.4	2.5	3.3	1.9	1.8	2.0	4.1	7.0	5.7	67.0	8.5	990
	12-14	2.6	1.1	2.1	2.2	2.0	2.7	2.5	5.7	8.2	7.9	62.3	8.5	989
	15-17	4.0	2.7	2.9	2.3	2.0	1.5	3.7	4.6	8.3	7.1	60.1	8.2	990
	18-20	10.2	2.6	4.0	2.9	3.6	2.8	3.0	4.3	4.7	3.9	57.8	7.5	988
	21-23	12.2	2.8	3.9	3.7	1.5	2.5	2.0	3.9	3.7	3.0	60.9	7.4	929
	TOTALS	7.2	2.2	3.4	2.9	2.5	2.1	2.8	4.1	6.2	5.1	61.4	7.9	7311

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
60-70 — PERIOD
DEC — 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		
DEC	00-02	7.3	2.0	3.2	2.6	2.6	1.6	2.6	3.4	3.8	3.6	67.2	8.1	835
	03-05	8.6	1.3	3.0	2.4	2.5	1.9	2.9	3.0	3.5	2.3	68.7	8.1	837
	06-08	4.1	1.7	2.3	2.3	2.4	2.6	2.3	3.2	4.4	4.6	70.1	8.5	1021
	09-11	2.2	.5	1.7	2.0	2.3	1.0	2.3	2.8	6.5	7.5	71.2	8.9	1023
	12-14	2.8	1.0	1.3	1.1	1.0	1.8	2.2	4.4	4.9	7.1	71.9	8.9	1022
	15-17	2.3	1.4	1.8	2.3	2.0	1.5	2.5	3.5	4.6	5.4	72.9	8.8	1022
	18-20	4.7	1.6	2.3	2.4	3.7	2.3	1.9	3.1	3.7	2.8	71.4	8.4	1023
	21-23	6.0	1.4	3.0	3.2	2.6	2.6	2.6	2.9	2.8	3.9	68.4	8.2	960
	TOTALS	4.8	1.4	2.3	2.3	2.5	1.9	2.4	3.3	4.3	4.7	70.2	8.5	7763

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

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 presentation 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 deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplemental list also provides extreme temperatures when less than a full month is reported.

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 all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval 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 require two pages in some cases.

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

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. 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.

DAILY TEMPERATURES

USAF ETAC
AIR WEATHER SERVICE/MAC
94201 FORT LEWIS WASHINGTON/GRAY AAF 39-40, 60-64
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
95							.9	1.					.2
90					.6	.3	5.1	4.	.3				1.
85					2.1	4.2	13.3	14.1	2.				5.
80				1.2	4.9	12.4	28.0	25.	7.				6.
75				2.1	10.6	27.0	50.3	48.2	19.7	.3			13.4
70		.7	1.0	8.7	22.5	46.7	72.6	71.1	41.3	7.1			22.9
65		1.3	3.3	12.4	45.3	71.8	92.5	93.3	71.7	20.9			34.1
60	1.2	6.0	14.5	27.0	66.6	92.7	99.1	99.6	95.7	50.7	5.6	1.6	47.5
55	8.1	17.7	34.8	59.7	87.8	98.8	100.0	100.	99.7	85.	30.0	7.4	61.4
50	21.6	32.7	63.2	90.9	97.9	99.7			100.0	98.0	63.3	25.6	76.7
45	47.1	62.0	91.0	99.4	100.0	100.0				100.0	88.0	56.1	88.7
40	7	97.2	98.1	100.0							97.3	77.1	95.1
35	91.	99.6	100.0								100.0	92.3	98.6
30	9	100.0										97.7	99.3
25	97.											98.7	99.8
20	100.											99.7	100.0
15												100.0	100.0
MEAN	43.7	49.7	52.2	56.9	63.8	69.6	75.1	75.4	61	60.1	51.0	44.9	51.
S D	7.283	5.944	6.595	6.618	8.402	7.906	7.878	8.009	6.	.756	5.715	7.426	12.9
TOTAL OBS	310	283	310	330	329	330	332	264	300	297	270	310	36 4

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

242 1 FORT LEWIS WASHINGTON/GRAY AAF 39-40, 50-6[illegible]
STATION STATION NAME (EARS)

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65							[illegible]						[illegible]
60						[illegible]	[illegible]	[illegible]	[illegible]				[illegible]
55					[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
50		1.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
20	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]	[illegible]
15	[illegible]	[illegible]	[illegible]									[illegible]	[illegible]
10	[illegible]											[illegible]	[illegible]
5	[illegible]											[illegible]	[illegible]
MEAN	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAF ETAC [illegible] 0215 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40, 60-69
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
80							.3						.0
75						.3	2.4	3.5					.5
70					.6	2.4	12.7	12.7	.7				2.4
65					3.3	13.6	39.5	44.4	12.3				9.5
60				2.1	15.5	47.0	81.9	83.8	43.7	6.4	.4		23.7
55	.3	1.8	1.6	7.3	41.0	86.4	98.5	97.9	86.0	31.8	.7		38.4
50	[illegible]	9.9	12.6	32.4	75.4	98.8	100.0	100.0	98.7	70.9	18.1	8.7	53.3
45	21.[illegible]	32.9	44.8	77.6	95.7	100.0			100.0	92.6	55.6	28.1	71.3
40	45.[illegible]	69.6	81.0	99.7	100.0					100.0	82.3	55.8	86.5
35	75.[illegible]	93.8	97.1	100.0							96.3	78.7	95.3
30	91.[illegible]	98.6	100.0								100.0	92.9	98.6
25	97.[illegible]	100.0										98.1	99.6
20	99.[illegible]											98.7	99.8
15	100.[illegible]											99.7	100.0
10												100.0	100.0
MEAN	30.6	42.3	44.0	47.9	53.5	59.4	63.9	64.1	59.0	52.0	44.3	40.0	50.9
S.D.	6.[illegible]53	5.325	4.836	4.419	5.603	4.782	4.870	4.720	4.396	4.782	5.161	7.095	10.253
TOTAL OBS.	310	283	310	330	329	330	332	284	300	296	270	310	3464

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] DIVISION
USAF ETAC
[illegible] WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40, 60-69 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]				80	89	82	95	95	94	70	64	64	
[illegible]	62	60	64	83	80	89							
[illegible]						82	93	90	82	68	60	60	
6	59	57	61	66	85	92	97	93	85	78	59	54	97
[illegible]	57	68	55	80	68	85	89	84	84	74	61	60	89
[illegible]	56	66	65	57	91	88	77	84	87			58	
[illegible]	54	56	71	63	81	76	83	85	76	71	57	54	85
[illegible]	53	58	67	76	75	85	92	90	77	73	61	62	92
[illegible]	53	63	70	73	79	84	92	88	82	74	63	55	88
[illegible]	55	59	61	63	84	87	87	95	91		59	54	
[illegible]	60	71	69	80	78	89	95		83	72	61	55	
[illegible]	52	54	72	67									
MEAN	56.4	61.2	66.5	72.5	80.9	85.5	89.0	90.2	83.1	72.5	60.6	57.6	90.7
S.D.	3.062	5.593	3.951	7.581	6.690	3.984	6.616	5.286	4.333	3.023	2.127	3.717	4.349
TOTAL OBS.	310	203	310	330	310	330	310	279	300	248	270	310	35[illegible]

USAF ETAC FORM 0-88-5 (OL1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

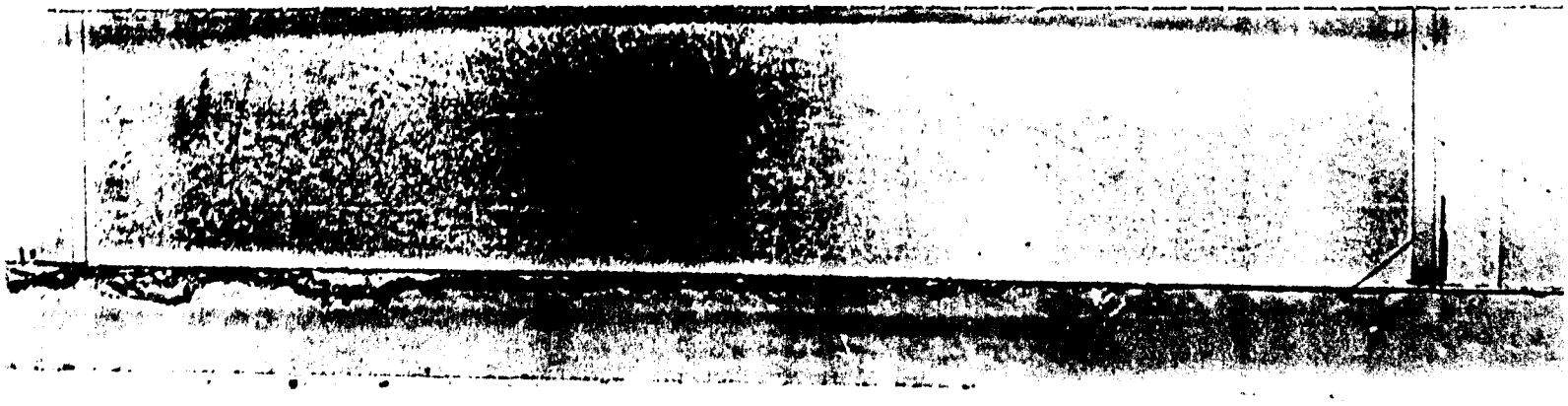
MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[redacted] STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40, 60-62 YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[redacted]							88 22						MAX TEMP DAYS
[redacted]										70 18	0		MAX TEMP DAYS
[redacted]										71 30			MAX TEMP DAYS
[redacted]								90 5					MAX TEMP DAYS
[redacted]					84 19	0	0	0	0	0	0	0	MAX TEMP DAYS
[redacted]	0	0	0	0	0	0	0	0	0	0	0	0	MAX TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

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



DATA PROCESSING DIVISION
USAF ETAC
[illegible] AIR WEATHER SERVICE/MAC

EXTREME VALUES

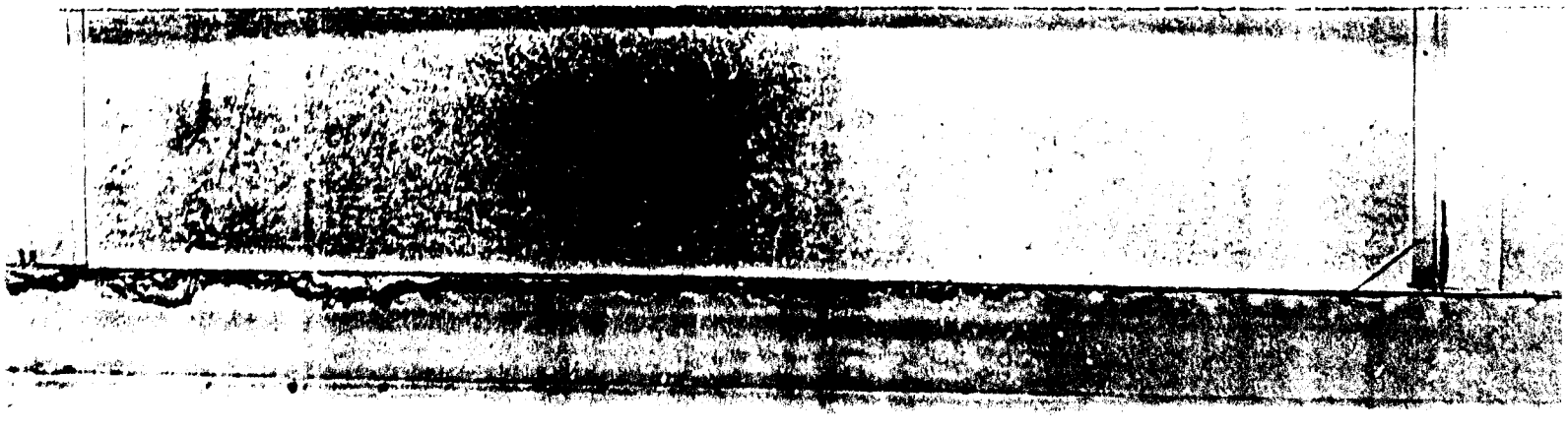
MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

[illegible] STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40, 60-69 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[illegible]				26	30	34	40	39	37	27	29	25	
[illegible]	10	24	27	30	30	37							
[illegible]						42	46	45	38	34	25	25	
[illegible]	24	33	30	29	30	43	50	50	37	33	24	21	21
[illegible]	10	16	26	34	34	42	42	46	43	35	30	20	19
[illegible]	9	30	27	29	32	45	45	47	42			23	
[illegible]	26	23	26	29	30	44	46	41	40	31	26	6	6
[illegible]	27	20	19	30	31	42	45	41	34	34	25	25	19
[illegible]	24	24	25	26	30	36	44	42	41	33	27	27	24
[illegible]	25	25	24	26	36	46	47	48	42		25	16	
[illegible]	17	21	30	29	36	43	46		42	16	31	7	
[illegible]	12	22	28	31									
MEAN	19.2	24.4	25.7	29.2	32.5	41.4	45.1	44.3	39.7	32.9	26.9	19.5	16.0
S.D.	6.941	4.695	3.267	2.228	2.718	3.905	2.776	3.741	3.020	2.799	2.522	7.546	7.645
TOTAL OBS.	310	283	310	330	310	330	310	279	300	248	270	310	3504

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



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

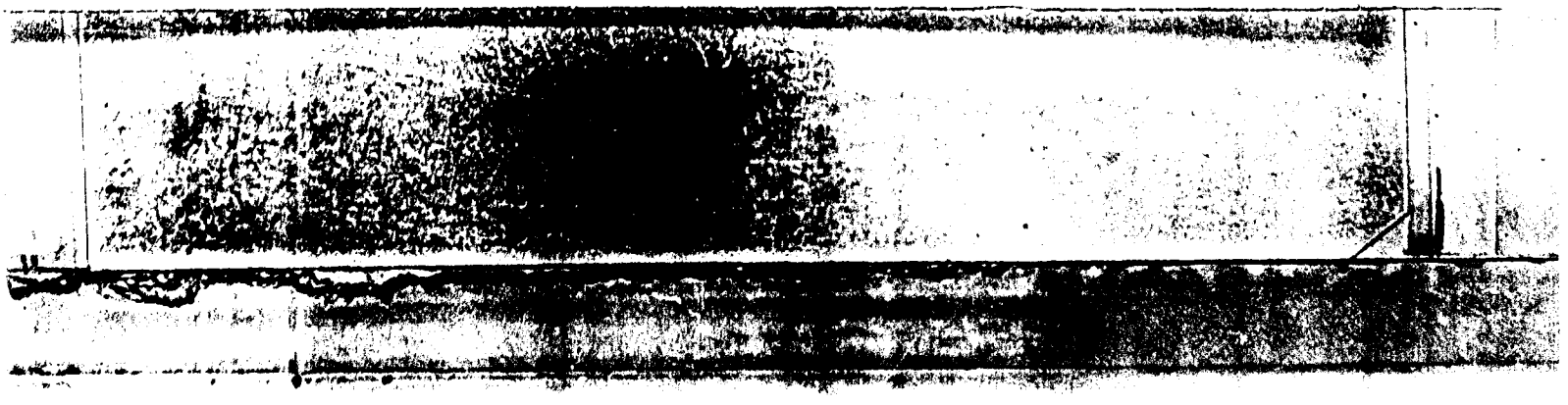
MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

24201 FORT LEWIS WASHINGTON/GRAY AAF 38-40, 60-62
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
							39 22						MIN TEMP DAYS
										42 19	0		MIN TEMP DAYS
										34 10			MIN TEMP DAYS
								35 5					MIN TEMP DAYS
					32 19	0	0	0	0	0	0	0	MIN TEMP DAYS
	0	0	0	0	0	0	0	0	0	0	0	0	MIN TEMP DAYS
MEAN													
S. D.													
TOTAL OBS.													

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



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | ALL MONTH

 | ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97													.0				.0	4	4		
96/ 95												.0	.0	.0	.0	.0		12	12		
94/ 93										.0	.0	.0	.0	.0	.0	.0		26	26		
92/ 91										.0	.0	.0	.0	.0	.0	.0		57	57		
90/ 89										.0	.0	.0	.0	.0	.0			104	104		
88/ 87								.0		.0	.0	.0	.0	.0	.0	.0		149	150		
86/ 85								.0	.0	.0	.1	.1	.0	.0	.0			242	242		
84/ 83								.0	.0	.1	.1	.1	.0	.0	.0			307	307		
82/ 81							.0	.0	.1	.1	.1	.1	.0	.0				453	453		
80/ 79			.0	.0		.0	.0	.1	.2	.2	.1	.0	.0	.0				604	604		
78/ 77			.0		.0	.0	.1	.2	.3	.2	.1	.0	.0	.0				796	797		
76/ 75			.0	.0	.0	.0	.2	.3	.3	.2	.0	.0						1079	1079	3	1
74/ 73		.0		.0	.0	.1	.3	.4	.3	.1	.0	.0						1250	1250	13	2
72/ 71				.0	.1	.3	.5	.4	.2	.0	.0	.0						1401	1482	12	3
70/ 69		.0	.0	.0	.2	.4	.6	.4	.1	.0	.0							1827	1827	85	1
68/ 67		.0	.0	.1	.4	.7	.5	.3	.1	.0	.0							2245	2247	281	5
66/ 65		.0	.1	.4	.7	.8	.6	.2	.1	.0	.0							2713	2715	734	21
64/ 63		.1	.3	.7	.8	.8	.4	.1	.0	.0	.0							3196	3198	1330	46
62/ 61	.0	.2	.7	.9	.7	.6	.3	.1	.0	.0								3804	3804	2301	202
60/ 59	.0	.6	1.1	1.1	1.0	.5	.2	.1	.0	.0								4695	4695	3646	565
58/ 57	.0	1.0	1.5	1.2	.8	.4	.2	.1	.0	.0								5245	5246	5328	1605
56/ 55	.1	1.4	1.7	1.3	.9	.4	.2	.0	.0									6009	6019	6514	3289
54/ 53	.2	1.7	1.9	1.3	.6	.2	.1	.0										6013	6018	6983	4868
52/ 51	.2	2.0	2.1	1.2	.6	.2	.0	.0										6300	6304	7152	6378
50/ 49	.4	2.4	2.5	1.1	.4	.2	.0	.0										6967	6969	7400	7541
48/ 47	.4	2.9	2.0	1.0	.3	.1	.0	.0										6660	6661	8094	7741
46/ 45	.5	3.1	1.8	.8	.2	.0	.0											6491	6491	8461	8624
44/ 43	.5	3.0	1.8	.5	.1	.0	.0											5948	5948	7493	9841
42/ 41	.6	2.7	1.5	.3	.0	.0	.0											5290	5290	6981	8280
40/ 39	.5	2.6	1.3	.1	.0	.0												4591	4591	6343	7401
38/ 37	.5	2.6	.7	.1	.0	.0												3829	3829	5170	6632
36/ 35	.6	2.3	.4	.1	.0	.0												3363	3363	4502	6615
34/ 33	.5	2.0	.2	.0	.0													2769	2769	3463	5653
32/ 31	.4	1.4	.1	.0	.0													1957	1957	2925	4542

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	AL /B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
30/ 29	.3	.9	.1	.0	.0													1256	1256	1738	3758
28/ 27	.2	.5	.1	.0	.0													819	819	1135	2519
26/ 25	.1	.3	.1	.0														449	449	616	1564
24/ 23	.0	.1	.0	.0														211	211	314	894
22/ 21	.0	.1	.0															109	109	207	492
20/ 19	.0	.1	.0															99	99	129	322
18/ 17	.0	.0	.0															67	67	84	232
16/ 15	.0	.0	.0															50	50	74	184
14/ 13	.0	.0	.0															38	38	39	143
12/ 11	.0	.0																25	25	40	110
10/ 9	.0	.0																15	15	22	103
8/ 7		.0																8	8	9	65
6/ 5	.0																	3	3	8	56
4/ 3																					52
2/ 1																					35
0/ -1																					43
-2/ -3																					21
-4/ -5																					10
-6/ -7																					2
-8/ -9																					3
TOTAL	6.3	33.9	22.2	12.5	8.2	5.9	4.1	2.7	1.7	1.1	.6	.3	.2	.1	.0	.0	.0	99624	99657	99624	99624

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.	571555907	7335799	73.6	17.749	99624							
Dry Bulb	273367730	5077120	50.9	12.149	99657		465.1	906.1	431.6	141.2	3.7	8760
Wet Bulb	221479338	4607856	46.3	9.155	99624		668.6	33.3	1.3			8760
Dew Point	181602659	4161275	41.8	8.866	99624	7.1	1374.4	1.0	.3			8760

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40/61-70 YEARS | JAN MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.0	.0	.0											3	3		
60/ 59				.0	.1	.0	.0											12	12		
58/ 57			.1	.1	.1	.0												27	27		
56/ 55		.1	.3	.3	.1	.0												68	68	3	
54/ 53		.3	.4	.2	.0	.0	.1	.0										87	87	22	
52/ 51	.0	1.1	1.2	.5	.1	.1	.1											244	244	99	26
50/ 49	.1	2.0	1.8	.4	.0	.1												349	349	177	101
48/ 47	.2	2.5	1.8	.7	.2	.0												432	432	350	154
46/ 45	.1	3.4	2.1	.8	.2	.0	.0											529	529	435	291
44/ 43	.6	3.8	2.7	.8	.1	.0	.0											631	631	482	443
42/ 41	1.2	4.9	3.2	.8	.1	.1												811	811	699	486
40/ 39	.8	4.6	3.4	.3	.1													734	734	760	569
38/ 37	.9	6.7	2.0	.5	.1	.0												807	807	815	596
36/ 35	1.2	7.2	1.5	.3	.1													820	821	922	770
34/ 33	1.4	7.4	.6	.2	.0													788	788	863	897
32/ 31	1.5	4.9	.5	.1	.1													558	558	890	828
30/ 29	.7	2.5	.3	.1	.0													298	298	475	901
28/ 27	.7	1.9	.4	.5	.0													278	278	277	586
26/ 25	.4	1.3	.6	.2														193	193	208	387
24/ 23	.1	.9	.2	.1														108	108	166	203
22/ 21	.1	.4	.2															49	49	117	151
20/ 19	.1	.4	.1															49	49	79	104
18/ 17	.0	.2	.1															30	30	36	80
16/ 15	.1	.2	.0															25	25	44	77
14/ 13	.1	.2																17	17	19	57
12/ 11	.0	.1																11	11	17	54
10/ 9	.1	.0																8	8	11	57
8/ 7																					33
6/ 5																					26
4/ 3																					26
2/ 1																					22
0/ -1																					19
-2/ -3																					16
-4/ -5																					4

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FURT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7																				1
-8/ -9																				1
TOTAL	10,467	1,123	7	0	1	3	4	2	0								7966	7967	7966	7966

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.	54040544	648542	81.4	12.479	7966							
Dry Bulb	12232138	306058	38.4	7.720	7967		151.7					744
Wet Bulb	10878343	288599	36.2	7.285	7966		218.5					744
Dew Point	9231464	262182	32.9	8.696	7966	3.8	339.3					744

USAFETAC FORM 105 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

 ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	TOTAL D.B. W B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.0									1	1		
70/ 69									.0	.0								4	4		
68/ 67						.0		.1	.0									9	9		
66/ 65						.0	.0	.0										5	5		
64/ 63					.0	.0	.1			.0								10	10		
62/ 61				.0	.1	.1	.0	.1										19	19		
60/ 59			.0	.1	.2	.1	.1	.1										43	43	1	
58/ 57		.1	.2	.2	.2	.1	.3	.1										89	89	2	
56/ 55	.1	.5	.4	.4	.2	.2	.2											143	143	31	3
54/ 53	.2	.6	.6	.8	.2	.3	.1	.0										203	203	96	38
52/ 51	.1	.9	1.1	.8	.9	.3	.1	.1										319	318	154	69
50/ 49	.7	1.8	2.1	1.6	.7	.3	.1	.1										535	535	239	159
48/ 47	.6	2.9	2.3	1.7	.8	.1	.1	.0										621	621	395	182
46/ 45	.7	4.1	2.8	1.8	.4	.1	.0											729	729	588	330
44/ 43	1.2	5.6	3.4	1.7	.3	.1	.0											886	886	829	530
42/ 41	1.3	4.5	3.6	.9	.2	.1	.0											778	778	908	618
40/ 39	1.0	4.1	4.0	.6	.0	.0												693	693	867	668
38/ 37	.9	4.9	2.1	.2	.1	.0												594	594	811	655
36/ 35	1.1	3.6	1.0	.1	.1	.0												439	439	731	813
34/ 33	1.0	3.2	.9	.1	.1													353	353	497	771
32/ 31	.9	3.1	.2	.1	.0													305	305	405	712
30/ 29	.8	2.0	.2	.1														219	219	293	576
28/ 27	.8	1.2	.1															153	153	226	455
26/ 25	.2	.5	.1															62	62	99	261
24/ 23	.0	.3	.0															30	30	42	142
22/ 21	.0	.1	.0															11	11	23	67
20/ 19	.0	.1	.0															9	9	13	52
18/ 17		.1																7	7	7	32
16/ 15		.0																1	1	1	49
14/ 13																					29
12/ 11																					21
10/ 9																					17
8/ 7																					7
6/ 5																					5

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 3																				5
2/ 1																				1
-4/ -5																				1
TOTAL	11.4	44.2	25.2	10.9	4.4	2.0	1.3	.6	.1	.0								7268		7266
																	7268		7268	

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.	47089713	574481	79.0	15.211	7268							
Dry Bulb	13293205	306115	42.1	7.421	7268		74.0	1.3				672
Wet Bulb	11514603	285435	39.3	6.476	7268		103.5					672
Dew Point	9583880	258194	35.5	7.526	7268	.1	224.9					672

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

 ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL C.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
72/ 71									.0	.0								4	4		
70/ 69									.1	.0								9	9		
68/ 67								.0	.0	.0								7	7		
66/ 65							.0	.1	.1	.0								15	15		
64/ 63						.1	.1	.2	.2	.1								50	50		
62/ 61			.0	.0	.1	.2	.2	.1	.1	.1								69	69		
60/ 59			.0	.1	.3	.4	.3	.2	.1									106	106		
58/ 57		.0	.1	.2	.6	.6	.4	.3	.0									169	169	1	
56/ 55		.1	.2	.4	.7	.9	.4	.1										226	226	10	
54/ 53	.0	.2	.5	1.0	1.0	.5	.3	.0										286	286	61	8
52/ 51	.0	.6	1.4	1.3	1.5	.7	.2	.0										450	450	126	17
50/ 49	.1	1.7	2.5	2.0	1.4	.7	.3	.1										694	694	299	63
48/ 47	.3	2.7	2.4	2.0	1.3	.3	.1	.0										731	731	583	173
46/ 45	.6	3.5	3.1	2.6	1.0	.2	.1											884	884	812	364
44/ 43	.6	4.2	3.7	1.5	.4	.1	.1											839	839	924	498
42/ 41	.4	4.7	2.9	1.0	.3	.1												744	744	1014	562
40/ 39	.5	4.7	2.6	.5	.1	.1												678	678	1095	816
38/ 37	.7	4.5	1.3	.2	.1													534	534	873	946
36/ 35	.6	3.8	.8	.1	.1													423	423	648	942
34/ 33	1.1	3.3	.3	.1														381	381	552	914
32/ 31	.8	2.8	.1	.1														293	293	424	810
30/ 29	.5	2.1	.1	.0														221	221	265	675
28/ 27	.3	.7	.2															93	93	161	467
26/ 25	.1	.4	.0															39	39	74	289
24/ 23	.0	.1	.1															13	13	22	158
22/ 21		.1																6	6	10	90
20/ 19		.0																1	1	6	51
18/ 17																				1	47
16/ 15																					15
14/ 13																					19
12/ 11																					13
10/ 9																					13
8/ 7																					10
6/ 5																					5

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	6.7	40.0	22.4	13.0	8.7	4.8	2.5	1.2	.5	.3								7965	7965	7965	7965

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	≥ 90 F	≥ 93 F	Total
Rel. Hum.	46348578	591514	74.3	17.433	7965							744
Dry Bulb	15678574	347932	43.7	7.763	7965		62.2	1.9				744
Wet Bulb	12980668	318016	39.9	5.965	7965		90.1					744
Dew Point	10194645	279901	35.1	6.710	7965		248.7					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
84/ 83												.0						1	1		
82/ 81											.0							1	1		
80/ 79										.0	.0	.0	.0					7	7		
78/ 77										.0	.0	.0						8	8		
76/ 75							.0	.0		.1								8	8		
74/ 73								.0	.1	.0		.0						17	17		
72/ 71							.0	.2	.1	.0		.0						30	30		
70/ 69							.1	.2	.1	.0	.0							39	39		
68/ 67					.0	.1	.2	.2	.0	.0	.0							44	44		
66/ 65				.0	.0	.2	.3	.2	.1	.0								72	72		
64/ 63					.1	.4	.2	.2	.1	.0								97	98	2	
62/ 61				.0	.2	.5	.4	.3	.1	.0								136	136	7	
60/ 59		.0	.0	.2	.4	.7	.4	.3	.1									177	177	16	
58/ 57		.1	.1	.4	.9	.9	.8	.2	.0									289	289	52	2
56/ 55	.0	.3	.4	.9	1.8	1.3	.5	.1	.1									458	458	113	10
54/ 53	.1	.9	.9	1.9	1.8	1.2	.4	.0										592	592	189	32
52/ 51	.2	1.4	1.8	2.5	2.2	1.1	.2	.0										786	786	315	102
50/ 49	.4	2.0	3.7	2.8	1.6	.7	.1											951	951	565	200
48/ 47	.4	3.5	3.4	2.5	1.3	.2												944	944	946	288
46/ 45	.5	4.0	3.7	1.8	.5	.1												897	897	1252	512
44/ 43	.4	4.0	4.2	1.2	.1													832	832	1202	787
42/ 41	.6	3.8	2.9	.6	.0													662	662	1133	957
40/ 39	.6	3.3	2.0	.1														513	513	1089	1026
38/ 37	.5	2.6	.6	.0														310	310	640	1067
36/ 35	.5	1.9	.5															242	242	396	1075
34/ 33	.3	1.3	.2															155	155	240	853
32/ 31	.2	.9	.0															99	99	146	606
30/ 29	.1	.5																53	53	92	430
28/ 27		.1																6	6	27	246
26/ 25		.0																2	2	6	136
24/ 23																					59
22/ 21																					20
20/ 19																					11
16/ 15																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
14/ 13																					3
12/ 11																					3
10/ 9																					1
TOTAL	4.9	30.3	24.5	15.0	11.0	7.2	3.6	2.1	.9	.3	.1	.2	.0						8429		8428
																		8428		8428	

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.	45571115	601751	71.4	17.588	8428							
Dry Bulb	19684166	402150	47.7	7.683	8429		13.7	13.2	3.6	.6		720
Wet Bulb	15940962	363610	43.1	5.479	8428		23.2					720
Dew Point	12445282	319892	38.0	6.001	8428		129.6					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.0			1	1		
90/ 89											.0			.0	.0			6	6		
88/ 87										.0	.0	.0	.0	.0				11	11		
86/ 85										.0	.0	.0	.0	.0				12	12		
84/ 83										.0	.0	.1	.1	.0				20	20		
82/ 81									.0	.0	.1	.1	.0					23	23		
80/ 79									.1	.2	.2	.1						44	44		
78/ 77							.0	.0	.2	.2	.1	.0	.0					47	47		
76/ 75						.0	.1	.2	.2	.3	.0							70	70		
74/ 73						.0	.1	.2	.3	.3	.1							81	81		
72/ 71					.0	.1	.3	.4	.5	.1	.0							121	121		
70/ 69			.0	.0	.0	.4	.5	.5	.4	.0	.0							166	166	4	
68/ 67			.0	.0	.1	.4	.6	.8	.2	.1								202	202	4	
66/ 65			.0	.1	.4	.9	1.4	.7	.4	.0								335	335	17	
64/ 63		.0	.0	.2	.7	1.3	1.1	.5	.1									338	338	39	1
62/ 61		.0	.1	.5	1.0	1.4	1.0	.4	.1									394	394	107	
60/ 59		.1	.4	1.2	1.5	1.6	.8	.2	.0									522	522	188	18
58/ 57		.2	1.1	1.4	1.8	1.5	.7	.1	.0									590	590	292	15
56/ 55	.0	.8	1.9	2.1	2.4	1.2	.4	.1										771	771	490	45
54/ 53	.0	1.0	2.1	2.3	1.7	.6	.1	.0										724	724	743	166
52/ 51	.2	2.5	2.4	2.0	1.3	.4	.0											816	816	932	392
50/ 49	.4	2.8	3.4	2.3	.8	.1	.0											848	848	1120	623
48/ 47	.2	2.6	3.1	1.6	.3	.0												675	675	1104	760
46/ 45	.5	2.6	2.8	1.0	.0													595	595	1129	934
44/ 43	.2	2.3	1.8	.3														403	403	872	1075
42/ 41	.3	2.1	1.2	.1														315	315	659	1110
40/ 39	.2	1.7	.6															212	212	414	1043
38/ 37	.2	.9	.1															100	100	241	822
36/ 35	.3	.9	.1															110	110	129	713
34/ 33	.1	.4	.0															43	43	81	415
32/ 31	.1	.2																24	24	45	255
30/ 29		.0																2	2	10	123
28/ 27																				1	59
26/ 25																					14

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
Pot. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
24/ 23																					7
22/ 21																					4
20/ 19																					4
16/ 15																					1
TOTAL	2.7	21.7	21.1	15.9	12.2	10.0	7.2	4.2	2.5	1.2	.7	.3	.2	.1	.0			8621	8621		8621
																		8621		8621	

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.	41635254	577772	67.0	18.384	8621							
Dry Bulb	25799770	464740	53.9	9.307	8621		2.2	69.4	27.2	7.6		744
Wet Bulb	20054658	412540	47.9	6.030	8621		4.8	.7				744
Dew Point	15506097	362075	42.0	5.892	8621		40.3					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93															.0			2	2		
92/ 91												.0	.0	.0	.0			10	10		
90/ 89											.0	.0	.0	.0	.0			11	11		
88/ 87										.0	.0	.1	.1					22	22		
86/ 85									.0	.0	.2	.1	.1	.0				38	38		
84/ 83									.0	.1	.2	.2	.1	.0				59	59		
82/ 81								.1	.2	.3	.3	.2	.1	.0				111	111		
80/ 79							.0	.1	.3	.3	.3	.2	.0					109	109		
78/ 77						.1	.2	.3	.5	.4	.3	.1	.0					155	155		
76/ 75					.0	.1	.4	.7	.6	.7	.1	.0						230	230		
74/ 73					.0	.3	.5	1.0	.7	.3	.0	.0						254	254		
72/ 71				.1	.1	.4	.8	.9	.5	.0	.0							246	246		
70/ 69			.0	.0	.4	.8	1.2	1.2	.3	.1								349	349	13	
68/ 67			.1	.1	.7	1.2	1.4	.9	.1	.0								407	408	41	
66/ 65			.1	.5	1.2	1.9	1.3	.3	.1									478	478	122	2
64/ 63		.0	.2	1.1	1.7	2.0	1.3	.2	.0									588	598	211	7
62/ 61		.2	.8	1.7	2.1	1.7	.6	.1										646	646	360	21
60/ 59	.0	.6	1.6	2.4	2.9	1.0	.2	.0										801	801	579	54
58/ 57	.0	1.3	2.6	2.9	2.0	.4	.1											820	820	873	170
56/ 55	.1	2.0	3.6	2.9	1.2	.1												691	691	1156	397
54/ 53	.1	2.8	3.6	2.3	.4													831	832	1292	712
52/ 51	.1	3.0	3.5	1.2	.0													698	699	1400	947
50/ 49	.2	2.5	3.1	.3	.0													543	544	1131	1257
48/ 47	.1	2.0	1.4	.1	.0													314	315	887	1353
46/ 45	.1	1.6	.4	.0														187	187	524	1406
44/ 43	.1	.7	.2															84	84	215	1243
42/ 41	.1	.2	.0															26	26	93	771
40/ 39	.0	.1																12	12	19	354
38/ 37	.0	.0																6	6	12	128
36/ 35	.0																	4	4	4	70
34/ 33																					30
32/ 31																					7
30/ 29																					1
28/ 27																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.0	16.9	21.4	13.6	12.8	10.0	7.9	5.7	3.3	2.2	1.4	1.1	.4	.1	.1			8932	8937	8932	8932

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.	41869499	538541	65.9	17.988	8932							
Dry Bulb	32961396	536586	60.0	9.126	8937			161.5	80.6	25.2	.2	720
Wet Bulb	25367547	473741	53.0	5.194	8932			4.4				720
Dew Point	20226105	422852	47.3	4.817	8932		.8					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97													.0					2	2		
96/ 95												.0	.0		.0			3	3		
94/ 93										.0	.0	.0	.0	.0	.0			12	13		
92/ 91										.0	.0	.0	.2	.1	.1	.0		31	31		
90/ 89										.0	.1	.1	.1	.1	.0			48	48		
88/ 87										.1	.2	.1	.2	.0				57	59		
86/ 85								.0	.1	.3	.5	.2	.1					101	101		
84/ 83								.0	.2	.4	.4	.2	.0	.0				107	107		
82/ 81							.0	.1	.6	.5	.4	.1	.0	.0				163	163		
80/ 79						.0	.1	.3	.9	.8	.3	.1	.0	.0				224	224		
78/ 77					.0	.1	.2	.7	1.3	.6	.2	.0		.0				287	288		
76/ 75				.0	.0	.2	.8	1.1	1.1	.5	.1	.0						350	350	1	
74/ 73				.0	.1	.6	1.1	1.6	.9	.2	.1	.0						409	409	9	
72/ 71				.1	.3	1.1	1.9	1.5	.5	.0	.0							446	447	9	
70/ 69			.0	.1	.8	1.4	2.1	.9	.2	.0								484	484	50	
68/ 67		.0	.1	.5	1.3	2.3	1.4	.6	.0	.0								555	556	151	4
66/ 65		.0	.2	.9	2.0	2.2	1.1	.1	.0									587	589	289	13
64/ 63		.0	.7	1.9	2.7	1.7	.5	.0										671	672	496	18
62/ 61		.5	1.7	2.4	2.4	1.0	.1											724	724	715	47
60/ 59		1.5	2.5	2.0	2.0	.5	.0											807	807	962	189
58/ 57	.1	1.8	3.4	2.3	.8	.1												769	770	1408	496
56/ 55	.2	2.0	3.3	1.9	.5													769	779	1346	847
54/ 53	.2	2.4	3.0	1.2	.1	.0												630	634	1278	1113
52/ 51	.1	1.6	1.8	.9	.0													393	396	991	1426
50/ 49	.3	.8	1.0	.3														197	198	654	1493
48/ 47	.0	.3	.2	.1														88	88	367	1255
46/ 45	.2	.3	.0	.0														43	43	180	980
44/ 43	.0	.2	.0															18	18	58	382
42/ 41	.0	.1																8	8	18	329
40/ 39																				3	116
38/ 37																					44
36/ 35																					18
34/ 33																					5
32/ 31																					4

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
30/ 29																					1
26/ 25																					2
22/ 21																					1
TOTAL	.8	12.4	18.0	15.3	13.0	10.8	9.0	7.0	5.6	3.9	2.4	.9	.0	.3	.1	.0			9011		8985
																		8985		8985	

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.	388109982	568206	63.2	17.096	8985							
Dry Bulb	37797756	577336	64.1	9.468	9011			271.2	148.5	53.1	1.5	744
Wet Bulb	28430422	503288	56.0	5.159	8985			18.2	.8			744
Dew Point	22673041	449315	50.0	4.766	8985		.7	.3				744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
98/ 97																	.0	2	2		
96/ 95														.0	.0	.1		9	9		
94/ 93													.0	.0	.1	.0		11	11		
92/ 91												.0	.0	.1	.0	.0		14	14		
90/ 89											.0	.1	.2	.0	.0			37	37		
88/ 87								.0		.0	.1	.2	.2	.0	.1	.0		54	54		
86/ 85									.0	.1	.3	.3	.1	.0	.0			82	82		
84/ 83								.0	.1	.3	.4	.2	.1	.0				98	98		
82/ 81							.0	.0	.3	.5	.3	.2	.0					115	115		
80/ 79							.0	.3	.6	.7	.3	.1	.0					174	174		
78/ 77						.0	.2	.6	.8	.8	.2	.0						215	215		
76/ 75					.0	.1	.8	1.2	.7	.5	.1	.0						288	288		
74/ 73					.1	.6	.9	1.3	.6	.4	.0							337	337	1	
72/ 71				.1	.3	1.0	2.0	.8	.5	.1								393	393	1	
70/ 69		.0	.1	.1	.7	1.6	1.8	.8	.2	.0								443	443	15	
68/ 67		.0	.1	.2	1.0	2.9	1.3	.5	.1	.0								505	505	70	1
66/ 65		.0	.2	1.0	2.1	2.0	1.0	.3										535	535	265	4
64/ 63		.3	1.1	2.4	2.4	1.3	.5	.1										665	665	413	12
62/ 61	.0	.8	2.0	3.1	2.0	.7	.2											795	795	707	69
60/ 59	.2	2.0	4.0	2.8	1.2	.2	.0											870	870	1148	175
58/ 57	.1	3.3	3.8	2.1	.4	.1												817	817	1425	510
56/ 55	.3	2.7	3.0	1.5	.3	.0												649	649	1501	1062
54/ 53	.1	2.0	1.9	.7	.2													413	413	1143	1259
52/ 51	.1	1.4	1.3	.3	.1													273	273	689	1454
50/ 49	.1	.9	.8	.1	.0													154	154	449	1242
48/ 47	.1	.7	.3	.1														99	99	242	902
46/ 45	.0	.5	.2															52	52	139	726
44/ 43	.0	.2	.1															24	24	67	427
42/ 41	.0	.1	.0															14	14	32	256
40/ 39		.0																1	1	9	119
38/ 37																				2	65
36/ 35																					23
34/ 33																					11
32/ 31																					3

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

USAFETAC FORM 0-26-5 (OL A) JUL 68 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON (AP) TA CF [illegible] | 59,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B. W.B	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	1.1	15.0	19.7	25.7	11.2	10.6	8.6	2.9	4.0	3.5	1.7	1.2	.7	.3	.3	.1	.0	8318	8318	8318	8318

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.	3321[illegible]045	542731	65.2	18.536	8318							
Dry Bulb	34627735	31437	63.9	9.004	8318			255.5	128.4	45.9	2.0	744
Wet Bulb	25523995	[illegible]8057	56.3	4.772	8318			7.8	.1			744
Dew Point	21501151	421005	50.6	4.811	8318		.3	.1				744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-68 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73										.1								1	1		
72/ 71							.1		.1									2	2		
70/ 69						.4	.1		.1									5	5		
68/ 67				.2	.4	.7	.1											12	12		
66/ 65			.2	.9	.6	.7	.2											23	23		
64/ 63		.5	1.2	1.1	.9	.6	.2											38	38		
62/ 61		1.6	4.3	2.5	1.6	.5	.4											94	94	15	3
60/ 59	.4	3.2	7.1	3.4	1.8	.5												139	139	46	17
58/ 57	.1	6.7	9.6	3.3	.5	.7												180	180	105	42
56/ 55	.4	6.0	6.7	2.9	.6	.4												143	146	179	100
54/ 53	.2	4.6	3.9	1.6	.2													97	92	187	136
52/ 51	.2	3.5	2.7	.5														59	59	130	143
50/ 49	.1	2.1	1.6	.1														35	35	95	122
48/ 47		1.3	.7															17	17	55	105
46/ 45		.7	.4															9	9	30	84
44/ 43		.1	.1															2	2	8	47
42/ 41		.1																1	1	4	32
40/ 39																				1	11
38/ 37																					10
36/ 35																					2
TOTAL	1.4	30.6	38.6	16.5	6.3	4.3	1.2		.2	.1								855	855	855	855

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.	5403697	67221	78.6	11.790	855							
Dry Bulb	2807423	48845	57.1	4.458	855			2.2	.1			93
Wet Bulb	2440786	45567	53.3	3.796	855							93
Dew Point	2178503	42943	50.2	4.674	855							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAI — STATION NAME
39,60-70 — YEARS
AUG — 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
70/ 69					.1													1	1		
68/ 67						.2												2	2		
66/ 65			.2	.1		.2	.4											9	9		
64/ 63		.2	.5	.2	.7	.1												17	17		
62/ 61		.7	2.7	1.3	.4	.1												51	51	9	
60/ 59	.3	2.8	3.7	1.9	.6													90	90	18	13
58/ 57	.1	7.4	6.7	2.8	.1	.1												162	162	74	21
56/ 55	1.4	7.5	6.2	2.7	.3													170	170	151	106
54/ 53	.6	7.1	4.6	2.3	.6													144	144	182	103
52/ 51	.7	5.5	5.1	.8	.4													119	119	149	171
50/ 49	.8	3.5	2.7	.4	.1													71	71	139	143
48/ 47	.7	3.1	1.4	.3														52	52	93	112
46/ 45	.1	2.0	.6															26	26	60	109
44/ 43	.2	1.2	.2															18	18	41	74
42/ 41	.1	1.0																10	10	19	47
40/ 39																				7	19
38/ 37																					14
36/ 35																					8
34/ 33																					2
TOTAL	5.4	42.0	34.6	13.1	3.5	.7	.4												942		942
																		947		942	

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.	6552770	77968	82.8	10.232	942							
Dry Bulb	2813694	51294	54.5	4.681	942			.3				93
Wet Bulb	2521034	48564	51.6	4.295	942							93
Dew Point	2794202	46260	49.1	4.908	942							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77							.1											1	1		
76/ 75								.1	.1									2	2		
74/ 73							.3											3	3		
72/ 71						.4	.1											5	5		
70/ 69					.1	.2	.3											6	6		
68/ 67				.3	.2	.9												15	15		
66/ 65			.3	.7	.9	.9	.2											33	33	1	
64/ 63		.4	.9	1.5	1.3	.4	.3											54	54	2	
62/ 61	.1	.5	2.6	3.6	1.9	.2												101	101	21	3
60/ 59	.2	3.2	7.3	4.4	2.2	.2												196	196	41	12
58/ 57	.1	5.9	8.2	3.6	.7	.1												207	207	140	39
56/ 55	.8	5.9	7.8	3.7	.2													205	205	236	129
54/ 53	.2	3.9	5.5	1.3	.4													125	125	249	166
52/ 51	.3	2.6	3.0	.7	.2													75	75	177	216
50/ 49		1.5	1.7	.1														37	37	118	170
48/ 47		1.4	.8	.2														27	27	65	151
46/ 45		1.2	.3															14	16	39	116
44/ 43		.4																4	4	16	52
42/ 41		.1	.2															3	3	8	35
40/ 39		.1																1	1	1	14
38/ 37																				2	8
36/ 35																					4
34/ 33																					1
TOTAL	1.6	27.2	38.4	20.2	8.1	3.2	1.2	.1	.1										1116		1116
																		1116		1116	

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.	6939677	87131	78.1	11.043	1116							
Dry Bulb	3666595	63741	57.1	4.828	1116			2.7	.5			93
Wet Bulb	3176206	59378	53.2	3.906	1116							93
Dew Point	2819575	55877	50.1	4.429	1116							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89												.1						1	1		
88/ 87								.1				.2						3	3		
86/ 85												.2						2	2		
84/ 83									.2	.2	.3							7	7		
82/ 81									.3	.4	.1							8	8		
80/ 79							.1	.2	.5	.5	.2							17	17		
78/ 77							.3	1.0	.6	.0								28	28		
76/ 75						.1	.8	1.1	.5									28	28		
74/ 73						1.1	.9	1.7	.4	.1								47	47	1	
72/ 71				.2	.4	1.3	2.2	.4	.4									53	53		
70/ 69			.2	.1	1.4	2.1	3.0	.4	.2									82	82	1	
68/ 67				.5	2.5	4.4	1.8	.4										108	108	5	1
66/ 65			.4	3.7	4.7	3.1	1.4	.1										150	150	23	1
64/ 63		.1	1.3	4.9	5.4	2.8	.4											166	166	58	2
62/ 61		.9	3.4	4.7	4.7	1.4												170	170	97	6
60/ 59		1.6	3.6	4.2	1.7	.3												127	127	192	20
58/ 57	.1	1.2	1.8	2.8	.8													74	74	266	96
56/ 55		.9	1.1	.9	.3													35	35	232	145
54/ 53		.3	.3	.2														8	8	156	192
52/ 51			.1															1	1	61	204
50/ 49		.1																1	1	20	186
48/ 47																				4	113
46/ 45																					97
44/ 43																					37
42/ 41																					13
40/ 39																					1
TOTAL	.1	5.0	12.2	22.2	21.9	16.5	10.8	5.5	3.1	1.8	.5	.4						1116	1116		1116
																				1116	

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.	4595567	70025	62.7	13.451	1116							
Dry Bulb	4783806	72754	65.2	6.053	1116			32.0	11.8	2.4		93
Wet Bulb	3675336	63926	57.3	3.489	1116			.6	.1			93
Dew Point	2976279	57451	51.5	4.099	1116			.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B	Dry Bulb	Wet Bulb	Dew Point
96/ 95															.1	.2		3	3		
94/ 93															.1	.1		2	2		
92/ 91												.1	.1	.3				5	5		
90/ 89												.3	.6	.1				11	11		
88/ 87											.1	.5	.4		.1			13	13		
86/ 85									.1	.3	1.3	.5	.4		.2			31	31		
84/ 83								.1	.4	.6	1.3	.4	.2	.1				37	37		
82/ 81							.1	.1	.8	1.0	.4	.4						32	32		
80/ 79							.3	1.1	1.2	1.3	.4							47	47		
78/ 77							.4	1.2	2.4	1.7	.4							68	68		
76/ 75					.1	.4	1.5	3.1	1.7	.8								86	86		
74/ 73					.3	1.3	2.8	2.9	.8	.2								92	92		
72/ 71					.2	2.2	4.4	2.1	1.3									114	114		
70/ 69			.1	.2	1.1	2.7	3.6	1.3	.2									102	102	5	
68/ 67			.1	.9	3.0	5.5	2.4	.5	.1									139	139	23	
66/ 65			.3	2.1	3.2	3.9	2.0	.4										131	131	96	
64/ 63		.4	.9	1.9	2.9	1.7	.6	.1										95	95	111	3
62/ 61	.1	.1	1.1	1.6	1.0	1.1	.2											57	57	195	17
60/ 59		.7	1.1	.6	.4	.1												32	32	235	29
58/ 57		.6	.4	.2														13	13	220	88
56/ 55		.2	.1	.2														5	5	144	136
54/ 53			.1															1	1	64	193
52/ 51																				19	218
50/ 49																				4	168
48/ 47																					94
46/ 45																					63
44/ 43																					51
42/ 41																					23
40/ 39																					7
38/ 37																					2
36/ 35																					3
34/ 33																					1
TOTAL	.1	2.1	4.0	7.0	12.0	18.9	18.2	12.8	9.0	6.1	4.0	2.3	1.7	.4	.4	.3		1116	1116		1116

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.	3215339	57723	51.7	14.354	1116							
Dry Bulb	5710342	79402	71.1	7.396	1116			65.2	35.6	13.5	.4	93
Wet Bulb	3774564	66476	59.6	3.647	1116			2.3				93
Dew Point	2966476	57314	51.4	4.544	1116							63

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 — STATION
FORT LEWIS WASHINGTON/GRAY AAF — STATION NAME
39,60-70 — YEARS
AUG — MONTH

PART 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
98/ 97																	.2	2	2		
96/ 95														.1	.2	.3		6	6		
94/ 93													.1	.1	.5			8	8		
92/ 91													.3	.3		.1		7	7		
90/ 89											.2	.4	1.0	.3	.1			22	22		
88/ 87										.2	.4	.7	1.1	.3	.4	.1		34	34		
86/ 85									.2	.4	.6	.7	.5	.4	.1			32	32		
84/ 83									.1	1.2	.9	.8	.1	.1				35	35		
82/ 81							.1	.1	.9	1.7	1.0	.4	.1					47	47		
80/ 79								.5	1.6	2.2	1.3	.4						69	69		
78/ 77						.1	.7	1.8	1.6	2.1	.6							77	77		
76/ 75					.1	.3	2.0	2.9	1.4	2.0	.3							99	99		
74/ 73					.3	1.2	1.6	2.6	1.6	1.9								102	102		
72/ 71				.2	.7	1.9	3.9	1.8	.7	.2								104	104	1	
70/ 69		.1	.1		.9	3.5	3.0	1.8	.7	.1								114	114	9	
68/ 67			.2	.4	2.2	3.7	1.7	1.5	.2	.2								111	111	34	
66/ 65		.1	.2	1.7	1.3	1.4	1.3	.4										71	71	99	1
64/ 63		.3	.6	1.6	1.3	1.4	.3	.3										66	66	143	3
62/ 61		1.1	.6	2.3	.2	.2												51	51	181	14
60/ 59	.1	1.1	1.7	.6	.4	.2												45	45	264	41
58/ 57		.4	.4	.1	.1													12	12	178	84
56/ 55			.2															2	2	132	142
54/ 53																				56	168
52/ 51																				16	173
50/ 49																				3	142
48/ 47																					108
46/ 45																					105
44/ 43																					50
42/ 41																					41
40/ 39																					23
38/ 37																					10
36/ 35																					5
34/ 33																					3
32/ 31																					3

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG 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
TOTAL	.1	3.0	4.2	7.1	7.3	13.8	14.5	13.9	9.4	11.6	5.3	3.4	3.1	1.4	1.3	.4	.2	1116	1116	1116	1116

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.	295218	54332	48.7	16.595	1116			72.4	45.6	19.2	1.3	93
Dry Bulb	599059	81321	72.9	8.143	1116			3.7				93
Wet Bulb	4030526	65930	60.0	3.736	1116							93
Dew Point	290R235	56[illegible]7	50.8	5.347	1116		.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W B	Dry Bulb	Wet Bulb	Dew Point
94/ 93															.1			1	1		
92/ 91															.2			2	2		
90/ 89												.1	.1		.1			3	3		
88/ 87												.2	.1	.1				4	4		
86/ 85										.1	.4	.8	.2					17	17		
84/ 83										.4	.0	.5	.2					19	19		
82/ 81									.4	.9	.4	.7						27	27		
80/ 79								.5	.0	1.4	.5	.4	.2					41	41		
78/ 77						.1		.7	.9	1.3	.4	.1						38	38		
76/ 75					.1	.3	1.3	1.4	1.4	.9	.4	.1						67	67		
74/ 73					.3	.9	1.3	2.4	1.5	.0	.1							80	80		
72/ 71				.2	.5	1.8	3.0	1.2	1.0	.4								89	89		
70/ 69			.1	.3	1.5	2.6	2.7	2.0	.3	.1								106	106		
68/ 67		.1	.2	.7	2.6	4.2	2.2	.9	.4									126	126	8	
66/ 65		.2		2.5	3.6	2.4	1.4	.8										122	122	44	2
64/ 63		.3	1.2	3.2	2.9	1.3	1.1	.1										112	112	83	2
62/ 61		.7	2.6	2.6	2.4	1.0	.2											106	106	140	15
60/ 59	.1	2.0	2.6	1.3	.9	.3	.3											82	82	249	27
58/ 57		1.3	1.1	1.1	.4	.3												45	45	237	83
56/ 55	.1	.8	.7	.3	.2	.1												24	24	190	160
54/ 53			.3	.2														5	5	98	154
52/ 51																				46	182
50/ 49																				15	164
48/ 47																				6	100
46/ 45																					79
44/ 43																					64
42/ 41																					42
40/ 39																					22
38/ 37																					13
36/ 35																					4
34/ 33																					3
TOTAL	.2	5.3	8.7	12.3	15.3	15.2	13.5	10.0	6.5	6.0	3.0	2.9	.7	.1	.4				1116		1116
																		1116		1116	

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.	3850172	62732	56.2	17.044	1116							
Dry Bulb	5203537	76215	68.3	7.249	1116			51.7	24.9	7.6	.1	93
Wet Bulb	3794559	64949	58.2	3.625	1116			.7				93
Dew Point	2901833	56609	50.7	5.217	1116							93

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
82/ 81											.1							1	1		
78/ 77									.3									3	3		
76/ 75								.2	.3	.1								6	6		
74/ 73						.2	.2	.3	.3	.2								12	12		
72/ 71					.3	.2	1.4	.6	.1	.1								26	26		
70/ 69			.1	.2	.3	.4	1.0	.2	.4	.2								27	27		
68/ 67			.1	.7	1.8	2.8	1.8	.3	.1									72	72		
66/ 65		.1	1.2	2.7	1.9	2.9	1.2	.3										96	96	2	
64/ 63		.6	1.7	4.3	3.3	1.4	.7	.2										117	117	16	2
62/ 61		.9	5.6	5.8	3.3	1.1	.9											165	165	49	11
60/ 59	.3	2.1	6.0	6.9	1.4	.2												159	159	103	16
58/ 57	.3	4.1	3.8	3.9	1.0													124	124	205	97
56/ 55		2.0	2.3	1.8	.4													62	62	237	144
54/ 53		1.2	1.0	.9	.2													38	38	151	147
52/ 51		.7	.7	.5														19	19	91	147
50/ 49		.4	.3	.1														10	10	55	145
48/ 47		.1	.1	.1														3	3	19	118
46/ 45			.1															1	1	10	53
44/ 43																				2	52
42/ 41																				1	25
40/ 39																					13
38/ 37																					8
36/ 35																					2
34/ 33																					1
TOTAL	.6	12.3	24.1	28.2	13.9	9.1	7.1	2.2	1.0	.6	.1							941	941	941	941

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum	4761663	65599	69.7	14.166	941
Dry Bulb	3587077	57865	61.5	5.093	941
Wet Bulb	2910687	52231	55.5	3.537	941
Dew Point	2458046	47886	50.9	4.750	941

Mean No. of Hours with Temperature							
	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum							
Dry Bulb			14.5	2.2	.1		93
Wet Bulb							93
Dew Point							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP 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
92/ 91															.0			1	1		
90/ 89														.0				2	2		
88/ 87											.0		.0	.0				4	4		
86/ 85										.0	.0	.0	.0		.0			9	9		
84/ 83									.0	.0	.1	.1	.0	.0	.0			27	72		
82/ 81								.0	.1	.1	.1	.1	.0	.0				40	40		
80/ 79			.0	.0		.0	.0	.0	.1	.2	.0	.0	.0					48	48		
78/ 77			.0				.0	.2	.3	.4	.1	.0						80	80		
76/ 75			.0		.0	.1	.2	.4	.5	.2	.1	.0						133	133	2	1
74/ 73		.0			.0	.1	.6	.3	.2	.2	.1	.0						143	143	3	2
72/ 71				.0	.1	.7	.6	.6	.4	.2	.0							209	209	2	3
70/ 69			.0	.2	.5	.8	.9	.7	.3	.0								279	279	3	1
68/ 67			.1	.3	1.2	1.3	1.0	.3	.1									349	349	15	
66/ 65		.1	.3	.9	1.3	1.4	.9	.5	.1		.0							456	456	41	2
64/ 63		.4	1.0	1.6	1.6	1.3	.9	.2	.0	.0	.0							575	575	155	8
62/ 61	.0	.9	2.0	2.0	1.7	1.3	.6	.0	.1	.0								706	706	383	61
60/ 59	.1	2.1	3.1	2.2	1.8	.9	.2	.1	.0									873	873	638	134
58/ 57	.1	3.6	3.7	2.0	1.2	.3	.1	.1										908	908	946	324
56/ 55	.4	4.3	3.1	2.1	.8	.2	.0	.0										900	900	1279	736
54/ 53	.5	3.2	2.7	1.2	.4	.1	.0											667	667	1207	996
52/ 51	.4	2.6	2.1	.9	.0	.0												512	512	1052	1074
50/ 49	.5	2.5	1.7	.5	.1													431	431	820	1027
48/ 47	.4	1.7	1.2	.3	.0													294	298	616	900
46/ 45	.4	1.4	.5	.1														202	202	420	882
44/ 43	.4	1.2	.3	.0														163	163	766	673
42/ 41	.3	.6	.2															88	88	173	521
40/ 39	.2	.4	.1															55	55	96	356
38/ 37	.0	.2																24	24	45	219
36/ 35		.1	.0															11	11	15	114
34/ 33		.0																2	2	9	64
32/ 31		.0																2	2	2	33
30/ 29																				2	15
28/ 27																					15
26/ 25																					11

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 | FORT LEWIS WASHINGTON/GRAY AAF | 39,60-70 | SEP

STATION | STATION NAME | YEARS | MONTH

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
24/ 23																					4
22/ 21																					4
20/ 19																					3
18/ 17																					1
TOTAL	3.8	5.6	2.3	14.4	10.1	8.5	6.0	3.7	2.3	1.4	.6	.3	.1	.1	.0			8190	8190		8190

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.	44846107	587707	71.8	18.060	8190							
Dry Bulb	28682016	479874	58.6	8.300	8190		.2	115.8	42.2	6.8		720
Wet Bulb	23261000	434116	53.0	5.536	8190		.4	2.2	.4			720
Dew Point	19512341	396627	48.4	6.097	8190		7.6	.6	.3			720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT 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
78/ 77								.0	.0									4	4		
74/ 73						.0	.0	.1	.0									9	9		
72/ 71					.0	.1	.1	.1	.1	.0								31	31		
70/ 69				.1	.0	.1	.2	.1	.0									54	54		
68/ 67				.0	.1	.4	.2	.2	.0									87	87		
66/ 65			.0	.2	.5	.5	.2	.0	.0									129	129		
64/ 63			.2	.6	.9	.7	.2	.1										192	192	14	
62/ 61		.2	.5	1.0	.9	.5	.2	.1	.0									266	280	31	4
60/ 59	.0	.5	1.2	1.4	1.0	.7	.1	.0	.0	.0								419	419	112	13
58/ 57	.2	1.4	2.3	1.4	1.1	.6	.1	.0	.1	.0								614	614	321	85
56/ 55	.2	2.9	3.0	2.1	1.5	.4	.0	.0	.0									854	854	530	171
54/ 53	.5	4.4	3.7	2.4	1.0	.2	.0	.0										1037	1037	814	429
52/ 51	.7	3.6	4.4	1.6	.4	.1		.0										925	925	989	742
50/ 49	1.0	5.0	3.7	1.3	.1	.0	.0	.0										941	941	1125	905
48/ 47	1.0	5.3	2.4	.5	.1	.0	.0											791	791	1281	936
46/ 45	1.0	4.4	1.4	.2	.0		.0											586	586	1047	1218
44/ 43	1.0	3.3	.7	.0														431	431	729	1039
42/ 41	1.1	2.5	.6	.0	.0													361	361	508	863
40/ 39	.9	2.5	.2	.0														279	279	359	723
38/ 37	.6	1.3	.1															164	164	245	497
36/ 35	.4	1.1	.0															133	133	155	368
34/ 33	.2	.6	.0															69	69	110	203
32/ 31	.1	.1																18	18	46	99
30/ 29	.0	.1																8	8	11	59
28/ 27		.0																3	3	6	21
26/ 25																				2	10
24/ 23																					3
22/ 21																					0
20/ 19																					3
18/ 17																					13
16/ 15																					3
14/ 13																					3
12/ 11																					1

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

USAFETAC FORM 0-26-5 (OL A) 4/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

PAGE 4 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPPESSION (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	9.0	39.3	24.4	12.8	7.5	4.3	1.5	.8	.4	.0								8425	8425	8425	8425

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.	55103030	670728	79.6	14.558	8425							
Dry Bulb	22556474	431586	51.2	7.290	8425		2.6	16.3	1.1			744
Wet Bulb	19532216	402736	47.8	5.770	8425		5.7					744
Dew Point	17067836	375718	44.6	6.090	8425		20.2					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 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
66/ 65								.0										1	1		
64/ 63		.0	.0		.0	.0		.0	.0									8	8		
62/ 61		.0		.1	.0	.1	.1	.0										23	23	1	
60/ 59		.0	.1	.2	.1	.1	.0	.0										47	47	2	2
58/ 57		.2	.2	.5	.3	.2	.0	.0										121	121	5	1
56/ 55	.0	.0	.7	.6	.5	.2	.1											214	214	53	16
54/ 53	.1	1.4	1.7	1.0	.6	.1	.0											385	385	109	49
52/ 51	.3	2.7	2.2	1.4	.3	.1												557	557	300	107
50/ 49	.6	4.7	3.6	1.2	.3	.0												860	860	567	359
48/ 47	.6	6.2	3.0	1.2	.2	.0												989	989	821	518
46/ 45	1.2	7.4	2.7	.8	.2													983	983	1210	738
44/ 43	1.1	5.8	2.5	.5	.0													796	796	1052	900
42/ 41	1.7	5.1	1.7	.3														713	713	852	1039
40/ 39	1.1	4.6	1.6	.1														596	596	765	875
38/ 37	1.2	4.6	.8	.0														534	534	651	749
36/ 35	1.5	3.6	.2	.0	.0	.0												432	432	614	767
34/ 33	1.1	3.1	.0	.0	.0													341	341	417	660
32/ 31	.6	1.6	.1	.1	.0													191	191	267	504
30/ 29	.4	1.1	.0	.0	.0													133	133	158	340
28/ 27	.3	.6																74	74	110	184
26/ 25	.3	.2																37	37	68	118
24/ 23	.0	.0																7	2	15	65
22/ 21																					15
20/ 19																					3
18/ 17																					4
16/ 15																					2
14/ 13																					2
12/ 11																					5
10/ 9																					3
8/ 7																					2
6/ 5																					1
4/ 3																					5
2/ 1																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | NOV MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	12,453	9,217	8.1	2.7	.8	.3	.1	.0										8037	8037	8037	8037

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.	57673151	574005	83.9	11.959	8037							
Dry Bulb	16031158	354700	44.1	6.859	8037		39.1					720
Wet Bulb	14387482	336486	41.9	6.108	8037		55.4					720
Dew Point	12734474	315570	39.3	5.540	8037		112.6					720

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

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
64/ 63					.0	.0												2	2		
62/ 61				.0	.0	.0												3	3		
60/ 59				.1	.1	.0												18	18		
58/ 57			.0	.2	.0	.0	.1	.0										32	32	1	
56/ 55		.1	.3	.1	.2	.0	.1											66	66	2	
54/ 53		.4	.6	.4	.2	.0												158	158	29	2
52/ 51		1.5	1.0	.0	.1	.0	.0											328	328	105	22
50/ 49	.2	2.2	2.4	.0	.1	.0												464	464	254	112
48/ 47	.6	3.7	2.5	.9	.2	.0												678	678	500	300
46/ 45	.5	5.3	2.7	.8	.1	.0												808	808	725	443
44/ 43	1.0	5.2	3.1	.6	.0													841	841	797	644
42/ 41	1.0	5.0	2.5	.5	.1													770	770	892	766
40/ 39	1.1	5.9	2.3	.2	.0													818	818	864	743
38/ 37	.8	6.5	1.3	.2														756	756	835	844
36/ 35	1.6	5.7	1.2	.2	.0													748	748	888	937
34/ 33	1.4	5.1	.9	.1														637	637	694	830
32/ 31	1.5	3.4	.5	.1														464	464	696	681
30/ 29	1.2	2.4	.2	.0														322	322	432	637
28/ 27	.7	1.7	.1															212	212	327	484
26/ 25	.5	.8	.0	.0														116	116	159	336
24/ 23	.2	.4	.0	.0														58	58	69	247
22/ 21	.2	.2	.1															43	43	57	134
20/ 19	.2	.3	.1															40	40	29	89
18/ 17	.1	.2	.0															30	30	40	55
16/ 15	.1	.2	.0															24	24	23	33
14/ 13		.2	.0															21	21	20	30
12/ 11	.0	.2																14	14	23	13
10/ 9		.1																7	7	11	12
8/ 7		.1																8	8	9	13
6/ 5	.0																	3	3	8	12
4/ 3																					16
2/ 1																					10
0/ -1																					24
-2/ -3																					5

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 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
-4/ -5																					5
-6/ -7																					1
-8/ -9																					2
TOTAL	13.1	56.8	22.8	5.8	1.2	.2	.2	.0											8489		8489
																		8489		8489	

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.	60417829	709821	83.6	11.202	8489							
Dry Bulb	14023342	338606	39.9	7.906	8489		119.4					744
Wet Bulb	12602842	321252	37.8	7.246	8489		166.8					744
Dew Point	11006342	297938	35.1	8.047	8489	3.2	249.4					744

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-69 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55			.2	.3														5	5		
54/ 53		.2	.3															5	5	1	
52/ 51		1.2	1.2	.3														25	25	4	1
50/ 49	.3	1.6	1.8	.1														36	36	21	8
48/ 47	.3	1.8	1.1	.3	.2													35	35	39	19
46/ 45	.2	4.5	.6	.2	.1													53	53	46	31
44/ 43	1.1	3.2	2.8															66	66	50	53
42/ 41	2.5	4.1	1.8	.4														82	82	72	59
40/ 39	1.4	5.1	1.7															76	76	82	68
38/ 37	.3	6.7	1.0	.9														88	88	71	59
36/ 35	1.3	7.7	1.4	.1	.1													99	99	97	83
34/ 33	1.9	9.3	.5															111	111	110	90
32/ 31	2.6	5.8	.4															82	82	129	102
30/ 29	1.1	4.1	.3															51	51	73	101
28/ 27	1.2	2.5	.4	.4														42	42	35	84
26/ 25	.5	2.0	.6	.1														31	31	36	54
24/ 23	.1	1.0	.2															12	12	23	34
22/ 21		.3	.1															4	4	9	19
20/ 19		.3	.2															5	5	6	11
18/ 17		.6	.4															10	10	4	7
16/ 15	.3	.6																9	9	17	8
14/ 13																				2	6
12/ 11		.2																2	2		7
10/ 9		.1																1	1	3	7
8/ 7																					4
6/ 5																					2
4/ 3																					2
2/ 1																					4
0/ -1																					4
-2/ -3																					3
TOTAL	15.2	63.2	18.0	3.2	.4													930	930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6750599	78553	84.5	11.154	930							
Dry Bulb	1324155	34349	36.9	7.729	930		24.9					93
Wet Bulb	1204826	32750	35.2	7.448	930		33.7					93
Dew Point	1053074	30210	32.5	8.787	930	.7	45.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-69 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55				.4														4	4		
54/ 53			.5	.1														6	6		
52/ 51		1.1	1.0	.2	.2													23	23		
50/ 49		1.8	1.0	.2														28	28	20	2
48/ 47	.5	2.0	1.4	.5	.1													43	43	39	28
46/ 45	.1	3.4	.6	.3														42	42	44	17
44/ 43	.6	3.4	2.5	.3														64	64	39	57
42/ 41	1.2	5.1	1.6	.3														76	76	61	39
40/ 39	1.6	4.2	1.6															69	69	68	64
38/ 37	1.9	5.8	1.9	.3														93	93	80	70
36/ 35	.9	8.6	1.2	.3														102	102	82	88
34/ 33	2.5	8.6	.5	.1														109	109	124	99
32/ 31	2.2	7.1	.3															89	89	116	95
30/ 29	1.8	3.9		.1														54	54	79	112
28/ 27	.9	2.3	.4	.4														37	37	38	73
26/ 25	1.1	1.5	.6	.3														34	34	29	64
24/ 23	.3	1.9	.1															22	22	31	24
22/ 21	.1	.3	.1															5	5	22	20
20/ 19		.4	.3															7	7	5	12
18/ 17	.1	.2	.1															4	4	6	11
16/ 15	.1	.6	.2															9	9	8	11
14/ 13	.2	.4																6	6	7	5
12/ 11		.1																1	1	4	7
10/ 9	.1	.2																3	3	3	8
8/ 7																					6
6/ 5																					3
4/ 3																					8
2/ 1																					2
0/ -1																					1
-2/ -3																					3
-6/ -7																					1
TOTAL	16.2	53.1	16.2	4.1	.3														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6745676	78506	84,4	11,298	930							
Dry Bulb	1291684	33872	36,4	7,902	930		27,1					93
Wet Bulb	1173593	32279	34,7	7,570	930		34,8					93
Dew Point	1022271	29713	31,9	8,862	930	,5	46,6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57			.1	.1														2	2		
56/ 55			.1	.2														3	3		
54/ 53		.1	.3	.2														6	6	2	
52/ 51		.9	1.1	.2			.1											23	23	5	1
50/ 49	.1	2.2	1.1	.1		.1												37	37	16	7
48/ 47	.2	3.1	1.0	.3	.1													54	54	37	16
46/ 45		2.2	1.2	.1														35	35	54	38
44/ 43	.3	3.3	1.2															49	49	41	47
42/ 41	1.5	3.6	1.8	.2														72	72	72	54
40/ 39	.8	5.3	2.1	.2														85	85	58	56
38/ 37	.6	8.0	1.8	.3														109	109	87	55
36/ 35	2.0	8.1	.8															111	111	128	92
34/ 33	1.3	8.9	.4	.3														111	111	115	120
32/ 31	2.7	7.8	.3															111	111	133	117
30/ 29	1.0	3.7		.1														49	49	81	105
28/ 27	2.0	2.4		.2														47	47	59	95
26/ 25	.6	2.7	.6															40	40	31	71
24/ 23	.4	2.0	.5	.2														31	31	27	25
22/ 21	.4	.6	.1															11	11	29	32
20/ 19	.3	1.1																14	14	20	17
18/ 17		.3	.2															5	5	5	12
16/ 15		.3																3	3	7	16
14/ 13	.2	.3																5	5	4	6
12/ 11	.1	.5																6	6	7	6
10/ 9	.4																	4	4	5	10
8/ 7																					7
6/ 5																					6
4/ 3																					1
2/ 1																					5
0/ -1																					4
-2/ -3																					2
TOTAL	14.7	67.4	15.0	2.6	.1	.1	.1												1023		1023
																		1023		1023	

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.	7447526	86624	84.7	10.492	1023							
Dry Bulb	1392356	36808	36.0	8.156	1023		29.6					93
Wet Bulb	1267395	35127	34.3	7.740	1023		37.1					93
Dew Point	1103436	32346	31.6	8.886	1023	.5	48.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59				.2														2	2		
58/ 57			.1	.3	.2													6	6		
56/ 55			.2	.1														3	3	1	
54/ 53		.4	.6	.4														14	14	2	
52/ 51		.9	1.0	.7	.1		.3											30	30	16	5
50/ 49		1.8	1.7	.4														39	39	15	10
48/ 47	.2	2.5	1.7	.3	.1													49	49	37	20
46/ 45	.1	2.5	2.2	.8	.1													58	58	58	37
44/ 43	.2	3.7	2.3	.7	.1	.1												73	73	51	44
42/ 41	.7	4.0	4.1	.6		.2												98	98	72	58
40/ 39	.6	6.5	4.6	.4														125	125	97	66
38/ 37	1.3	6.5	1.8	.8														105	105	138	69
36/ 35	1.7	7.1	1.7															107	108	122	117
34/ 33	1.3	8.9	.6	.2														112	112	112	124
32/ 31	1.1	3.8	.2		.1													53	53	119	117
30/ 29	1.1	2.5	.3		.2													42	42	49	114
28/ 27	.5	2.2	.2	.5	.1													35	35	38	70
26/ 25	.4	1.8	.6	.1														29	29	25	44
24/ 23	.3	.8	.2	.1														14	14	27	25
22/ 21		.6	.3															9	9	12	28
20/ 19	.1	.7	.1															9	9	14	9
18/ 17		.1	.1															2	2	6	14
16/ 15	.1	.3																4	4	4	7
14/ 13		.3																3	3	4	10
12/ 11	.1																	1	1	3	3
10/ 9																					12
8/ 7																					4
6/ 5																					1
4/ 3																					3
2/ 1																					3
0/ -1																					3
-2/ -3																					4
-4/ -5																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	9.6	37.8	24.6	6.5	1.0	.3	.3											1022	1023	1022	1022

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.	691360	83146	81.4	12.085	1022							
Dry Bulb	1546779	39003	38.1	7.646	1023		18.3					93
Wet Bulb	1374539	36751	36.0	7.203	1022		27.4					93
Dew Point	1165025	33343	32.6	8.696	1022	.7	43.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61					.1	.1	.1											3	3		
60/ 59				.1	.3	.1												5	5		
58/ 57			.6	.3	.1													10	10		
56/ 55		.1	.7	.8	.2	.1												19	19	1	
54/ 53		.6	.4	.5	.1		.2	.1										19	19	10	
52/ 51	.1	.7	2.0	.6	.2	.2												38	36	24	10
50/ 49	.1	1.7	3.0	.9	.2	.1												61	61	30	13
48/ 47		2.9	2.7	2.2	.6	.1												87	87	53	24
46/ 45		2.8	3.5	2.2	.8	.1	.2											99	99	65	43
44/ 43	.5	4.6	4.6	2.4	.1		.1											126	126	82	62
42/ 41	.3	5.2	5.0	1.6	.1	.1												125	125	125	73
40/ 39	.4	3.4	4.5	.5	.2													92	92	127	80
38/ 37	.5	5.1	3.0	.3	.1													102	102	136	101
36/ 35	.9	5.0	2.1	.8	.4													93	93	112	108
34/ 33	.8	3.2	1.9	.2	.1													63	63	89	116
32/ 31	.2	1.1	.5	.3	.3													24	24	70	109
30/ 29		.4	.5	.2														11	11	30	104
28/ 27		1.3	.5	1.0														28	28	13	43
26/ 25		.3	.4	.3														10	10	22	30
24/ 23			.1	.1														2	2	15	25
22/ 21		.1	.2															3	3	9	12
20/ 19		.2	.1															3	3	5	14
18/ 17																				4	7
16/ 15																				1	10
14/ 13																					7
12/ 11																					8
10/ 9																					5
8/ 7																					4
6/ 5																					6
4/ 3																					2
2/ 1																					3
0/ -1																					1
-2/ -3																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.7	30.0	36.2	15.2	3.8	.9	.6	.1											1023	1023	1023	1023

Eleme t (X)	$-X^2$	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	6029379	77263	75.5	13.778	1023							
Dry Bulb	1818932	42548	41.6	6.945	1023		7.4					93
Wet Bulb	1558098	39346	38.5	6.621	1023		15.4					93
Dew Point	1260384	34792	34.0	8.084	1023	.2	33.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (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
60/ 59					.2	.1												3	3		
58/ 57			.2	.3	.2	.1												8	8		
56/ 55		.3	.9	.6	.2	.1												21	21	1	
54/ 53		.4	.7	.7		.1	.2											21	21	5	
52/ 51	.1	1.8	1.8	1.1	.1	.2												51	51	26	7
50/ 49		2.3	2.0	.8		.4												63	63	34	19
48/ 47	.1	2.5	2.1	1.8	.2	.1												69	69	63	22
46/ 45		3.5	4.2	1.7	.7		.1											104	104	58	52
44/ 43	.3	3.7	3.8	2.2	.3													105	105	34	68
42/ 41	.0	4.3	6.0	2.0	.1	.1												133	133	119	73
40/ 39	.2	4.1	5.1	.4	.1													101	101	111	68
38/ 37	1.1	6.0	2.1	.7	.1	.1												109	109	137	92
36/ 35	.2	5.1	2.2	1.1														88	88	135	107
34/ 33	.4	4.1	1.3	.5	.1													65	65	78	118
32/ 31	.5	1.6	.5	.3	.1													30	30	74	102
30/ 29		.5	.0															11	11	34	110
28/ 27	.1	.6	1.1	.7														27	27	16	50
26/ 25		.3	.3	.1														7	7	19	37
24/ 23		.1	.2															3	3	15	23
22/ 21		.3	.1															4	4	8	13
20/ 19																				6	10
18/ 17																					10
16/ 15																					9
14/ 13																					9
12/ 11																					8
10/ 9																					4
8/ 7																					5
6/ 5																					1
4/ 3																					4
2/ 1																					2
0/ -1																					2
TOTAL	3.5	42.3	35.6	14.7	2.3	1.3	.3												1023		1023
																		1023		1023	

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.	6113961	77899	76.1	13.331	1023							
Dry Bulb	1813036	42502	41.5	8.798	1023		7.5					93
Wet Bulb	1359620	39384	38.5	6.516	1023		15.6					93
Dew Point	1270102	35002	34.2	8.423	1023	.2	36.1					93

USAFETAC FORM 0-26 5 (OL A) 20 68 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59						.1	.1											2	2		
56/ 55		.1	.2	.3	.1													7	7		
54/ 53		.6	.3		.1	.1												11	11	1	
52/ 51	.1	1.4	1.1	.4	.1													31	31	16	1
50/ 49	.3	2.2	2.1	.2														49	49	22	26
48/ 47		2.6	1.9	.1	.1													48	48	46	13
46/ 45	.2	3.7	2.3	.8	.1													75	75	55	38
44/ 43	.8	4.6	2.2															78	78	72	56
42/ 41	1.5	5.2	2.9	1.2	.4													125	125	97	69
40/ 39	.0	4.3	4.1	.7	.1													100	100	99	85
38/ 37	1.0	6.5	2.7	.1	.2	.1												108	108	92	81
36/ 35	1.1	6.3	1.1	.3														110	110	130	92
34/ 33	1.5	7.5	1.0	.2														104	104	122	124
32/ 31	1.1	5.4	.6	.3														75	75	118	87
30/ 29	.3	2.5	.4	.2	.1													36	36	56	138
28/ 27	.3	1.3	.5	.3														24	24	33	71
26/ 25		.8	.7	.3														18	18	15	39
24/ 23		.7	.4	.1														12	12	18	25
22/ 21		.3	.1															4	4	17	9
20/ 19		.3	.1															4	4	9	14
18/ 17			.1															1	1	2	11
16/ 15																				1	8
14/ 13		.1																1	1	2	9
12/ 11																					8
10/ 9																					4
8/ 7																					4
6/ 5																					4
4/ 3																					4
+2/ +3																					2
+4/ +5																					1
TOTAL	8.6	59.4	24.9	5.4	1.3	.3	.1												1023		1023
																		1023		1023	

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	6937519	83459	81.6	2.063	1023							
Dry Bulb	1597367	39789	38.9	6.980	1023		15.9					93
Wet Bulb	1427598	37576	36.7	6.809	1023		24.6					93
Dew Point	1218244	34240	33.5	8.407	1023	.3	39.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) JAN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					.1													1	1		
56/ 55		.1	.3		.2													6	6		
54/ 53		.3	.1		.1													5	5	1	
52/ 51		1.3	.7	.3														23	23	8	1
50/ 49	.2	2.1	.7	.6														36	36	19	16
48/ 47	.2	2.2	2.0	.1	.2													47	47	36	12
46/ 45	.5	4.3	1.3	.2														63	63	55	35
44/ 43	.8	3.9	1.8	.5														70	70	63	56
42/ 41	1.3	6.7	1.7	.4														100	100	76	61
40/ 39	1.3	3.7	3.2	.4														86	86	98	82
38/ 37	.8	7.1	1.2	.3														93	93	74	69
36/ 35	1.5	8.1	1.2	.1	.2													110	110	116	83
34/ 33	2.0	8.9	.5															113	113	113	106
32/ 31	1.8	6.8	.8	.1														94	94	131	99
30/ 29	.8	3.0	.5	.1														44	44	73	117
28/ 27	1.0	2.6		.1	.1													38	38	45	100
26/ 25	.4	1.3	.6	.1														24	24	31	45
24/ 23		.7	.2	.3														12	12	10	22
22/ 21		.6	.3															6	9	11	18
20/ 19	.1	.4	.2															7	7	14	17
18/ 17	.1	.5	.2															8	8	9	8
16/ 15																				6	3
14/ 13		.2																2	2		5
12/ 11		.1																1	1	1	7
10/ 9																					7
8/ 7																					1
6/ 5																					3
4/ 3																					1
2/ 1																					1
0/ -1																					4
-2/ -3																					1
-4/ -5																					2
-8/ -9																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | JAN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	12.9	64.9	17.6	3.6	.9													997	992	992	992

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.	7082824	83092	83.8	11.135	992							
Dry Bulb	1447829	37187	37.5	7.368	992		22.4					93
Wet Bulb	1312674	35386	35.7	7.132	992		31.2					93
Dew Point	1138978	32536	32.8	8.515	992	.7	44.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-69 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.2															2	2		
56/ 55	.4	.1	.1	.1			.2											8	8	1	2
54/ 53	.4	.5	.1	.5		.1												13	13	6	3
52/ 51		1.1	1.2	.2														21	21	7	5
50/ 49	.9	1.3	1.3	.9														38	38	25	16
48/ 47	.6	2.4	1.3	.5	.6													45	45	27	17
46/ 45	.9	3.8	.7	.4														49	49	53	31
44/ 43	2.2	6.4	1.9	.9														97	97	71	50
42/ 41	2.5	4.7	3.4	.4														93	93	99	77
40/ 39	1.1	4.6	3.5	.1														79	79	77	73
38/ 37	1.5	8.4	2.9	.2														111	111	77	63
36/ 35	1.4	5.4	1.5	.2														73	73	114	87
34/ 33	2.0	4.6	.5															60	60	85	90
32/ 31	1.4	5.2	.4															59	59	67	85
30/ 29	1.2	3.9	.5	.1														48	48	58	81
28/ 27	1.1	2.9	.5															38	38	48	64
26/ 25	.1	.2	.1															4	4	17	42
24/ 23		.6	.1															6	6	6	29
22/ 21		.2	.1															3	3	3	12
20/ 19		.2																2	2	4	1
18/ 17																				2	4
16/ 15																					6
14/ 13																					3
12/ 11																					1
10/ 9																					1
8/ 7																					2
TOTAL	17.7	56.4	20.4	4.6	.6	.1	.2											849	849	849	849

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	6215129	72031	84.8	11.067	849							
Dry Bulb	1339953	33221	39.1	6.871	849		15.8					84
Wet Bulb	1219795	31691	37.3	6.592	849		20.3					84
Dew Point	1072002	29496	34.7	7.465	849		32.9					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-69 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	wet Bulb	Dew Point
58/ 57		.2																2	2		
56/ 55	.1	.6	.4															9	9	3	1
54/ 53		.1	.1	.1		.1												4	4	5	4
52/ 51	.4	.5	.1	.4	.1													12	12	8	7
50/ 49	1.3	1.2	1.6	.6	.2													43	43	21	14
48/ 47	.8	2.1	1.5	.4	.1													42	42	28	16
46/ 45	1.2	2.9	1.6	.4														53	53	42	32
44/ 43	.9	6.0	1.8	.6														79	79	65	44
42/ 41	2.0	6.5	1.6	.6														91	91	90	70
40/ 39	1.8	3.7	4.0															80	80	85	80
38/ 37	.6	7.1	2.1	.1														84	84	57	53
36/ 35	3.1	5.4	1.6															86	86	122	80
34/ 33	2.9	6.0	.4															79	79	80	99
32/ 31	1.9	4.0	.1															51	51	87	74
30/ 29	1.3	3.5																41	41	41	89
28/ 27	2.7	3.8	.2															57	57	60	72
26/ 25	.4	1.6	.4															21	21	31	42
24/ 23	.1	.7																7	7	10	31
22/ 21		.1																1	1	6	18
20/ 19	.1	.1	.1															3	3	2	4
18/ 17		.5																4	4	2	3
16/ 15																				4	5
14/ 13																					1
12/ 11																					2
10/ 9																					4
8/ 7																					1
TOTAL	21.6	56.8	18.0	3.1	.5	.1													849		849
																		849		849	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 57 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6388109	73129	86.1	10.251	849							
Dry Bulb	1284309	32449	38.2	7.211	849		18.3					84
Wet Bulb	1178583	31087	36.6	6.894	849		24.0					84
Dew Point	1046419	29099	34.3	7.007	849		34.5					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
58/ 57			.1															1	1		
56/ 55		.9	.2															10	10		
54/ 53		.6	.2															8	8	9	
52/ 51	.1	.2			.2													5	5	11	12
50/ 49	.6	1.6	.8	.2														30	30	16	12
48/ 47	.3	2.8	1.3	.2	.2													45	45	16	16
46/ 45	.3	3.9	2.4	.2														63	63	43	24
44/ 43	1.5	6.1	1.5	.1														86	86	81	59
42/ 41	1.2	6.6	2.6	.3														100	100	90	60
40/ 39	1.8	4.7	3.9	.1		.3												101	101	85	93
38/ 37	1.0	5.5	1.9															78	78	90	67
36/ 35	1.9	4.5	1.1															70	70	100	79
34/ 33	1.4	6.1	.5															75	75	69	86
32/ 31	1.8	8.3	.2															96	96	102	87
30/ 29	2.1	4.8	.1															66	66	90	95
28/ 27	1.6	2.7																40	40	54	94
26/ 25	1.1	2.0	.1															30	30	30	97
24/ 23	.2	1.3	.1															15	15	19	25
22/ 21	.1	.5																6	6	11	15
20/ 19	.1	.3																4	4	6	16
18/ 17		.3																3	3	3	8
16/ 15		.1																1	1	3	7
14/ 13																					5
12/ 11																					4
10/ 9																					4
TOTAL	17.3	63.9	16.9	1.2	.4	.3													933		933
																		933		933	

Element (λ)	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	7025097	80447	86.2	9.752	933							
Dry Bulb	1367911	35077	37.6	7.263	933		23.5					84
Wet Bulb	1257061	33627	36.0	6.955	933		28.6					84
Dew Point	1114625	31439	33.7	7.698	933		37.9					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.1	.1	.1												3	3		
58/ 57			.1	.2	.2													5	5		
56/ 55		.4	.6	.2	.2													14	14		
54/ 53	.1	.6	.6	.4	.1		.1											19	19	11	2
52/ 51	.1	1.2	1.1	.4	.5	.1												32	32	16	6
50/ 49	.4	1.9	1.9	.9	.1	.1												50	50	32	23
48/ 47	.4	3.4	2.7	1.9	.1	.2												82	82	38	24
46/ 45	.8	5.5	3.6	1.7	.4		.1											113	113	72	39
44/ 43	.9	7.2	5.4	1.0			.1											135	135	113	70
42/ 41	1.0	4.4	5.9	1.0	.4	.1	.1											120	120	123	86
40/ 39	1.5	3.6	5.9	.6														110	110	124	95
38/ 37	.8	5.6	2.4	.3	.1													85	85	124	90
36/ 35	.5	5.3	1.0															63	63	98	123
34/ 33	.2	2.8	.4	.3	.1													36	36	77	87
32/ 31	.4	2.8	.3															33	33	46	103
30/ 29	.4	1.5	.5	.1														24	24	31	76
28/ 27	.3	.3																6	6	18	53
26/ 25		.1	.1															2	2	7	19
24/ 23		.1																1	1	3	12
22/ 21																					4
20/ 19																					6
18/ 17																					3
16/ 15																					4
14/ 13																					2
12/ 11																					3
10/ 9																					2
6/ 5																					1
TOTAL	7.8	46.7	32.6	9.3	2.5	.6	.4												933		933
																		933		933	

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.	6114732	74642	80.0	12.296	933							
Dry Bulb	1685939	39257	42.1	6.056	933		5.9					84
Wet Bulb	1481866	36800	39.4	5.709	933		9.5					84
Dew Point	1256302	33622	36.0	6.924	933		25.9					94

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.1										1	1		
68/ 67								.2											2	2		
66/ 65						.1	.2	.1											4	4		
64/ 63					.1	.2				.1									4	4		
62/ 61					.3	.2													5	5		
60/ 59				.4	.6	.3	.3	.2											18	18		
58/ 57		.5	.2	.3	.4	.4	1.2	.2											33	33	1	
56/ 55		.4	.9	1.0	.2	.5	.3												33	33	11	
54/ 53		1.2	1.1	1.5	.9	1.0	.2	.1											55	55	15	9
52/ 51		.8	2.6	1.9	2.4	.8	.5	.2											85	85	42	4
50/ 49	.2	2.7	3.5	4.9	2.0	.3	.1	.1											130	130	43	27
48/ 47	.5	1.9	3.0	4.4	2.4	.1	.4	.2											121	121	89	34
46/ 45	.4	3.8	4.1	5.8	1.2	.2													144	144	101	54
44/ 43	.8	3.5	4.1	4.1	.3	.2													121	121	154	76
42/ 41	.9	1.7	3.2	2.0	.4														77	77	157	93
40/ 39	.4	1.4	2.9	.5															49	49	137	74
38/ 37	.2	1.1	.9	.5	.1														26	26	92	106
36/ 35		.3	.5		.6	.1													15	15	53	102
34/ 33	.2	.2			.2														6	6	21	131
32/ 31	.2	.2																	4	4	7	93
30/ 29																					3	40
28/ 27																					6	31
26/ 25																					1	20
24/ 23																						11
22/ 21																						2
20/ 19																						0
18/ 17																						3
16/ 15																						5
14/ 13																						3
12/ 11																						2
10/ 9																						2
8/ 7																						1
6/ 5																						1
4/ 3																						3

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	3.9	19.7	26.9	27.7	12.2	4.5	3.5	1.4	.1	.1								933	933	933	933
																		933		933	

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	4657181	64107	68.7	16.455	933							
Dry Bulb	2119015	44131	47.3	5.824	933		.4	.3				84
Wet Bulb	1714927	39725	42.6	5.024	933		1.5					84
Dew Point	1310852	34294	36.8	7.348	933		20.1					84

USAFETAC FORM 0-26-5 (11 A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
72/ 71									.1									1	1		
70/ 69									.2	.1								3	3		
68/ 67						.2		.4	.1									7	7		
66/ 65								.1										1	1		
64/ 63							.4											4	4		
62/ 61				.1	.1	.5		.5										12	12		
60/ 59				.1	.6	.1	.4	.9										20	20	1	
58/ 57		.1	1.0	.6	.2	.5	1.1	.3										36	36	1	
56/ 55		.6	.4	1.0	.9	1.2	.8											45	45	10	
54/ 53		.2	1.0	2.4	.9	.8	.5											53	53	28	11
52/ 51	.2	1.3	2.0	1.9	2.8	1.3	.4	.5										98	98	27	11
50/ 49	.4	2.8	2.5	3.6	2.5	1.4	1.0	.3										132	132	46	19
48/ 47	.3	3.0	3.5	3.6	2.0		.3											120	120	99	27
46/ 45	.9	3.3	3.2	3.9	1.3	.4												121	121	129	60
44/ 43	1.1	3.3	2.9	4.1	.9													114	114	152	80
42/ 41	.4	1.9	3.9	1.4	.3													74	74	130	66
40/ 39	.2	2.1	2.0	.3	.1													45	45	122	77
38/ 37	.1	1.[illegible]	.4	.4	.3	.1												27	27	113	104
36/ 35		.4	.2	.1	.2	.2												11	11	43	104
34/ 33	.1	.4	.2		.1													8	8	11	96
32/ 31		.1																1	1	11	92
30/ 29																				4	70
28/ 27																				4	27
26/ 25																				2	19
24/ 23																					8
22/ 21																					9
20/ 19																					8
18/ 17																					5
16/ 15																					4
14/ 13																					7
12/ 11																					3
8/ 7																					1
6/ 5																					2
4/ 3																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) FEB (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ -5																					1
TOTAL	3.8	20.9	23.3	23.6	13.2	6.8	4.9	3.1	.4	.1									933		933
																		933		933	

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	4504617	62567	67.1	18.205	933							
Dry Bulb	2179124	44722	47.9	6.160	933		.1	1.0				84
Wet Bulb	1736815	39977	42.8	5.063	933		1.9					84
Dew Point	1299426	34058	36.5	7.764	933	.1	23.2					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63						.1	.1											2	2		
62/ 61						.1	.1											2	2		
60/ 59			.1	.1														2	2		
58/ 57				.4	.3													7	7		
56/ 55		.9	.4	.3	.2													17	17	2	
54/ 53	.3	1.0	.9	.8		.2		.2										31	31	14	3
52/ 51		1.2	1.0	.9	.6	.4	.1	.1										40	40	26	17
50/ 49	.9	1.7	3.1	.8	.2	.3												65	65	30	22
48/ 47	1.0	4.3	3.3	1.5	.5	.1	.2											107	102	59	29
46/ 45	.4	4.7	4.3	1.6	.5	.2												110	110	76	48
44/ 43	.5	6.9	5.1	1.9	.5	.4	.1											145	145	107	75
42/ 41	.5	4.7	5.7	1.4	.1	.3												119	119	129	76
40/ 39	.3	5.1	5.5	1.0														111	111	134	106
38/ 37	1.2	3.5	4.1	.2	.1													85	85	134	91
36/ 35	.5	2.1	.6	.3	.1													35	35	96	109
34/ 33	.4	2.1	.6	.2	.2													34	34	63	93
32/ 31	.1	1.2	.2	.3	.1													18	18	29	100
30/ 29	.1	.4		.1														6	6	16	52
28/ 27	.1																	1	1	11	42
26/ 25			.1															1	1	3	25
24/ 23																				1	10
22/ 21																				1	2
20/ 19																					5
18/ 17																					5
16/ 15																					1
14/ 13																					5
10/ 9																					2
8/ 7																					1
6/ 5																					1
2/ 1																					1
TOTAL	6.4	49.9	35.0	11.8	3.6	2.3	.6	.3										933	933		933
																		933		933	

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.	5814176	72388	77.6	14.570	933							
Dry Bulb	1789742	40514	43.4	5.719	933		2.3					84
Wet Bulb	1550415	37685	40.4	5.508	933		5.5					84
Dew Point	1288433	33963	36.4	7.478	933		23.6					84

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | FEB MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.1	.1	.1													3	3		
56/ 55	.2	.2	.1	.2														7	7	2	
54/ 53	.4	.7	.6	.4		.1												20	20	8	6
52/ 51	.1	1.3	.9	.2	.1	.1												25	25	17	7
50/ 49	.9	1.3	1.7	.7	.3	.1												47	47	26	24
48/ 47	.8	3.5	1.9	.6	.1	.2												64	64	39	17
46/ 45	.7	4.6	2.2	.4														72	72	65	42
44/ 43	1.9	5.2	4.1	.3	.4	.1												109	109	86	70
42/ 41	1.8	5.3	4.2	.1		.1												104	104	90	70
40/ 39	.7	7.3	4.6	.2	.2													119	119	103	68
38/ 37	1.5	7.1	2.0		.2													98	98	124	81
36/ 35	1.7	5.7	1.9	.1	.1													86	86	105	129
34/ 33	.9	3.5	1.5	.1														55	55	91	87
32/ 31	1.1	3.1	.4	.4														46	46	66	83
30/ 29	1.2	1.9	.4	.2														34	34	50	73
28/ 27	.6	.6	.1															11	11	25	68
26/ 25		.2	.2															4	4	8	32
24/ 23			.1															1	1	3	12
22/ 21		.1																1	1	2	5
20/ 19																				1	8
18/ 17																					3
16/ 15																					4
14/ 13																					3
12/ 11																					4
10/ 9																					2
8/ 7																					1
TOTAL	14.4	51.9	27.1	4.2	1.7	.8													905		905
																		905		905	

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.	6370672	75170	83.1	11.852	905							
Dry Bulb	1527192	36744	40.6	6.253	905		9.0					84
Wet Bulb	1375141	34843	38.5	6.103	905		12.8					84
Dew Point	1195821	32223	35.6	7.325	905		27.7					84

USAFETAC FORM 0-26-5 (OL-A) 81-04 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-69 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	8	9	10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55					.1	.1													2	2		
54/ 53		.3	.4		.1														8	8		
52/ 51		.6	.5		.3														14	14	4	2
50/ 49		1.2	1.7	.9	.1														36	36	11	4
48/ 47	.4	3.2	1.1	.6															50	50	27	14
46/ 45	1.5	5.0	2.0	1.1	.4														93	93	72	38
44/ 43	1.2	5.8	2.7	.6															96	96	83	63
42/ 41	.9	6.6	1.5	.1	.1														85	85	86	51
40/ 39	1.2	8.6	3.0	.2	.1														122	122	115	95
38/ 37	1.3	6.8	2.5																98	98	110	101
36/ 35	1.2	9.1	1.3	.1															109	109	106	110
34/ 33	1.9	6.2	.2	.1															79	79	124	110
32/ 31	1.9	5.4	.3																71	71	89	118
30/ 29	.8	3.7	.3																44	44	56	100
28/ 27	.1	1.2	.4																16	16	26	48
26/ 25		.2	.1																3	3	14	36
24/ 23			.3																3	3	3	16
22/ 21																					2	5
20/ 19																					1	6
18/ 17																						6
16/ 15																						2
14/ 13																						2
12/ 11																						2
TOTAL	12.4	63.9	18.5	3.8	1.3	.1														929		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	6747292	78698	84.6	10.161	929							
Dry Bulb	1469192	36472	39.3	5.992	929		13.7					93
Wet Bulb	1327494	34724	37.4	5.646	929		19.1					93
Dew Point	1164104	32362	34.8	6.294	929		34.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-69 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53			.1	.1	.1																3	3		
52/ 51		.8	.2	.1	.4	.1															15	15		
50/ 49		.8	1.3	.3	.3																25	25	10	2
48/ 47	.1	3.1	1.5	.1	.1																46	46	20	12
46/ 45	1.1	4.3	1.3	1.2																	73	73	58	34
44/ 43	1.3	7.2	1.7	.3																	100	100	82	57
42/ 41	.6	5.7	1.6	.5																	79	79	90	60
40/ 39	1.1	6.5	1.5	.1																	85	85	86	75
38/ 37	1.5	7.2	1.4																		94	94	109	97
36/ 35	1.1	7.7	.5																		87	87	73	86
34/ 33	4.2	6.7	.1																		102	102	132	116
32/ 31	2.2	7.6																			91	91	93	108
30/ 29	2.5	5.3	.2																		74	74	92	96
28/ 27	1.2	1.7	.4																		31	31	42	83
26/ 25	.4	1.4	.1																		18	18	26	48
24/ 23	.1	.3	.1																		5	5	8	31
22/ 21		.2																			3	2	4	4
20/ 19																							3	7
18/ 17																								3
16/ 15																								3
12/ 11																								3
TOTAL	17.5	66.5	12.4	2.8	1.0	.1															930	930		930
																					930		930	

Element (X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 95 F	Total
Rel. Hum.	7022302	80338	86.4	9.413	930							
Dry Bulb	1372915	35225	37.9	6.456	930		22.1					93
Wet Bulb	1257965	33745	36.3	6.008	930		26.8					93
Dew Point	1115519	31643	34.0	6.469	930		39.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40,61-70 YEARS — MAR MONTH

PAGE 1 — 0600-0800 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57					.2													2	2		
56/ 55				.1			.1											2	2		
54/ 53		.1	.1			.2												4	4		
52/ 51		.7	.1	.2	.1													11	11	1	
50/ 49		1.0	1.5	.5														30	30	11	2
48/ 47	.6	2.2	1.0	.3	.1													48	48	27	14
46/ 45	.9	3.6	2.0	1.0														76	76	50	41
44/ 43	1.0	6.6	3.7	.3														119	119	84	37
42/ 41	.5	7.9	2.2	.8														116	116	103	72
40/ 39	.9	6.0	2.4	.2														97	97	145	84
38/ 37	1.2	7.3	1.2															99	99	101	132
36/ 35	1.5	5.9	.6															83	83	103	107
34/ 33	1.5	7.3	.7															97	97	93	110
32/ 31	1.8	6.1	.2	.1														83	83	107	103
30/ 29	1.2	7.0	.4															88	88	78	90
28/ 27	1.2	2.0	.2															41	41	75	95
26/ 25	.4	1.3																17	17	28	69
24/ 23	.1	.4																5	5	9	26
22/ 21		.4																4	4	3	19
20/ 19		.1																1	1	4	9
18/ 17																				1	8
16/ 15																					2
14/ 13																					1
12/ 11																					2
TOTAL	12.5	66.5	16.9	3.4	.4	.2	.1											1023		1023	
																	1023		1023		

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	7472896	86908	85.0	9.369	1023							
Dr. Bulb	1529506	38984	38.1	6.556	1023		21.7					93
Wet Bulb	1388414	37174	36.3	6.064	1023		27.7					93
Dew Point	1214153	34610	33.8	6.504	1023		38.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-79 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63						.1												1	1		
62/ 61					.2		.1											3	3		
60/ 59					.2	.4		.2										8	8		
58/ 57			.1	.1	.5	.4		.1										12	12		
56/ 55		.1	.3	1.0	1.3	.1	.2											30	30		
54/ 53		.2	.4	1.4	.9	.6	.4											39	39	6	
52/ 51		1.1	1.9	2.4	1.6	.5												76	76	13	2
50/ 49		2.1	3.2	4.3	1.2	.4												114	114	46	12
48/ 47		2.3	3.1	3.9	1.6		.1											113	113	72	22
46/ 45	.2	3.6	4.7	3.9	1.2	.1	.1											141	141	110	36
44/ 43		4.5	5.5	2.4	.8	.1												136	136	137	75
42/ 41	.3	4.4	6.0	2.3	.6	.2												141	141	165	82
40/ 39	.6	4.4	3.4	.6	.3	.1												96	96	182	130
38/ 37	.4	2.4	1.8	.1														48	48	126	141
36/ 35	.2	1.4	1.2	.4	.2													34	34	79	140
34/ 33	.2	1.7	.4	.1														24	24	41	130
32/ 31		.2	.1	.1														4	4	31	86
30/ 29		.1																1	1	7	71
28/ 27			.1															1	1	6	39
26/ 25																					17
24/ 23																				1	14
22/ 21																					8
20/ 19																					3
18/ 17																					3
16/ 15																					2
14/ 13																					3
8/ 7																					2
TOTAL	1.9	28.5	32.1	23.1	10.4	2.9	.9	.3										1022		1022	1022
																	1022		1022		

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.	5497749	73557	72.0	14.121	1022							
Dry Bulb	2109350	46076	45.1	5.603	1022		.5					93
Wet Bulb	1747164	41974	41.1	4.774	1022		3.1					93
Dew Point	1368892	36866	36.1	6.184	1022		22.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.2	.1								3	3		
68/ 67									.1	.1								2	2		
66/ 65							.2	.3	.2	.1								8	8		
64/ 63						.3	.4	.1	.1	.1								10	10		
62/ 61			.1	.1	.2	.5	.7	.5	.6	.3								30	30		
60/ 59			.1	.4	.9	1.6	.7	.3	.2									42	42		
58/ 57		.1	.3	.3	2.1	1.9	1.0	.9	.1									67	67	1	
56/ 55		.2	.3	1.1	1.4	2.8	1.1	.2										72	72	5	
54/ 53		.3	.6	2.7	2.6	1.4	.5	.1										86	86	21	3
52/ 51		.7	2.4	2.9	4.3	1.5	.4	.1										126	126	42	7
50/ 49	.1	1.1	2.3	3.3	3.8	1.7	.8	.2										136	136	79	13
48/ 47		1.1	2.8	4.4	3.3	1.1	.2	.1										133	133	126	21
46/ 45	.2	1.7	4.1	4.6	1.4	.5	.3											130	130	154	48
44/ 43		1.9	2.1	2.3	.7	.4	.2											77	77	157	75
42/ 41		1.5	1.7	1.2	.2	.1												47	47	169	69
40/ 39		.8	1.1	.4														23	23	125	122
38/ 37		.9	.3															12	12	73	117
36/ 35		.7	.4	.2	.1													14	14	41	125
34/ 33		.4	.1															5	5	18	114
32/ 31																				10	97
30/ 29																				2	79
28/ 27																					42
26/ 25																					20
24/ 23																					22
22/ 21																					13
20/ 19																					5
18/ 17																					5
16/ 15																					5
14/ 13																					4
12/ 11																					2
10/ 9																					1
6/ 5																					4
TOTAL	.3	11.1	18.9	23.9	26.9	13.6	6.4	2.7	1.5	.7								1023	1023		1023

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.	3977864	61524	60.1	16.406	1023							
Dry Bulb	2588492	51068	49.9	6.192	1023			.5				93
Wet Bulb	1957187	44487	43.5	4.701	1023		1.1					93
Dew Point	1348922	36446	35.6	7.028	1023		28.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 40,61-70 YEARS — MAR 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
72/ 71									.1	.3								4	4		
70/ 69									.3	.2								5	5		
68/ 67									.2	.2								4	4		
66/ 65							.1	.2	.2	.2								7	7		
64/ 63						.3	.4	1.6	1.0	.4								37	37		
62/ 61					.4	.9	.5	.4	.3	.4								29	29		
60/ 59				.1	.7	1.1	1.3	1.0	.1									43	43		
58/ 57			.2	.4	1.3	1.8	1.8	1.1	.2									68	68		
56/ 55			.9	.6	2.2	2.9	1.3	.1										81	81	5	
54/ 53	.1	.2	1.1	1.7	2.5	1.7	.9	.2										85	85	25	1
52/ 51		.4	2.2	2.3	3.2	1.8	.6	.2										104	104	42	4
50/ 49	.1	2.4	3.7	2.2	3.1	2.1	.9	.3										152	152	84	17
48/ 47	.2	1.5	2.2	2.9	2.9	.7	.3	.1										111	111	145	33
46/ 45	.1	2.2	2.4	3.2	2.3	.4	.6											115	115	166	44
44/ 43		1.6	3.5	1.1	.3		.1											67	67	139	67
42/ 41		1.3	2.2	.4	.3	.1												44	44	142	82
40/ 39		1.1	1.2	.4		.2												29	29	135	95
38/ 37	.1	1.1	.2	.3														17	17	71	114
36/ 35	.1	.6																7	7	34	133
34/ 33		.5	.3															8	8	18	107
32/ 31		.1																1	1	13	94
30/ 29																					72
28/ 27																					56
26/ 25																					36
24/ 23																					22
22/ 21																					19
20/ 19																					4
18/ 17																					7
16/ 15																					1
14/ 13																					2
12/ 11																					2
10/ 9																					3
8/ 7																					5
6/ 5																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 62 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. /W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.7	12.8	20.1	15.6	19.3	13.8	8.6	5.1	2.3	1.7								1023	1023	1023	1023	1023

Element (X)	Σy^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.	3903871	60203	58,8	18,793	1023							
Dry Bulb	2663490	51738	50,6	6,771	1023		,1	1,2				93
Wet Bulb	1979081	44735	43,7	4,729	1023		1,2					93
Dew Point	1330249	36113	35,3	7,364	1023		29,6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 40,61-70 YEARS | MAR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69									.1									1	1		
68/ 67								.1										1	1		
66/ 63							.1		.1									2	2		
62/ 61						.2	.3	.2										7	7		
60/ 59					.2	.4	.2	.4	.1									13	13		
58/ 57			.1	.5	.4	.3	.1	.3										17	17		
56/ 55		.1	.3	.6	.6	.9	.7	.3										37	37		
54/ 53		.3	1.0	1.4	1.2	.4	.8											51	51	6	2
52/ 51	.2	.4	2.1	1.7	1.5	1.1	.3											73	73	20	1
50/ 49	.1	2.9	3.9	2.6	2.2	1.2	.3											138	138	41	9
48/ 47	.6	3.6	4.0	2.3	1.9	.6	.3											136	136	108	39
46/ 45	.4	2.2	4.2	3.6	1.7	.2	.1											127	127	116	60
44/ 43	.2	2.4	4.3	3.4	.9	.3	.1											119	119	135	56
42/ 41	.5	4.7	3.7	1.6	.8	.3												118	118	148	82
40/ 39	.2	3.9	2.7	.9	.3													82	82	169	116
38/ 37	.5	2.6	1.2	.3	.2													49	49	130	116
36/ 35	.2	1.9	.5	.1	.1													28	28	76	128
34/ 33	.2	.7	.2	.1														12	12	42	99
32/ 31		.7		.1														8	8	19	98
30/ 29		.4																4	4	8	77
28/ 27																				4	46
26/ 25																				1	36
24/ 23																					15
22/ 21																					12
20/ 19																					8
18/ 17																					5
16/ 15																					4
14/ 13																					2
12/ 11																					3
10/ 9																					2
8/ 7																					
TOTAL	3.0	26.9	28.2	19.4	12.0	5.8	3.2	1.3	.3									1023	1023		1023
																		1023		1023	

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.	5271467	71315	69.7	17.133	1023							
Dry Bulb	2193706	46982	45.9	5.937	1023		1.1	.2				93
Wet Bulb	1782245	42411	41.5	4.845	1023		2.9					93
Dew Point	1355486	36354	35.7	6.948	1023		28.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 5	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57					.3													3	3		
56/ 55				.1			.1											2	2		
54/ 53	.2	.3	.3	.2														10	10	3	2
52/ 51		.2	1.5	.5	.2	.2												26	26	4	1
50/ 49	.2	1.7	2.4	1.6	.3	.1												63	63	17	4
48/ 47	.7	4.4	3.0	.8	.2	.3												94	94	56	18
46/ 45	.9	5.6	4.0	1.7	.7													129	129	86	63
44/ 43	.8	4.1	5.7	1.4	.5													125	125	107	66
42/ 41	.3	5.7	4.1	1.0	.3													114	114	111	64
40/ 39	.4	7.2	5.1	1.3	.4	.1												144	144	138	99
38/ 37	.7	8.1	2.2	.6	.2													117	117	153	126
36/ 35	.6	3.9	1.6															61	61	134	113
34/ 33	1.1	3.7	.4	.2														54	54	84	128
32/ 31	.4	2.7	.2	.2														35	35	62	106
30/ 29	.1	.7	.1	.1														10	10	22	90
28/ 27		.3	.1															4	4	8	48
26/ 25			.1															1	1	5	27
24/ 23																				1	9
22/ 21																				1	10
20/ 19																					9
18/ 17																					3
14/ 13																					1
10/ 9																					4
8/ 7																					1
TOTAL	5.5	48.8	31.0	9.8	3.1	.7	.1											992	992		992
																		992		992	

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.	6455135	79061	79.7	12.469	992							
Dry Bulb	1755923	41337	41.7	5.431	992		4.7					93
Wet Bulb	1541118	38766	39.1	5.141	992		9.3					93
Dew Point	1297317	35307	35.6	6.407	992		28.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-69 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57				.1	.1													2	2		
56/ 55			.1	.2														3	3		
54/ 53	.1	.8	.6	.2	.2	.2												21	21	2	1
52/ 51		1.4	.6	.4														24	24	15	4
50/ 49	1.5	3.3	1.9	1.0														77	77	37	31
48/ 47	.3	6.0	3.4	.6	.2													104	104	56	30
46/ 45	1.3	6.5	3.9	1.0														126	126	111	65
44/ 43	1.3	8.0	5.5	.5														151	151	119	80
42/ 41	1.1	7.7	3.6	.8														133	133	127	97
40/ 39	1.4	6.8	4.0	.1														122	122	168	129
38/ 37	.9	6.7	.6															81	81	129	126
36/ 35	1.4	4.6	1.5															74	74	101	140
34/ 33	.7	3.0	.6															43	43	65	113
32/ 31	.6	1.8	.1															25	25	40	82
30/ 29	.1	.2																3	3	17	51
28/ 27																				2	22
26/ 25																					12
24/ 23																					5
22/ 21																					1
TOTAL	10.8	36.7	26.6	5.0	.5	.2													989		989
																		989		989	

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.	7064903	83043	84.0	9.653	989							
Dry Bulb	1811628	42016	42.5	3.194	989		2.5					90
Wet Bulb	1636137	39923	40.4	4.986	989		5.4					90
Dew Point	1445591	37407	37.8	5.378	989		15.7					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57							.1											1	1		
56/ 55			.1															1	1		
54/ 53		.5		.5														10	10		
52/ 51	.6	1.6	.1		.1													24	24	15	9
50/ 49	.2	1.6	1.4	.1														33	33	23	19
48/ 47	1.5	6.1	2.2	.1	.1													100	100	37	30
46/ 45	1.0	8.0	2.0	.2														112	112	112	55
44/ 43	.4	7.9	4.5	.4														132	132	94	80
42/ 41	2.1	8.9	3.8	.5														153	153	124	97
40/ 39	1.5	8.1	2.6															122	122	173	125
38/ 37	1.7	5.9	.7															83	83	119	127
36/ 35	1.4	5.1	.9															74	74	96	138
34/ 33	1.6	4.3	.4															63	63	80	88
32/ 31	1.0	4.1	.1															52	52	52	90
30/ 29	.8	2.2																30	30	54	62
28/ 27		.4																4	4	12	44
26/ 25		.1																1	1	4	21
24/ 23																					9
22/ 21																					3
20/ 19																					1
TOTAL	13.9	65.1	18.9	1.8	.2		.1											995	995	995	995

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	7493420	85926	86.4	8.689	995							
Dry Bulb	1702102	40778	41.0	5.576	995		7.9					90
Wet Bulb	1561883	39057	39.3	5.380	995		11.0					90
Dew Point	1404600	36924	37.1	5.680	995		20.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61						.1	.1											2	2		
60/ 59				.1	.1													2	2		
58/ 57				.2	.1	.1												4	4		
56/ 55			.2	.5	.2													9	9		
54/ 53		.6	.9	.2														19	19	2	
52/ 51	.4	1.7	1.7	.9	.1													51	51	23	6
50/ 49	.3	2.4	2.9	1.1	.1													73	73	38	21
48/ 47	.6	5.0	4.6	.9	.1													122	122	73	34
46/ 45	.6	5.6	6.9	1.5	.1													157	157	111	61
44/ 43	.6	7.3	7.0	1.2	.1													175	175	139	95
42/ 41	.9	6.6	4.9	.7														142	142	165	123
40/ 39	1.1	5.2	3.6	.3														110	110	186	146
38/ 37	.7	4.6	1.3															72	72	114	135
36/ 35	.7	3.2	1.3															57	57	96	149
34/ 33	.5	3.0	.3															40	40	51	99
32/ 31	.3	1.7	.1															22	22	46	84
30/ 29	.3	1.6																20	20	21	53
28/ 27		.2																2	2	13	44
26/ 25		.1																1	1	2	18
24/ 23																					6
22/ 21																					1
20/ 19																					1
TOTAL	6.9	46.7	35.6	7.6	.8	.2	.1											1080	1080	1080	1080

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
Pot. Hum.	7288402	88062	81.5	10.005	1080							
Dry Bulb	2035529	46499	43.1	5.575	1080		3.8					90
Wet Bulb	1807897	43827	40.6	5.173	1080		6.8					90
Dew Point	1563558	40624	37.6	5.735	1080		17.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-60,61-70 YEARS | APR MONTH

 0900-1100 HOURS (L S T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B, W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73										.1								1	1		
72/ 71								.1										1	1		
70/ 69							.1	.4	.1									6	6		
68/ 67						.1	.1	.2										4	4		
66/ 65						.3	.3	.2										8	8		
64/ 63					.2	.6	.3	.1	.2									15	16		
62/ 61					.4	.4	.3	.1										14	14		
60/ 59				.5	.8	.5	.2											21	21		
58/ 57			.2	.6	1.1	.6	.3	.1										32	32	4	
56/ 55	.1	.3	.0	1.9	2.1	.9	.2											66	66	17	
54/ 53	.2	.9	1.3	3.1	2.9	.6	.1	.1										99	99	33	5
52/ 51	.1	.6	3.2	4.5	4.3	.9	.2											150	150	42	10
50/ 49		1.7	6.4	7.6	3.4	.8	.1											216	216	71	19
48/ 47	.1	2.8	4.1	6.0	2.9	.3												171	171	151	39
46/ 45	.2	2.8	4.1	4.3	1.0													133	133	200	68
44/ 43		1.2	3.2	2.2	.4													76	76	202	119
42/ 41		1.0	1.9	.7														40	40	155	147
40/ 39	.1	1.0	.8	.1														22	22	139	115
38/ 37	.1	.1																2	2	59	159
36/ 35		.2																2	2	8	143
34/ 33																				1	86
32/ 31																					85
30/ 29																					42
28/ 27																					21
26/ 25																					12
24/ 23																					3
20/ 19																					1
TOTAL	.8	12.3	25.9	31.6	19.5	6.1	2.2	1.2	.3	.1								1080		1079	
																		1079		1079	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	32 F	≤ 57 F	≤ 73 F	≤ 83 F	≤ 93 F	Total
Ref Num	4931809	71432	66.2	13.721	1079							
Dry Bulb	2717336	53862	49.9	9.970	1080			5.0	.1			90
Wet Bulb	2187256	48030	44.5	9.229	1079							90
Dew Point	1730644	41516	38.5	9.542	1079		13.6					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) APR (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	D. w Point
80/ 79										.4		.1						2	2		
78/ 77										.2	.1	.1						4	4		
76/ 75							.1	.1		.3								5	5		
74/ 73								.1	.3	.1		.1						6	6		
72/ 71								.6	.5	.1		.8						13	13		
70/ 69							.4	.6	.3	.1	.1							14	16		
68/ 67						.2	.3	.4	.1		.1							11	11		
66/ 65					.1	.4	.9	.5	.3									25	25		
64/ 63					.4	1.0	.6	.4	.1	.1								27	27	2	
62/ 61				.2	.5	1.2	.8	.8	.4									43	43	3	
60/ 59			.1	.4	.8	1.9	.8	.6	.2									55	55	4	
58/ 57		.2	.3	.2	1.9	3.0	1.0	.3	.2									84	84	23	1
56/ 55	.1	1.0	.2	.6	3.3	3.1	1.7	.2	.2									135	135	44	4
54/ 53		.8	1.2	3.6	5.3	4.2	.3	.1										173	173	51	5
52/ 51		1.1	1.9	4.5	5.0	3.1	.3											171	171	57	21
50/ 49	.1	.7	3.3	3.2	2.4	2.0	.1											129	129	112	24
48/ 47	.2	1.1	2.1	3.0	2.0	.2												83	83	201	44
46/ 45		.3	1.0	1.3	.7	.2												46	46	209	65
44/ 43		.7	1.6	.2														27	27	160	92
42/ 41	.1	.7	.8															15	18	122	133
40/ 39		.2	.4															6	6	75	140
38/ 37		.1																1	1	15	124
36/ 35																				2	119
34/ 33																					104
32/ 31																					65
30/ 29																					62
28/ 27																					35
26/ 25																					21
24/ 23																					6
22/ 21																					5
20/ 19																					1
18/ 17																					1
16/ 15																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.5	7.2	13.4	16.6	24.4	20.4	8.3	5.2	2.4	.9	.3	.4						1080	1080		1080

Element (X)	Σx	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	3773718	61528	57.0	15.773	1080							90
Dry Bulb	3202243	58376	54.1	6.594	1080			4.8	1.4			
Wet Bulb	2356300	50202	46.5	4.598	1080							90
Dew Point	1815619	41199	38.1	6.385	1080		16.5					90

USAETAC FORM 0-26 5 (2) A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25	26	27 - 28	29 - 30	31	TOTAL D B. W B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
84/ 83												.1							1	1		
82/ 81											.1								1	1		
80/ 79											.1	.2	.2						5	5		
78/ 77										.1	.1	.1							3	3		
76/ 75								.1		.2									3	3		
74/ 73								.1	.4	.1		.3							9	9		
72/ 71							.1	.0	.1	.3		.3							14	14		
70/ 69							.2	.4	.0										13	13		
68/ 67					.1	.2	.6	.8	.1										20	20		
66/ 65					.1	.6	.8	.6	.5	.1									29	29		
64/ 63					.1	.6	.6	1.4	.7	.2									40	40		
62/ 61				.1	.5	1.3	1.0	1.1	.3	.1									49	49	4	
60/ 59		.1	.1	.2	.5	2.1	1.5	.7	.0										63	63	9	
58/ 57		.3	.1	.0	2.3	2.1	4.1	.8											111	111	21	1
56/ 55		.3	.6	1.9	4.3	3.8	1.2	.6	.3										140	140	36	3
54/ 53	.1	1.1	.0	3.0	2.8	2.6	1.3												133	133	49	7
52/ 51	.1	1.2	1.9	3.1	4.8	2.9	.6												158	158	74	19
50/ 49	.3	1.1	2.1	3.4	3.2	.9	.1												127	127	139	26
48/ 47		.9	1.4	2.1	1.8	.5													72	72	192	33
46/ 45	.1	.8	.0	1.1	.5	.1													34	34	203	69
44/ 43		.2	1.9	.4															26	26	151	99
42/ 41		.4	1.0	.3															18	18	108	107
40/ 39	.1	.6	.3																11	11	73	118
38/ 37																					20	123
36/ 35																					1	130
34/ 33																						115
32/ 31																						72
30/ 29																						74
28/ 27																						26
26/ 25																						23
24/ 23																						17
22/ 21																						4
20/ 19																						4
14/ 13																						1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 18	19 - 20	21 22	23 - 24	25 - 26	27 28	29 - 30	+ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
12/ 11																					1
10/ 9																					1
TOTAL	.6	7.0	11.2	16.9	20.8	17.7	12.2	7.3	3.0	1.0	.3	.9	.2					1080		1080	1080
																	1080		1080		

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.	3600982	59576	55.2	17.075	1080							
Dry Bulb	3287470	59110	54.7	6.962	1080			5.8	1.8	.6		90
Wet Bulb	2372229	50371	46.6	4.610	1080							90
Dew Point	1582121	40709	37.7	6.646	1080		18.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | APR MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19	20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77										.1									1	1		
74/ 73								.1											1	1		
72/ 71								.2											2	2		
70/ 69							.1		.1		.2								4	4		
68/ 67						.1	.2	.4	.1	.1									9	9		
66/ 65				.1		.2	.4	.1	.2										10	10		
64/ 63					.1	.8	.3	.1											14	14		
62/ 61					.6	.5	.8	.4	.1										25	25		
60/ 59			.1	.3	.6	.7	.6	.6											31	31	3	
58/ 57		.3	.2	.6	1.3	1.4	.2	.1	.1										45	45	4	
56/ 55	.2	.7	.6	1.1	1.9	1.9	1.1	.1											80	84	16	3
54/ 53		.7	1.2	2.6	2.0	1.2	.6	.2											93	93	38	6
52/ 51	.4	1.5	3.2	4.6	2.4	1.3	.4	.1											150	150	55	21
50/ 49	.2	1.8	3.8	5.1	2.5	1.4	.2												183	183	93	29
48/ 47		2.7	3.1	5.2	2.5	.4													149	149	152	43
46/ 45		2.7	4.4	3.1	1.2	.2													125	125	179	70
44/ 43	.3	1.3	3.0	2.5	.4														80	80	178	110
42/ 41		.9	2.0	.4															36	36	162	124
40/ 39	.2	.9	.8																21	21	115	125
38/ 37	.1	.6	.6																15	15	58	127
36/ 35		.2																	2	2	23	123
34/ 33																					4	120
32/ 31																						67
30/ 29																						47
28/ 27																						29
26/ 25																						17
24/ 23																						9
22/ 21																						5
20/ 19																						4
16/ 15																						1
14/ 13																						1
TOTAL	1.3	14.4	25.1	25.6	15.6	10.1	4.8	2.2	.6	.2	.2								1080		1080	
																			1080		1080	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	4875597	70475	65.3	16.0	1080
Dry Bulb	2772043	54337	50.3	5.953	1080
Wet Bulb	2178948	48260	44.7	4.360	1080
Dew Point	1624778	41330	38.3	6.323	1080

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.							90
Dry Bulb			1.4	.2			90
Wet Bulb							90
Dew Point		15.0					90

USAFETAC FORM 0-26-5 (OL 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 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
64/ 63						.1												1	1		
62/ 61					.1	.1		.1										3	3		
60/ 59					.2	.3												5	5		
58/ 57			.1	.6	.2		.1											10	10		
56/ 55		.3	.6	.6	.4	.1												20	20		
54/ 53	.3	1.2	1.0	.8	.8	.2												44	44	14	5
52/ 51	.3	1.7	1.7	1.1	.5	.2												58	58	34	13
50/ 49	.9	3.2	3.3	.8	.6	.2												111	113	52	35
48/ 47	.2	3.8	6.2	2.8	.6	.1												143	143	84	30
46/ 45	.7	5.6	6.6	2.0	.6	.2												164	164	127	59
44/ 43	.5	5.7	6.9	2.4	.3													165	165	158	112
42/ 41	.6	4.6	5.1	1.3	.1													122	122	170	120
40/ 39	.9	4.2	3.9	.5														99	99	160	119
38/ 37	.5	3.2	1.5	.2														56	56	130	146
36/ 35	.4	2.3	.5															33	33	69	130
34/ 33	.1	.5	.3															9	9	39	128
32/ 31																				8	61
30/ 29																					39
28/ 27																					23
26/ 25																					12
24/ 23																					3
22/ 21																					1
TOTAL	5.3	36.4	39.6	13.0	4.2	1.4	.1	.1										1045	1045		1045
																		1045		1045	

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	6540119	81709	78.2	12.037	1045							90
Dry Bulb	2155810	47172	45.1	5.032	1045							90
Wet Bulb	1870744	43948	42.1	4.641	1045		.7					90
Dew Point	1578371	40181	38.5	5.655	1045		12.0					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-46,61-69 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	>31	TOTAL D B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.1	.2												3	3		
64/ 63					.1	.1												2	2		
62/ 61					.1													1	1		
60/ 59			.2	.3	.2	.1												11	11		
58/ 57		.1	.3	.3	.6	.2	.1											21	21	2	
56/ 55		.5	1.8	1.2	.3		.1											39	39	7	
54/ 53		2.0	2.3	.9	.3													55	55	30	6
52/ 51	.6	4.9	3.0	2.0	.1													105	105	55	32
50/ 49	.7	5.9	5.9	2.5	.3													151	151	106	56
48/ 47	.1	6.3	4.6	1.4	.2													124	124	106	93
46/ 45	1.0	6.2	6.4	1.6														150	150	175	109
44/ 43	.2	3.4	3.9															93	93	125	107
42/ 41	.4	6.2	2.2	.1														94	94	142	124
40/ 39	.6	3.7	1.2															54	54	100	142
38/ 37	.5	2.5	.4															34	34	49	108
36/ 35	.7	2.4	.2															33	33	42	95
34/ 33	.3	.9																12	12	27	66
32/ 31		.4																4	4	9	20
30/ 29																				2	17
28/ 27																					6
26/ 25																					1
TOTAL	5.2	48.0	33.0	10.8	2.3	.6	.2												986		986
																		986		986	

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.	6706710	80658	81,8	10,501	986							
Dry Bulb	1180979	46035	46,7	5,670	986		.4					93
Wet Bulb	933632	43404	44,0	5,035	986		1.0					93
Dew Point	1703078	40632	41.2	5,396	986		4.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 20	21 - 22	23 - 24	25 26	27 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.5	.1													6	6		
58/ 57			.3			.1												4	4		
56/ 55		1.1	1.7	.3	.3													34	34	2	
54/ 53		1.4	1.2	.5	.1													32	32	19	4
52/ 51	.2	4.3	1.7	.9	.1													74	74	42	24
50/ 49	1.1	6.2	4.0	.7	.1													124	124	77	63
48/ 47	.6	5.4	5.0	1.0														123	123	104	70
46/ 45	1.9	7.4	5.0	1.3														169	169	146	100
44/ 43	1.1	7.6	2.7	.4														121	121	152	106
42/ 41	1.5	6.1	2.4															103	103	146	144
40/ 39	.8	6.1	1.7															88	88	115	131
38/ 37	1.1	3.1	.1															44	44	90	123
36/ 35	1.8	3.6	.5															61	61	53	108
34/ 33	.4	1.9	.1															25	25	33	64
32/ 31	.6	1.3																19	19	31	54
30/ 29		.2																2	2	7	20
28/ 27																				1	16
26/ 25																					2
TOTAL	11.0	55.7	27.1	5.4	.7	.1												1029	1029	1029	1029

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.	7550921	87609	85.1	9.455	1029							
Dry Bulb	2091155	46015	44.7	5.704	1029		1.9					93
Wet Bulb	1898729	43867	42.6	5.279	1029		3.5					93
Dew Point	1709511	41545	40.4	5.594	1029		8.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1											1	1		
70/ 69						.1	.1											2	2		
68/ 67						.2	.1											3	3		
66/ 65					.3	.3	.1											7	7		
64/ 63				.2	.4	.2												8	8		
62/ 61		.1	.1	.6	.3	.5												18	18		
60/ 59		.1	.4	.7	.8	.1												23	23	3	
58/ 57		.3	.8	1.3	1.8	.2												46	46	13	1
56/ 55		1.0	2.5	2.6	1.3	.1												81	81	23	1
54/ 53		2.1	4.2	3.8	.7													120	120	46	14
52/ 51	.3	3.3	4.5	3.7	.7													139	139	102	45
50/ 49	.7	5.0	6.8	3.0	.3	.1												178	178	151	77
48/ 47	.6	4.0	7.0	2.7	.2													160	160	168	106
46/ 45	.4	3.7	4.8	1.1	.1													111	111	172	136
44/ 43	.1	3.4	3.5	.3														84	84	154	143
42/ 41	.4	2.9	2.4															64	64	122	170
40/ 39	.3	2.3	.9															39	39	77	132
38/ 37	.2	.9	.2															14	14	56	118
36/ 35		.8	.2															11	11	17	89
34/ 33	.1	.4																5	5	9	44
32/ 31		.1																1	1	4	24
30/ 29																				1	12
28/ 27																					1
TOTAL	2.9	30.3	39.2	20.1	6.5	1.7	.4											1115	1115		1115
																		1115		1115	

Element (X)	Σx^2	Σx	$\bar{y}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Per. Hum.	6737849	85785	76.9	11.122	1115							
Dry Bulb	2753695	55027	49.4	5.843	1115		.1	.5				93
Wet Bulb	2263651	51043	45.8	4.921	1115		.4					93
Dew Point	2010879	46983	42.1	5.273	1115		3.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.1								1	1		
82/ 81											.2							2	2		
80/ 79									.3									3	3		
78/ 77								.1	.3		.1							5	5		
76/ 75						.1	.1	.5	.1									9	9		
74/ 73							.1	.5	.1									8	8		
72/ 71							.4	.7	.1									14	14		
70/ 69					.1	.6	1.2	.4	.2									28	28		
68/ 67				.1	.3	.7	.4	.1										17	17		
66/ 65				.1	.7	1.0	2.0	.2										44	44	2	
64/ 63			.1	.1	1.3	2.2	1.4											57	57	7	
62/ 61			.1	.6	2.4	2.6	.8	.1										74	74	13	
60/ 59			.5	1.7	4.1	2.4	.5	.2										106	106	28	3
58/ 57		.3	1.5	3.0	3.2	1.4	.4	.1										110	110	43	
56/ 55		.8	1.7	3.9	4.7	2.2	.1	.1										150	150	68	6
54/ 53		1.8	1.3	3.3	3.9	1.2												129	129	133	23
52/ 51		1.3	2.2	4.4	3.4	.4												131	131	167	72
50/ 49	.1	1.5	2.7	3.9	1.8	.2												113	113	146	86
48/ 47		.5	1.4	2.2	.6													54	54	156	111
46/ 45		.9	.9	1.2	.1													34	34	166	133
44/ 43		.8	.9	.2														21	21	101	141
42/ 41		.1	.4	.1														6	6	56	141
40/ 39	.1																	1	1	26	130
38/ 37																				4	97
36/ 35																					80
34/ 33																					41
32/ 31																					31
30/ 29																					7
28/ 27																					3
22/ 21																					1
TOTAL	.2	8.1	13.7	24.7	26.7	14.9	7.3	3.0	1.0	.1	.3								1116		1116
																		1116		1116	

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.	4460573	69003	61.8	13.193	1116							
Dry Bulb	3582424	62756	56.2	6.925	1116			7.3	2.3	.3		93
Wet Bulb	2745417	55069	49.3	5.015	1116							93
Dew Point	2071523	47667	42.7	5.647	1116		3.5					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
90/ 89														.1				1	1		
88/ 87										.1		.2	.1	.2				6	6		
86/ 85												.1	.1	.1				3	3		
84/ 83										.1	.2	.3	.1					7	7		
82/ 81									.1	.1	.2	.2	.1					7	7		
80/ 79									.1	.2	.5	.1						10	10		
78/ 77							.1		.8	.4	.3							18	18		
76/ 75							.2	.3	.7	.0								20	20		
74/ 73						.2	.2	.2	.8	.3	.1							25	25		
72/ 71						.4	.6	1.0	1.5									39	39		
70/ 69			.1		.1	1.0	1.1	1.6	1.0	.1								55	55	1	
68/ 67				.1	.2	.9	1.2	2.0	.2	.1								51	51	2	
66/ 65			.1	.2	.4	2.6	3.2	1.6	.3									93	93	8	
64/ 63			.1	.5	1.2	3.4	2.2	1.2	.4									100	100	12	1
62/ 61		.1	.1	.8	1.8	2.8	2.2	.4	.3									94	94	33	
60/ 59			.4	1.5	2.3	3.6	2.2	.4										117	117	58	6
58/ 57		.3	1.0	1.2	1.9	3.0	2.0	.2										106	106	80	2
56/ 55		.4	1.8	1.0	3.5	3.0	.9											118	118	134	13
54/ 53		.8	1.3	2.2	2.8	1.3	.2											96	96	147	40
52/ 51		1.0	1.3	1.7	1.5	1.1												73	73	146	54
50/ 49		.2	.5	1.3	.8	.3												34	34	146	89
48/ 47		.3	.9	.9	.2													25	25	149	122
46/ 45		.4	.4	.4	.1													14	14	98	110
44/ 43			.2	.2														4	4	67	134
42/ 41																				24	142
40/ 39																				9	124
38/ 37																				2	103
36/ 35																					68
34/ 33																					48
32/ 31																					32
30/ 29																					16
28/ 27																					10
26/ 25																					2

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		3.4	8.2	11.9	16.7	23.5	16.2	8.8	6.1	2.5	1.3	.8	.4	.4				1116	1116	1116	1116

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	3363341	59091	52.9	14.503	1116			20.2	8.1	2.4		93
Dry Bulb	4224929	68067	61.0	8.113	1116			.3				93
Wet Bulb	2991176	57474	51.5	5.295	1116							93
Dew Point	2079278	47678	42.7	6.164	1116		5.0					

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91																.1			1	1		
90/ 89											.1				.1	.3			5	5		
88/ 87										.2	.1			.1	.1				5	5		
86/ 85										.1	.1			.3	.3				8	8		
84/ 83											.2	.3		.3	.1				9	9		
82/ 81									.1		.4	.2							8	8		
80/ 79									.3	.6	.8	.2							23	23		
78/ 77							.1		.4	.5	.4	.2		.1					19	19		
76/ 75							.3	.2	.0	1.4	.4								32	32		
74/ 73						.1	.2	.6	.5	.9	.4								31	31		
72/ 71						.1	.5	1.0	1.1	.0	.1								38	38		
70/ 69					.1	.8	1.1	.8	1.3		.1								46	46	3	
68/ 67			.1		.2	.5	2.2	2.9	1.1	.2									79	79	2	
66/ 65			.2	.1	1.3	1.7	3.5	2.7	1.6	.1									124	124	5	
64/ 63		.1		.3	1.0	1.8	2.8	1.2	.3										82	82	15	
62/ 61		.1		.9	.8	1.6	3.2	1.5	.2										93	93	45	
60/ 59		.2	.4	1.2	1.3	3.4	2.2	.8	.4										109	109	63	7
58/ 57		.2	.9	.8	1.8	3.8	1.5	.4											105	105	81	8
56/ 55		.4	1.5	1.8	3.1	1.4	1.2	.2											108	108	124	9
54/ 53	.1	1.0	1.5	1.0	1.3	.5	.4												65	65	158	36
52/ 51	.2	.6	.6	1.1	1.3	.7													51	51	149	55
50/ 49		.5	.5	.9	1.0		.1												34	34	168	79
48/ 47		.5	.7	.7	.1	.1													24	24	127	86
46/ 45			.3	.4															8	8	81	100
44/ 43		.1	.3	.4															8	8	57	142
42/ 41			.1																1	1	27	126
40/ 39																					8	138
38/ 37																					3	93
36/ 35																						94
34/ 33																						52
32/ 31																						39
30/ 29																						19
28/ 27																						13
26/ 25																						5

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAS STATION NAME | 39-40,01-70 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
24/ 23																					3
22/ 21																					2
20/ 19																					2
TOTAL	.3	3.8	7.1	9.5	13.3	10.6	19.2	12.3	7.0	4.8	3.0	.8	.7	.5	.4				1116		1116
																		1116		1116	

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	3668570	55602	49.9	16.193	1116							
Dry Bulb	4426234	69567	62.3	8.665	1116			25.3	11.8	3.8		93
Wet Bulb	3030866	57852	51.8	5.348	1116			.4				93
Dew Point	2019210	46894	42.0	6.611	1116		6.9					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | MAY MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						1	1		
84/ 83												.2	.1					3	3		
82/ 81									.2		.1	.2	.1					6	6		
80/ 79										.2	.4	.2						9	8		
78/ 77									.1	.2	.1	.1						5	5		
76/ 75								.2	.4	.2								8	8		
74/ 73							.2	.2	.3	.4	.2							17	17		
72/ 71					.1	.3	.4	.4	.8	.4								27	27		
70/ 69				.1		.3	.3	.9	.5	.2								27	27		
68/ 67					.2	.7	.9	1.5	.4	.2								44	44		
66/ 65				.2	.4	.9	1.9	.8	.9									57	57	2	
64/ 63				.6	1.1	2.0	2.2	1.3	.1									81	81	5	
62/ 61			.3	.8	2.0	2.3	1.7	.6	.2									88	88	16	
60/ 59		.2	.9	2.2	1.4	2.4	1.3	.5										101	101	30	2
58/ 57		.3	1.5	2.2	3.2	2.6	1.3	.3	.1									125	125	58	2
56/ 55	.2	.9	1.7	2.8	3.5	2.0	1.0	.3										137	137	89	13
54/ 53		.9	1.2	2.5	2.7	1.0	.2	.1										95	95	147	30
52/ 51	.2	1.8	2.1	3.0	1.7	.7	.3											108	108	159	55
50/ 49	.3	1.5	1.4	2.2	1.0	.2												73	73	179	94
48/ 47	.1	.6	1.5	1.7	.4	.1												49	49	143	93
46/ 45		.6	1.3	.7														29	29	122	120
44/ 43	.1	.3	.8	.4														17	17	86	144
42/ 41			.4															5	5	55	137
40/ 39			.2															2	2	19	123
38/ 37																				4	89
36/ 35																				1	87
34/ 33																					54
32/ 31																					36
30/ 29																					18
28/ 27																					7
26/ 25																					4
24/ 23																					4
22/ 21																					1
20/ 19																					2

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

USAFETAC ORM 0-205 (OL-A) JL-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 YEARS | MAY MONTH

PAGE 2 | 1900-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15	16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
16/ 15 TOTAL	.6	7.1	13.1	19.4	17.7	15.4	11.8	7.1	4.2	1.7	.7	.7	.2						1116		1116
																		1116		1116	

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.	408821	64932	58.2	16,682	1116							
Dry Bulb	381631	64699	58.0	7,062	1116			12.6	4.0	.9		93
Wet Bulb	2814267	55761	50.0	5,386	1116							93
Dew Point	2033752	47112	42.2	6,340	1116		6.1					93

USAFETAC FORM 0-26 5 (O-A) 10-54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,61-70 (YEARS) MAY (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75									.1									1	1		
72/ 71								.2										2	2		
70/ 69						.1	.2	.5										8	8		
68/ 67						.3	.4	.1										8	8		
66/ 65					.1	.4	.2											7	7		
64/ 63				.1	.3	.4												8	8		
62/ 61			.2	.4	.6	1.2		.2										26	26		
60/ 59		.2	.7	1.3	1.7	.8	.2											49	49	6	
58/ 57		.3	1.9	2.1	1.9	.5												70	70	14	2
56/ 55		1.5	2.5	3.4	2.0	.7												104	104	43	3
54/ 53		2.6	3.6	4.4	1.9	.3												133	133	63	15
52/ 51	.1	2.9	4.1	4.2	1.6	.3												135	135	112	55
50/ 49	.3	2.3	5.5	4.2	1.4	.1												141	141	147	77
48/ 47	.6	3.7	4.1	2.4	.5													116	116	151	97
46/ 45	.6	2.3	3.9	1.2	.1													80	80	168	120
44/ 43	.3	1.9	2.4	.7														55	55	130	156
42/ 41	.3	1.9	1.6	.3														42	42	87	124
40/ 39		1.9	.8															28	28	52	123
38/ 37		.7	.1															8	8	36	91
36/ 35		.4	.1															5	5	11	80
34/ 33		.1																1	1	6	46
32/ 31																				1	19
30/ 29																					14
28/ 27																					3
TOTAL	2.1	22.9	31.4	24.6	12.0	5.0	1.0	1.0	.1									1027		1027	
																		1027		1027	

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.	5659076	75032	73.1	13.145	1027							
Dry Bulb	2730034	52574	51.2	6.140	1027			1.7	.1			93
Wet Bulb	2274920	48070	46.8	4.931	1027		.1					93
Dew Point	1878850	43562	42.4	5.505	1027		3.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-68 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71				.1			.1											2	2		
70/ 69						.1												1	1		
68/ 67					.1	.1												2	2		
66/ 65					.1	.2	.3											6	6	1	
64/ 63				.3	.5	.2												10	10		
62/ 61			.9	.8	.6	.3												22	22	2	1
60/ 59		.5	2.0	2.3	.6	.2												56	56	3	
58/ 57		2.1	3.3	2.0	.9	.3												86	86	24	1
56/ 55	.1	2.6	5.0	3.7	1.3	.2												134	134	62	21
54/ 53		5.8	6.6	3.5	.4													161	161	104	55
52/ 51	.2	6.1	6.9	2.4														154	154	168	85
50/ 49	.2	6.6	8.8	.6														130	160	162	145
48/ 47	.4	8.5	3.3	.2														103	103	219	142
46/ 45	.1	4.4	1.3	.1														59	59	168	185
44/ 43	.1	1.6	.4															21	21	67	170
42/ 41	.4	.2																6	6	24	110
40/ 39	.2	.2																4	4	7	54
38/ 37	.2																	2	2	3	12
36/ 35																					7
TOTAL	1.9	36.6	38.7	16.2	4.6	1.6	.4											980	999	989	989

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	< 67 F	< 73 F	< 80 F	< 93 F	
Rel Hum	7,440009	79153	80,0	10,315	989							
Dry Bulb	2745146	51896	52,5	4,718	989							90
Wet Bulb	2406311	48633	49,2	3,875	989							90
Dew Point	2133608	45752	46,3	4,15d	989							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 39-40,60-70 YEARS — JUN MONTH

PAGE 1 — 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17	18	19-20	21-22	23-24	25-26	27	28	29-30	≥31	TOTAL D.B	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.4	.2	.1														7		7		
62/ 61		.3		.1	.2	.1														7		7		
60/ 59		.2	1.6	.4	.2															25		25	3	
58/ 57		1.8	2.3	1.0																53		53	9	3
56/ 55		3.7	3.3	1.9		.1														95		95	49	11
54/ 53	.5	5.3	6.0	2.8	.6															161		161	76	56
52/ 51	.5	8.8	6.1	2.4																186		186	139	72
50/ 49	.9	7.6	8.9	.0																190		190	184	128
48/ 47	.5	7.8	4.6	.2																137		138	201	164
46/ 45	.5	7.2	1.3																	95		95	201	160
44/ 43	.6	4.1	1.0																	59		59	103	212
42/ 41	.5	1.2	.1																	19		19	60	126
40/ 39	.1	.6																		7		7	11	75
38/ 37	.2	.2																		4		4	9	26
36/ 35	.4																			4		4	4	13
34/ 33																								1
TOTAL	4.5	69.1	35.2	9.6	1.3	.3															1050			1049
																				1049		1049		

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	741161	87681	83.6	8.867	1049							90
Dry Bulb	2705963	33097	50.6	4.466	1050							90
Wet Bulb	2431838	50334	48.0	3.988	1049							90
Dew Point	2203320	47868	45.6	4.259	1049							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 6	7 - 8	9 - 10	11 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73						.1	.1	.2										4	4		
72/ 71						.3	.1		.1									5	5		
70/ 69					.1	.3	.2	.1										8	8		
68/ 67					.7	.5	.3	.1										19	19		
66/ 65				.6	.9	.7	.2											30	30		
64/ 63			.1	.6	1.5	1.0												38	38	1	
62/ 61		.3	.9	2.1	2.6	.1	.1											71	71	10	
60/ 59		.7	2.4	3.3	2.6	.1												106	106	29	
58/ 57		2.5	3.4	4.7	1.1	.1												138	138	62	10
56/ 55		2.6	7.0	4.5	1.5													190	190	130	46
54/ 53	.3	4.5	7.1	5.2	1.0													212	213	169	97
52/ 51	.1	4.7	8.5	2.4														181	181	231	113
50/ 49	.2	3.3	4.5	.7														101	102	216	198
48/ 47		1.0	2.4	.1	.1													42	42	197	194
46/ 45		1.0	.4															17	17	85	196
44/ 43		.3																4	4	29	172
42/ 41	.1																	1	1	8	91
40/ 39	.1																	1	1	1	39
38/ 37																					11
32/ 31																					1
TOTAL	.8	20.9	37.2	24.4	12.2	3.2	.9	.3	.1									1108	1170	1168	1168

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6716489	87657	75.0	10.872	1168							
Dry Bulb	3623182	64842	55.4	5.032	1170			2.8	.3			90
Wet Bulb	3065411	59665	51.1	3.677	1168							90
Dew Point	2630526	55312	47.4	4.167	1168		.1					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION — FORT LEWIS WASHINGTON/GRAY AAF STATION NAME — 39-40,60-70 YEARS — JUN MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp (°F)	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TC DB	TOTAL Dry Bulb	Wet Bulb	Dew Point
86/ 85												.1						1	1		
84/ 83												.1						1	1		
82/ 81									.3	.1	.1							5	5		
80/ 79								.1	.5	.3	.2							12	12		
78/ 77							.3	.3	.4	.2	.1							14	14		
76/ 75							.3	.3	.5	.2	.1							24	24		
74/ 73						.6	.9	.9	.7									36	36		
72/ 71					.3	.4	1.2	1.1	.4									40	40		
70/ 69					.9	1.4	1.9	.9	.1									59	59		
68/ 67				.1	1.1	2.1	2.5	.6										74	74		
66/ 65				.9	2.1	2.4	1.1	.2										78	78	11	
64/ 63			.3	1.8	3.1	3.9	.8											115	115	29	
62/ 61			1.3	3.1	3.6	2.2	.6											126	126	52	
60/ 59		.8	3.3	3.6	5.6	2.0	.5											184	184	89	5
58/ 57		.5	3.1	5.2	4.6	1.2	.1											172	172	169	26
56/ 55		.7	3.3	4.5	2.6	.3												132	132	191	77
54/ 53		.7	2.1	1.3	.5													54	54	201	100
52/ 51		.8	1.0	.5														27	28	195	134
50/ 49		.3	.4	.2														10	10	155	190
48/ 47		.3	.1															4	4	59	194
46/ 45		.1																1	1	18	190
44/ 43																					128
42/ 41																					70
40/ 39																					30
38/ 37																					12
36/ 35																					6
34/ 33																					1
TOTAL		4.0	14.5	21.1	24.3	16.4	10.3	4.6	2.9	.7	.4	.2						1169	1170		1169
																		1169		1169	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs
Rel Hum	4665660	72258	61.8	13.061	1169
Dry Bulb	4536075	72453	61.9	6.499	1170
Wet Bulb	3463942	63450	54.3	4.144	1169
Dew Point	2722517	56165	48.0	4.538	1169

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 92 F	Total
Rel Hum							90
Dry Bulb			20.5	7.2	1.1		90
Wet Bulb							90
Dew Point							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93															.1			1	1		
92/ 91															.1			1	1		
90/ 89												.1	.1		.1			3	3		
88/ 87												.3	.2					5	5		
86/ 85									.1	.2	.5	.4						14	14		
84/ 83									.2	.5	.3	.3	.1					16	16		
82/ 81								.2	.3	.3	.7	.6	.1					25	25		
80/ 79							.1	.3	.6	.6	.8	.4	.1					34	34		
78/ 77							.4	.5	1.3	.7	.7	.1						43	43		
76/ 75						.3	.7	1.2	1.0	1.0	.1	.2						60	60		
74/ 73						.7	1.4	2.6	1.9	.3								79	79		
72/ 71				.2	.3	.8	2.1	1.9	.6									67	67		
70/ 69					.7	1.3	2.5	2.2	.2									80	80	2	
68/ 67			.2	.2	.9	2.1	3.3	2.0	.2									104	105	15	
66/ 65			.3	.6	1.9	4.2	3.3	.6	.1									129	129	38	
64/ 63			.8	1.5	2.1	2.8	2.8	.5	.1									123	123	54	2
62/ 61	.1	.5	2.0	3.1	3.3	.9	.3											120	120	92	6
60/ 59	.6	1.1	1.6	4.2	2.1	.3	.1											118	118	156	15
58/ 57	.3	2.3	1.6	2.0	.4	.1												79	79	184	46
56/ 55	.4	1.0	.6	.3	.1													29	29	198	74
54/ 53	.5	.9	.4															21	21	180	95
52/ 51	.1	.7	.2															11	11	153	138
50/ 49	.1	.2	.1															4	4	67	164
48/ 47	.3																	3	3	25	174
46/ 45																				5	157
44/ 43																					153
42/ 41																					74
40/ 39																					44
38/ 37																					12
36/ 35																					7
34/ 33																					0
TOTAL	2.4	8.0	8.9	15.4	18.2	18.0	12.4	6.4	4.2	3.1	2.3	.5		.3				1170		1169	
																	1169		1169		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs
Rel. Hum.	3563456	62224	53.2	14.670	1169
Dry Bulb	5286697	78119	66.8	7.783	1170
Wet Bulb	3730364	65832	56.3	4.442	1169
Dew Point	2738859	56265	48.1	5.133	1169

Mean No. of Hours with Temperature

Element	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			41.0	21.6	6.6	.1	90
Wet Bulb			1.3				90
Dew Point							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
94/ 93															.1			1	1		
92/ 91												.1	.2	.3	.2			8	8		
90/ 89											.1	.2		.1				4	4		
88/ 87										.2	.2	.7	.3					15	15		
86/ 85											.4	.6	.3					15	15		
84/ 83									.2	.2	1.0	.9	.4	.1				32	32		
82/ 81								.3	.8	.9	1.0	1.1	.7	.1				58	58		
80/ 79							.3	.3	.4	.3	.9	.4	.2					32	32		
78/ 77						.3	.3	1.0	1.0	1.4	.8	.3						59	59		
76/ 75							.7	1.5	1.9	2.1	.3	.2						78	78		
74/ 73						.5	.4	1.6	2.1	1.0	.1							68	68		
72/ 71					.2	.9	1.3	2.1	1.4	.2								70	70		
70/ 69			.1	.2	.8	1.3	1.7	3.0	.8	.3								94	94	8	
68/ 67			.1	.3	1.4	2.0	2.4	2.2	.3	.1								102	102	20	
66/ 65			.1	.5	1.7	3.1	2.8	.9	.3									109	109	44	1
64/ 63			.1	.5	1.7	3.3	3.8	.0	.1									119	119	79	2
62/ 61		.2	.9	2.2	1.6	2.0	1.2	.3										98	98	99	5
60/ 59	.1	.7	.7	1.4	2.0	1.3	.1											72	72	144	24
58/ 57		.8	1.8	.9	.9	.2												53	53	189	40
56/ 55		1.4	1.5	1.3	.5													54	54	216	65
54/ 53		.3	.9	.1														14	14	172	104
52/ 51		.1	.8															10	10	120	137
50/ 49		.1	.1															2	2	63	137
48/ 47			.2															2	2	12	148
46/ 45		.1																1	1	2	155
44/ 43																				2	162
42/ 41																					99
40/ 39																					40
38/ 37																					19
36/ 35																					10
34/ 33																					10
32/ 31																					3
28/ 27																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUN (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B	Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	3.5	7.1	7.3	10.8	14.7	15.0	13.8	9.2	6.6	4.8	4.4	2.0	.5	.3			1170	1170	1170	1170

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	3300736	58984	50.4	16.729	1170							
Dry Bulb	5577741	80155	68.5	8.599	1170			48.9	26.5	11.3	.1	90
Wet Bulb	3809797	66553	56.9	4.538	1170			2.2				90
Dew Point	2708096	55912	47.8	5.563	1170		.3					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27	28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
92/ 91														.1					1	1		
90/ 89											.1		.2	.1					4	4		
88/ 87												.1	.1						2	2		
86/ 85									.1		.3		.2	.1					8	8		
84/ 83										.1	.4	.1	.2	.1					10	10		
82/ 81									.2	.9	.5	.2	.1	.1					23	23		
80/ 79								.3	.4	1.0	.3	.5							31	31		
78/ 77						.1	.2	.6	.7	.7	.4	.3	.1						36	36		
76/ 75						.1	.9	1.5	1.4	1.2	.3								63	63		
74/ 73					.1	.3	.9	2.0	.9	.9	.3	.1							62	62		
72/ 71				.1	.3	.6	.4	1.5	1.0	.1	.1								48	48		
70/ 69				.1	.4	1.3	1.8	2.2	1.2	.3									69	85	2	
68/ 67			.2	.2	.9	1.5	1.8	1.6	.3	.2									79	79	5	
66/ 65			.2	.5	1.6	1.9	1.6	.6	.2										77	77	27	
64/ 63		.1	.3	2.2	2.1	2.7	1.8	.4											113	113	46	2
62/ 61		.2	.6	1.6	2.7	3.6	1.1	.1											119	118	90	7
60/ 59		.6	1.0	2.9	3.9	1.4	.6												122	122	114	9
58/ 57		1.2	1.7	2.2	2.5	.8	.1												99	99	151	26
56/ 55	.3	2.8	2.5	2.1	1.5	.3													111	111	189	77
54/ 53		1.4	1.1	.5	.2														37	37	217	11
52/ 51		.7	1.0	.5															26	26	174	145
50/ 49		.3	.3																8	8	94	149
48/ 47		.3																	3	3	46	163
46/ 45		.3																	3	3	11	172
44/ 43																					1	118
42/ 41																						106
40/ 39																						42
38/ 37																						26
36/ 35																						15
34/ 33																						7
32/ 31																						3
30/ 29																						1
28/ 27																						1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUN MONTH

PAGE 2 | 1800-2000 HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 2	3 - 4	5 6	7 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21	22	23	24	25	26	27 - 28	29	30	≥ 31						
TOTAL	.3	7.8	9.2	13.0	16.3	14.5	11.3	10.7	0.3	5.3	7.7	1.3		.8		.4								1167	1169	1169	1169

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	4106070	66236	56.7	17.387	1169							
Dry Bulb	4998210	75834	64.9	8.214	1169			34.8	18.5	5.1		90
Wet Bulb	3606747	64721	55.4	4.486	1169			.5				90
Dew Point	2696313	55791	47.7	5.369	1169		.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40, 60-70 YEARS | JUN MONTH

 2100-2300 HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 2	3 4	5 6	7 8	9 10	11 12	13 14	15 16	17 18	19 20	21 22	23 24	25 26	27 28	29 30	≥ 31	TOTAL D.B W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77						.1		.1	.1									3	3		
76/ 75					.1			.1	.	.1								5	5		
74/ 73							.2	.2	.1									5	5		
72/ 71				.1		.2	.8	.3										14	14		
70/ 69					.2	.5	.9	.5		.1								22	22	1	
68/ 67			.1		.5	.9	.8	.4										27	27	1	
66/ 65			.1	.6	1.0	2.0	.8	.2										49	49	1	1
64/ 63			.4	1.4	1.7	1.8	.7											63	63	2	1
62/ 61		.4	1.2	1.8	2.2	1.8	.6											84	84	15	2
60/ 59		.7	2.5	3.5	3.4	1.0	.1											118	118	41	1
58/ 57	.1	1.1	2.7	5.2	3.5	.5	.2											140	140	85	18
56/ 55	.3	2.3	4.4	5.0	2.0													146	146	121	26
54/ 53	.3	4.8	5.2	5.3	.7													171	171	173	95
52/ 51		3.9	4.4	1.3	.2													103	103	220	121
50/ 49	.3	2.7	3.1	.3	.1													68	68	190	150
48/ 47		.9	1.0	.1														20	20	128	174
46/ 45		.8	.3															11	11	54	191
44/ 43																				16	154
42/ 41																				1	5
40/ 39																					24
38/ 37																					7
36/ 35																					0
34/ 33																					1
TOTAL	1.0	17.4	25.4	24.7	15.6	8.8	4.9	1.7	.4	.2									1049		1049
																		1049		1049	

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	5465440	74348	70,9	13,676	1049							
Dry Bulb	3488380	60190	57.4	5,760	1049			6.5	1.1			90
Wet Bulb	2853139	54553	52.0	3,922	1049			.2				90
Dew Point	2303767	49793	47.5	4,394	1049							90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

3

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-68 YEARS | Jul MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71					.1		.1											2	2		
70/ 69				.2	.3	.1												4	6		
68/ 67				.5	.7	.1												13	13		
66/ 65			.1	.5	.9	.3												19	19	1	
64/ 63			1.0	1.3	.8	.5												34	34	4	
62/ 61		1.4	2.9	2.5	1.7	.4												89	89	13	2
60/ 59		3.3	4.1	2.7	1.4	.6												119	119	41	7
58/ 57	.1	4.4	5.5	4.2	1.5	.1												165	165	100	51
56/ 55	.4	5.8	6.1	4.9	1.3													189	186	128	66
54/ 53	.4	5.2	7.3	3.0	.4													166	158	181	130
52/ 51		3.8	5.7	2.0	.2													115	117	180	133
50/ 49	.1	1.9	1.5	.7														42	43	173	156
48/ 47		1.5	.5	.1														21	21	104	137
46/ 45	.2	.4																6	6	41	144
44/ 43		.0																0	0	14	77
42/ 41																				4	55
40/ 39																					17
38/ 37																					4
36/ 35																					1
TOTAL	1.2	28.3	33.0	23.3	9.2	2.1	.1											954	994	984	984

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs.
Rel. Hum.	6075836	76620	77.9	10.547	984
Dry Bulb	3160814	55378	56.2	4.445	984
Wet Bulb	2713277	51525	52.4	3.963	984
Dew Point	2400823	48389	49.2	4.050	984

Mean No. of Hours with Temperature							
	≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			2.0				93
Dry Bulb							93
Wet Bulb							93
Dew Point							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS MCCHORD/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
68/ 67			.1															2		2		
66/ 63			.5	.2														7		7		
64/ 63			.5	.5	.1													11		11	2	
62/ 61		.2	.4	.7	.1													17		17	7	
60/ 59		3.3	2.0	1.4	.5	.1												77		77	14	7
58/ 57	.3	4.3	3.1	2.5	.4	.2												130		139	53	33
56/ 55	.3	7.8	5.5	2.2	.4													178		183	88	56
54/ 53	.5	9.9	6.5	3.0	.3													212		213	191	95
52/ 51	.8	9.7	4.9	3.1														174		175	200	162
50/ 49	.2	3.6	3.3	1.0														119		118	191	174
48/ 47	.2	3.6	1.1	.7														61		61	142	136
46/ 45	.7	2.3	.2	.2														35		35	117	158
44/ 43	.3	.8	.1															12		12	39	92
42/ 41	.1	.1																8		8	14	84
40/ 39																					3	39
38/ 37																						6
36/ 35																						1
TOTAL	3.2	94.3	34.3	20.1	1.7	.3												1051		1038		1051
																			1051		1051	

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	7757060	86722	82.5	9.636	1051							
Dry Bulb	3056938	56700	53.6	4.160	1038			.2				93
Wet Bulb	2719456	53296	50.7	4.003	1051							93
Dew Point	2467403	50085	48.2	4.690	1051							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77					.1	.1	.1											3	3		
76/ 75							.2											2	2		
74/ 73					.2	.3	.1		.1									7	7		
72/ 71				.1		.3	.1	.3										8	8		
70/ 69				.2	.8	.6	.1											23	20	1	
68/ 67				.2	1.0	.6	.1	.1										23	23	2	
66/ 65				1.2	1.5	.8	.2											44	44	4	1
64/ 63			1.2	1.8	2.0	.5	.2											64	67	9	2
62/ 61		.4	2.3	3.3	2.1	.6												103	103	26	4
60/ 59		1.0	4.6	5.6	2.3	.4												171	171	57	11
58/ 57	.2	2.0	7.1	4.0	1.4	.1												195	196	113	42
56/ 55	.7	6.1	7.6	5.3	1.4													250	251	201	99
54/ 53	.4	3.7	6.4	2.8	.3													162	162	252	156
52/ 51	.2	1.4	3.0	1.9														94	94	224	193
50/ 49		1.2	1.1	.5														33	33	172	195
48/ 47		.3	.3															6	6	94	195
46/ 45	.1	.1																3	2	20	136
44/ 43																				4	78
42/ 41																					49
40/ 39																					15
38/ 37																					2
36/ 35																					1
TOTAL	1.5	17.5	35.0	27.3	13.1	4.2	.9	.3	.1									1179	1182	1179	1179

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.	676158	88464	75.0	11.051	1179							
Dry Bulb	397161	68281	57.8	4.600	1182			5.0	.9			93
Wet Bulb	335993	62781	53.2	3.787	1179			.2				93
Dew Point	292467	58495	49.6	4.368	1179							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

74201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

PART 1 | 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B, W B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87										.1								1	1		
86/ 85								.1	.1		.2							5	5		
84/ 83									.2	.1	.2	.2						7	7		
82/ 81							.2	.3	.3	.3	.2							15	15		
80/ 79							.1	.3	.3	.4			.1					20	20		
78/ 77					.1		.2	1.3	.3	.2								24	24		
76/ 75						.3	1.2	1.2	.5	.2								39	39		
74/ 73				.1		1.1	1.9	1.4	.3									56	56		
72/ 71					.5	2.6	2.6	1.3	.2									85	85	2	
70/ 69			.1	.2	1.4	1.6	2.9	1.0	.2									86	86	6	
68/ 67			.2	1.2	1.9	4.7	2.2	.4										125	125	8	
66/ 65			.1	1.4	3.4	4.8	1.8	.2										138	138	28	2
64/ 63			.5	2.3	5.6	3.6	1.0											153	153	66	6
62/ 61			2.1	4.4	4.7	2.0	.1											157	157	122	5
60/ 59		.8	2.4	3.2	3.4	.8												126	126	140	18
58/ 57		.8	2.5	2.5	1.4	.3												87	87	226	80
56/ 55		.5	1.4	.8	.5													38	38	252	135
54/ 53	.1	.2	.8	.1														13	13	184	157
52/ 51		.2	.4															7	7	109	134
50/ 49																				37	212
48/ 47																				4	166
46/ 45																					112
44/ 43																					71
42/ 41																					21
40/ 39																					5
38/ 37																					1
TOTAL	.1	2.5	10.4	19.1	22.8	21.7	14.1	7.3	3.0	1.3	.5	.2	.1					1182	1182		1182
																		1182		1182	

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.	4429436	70892	60.0	12.264	1182							
Dry Bulb	5112171	77367	65.5	6.386	1182			36.4	13.1	2.8		93
Wet Bulb	3654977	67329	57.0	3.980	1182			1.3				93
Dew Point	3049264	59808	50.6	4.417	1182							93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 59-40,60-70 YEARS | JUL MONTH

PAGE 1 | 1200-1400 HOURS L. S. T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
96/ 95												.1						1	1		
94/ 93										.1	.2							3	3		
92/ 91											.1		.3	.1	.2			7	7		
90/ 89										.2	.3	.4	.1					11	11		
88/ 87										.2	.6	.3	.5					19	19		
86/ 85									.1	.7	1.0	.4	.1					27	27		
84/ 83									.3	1.4	.8	.2						32	32		
82/ 81								.1	1.4	1.4	.6	.1						41	41		
80/ 79						.2		.9	2.3	1.4	.2							59	59		
78/ 77						.1	.3	3.9	4.0	1.2	.3							92	92		
76/ 75					.1	.4	2.2	2.9	2.6	.6	.3							107	107	1	
74/ 73					.1	.6	2.1	3.4	1.6	.5								102	102	4	
72/ 71					.3	1.7	3.2	3.3	1.0	.2								114	114	2	
70/ 69				.1	.8	2.3	5.2	1.9	.2									125	125	12	
68/ 67			.2	.3	1.1	3.7	3.5	.7										112	112	43	1
66/ 65			.2	.7	1.9	3.4	2.3	.3										104	104	74	5
64/ 63			.4	2.4	2.0	2.4	.6											94	94	148	4
62/ 61		.4	.7	1.4	2.3	1.2												71	71	158	9
60/ 59		.3	.9	1.0	1.0	.3												41	41	209	26
58/ 57		.2	.2	.9														8	8	252	81
56/ 55		.1	.3															4	4	149	144
54/ 53			.0															7	7	94	147
52/ 51			.1															1	1	29	219
50/ 49																				7	209
48/ 47																					144
46/ 45																					106
44/ 43																					42
42/ 41																					25
40/ 39																					7
38/ 37																					1
TOTAL		.9	3.3	6.3	9.6	16.3	19.5	15.5	13.6	7.9	4.2	1.5	.9	.1	.2			1182	1182	1182	1182

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.	3134321	59033	49.9	12.550	1182							
Dry Bulb	6100177	84495	71.5	7.496	1182			57.0	19.4	13.8	.3	93
Wet Bulb	4199756	70288	59.5	4.121	1182			4.9	.4			65
Dew Point	3093189	60233	51.0	4.489	1182			.1				95

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97													.2					2	2		
96/ 95													.1		.1			2	2		
94/ 93																					
92/ 91											.1	.2	.2	.1	.2			8	8		
90/ 89										.1		.1	.9	.3	.3	.1		22	22		
88/ 87											.4	.5	.4	.7				24	24		
86/ 85										.2	1.0	.5	.3					24	25		
84/ 83									.1	1.4	2.1	.4	.2					50	50		
82/ 81									.1	.8	1.1	.5	.1	.1				32	32		
80/ 79							.2	.3	1.8	1.7	1.6	.5	.1	.1				73	73		
78/ 77						.1		.8	2.2	3.5	1.3	.4						97	97		
76/ 75						.1	.6	1.0	3.0	1.9	.8	.3						97	97		
74/ 73				.2		.3	1.1	2.7	2.0	1.9	.5	.1						110	110		
72/ 71				.1	.1	.6	1.8	3.2	3.1	.7	.1							114	114	5	
70/ 69					.1	1.4	2.2	2.8	1.0									95	95	2	
68/ 67			.3	.1	.8	1.4	3.1	1.2	.8									87	97	20	
66/ 65			.1	.3	1.9	2.9	2.0	1.4	.1									101	101	61	2
64/ 63		.2	.4	1.4	2.0	3.1	.8	.1										75	75	110	5
62/ 61		.4	.9	.7	2.5	1.3	.5											74	74	129	2
60/ 59		.5	.4	.2	1.7	.3	.2											50	50	196	7
58/ 57	.1	.2	.4	.3	.6													20	20	194	38
56/ 55			.5	.1														11	11	243	88
54/ 53			.3															7	7	129	113
52/ 51																		3	3	66	147
50/ 49																				20	198
48/ 47																				3	179
46/ 45																					136
44/ 43																					100
42/ 41																					67
40/ 39																					39
38/ 37																					10
36/ 35																					13
34/ 33																					2
32/ 31																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/MCCHORD AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (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
TOTAL	.1	1.3	3.3	3.2	9.7	11.4	12.5	13.5	10.0	12.1	9.0	3.6	2.5	1.3	.6	.1		1178	1179	1178	1178

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.	2743179	54351	46.1	14.146	1178							
Dry Bulb	6499164	87004	73.8	8.175	1179			74.1	51.7	22.8	.9	93
Wet Bulb	4284293	70873	60.2	4.153	1178			6.9	.4			93
Dew Point	3035268	59506	50.5	4.994	1178		.1	.2				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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74201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
94/ 93												.1		.1				2	2		
92/ 91												.1				.1		2	2		
90/ 89										.1	.2	.2	.3	.2	.2			13	13		
88/ 87										.2	.3	.3	.3	.2				14	14		
86/ 85									.2	.2	.7	.3	.3					19	19		
84/ 83								.1	.6	.7	1.2	.4						35	35		
82/ 81								.4	1.0	.6	.8							33	33		
80/ 79							.3	.3	1.4	1.0	.6	.1		.1				44	44		
78/ 77						.2	.6	1.2	1.9	1.4	.6			.1				67	68		
76/ 75						.4	1.1	1.4	2.0	1.1	.1							72	72		
74/ 73					.3	.9	1.7	3.7	1.8	.5	.3	.1						107	107		
72/ 71				.3	.5	1.4	2.9	2.9	1.3		.1							109	109	3	
70/ 69			.1	.1	.9	1.9	3.7	2.0	.7	.2								113	113	10	
68/ 67		.1		.7	1.2	3.7	2.5	1.4	.1	.2								115	115	36	1
66/ 65			.3	1.2	3.1	3.1	2.5	.1	.1									121	121	62	
64/ 63			.5	2.0	4.0	2.3	.7	.2										114	114	102	4
62/ 61		.2	1.0	2.2	3.3	1.2	.2											94	95	136	12
60/ 59		.4	1.4	.8	1.1	.4												48	48	200	53
58/ 57	.3	.8	.3	1.0	.3													30	30	252	66
56/ 55		.1	1.2	.2														17	17	198	109
54/ 53		.1	.5															7	7	107	145
52/ 51			.1															1	1	63	176
50/ 49																				9	209
48/ 47																					160
46/ 45																					106
44/ 43																					74
42/ 41																					27
40/ 39																					16
38/ 37																					5
36/ 35																					3
34/ 33																					2
32/ 31																					1
30/ 29																					1
28/ 25																					2

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

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201	FORT LEWIS WASHINGTON/GRAY AAF	39-40,60-TO	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
22/ 21 TOTAL	.3	1.0	5.3	8.4	14.6	15.4	16.2	13.5	10.5	6.1	4.8	1.5	.9	.6	.2	.1			1179		1 1178
																		1178		1178	

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.	3430184	61196	51.9	14.606	1178							
Dry Bulb	5833465	82447	69.9	7.597	1179			58.8	32.3	11.0	.2	93
Wet Bulb	4067354	69050	58.6	4.112	1178			3.9				93
Dew Point	3015371	59283	50.3	5.210	1178		.6	.1				93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-40,60-70 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83								.1										1	1		
82/ 81												.1						1	1		
80/ 79							.1	.2		.1								4	4		
78/ 77							.2	.1	.1									4	4		
76/ 75						.3	.5	.7	.5									20	20		
74/ 73					.1	.7	.7	.5	.3									23	23		
72/ 71				.1	.7	.9	.8	.8										33	34		
70/ 69				.4	1.2	1.2	1.0	.6	.1									47	47	1	
68/ 67			.2	.7	2.1	1.9	.9	.3	.1									64	65	1	
66/ 65		.1	.5	1.5	2.7	1.7	1.0	.1										80	81	10	
64/ 63		.2	1.0	3.4	4.1	2.6	.4	.2										125	125	36	
62/ 61		.7	3.5	3.7	3.2	1.9	.5											142	142	57	8
60/ 59		2.1	4.4	6.3	5.5	1.0	.2											205	205	107	29
58/ 57		2.3	4.7	3.8	1.9	.1												134	134	169	57
56/ 55	.2	1.5	3.4	2.8	1.0													93	93	201	125
54/ 53		1.5	3.0	1.0		.1												60	61	203	136
52/ 51		.3	.6	.2														11	11	168	161
50/ 49		.2	.2															4	4	72	159
48/ 47																				23	151
46/ 45																				2	116
44/ 43																				1	71
42/ 41																					22
40/ 39																					7
38/ 37																					4
36/ 35																					3
34/ 33																					2
TOTAL	.2	8.8	21.3	23.9	22.5	12.4	6.1	3.4	1.0	.1		.1						1051	1055	1031	1051

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.	4963774	70928	67.5	12.988	1051							
Dry Bulb	4057406	65166	61.8	5.526	1055			17.5	4.7	.3		93
Wet Bulb	3232366	58140	55.3	3.838	1051			.2				93
Dew Point	2607076	52916	50.3	4.665	1051							93

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-68 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65			.2	.4														6	6		
64/ 63		.6	.6	.4														16	16		
62/ 61		1.3	1.2	.3	.2													28	28	9	1
60/ 59	.1	3.1	2.6	1.2	.1													66	66	30	15
58/ 57	.3	6.6	4.5	1.7	.1	.1												119	119	53	30
56/ 55	.2	8.5	3.6	2.2	.9													140	140	113	64
54/ 53	.6	9.8	4.1	1.8	.7													116	116	125	115
52/ 51	1.0	5.2	3.7	2.1	.2													110	110	107	117
50/ 49	.7	5.7	3.7	1.3														107	102	113	90
48/ 47	1.3	3.7	2.9	.6														76	76	128	106
46/ 45	.9	3.3	1.6	.1														53	53	89	106
44/ 43	.9	2.3	.2															31	31	66	74
42/ 41	.8	1.6	.3															24	24	41	63
40/ 39	.1	.2	.3															6	6	15	70
38/ 37		.4																4	4	4	28
36/ 35																				4	6
34/ 33																					10
32/ 31																					2
TOTAL	6.9	68.4	30.1	12.3	2.2	.1												897	897	897	897

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	< 32 F	< 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6425747	75369	84.0	10.187	897							90
Dry Bulb	2525182	47354	52.8	5.313	897							90
Wet Bulb	2284589	45035	50.2	5.127	897							90
Dew Point	2089205	42977	47.9	5.795	897		.2					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 59,60-70 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63		.1	.4	.3														8	8		
62/ 61		1.4	.3															16	16	2	2
60/ 59	.1	2.2	1.0	.2														39	39	23	4
58/ 57	.3	6.2	2.3	.4	.2	.1												93	93	33	30
56/ 55	.5	7.8	3.2	.5	.2													118	118	95	52
54/ 53	1.7	7.1	3.9	1.3	.3													136	136	126	115
52/ 51	.5	5.5	4.4	1.3		.1												113	113	101	97
50/ 49	1.7	6.7	3.3	.9														122	122	124	108
48/ 47	.9	5.1	2.2	.9														88	88	128	105
46/ 45	2.0	4.7	1.7	.5														85	85	108	109
44/ 43	1.3	3.3	1.3	.3														61	61	78	104
42/ 41	.9	1.9	.6															33	33	63	74
40/ 39	.7	2.1	.1															28	28	44	55
38/ 37	.1	.8																9	9	19	53
36/ 35		.5																5	5	6	29
34/ 33		.1																1	1	5	9
32/ 31		.1																1	1		8
30/ 29																				1	1
26/ 25																					1
TOTAL	10.8	55.8	25.6	6.7	.7	.2													956		956
																		956		956	

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.	7246317	82765	86.6	9.209	956							
Dry Bulb	2503364	48672	50.9	5.647	956		.1					90
Wet Bulb	2301220	46608	48.8	5.305	956		.1					90
Dew Point	2133789	44795	46.9	6.040	956		.9					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B W.B	Dry Bulb	Wet Bulb	Dew Point
66/ 65				.1	.2													3	3		
64/ 63		.1	.7	.4	.1													14	14		
62/ 61		.7	1.1	.4	.5		.1											30	30	1	
60/ 59	.2	2.2	3.3	.7														70	70	28	9
58/ 57	.2	5.3	4.1	1.1	.2													117	117	43	27
56/ 55	1.7	6.1	5.2	2.0	.7	.1	.1											171	171	136	60
54/ 53	1.7	5.2	5.1	1.4	.1													145	145	146	120
52/ 51	.9	6.3	4.9	1.5		.1												148	148	140	119
50/ 49	1.3	4.7	4.1	.5	.2													117	117	156	150
48/ 47	1.2	3.7	2.7	.4														86	86	138	131
46/ 45	.5	2.5	1.1	.2														46	46	99	125
44/ 43	1.0	3.9	.8	.1														80	80	75	90
42/ 41	.6	1.7	.4															28	28	50	80
40/ 39	.7	1.1	.2															21	21	30	58
38/ 37	.3	.7																11	11	21	38
36/ 35		.5	.1															6	6	3	23
34/ 33		.1																1	1	4	13
32/ 31		.1																1	1	2	6
30/ 29																				1	3
28/ 27																					2
26/ 25																					1
TOTAL	10.3	45.0	33.7	8.7	1.9	.2	.2											1075	1075		1075
																		1075		1075	

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.	7823384	91084	84.7	10.023	1075							
Dry Bulb	2945613	55943	52.0	5.654	1075		.1					90
Wet Bulb	2671532	53282	49.6	5.340	1075		.3					90
Dew Point	2452406	50954	47.4	5.888	1075		1.0					90

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

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39/60-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
80/ 79							.1											1	1		
78/ 77								.1		.2		.1						4	4		
76/ 75			.1			.2		.1	.1									5	5		
74/ 73						.1	.5	.2	.1									9	9		
72/ 71					.1	.3	.8	.1	.1									15	15	1	1
70/ 69				.2	.6	1.0	1.6	.3	.2									41	41		
68/ 67			.2	.7	1.7	1.7	.8	.2	.1									57	57	1	
66/ 65			.5	1.0	2.4	2.7	1.0	.1										83	83	2	
64/ 63		.7	1.2	3.0	2.0	1.8	.6											100	100	10	
62/ 61		1.0	2.0	4.4	3.5	1.7	.2	.1	.1									146	146	41	7
60/ 59		1.0	3.0	4.0	3.8	2.0	.2	.2										174	174	97	18
58/ 57	.2	2.5	5.2	3.3	2.7	.5		.3										159	158	166	45
56/ 55	.7	3.6	3.7	4.1	1.4	.2	.1											148	148	200	103
54/ 53	.1	2.0	2.8	1.0	.7	.2												73	73	203	140
52/ 51	.3	1.4	1.0	.6	.1													36	36	154	173
50/ 49		.5	.5	.4	.1													15	15	122	154
48/ 47	.2	.4	.1	.1	.3													9	9	47	124
46/ 45		.1		.1														2	2	21	120
44/ 43																				9	87
42/ 41																				1	42
40/ 39																				1	25
38/ 37																					12
36/ 35																					5
34/ 33																					2
32/ 31																					1
30/ 29																					1
28/ 27																					0
TOTAL	1.4	13.0	21.7	23.4	19.1	12.2	5.9	1.6	.7	.2		.1							1076		1076
																		1076		1076	

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.	5379898	74534	69.3	14.207	1076							
Dry Bulb	3916085	64661	60.1	5.314	1076			11.0	1.6			90
Wet Bulb	3178301	58319	54.2	4.026	1076			.2				90
Dew Point	2657192	53162	49.4	5.336	1076		.8	.1				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (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
88/ 87														.1				1	1		
86/ 85											.1		.2					3	3		
84/ 83									.1	.1	.2	.2		.1				7	7		
82/ 81								.2	.2	.2	.3	.1		.1				11	11		
80/ 79							.2	.1	.3	.7	.2		.1					17	17		
78/ 77			.1					.6	1.0	.5	.2							25	25		
76/ 75					.1	.3	.4	1.9	1.7	.6	.3							57	57		
74/ 73						.2	1.4	1.1	.5	.4	.3							41	41	1	1
72/ 71				.1	.1	2.2	1.9	2.0	.9	.1								80	80		
70/ 69				.5	1.4	2.2	2.0	1.9	.9									97	97	1	
68/ 67			.3	.6	2.9	2.9	1.7	.7										97	97	7	
66/ 65			.5	.9	2.8	3.2	2.4	1.3	.1		.1							122	122	8	
64/ 63		.8	1.1	2.3	3.1	3.5	2.1	.2	.1	.1								141	141	48	3
62/ 61		.7	1.6	3.5	3.3	2.8	1.3		.5									148	148	131	14
60/ 59		1.4	2.0	2.5	2.5	1.5	.3	.4										120	120	143	25
58/ 57		.5	1.4	1.5	1.2	.2	.3	.1										55	55	205	48
56/ 55	.1	.0	1.0	1.0	.1	.4												47	42	192	115
54/ 53		.3	.0															12	12	145	124
52/ 51				.1														1	1	131	153
50/ 49																				40	154
48/ 47																				9	119
46/ 45																				16	103
44/ 43																					86
42/ 41																					62
40/ 39																					35
38/ 37																					17
36/ 35																					9
34/ 33																					5
32/ 31																					1
30/ 29																					0
28/ 27																					3
26/ 25																					2
20/ 19																					2

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

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP MONTH

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

Temp (F)	Wet Bulb Temperature Depression (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31				
TOTAL	.1	4.0	10.1	13.0	17.5	19.4	14.0	10.6	6.2	2.7	1.6	.3	.3	.3				1077	1077	1077	1077

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.	3795716	61724	57.3	15.492	1077							
Dry Bulb	4701289	70827	65.8	6.557	1077			36.4	13.5	2.3		90
Wet Bulb	3456112	60850	56.5	4.103	1077			.8	.1			90
Dew Point	2649055	53017	49.2	6.037	1077		1.2	.1	.1			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	D B. W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91															.1			1	1		
90/ 89														.2				2	2		
88/ 87											.1		.2					3	3		
86/ 85										.2	.1	.1			.1			5	5		
84/ 83									.1	.3	.3	.4	.1	.1	.1			14	14		
82/ 81									.9	.5	.8	.6	.2					28	28		
80/ 79			.1	.1					.7	.7	.2	.1						21	21		
78/ 77			.1					.6	1.0	1.6	.2							38	38		
76/ 75						.4	.8	1.1	1.3	1.0	.7	.2						60	60	2	1
74/ 73					.1	.6	1.9	1.7	.6	1.0	.3	.2						71	71	1	1
72/ 71					.0	1.9	1.4	1.7	1.2	.4	.1							79	79		1
70/ 69			.2	.4	.8	1.6	2.3	1.8	.7	.1								85	85	1	
68/ 67			.1	.4	2.4	3.0	2.7	1.1	.6									117	117	6	
66/ 65		.3	.5	1.7	1.9	2.3	2.4	1.7	.9									126	120	23	1
64/ 63		.4	.6	1.9	2.0	1.9	2.1	.8	.2	.3	.1							118	118	77	3
62/ 61		.1	2.4	2.2	2.0	3.3	1.1	.1	.1	.2								131	131	103	12
60/ 59		1.2	2.4	2.2	1.9	1.4	.9	.5	.1									114	114	165	22
58/ 57		.6	1.6	.7	.3	.1	.1											39	39	169	61
56/ 55		.4	.3	.6	.1	.1												14	18	187	117
54/ 53		.0																6	6	144	107
52/ 51		.1																1	1	117	149
50/ 49																				33	145
48/ 47																				12	99
46/ 45																				12	95
44/ 43																					88
42/ 41																					74
40/ 39																					42
38/ 37																					22
36/ 35																					16
34/ 33																					11
32/ 31																					6
30/ 29																					2
28/ 27																					4
26/ 25																					2

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

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

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT [illegible] STATION NAME | 39,60-70 YEARS | SEP MONTH

PAGE 2 | 1500-1700 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					
24/ 23																						1
22/ 21																						3
20/ 19																						1
18/ 17																						1
[illegible]		3.7	6.4	10.4	13.4	17.3	15.9	11.4	9.4	6.2	2.9	1.5	.5	.3	.3				1077		1077	
																		1077		1077		

Element ()	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	3415319	59971	53,8	16,556	1077							
Dry Bulb	4[illegible]5997	72465	67,3	6,834	1077			43,8	20,3	5,5		90
Wet Bulb	3506305	61277	56,9	4,299	1077			,8	,3			90
Dew Point	2599291	52403	48,7	6,786	1077		1,7	,3	,2			90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,40-70 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85													.1					1	1		
84/ 83									.1									1	1		
82/ 81												.1						1	1		
80/ 79						.1		.2		.1		.1	.2					7	7		
78/ 77							.1	.1	.4	.0	.1							13	13		
76/ 75			.1			.1	.1	.2	.4		.1	.1						11	11		
74/ 73		.1			.1	.1	.7	.7	.1	.1	.2							22	22	1	
72/ 71					.3	1.0	.4	.7	.3	.3								33	33	1	1
70/ 69			.1	.3	.8	1.1	1.0	1.1	.2	.2								52	52	1	1
68/ 67				.9	1.4	1.4	1.8	.6	.2									67	67	1	
66/ 65		.2	.5	2.1	1.9	1.8	1.2	.7	.1									91	91	8	1
64/ 63		.4	2.1	2.8	3.2	2.0	1.6	.3	.1									133	133	15	1
62/ 61	.1	.5	3.5	3.0	1.8	2.0	1.4	.1										131	131	68	13
60/ 59	.1	2.0	3.0	4.2	3.3	1.4	.3		.2									164	164	115	25
58/ 57	.1	2.3	3.3	4.0	2.7	1.1	.1	.3										152	152	152	54
56/ 55		3.3	2.0	2.4	1.2	.2	.1	.2										101	101	205	121
54/ 53	.1	1.4	1.5	1.3	.7	.3	.1											57	57	166	124
52/ 51		.7	.9	.7														26	26	164	150
50/ 49	.1	.1	.3	.3	.2													10	10	100	112
48/ 47				.2														2	2	47	116
46/ 45																				16	109
44/ 43																				11	76
42/ 41																				4	62
40/ 39																					46
38/ 37																					24
36/ 35																					16
34/ 33																					7
32/ 31																					5
30/ 29																					2
28/ 25																					1
24/ 23																					3
22/ 21																					1
TOTAL	.5	10.9	16.2	22.2	17.5	12.6	8.7	5.1	2.1	1.2	.4	.3	.3					1075	1075		1075
																		1075		1075	

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.	4838648	69986	65.1	16.214	1075							
Dry Bulb	4127954	66306	61.7	5.964	1075			17.4	4.7	.6		90
Wet Bulb	3237069	58803	54.7	4.371	1075			.3	.1			90
Dew Point	2617361	52589	48.9	6.452	1075		1.2	.2				90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP 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
72/ 71							.1				.1							2	2		
70/ 69					.1	.1	.1			.1								4	4		
68/ 67			.2		.5		.3		.1									11	11		
66/ 65		.1	.0	.5	.6	.4		.1										25	25		
64/ 63		.7	.9	1.5	.9	.5	.1											45	45	5	1
62/ 61	.2	1.4	3.2	1.9	.8	.2	.2											76	76	23	12
60/ 59	.1	3.7	4.7	1.5	2.1	.9	.2											126	126	37	16
58/ 57	.1	6.0	6.7	3.1	1.9	.5												175	175	105	39
56/ 55	.1	5.2	5.2	3.6	2.2	.6												167	162	151	86
54/ 53	.3	4.3	3.7	3.6	.6	.1	.2											122	122	152	145
52/ 51	.2	4.0	2.6	1.3														77	77	136	116
50/ 49	.4	3.1	2.2	.7	.3													65	65	132	114
48/ 47		1.6	1.9	.3	.1													37	37	107	100
46/ 45	.1	.9	.6															16	16	59	115
44/ 43	.2	.4	.3															11	11	27	68
42/ 41			.3															3	3	14	64
40/ 39																				6	37
38/ 37																				1	25
36/ 35																					8
34/ 33																					7
32/ 31																					2
26/ 25																					2
TOTAL	1.8	31.3	33.4	17.9	10.4	3.4	1.3	.1	.1	.1	.1							957	957		957
																				957	

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.	5919078	74274	77.6	12.716	957							
Dry Bulb	3036532	53696	56.1	4.981	957			1.6				90
Wet Bulb	2626466	49942	52.2	4.596	957							90
Dew Point	2314040	46730	48.8	5.806	957		.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | SEP 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
72/ 71							.1				.1							2	2		
70/ 69					.1	.1	.1			.1								4	4		
68/ 67			.2		.5		.3		.1									11	11		
66/ 65		.1	.6	.5	.6	.4		.1										25	25		
64/ 63		.7	.9	1.5	.9	.5	.1											45	45	5	1
62/ 61	.2	1.4	3.4	1.9	.8	.2	.2											76	76	23	12
60/ 59	.1	3.7	4.7	1.5	2.1	.9	.2											126	126	37	16
58/ 57	.1	6.0	0.7	3.1	1.9	.5												175	175	105	39
56/ 55	.1	5.2	5.2	3.6	2.2	.6												169	162	151	86
54/ 53	.3	4.3	3.7	3.6	.6	.1	.2											122	122	152	145
52/ 51	.2	4.0	2.6	1.3														77	77	136	116
50/ 49	.4	3.1	2.2	.7	.3													65	65	132	114
48/ 47		1.6	1.9	.3	.1													37	37	107	100
46/ 45	.1	.9	.6															16	16	59	115
44/ 43	.2	.4	.3															11	11	27	68
42/ 41			.3															3	3	14	64
40/ 39																				6	37
38/ 37																				1	25
36/ 35																					8
34/ 33																					7
32/ 31																					2
26/ 25																					2
TOTAL	1.8	31.3	33.4	17.9	10.4	3.4	1.3	.1	.1	.1	.1							957		957	957

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.	5919070	74274	77.6	12.716	957							
Dry Bulb	3036532	53696	56.1	4.981	957			1.6				90
Wet Bulb	2526466	40942	52.2	4.596	957							90
Dew Point	2314040	46730	48.8	5.806	957		.4					90

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF 9-55 FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-68 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
64/ 63			.1	.1		.1													3	3		
62/ 61		.2		.1	.1	.1													6	6		
60/ 59		.3	.2	.2	.2														8	8	1	
58/ 57	.4	1.5	2.0	.1															37	37	12	9
56/ 55	.2	2.3	.9	.6	.2	.1													50	50	31	14
54/ 53	1.5	0.9	3.7	.6	.2	.1													116	116	61	44
52/ 51	.7	4.2	3.9	.6															84	84	100	68
50/ 49	2.3	6.4	3.9	.2															115	115	88	91
48/ 47	1.8	9.4	3.7																134	134	127	88
46/ 45	1.6	7.0	.4																81	81	146	123
44/ 43	3.1	4.4	.6																74	74	107	127
42/ 41	2.3	3.3	1.3																63	63	57	99
40/ 39	1.7	4.5	.2																57	57	58	75
38/ 37	1.1	3.1																	38	38	55	62
36/ 35	1.1	1.7																	25	25	32	52
34/ 33	.2	.4																	6	6	16	34
32/ 31																					3	6
30/ 29																						4
TOTAL	18.1	56.7	31.3	2.8	.7	.4													896	896	896	896

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.	7025462	78970	88.1	8.545	896							
Dry Bulb	2071926	42754	47.7	5.966	896							93
Wet Bulb	1918890	41168	45.9	5.530	896		.3					93
Dew Point	1783995	39649	44.3	5.739	896		1.0					93

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

USAFETAC

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT 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/ 61		.1	.1		.1													3	3		
60/ 59		.2	.3	.3	.1													9	9	2	
58/ 57	.4	1.7	1.0															29	29	7	6
56/ 55	.3	2.9	1.5	.4	.3	.2	.1											54	54	26	11
54/ 53	1.1	4.5	3.4	.7	.1													93	93	61	42
52/ 51	1.4	5.0	2.4	.7	.1													91	91	76	59
50/ 49	2.0	6.2	2.9	.2				.1										108	108	111	94
48/ 47	2.1	6.0	1.9	.2														97	97	109	90
46/ 45	2.4	6.6	1.0	.2														115	115	122	119
44/ 43	2.1	5.8	.6															81	81	123	109
42/ 41	3.3	4.3	1.0															81	81	84	111
40/ 39	3.3	3.0		.1														66	66	76	104
38/ 37	1.1	3.4																42	42	49	44
36/ 35	1.1	3.2	.1															41	41	43	69
34/ 33	.8	2.2																29	29	37	40
32/ 31	.4	.2																6	6	18	26
30/ 29	.1	.1																2	2	2	16
28/ 27																				1	5
24/ 23																					1
14/ 13																					1
TOTAL	21.9	58.0	18.1	3.0	.7	.2	.1	.1										947	947		947
																		947		947	

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.	7563899	84211	88.9	6.935	947							
Dry Bulb	2082193	43989	46.5	6.409	947		.6					93
Wet Bulb	1937999	42463	44.8	5.993	947		2.1					93
Dew Point	1806135	40927	43.2	6.285	947		4.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61				.1	.2													3	3		
60/ 59	.1	.4	.5	.1														12	12	2	
58/ 57	.2	1.3	1.0	.2	.3	.1												40	40	9	7
56/ 55	.5	1.5	1.7	.8	.5	.2												59	59	32	16
54/ 53	.4	4.3	3.2	.0	.3													99	99	49	34
52/ 51	1.3	4.2	3.0	.5	.1													107	102	94	70
50/ 49	1.6	7.8	3.4	.5				.1										150	150	118	87
48/ 47	1.9	7.5	1.4	.0			.1											128	128	167	106
46/ 45	1.9	5.7	1.5	.4			.1											107	107	144	173
44/ 43	1.6	6.7	1.1															105	105	108	116
42/ 41	2.2	4.8	.9															89	89	113	113
40/ 39	1.5	4.6	.2															73	73	90	107
38/ 37	1.6	2.2	.2															45	45	60	89
36/ 35	1.3	3.6	.1															56	56	49	77
34/ 33	.5	1.9	.2															29	29	47	47
32/ 31	.3	.6																10	10	20	32
30/ 29	.2	.4																6	6	7	19
28/ 27		.3																3	3	8	10
26/ 25																				2	3
24/ 23																					6
22/ 21																					1
16/ 15																					1
14/ 13																					2
TOTAL	17.3	58.1	18.9	3.9	1.3	.3	.2	.1											1116		1116
																		1116		1116	

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.	8630510	97540	87.4	9.721	1116							
Dry Bulb	2452296	51796	46.4	6.584	1116		1.6					93
Wet Bulb	2260653	49761	44.6	6.126	1116		2.8					93
Dew Point	2082627	47647	42.7	6.586	1116		6.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
68/ 67				.1	.1	.2												4	4		
66/ 65			.2	.3	.5													11	11		
64/ 63			.2	.9	.5	.1	.1	.1										21	21		
62/ 61		.1	.9	1.1	1.0	.6	.2											47	47	3	
60/ 59		1.0	1.2	3.3	1.5	.4	.1											83	83	12	2
58/ 57	.2	1.3	2.8	2.7	.8	.2												88	88	39	12
56/ 55	.2	2.9	3.7	3.2	1.2	.3		.2	.1									130	130	69	24
54/ 53	.5	4.1	4.5	4.2	1.7	.3												171	171	129	56
52/ 51	.6	4.4	6.9	2.0	1.1	.2		.1										176	170	159	107
50/ 49	.9	3.9	4.7	1.4	.1	.1		.1										126	126	173	129
48/ 47	.5	3.5	3.2	.5		.1												88	88	181	152
46/ 45	.4	3.6	1.9	.1	.2													69	69	136	175
44/ 43	.4	2.2	.8															38	38	89	123
42/ 41	.5	2.0	.3	.1	.1													33	33	56	116
40/ 39	.2	1.4	.2															20	20	33	86
38/ 37	.3	.6	.1															11	11	22	69
36/ 35		.2	.1															3	3	9	32
34/ 33		.2																2	2	4	8
32/ 31		.1																1	1	2	5
30/ 29																				1	6
28/ 27																					5
26/ 25																					2
24/ 23																					1
22/ 21																					2
18/ 17																					1
16/ 15																					1
12/ 11																					1
TOTAL	4.7	31.5	31.3	19.9	9.4	2.3	.4	.4	.1										1116		1116
																		1116		1116	

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.	6929669	86791	77,8	12.704	1116							
Dry Bulb	3008848	58348	52.3	5.856	1116		.1	.3				93
Wet Bulb	2664197	54241	48.6	5.004	1116		.3					93
Dew Point	2314142	50402	45.2	5.825	1116		2.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.1									1	1		
74/ 73							.2	.1										3	3		
72/ 71					.1	.1	.2	.4	.1	.1								10	10		
70/ 69				.3	.1	.6	.8	.3	.2									25	25		
68/ 67				.1	.4	1.4	1.3	.4	.2									41	41		
66/ 65				.5	1.8	2.2	.5	.2	.1									59	59		
64/ 63			.3	1.6	2.0	2.0	.7	.2										75	75	4	
62/ 61		.3	.9	2.7	2.7	1.7	.3	.1	.1									97	97	10	2
60/ 59		.2	2.1	2.5	2.9	1.6	.4		.2									117	112	35	2
58/ 57		.9	2.5	3.0	3.4	1.7	.4	.1	.4									138	138	94	9
56/ 55		2.3	3.3	4.9	3.7	1.3	.1	.1	.1									177	177	134	28
54/ 53		3.1	3.4	4.7	1.9	.4												152	152	154	76
52/ 51	.2	1.5	3.5	2.9	.6													97	97	162	107
50/ 49		1.5	1.7	2.2	.3	.2												66	66	195	154
48/ 47	.1	1.4	.8	.5	.1													33	33	161	137
46/ 45	.3	.5	.9	.1														20	20	93	154
44/ 43		.3	.2															5	5	44	137
42/ 41		.3	.1															4	4	22	110
40/ 39		.1																1	1	6	76
38/ 37																				2	59
36/ 35																					33
34/ 33																					16
32/ 31																					2
30/ 29																					2
28/ 25																					3
24/ 23																					1
22/ 21																					2
20/ 19																					1
18/ 17																					3
TOTAL	.5	12.5	19.6	28.2	19.8	13.4	4.8	1.7	1.3	.1									1116		1115
																		1116		1115	

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.	5176080	74372	66.6	14.060	1116							
Dry Bulb	3690531	63843	57.2	5.858	1116			6.7	.3			93
Wet Bulb	2939445	57055	51.1	4.496	1116							93
Dew Point	2357265	50875	45.6	5.540	1116		1.2					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77								.1	.2									3	3		
74/ 73						.1		.4	.1									6	6		
72/ 71						.4	.4	.4	.5	.1								21	21		
70/ 69				.3	.2	.4	1.1	.5	.1									28	28		
68/ 67				.1	.1	1.7	.6	1.1	.1									41	41		
66/ 65				.5	1.4	1.4	1.0		.2									51	51		
64/ 63			.5	1.7	1.4	1.9	.5	.2										70	70	10	
62/ 61		.4	1.2	2.2	1.4	1.2	.3	.4										78	78	4	2
60/ 59		.4	2.0	2.6	2.2	2.7	.4	.2	.1	.1								117	117	42	5
58/ 57		.4	4.0	2.2	3.2	2.5	.2	.1	.3	.1								144	144	109	18
56/ 55		2.5	4.1	3.2	4.6	.6	.2		.1									171	171	114	23
54/ 53	.1	2.4	3.9	3.8	2.3	.5	.1											143	143	159	76
52/ 51	.1	2.1	3.6	2.2	.6	.2												97	97	151	130
50/ 49	.1	1.6	2.2	2.6	.5													81	81	181	126
48/ 47		1.3	.8	.7	.2													33	33	170	119
46/ 45	.1	.9	.4	.5														21	21	84	139
44/ 43	.1	.4	.1	.1														7	7	57	140
42/ 41		.3																3	3	28	104
40/ 39																				5	97
38/ 37																					55
36/ 35																					32
34/ 33																					22
32/ 31																					8
30/ 29																					5
26/ 25																					1
22/ 21																					1
20/ 19																					1
18/ 17																					2
16/ 15																					3
TOTAL	.4	12.6	22.5	22.8	18.2	13.5	4.8	3.3	1.0	.3								1115	1115		1115
																		1115		1115	

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.	5205621	74303	66.6	15.103	1115							
Dry Bulb	3697086	63844	57.3	6.143	1115			8.3	.0			93
Wet Bulb	2935792	56978	51.1	4.655	1115							93
Dew Point	2353501	50757	45.5	6.209	1115		1.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
70/ 69					.1													1	1		
68/ 67					.1													1	1		
66/ 65			.1	.1	.2	.4												8	8		
64/ 63			.2	.2	.9	.4	.2											21	21		
62/ 61		.6	.6	1.0	.7	.3	.3											41	41	4	
60/ 59		.9	1.5	1.3	.9	.4	.1											57	57	11	4
58/ 57	.2	2.0	3.0	2.0	.7	.1												88	88	34	14
56/ 55	.2	4.7	3.9	1.6	1.0	.2			.1									131	131	82	31
54/ 53	.3	5.0	4.7	2.5	.5			.2										147	147	130	63
52/ 51	.3	4.9	5.9	2.6	.4	.2		.1										161	161	125	113
50/ 49	.6	5.9	5.4	2.0	.2		.1											158	158	168	126
48/ 47	.7	5.2	4.5	1.0	.2		.1											130	130	187	128
46/ 45	.4	3.9	2.6	.1														80	80	153	177
44/ 43	.2	2.8	.9	.3														46	46	107	142
42/ 41	.2	1.4	.8															27	27	68	107
40/ 39	.3	.7	.4															15	15	29	95
38/ 37		.2	.1															3	3	18	48
36/ 35																				3	30
34/ 33			.1															1	1	1	18
32/ 31																				1	12
30/ 29																					1
28/ 27																					1
20/ 19																					1
18/ 17																					5
TOTAL	3.3	38.3	34.9	14.6	5.9	1.9	.7	.3	.1									1116	1116	1116	1116

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.	7210374	88702	79.5	11.945	1116							
Dry Bulb	303386	57918	51.9	5.404	1116			.2				93
Wet Bulb	2657177	54187	48.6	4.042	1116		.1					93
Dew Point	2341152	50698	45.4	5.840	1116		1.7					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63				.1		.1												2	2		
62/ 61			.4	.3	.1	.1	.2											11	11		
60/ 59		.8	1.1	.1		.1												21	21	5	
58/ 57	.1	2.3	1.4	.9	.1	.2												50	50	17	10
56/ 55		3.2	4.1	.6		.1												82	82	43	24
54/ 53	.6	5.5	3.4	1.4	.6			.1										116	116	71	38
52/ 51	1.1	4.6	5.4	.9	.2	.1												123	123	122	82
50/ 49	.9	7.3	5.2	.3														137	137	91	98
48/ 47	1.0	9.5	3.4	.3			.1											149	149	134	116
46/ 45	1.2	6.1	1.9	.1														93	93	169	158
44/ 43	1.3	4.8	1.4															75	75	94	145
42/ 41	1.1	4.1	.9															61	61	80	103
40/ 39	.8	3.7	.4															47	47	61	83
38/ 37	.6	1.8	.1															25	25	39	71
36/ 35	.2	.6																8	8	19	43
34/ 33		.2																2	2	5	16
32/ 31		.1																1	1	2	7
30/ 29																				1	6
28/ 27																					1
18/ 17																					2
TOTAL	9.3	54.4	29.0	5.2	1.0	.7	.3	.1											1003		1003
																		1003		1003	

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	7440809	85839	85.6	9.713	1003							
Dry Bulb	2434616	49094	48.9	5.616	1003		.1					.1
Wet Bulb	2213083	46883	46.7	5.154	1003		.3					.3
Dew Point	2029019	44763	44.6	5.588	1003		1.5					1.5

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-62,64-68 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
62/ 61						.1												1	1		
60/ 59					.1													1	1		
58/ 57			.1	.1	.2													4	4		
56/ 55		.6	.2	.2	.1	.1												11	11		
54/ 53	.1	.7	.3	.2		.1												14	14	7	3
52/ 51		3.2	1.4	.1	.1													39	39	18	7
50/ 49	1.7	4.6	1.9		.1													67	67	60	36
48/ 47	1.1	7.4	2.3	.2														90	90	57	30
46/ 45	1.1	8.5	1.1	.2														89	89	102	69
44/ 43	2.2	5.6	2.1	.2														84	84	103	89
42/ 41	1.7	5.4	.4	.4														64	64	76	100
40/ 39	2.1	5.7	2.3															82	82	66	80
38/ 37	2.6	5.4	.9															72	72	81	69
36/ 35	3.3	6.5																80	80	89	74
34/ 33	1.6	4.8	.1															53	53	63	82
32/ 31	.9	1.5																19	19	39	60
30/ 29	.6	1.6																18	16	20	38
28/ 27	.7	1.6																19	19	20	28
26/ 25	.2	.1																3	3	8	15
24/ 23																				1	9
22/ 21																					1
TOTAL	20.1	53.6	13.3	1.9	.7	.4												810		810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6426381	71801	88.6	8.734	810							
Dry Bulb	1459257	33957	41.9	6.643	810		6.6					90
Wet Bulb	1355143	32747	40.4	6.214	810		9.6					90
Dew Point	1245536	31332	38.7	6.442	810		16.8					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-62,64-68 YEARS | NOV MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D B. W B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.1															1	1		
56/ 55		.4	.2		.5													9	9	2	
54/ 53		.9	.5	.1														12	12	4	4
52/ 51		2.2	1.4	.1	.1													31	31	14	5
50/ 49	.5	4.2	2.0	.4	.1													59	59	28	21
48/ 47	1.5	5.9	2.1															77	77	65	49
46/ 45	3.0	7.3	1.4	.1														95	95	101	67
44/ 43	1.5	7.5	1.4															84	84	99	71
42/ 41	2.3	7.2	.0															82	82	77	102
40/ 39	1.6	5.4	1.9															72	72	84	83
38/ 37	2.1	6.2	.0															72	72	70	84
36/ 35	3.3	4.2	.1															62	62	88	66
34/ 33	2.7	5.2																64	64	60	82
32/ 31	1.5	2.6																35	35	47	67
30/ 29	1.1	2.1																26	26	33	39
28/ 27	.6	1.6																19	18	20	22
26/ 25	.7	.6																11	11	17	35
24/ 23																				1	10
22/ 21																					2
20/ 19																					1
TOTAL	22.6	63.7	22.2	.7	.7													810	810	810	810

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum.	6492500	72222	89.2	8.092	810							
Dry Bulb	1402359	33265	41.1	6.093	810		10.0					90
Wet Bulb	1308112	32148	39.7	6.308	810		13.1					90
Dew Point	1209266	30792	38.0	6.551	810		19.6					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59		.1																1	1		
58/ 57		.1																1	1	1	
56/ 55		.4	.3															7	7	2	1
54/ 53		.9	.6	.2	.4													25	25	4	5
52/ 51	.1	1.7	1.0		.3													33	33	20	5
50/ 49	.5	3.5	1.4	.4	.3													65	65	45	38
48/ 47	.4	6.2	1.9	.2														94	94	53	42
46/ 45	2.7	8.0	2.8	.1	.1													147	147	131	84
44/ 43	1.2	7.4	1.0	.1														113	113	136	94
42/ 41	3.5	6.9	1.3															126	126	147	136
40/ 39	1.2	4.7	1.0															75	75	89	115
38/ 37	1.4	7.1	.4															96	96	91	103
36/ 35	2.1	4.5	.2															74	74	93	101
34/ 33	2.2	4.7	.1															76	76	85	98
32/ 31	1.1	3.6	.2		.1													56	56	65	82
30/ 29	.8	2.9	.1	.1	.1													43	43	48	53
28/ 27	.7	1.3																22	22	32	46
26/ 25	1.1	.9																22	22	26	32
24/ 23	.1	.1																2	2	10	28
22/ 21																					9
20/ 19																					1
18/ 17																					2
8/ 7																					1
6/ 5																					1
4/ 3																					1
TOTAL	19.2	65.3	13.3	1.0	1.2														1078		1078
																		1078		1078	

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.	8467908	95138	88.3	8.966	1078							
Dry Bulb	1850713	44053	40.9	6.845	1078		12.1					90
Wet Bulb	1718404	42464	39.4	6.513	1078		15.1					90
Dew Point	1570741	40453	37.5	6.995	1078		21.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61				.2														2	2		
60/ 59		.2	.2		.2	.1												7	7		
58/ 57		.6	.2			.1												9	9	3	
56/ 55		.4	1.1	.3	.6	.3												29	29	10	2
54/ 53	.1	1.5	2.4	.9	.6	.1												60	60	15	13
52/ 51	.4	2.5	1.7	1.3	.1	.2												66	66	37	11
50/ 49	.5	5.3	4.8	1.4	.4													133	133	74	48
48/ 47	.7	5.5	5.0	1.3	.2	.1												138	138	111	77
46/ 45	.6	9.1	3.7	1.1	.1													158	158	165	77
44/ 43	1.0	5.6	2.0	.5														105	105	171	128
42/ 41	1.6	5.3	2.2	.2														100	100	117	171
40/ 39	.7	4.2	1.9	.1														75	75	108	114
38/ 37	.7	4.4	.4	.1														60	60	75	93
36/ 35	.6	3.7	.5															51	51	74	96
34/ 33	.5	4.0			.1													49	49	50	100
32/ 31	.3	1.0	.2	.1	.1													19	19	37	67
30/ 29	.3	.7																11	11	17	37
28/ 27	.2	.5																7	7	11	23
26/ 25	.1																	1	1	4	12
24/ 23																				1	6
20/ 19																					2
10/ 9																					1
8/ 7																					1
2/ 1																					1
TOTAL	8.2	54.3	26.9	7.4	2.3	.8													1060		1080
																		1060		1080	

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.	7592975	89763	83.1	11.078	1080							
Dry Bulb	2192194	48168	44.6	6.379	1080		3.2					90
Wet Bulb	1964450	45626	42.2	5.850	1080		5.8					90
Dew Point	1733255	42703	39.5	6.443	1080		12.5					90

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | NOV 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
64/ 63		.1				.1		.1	.1									4	4		
62/ 61		.1		.3		.4	.3	.1										12	12	1	
60/ 59			.1	.3	.3	.5	.2	.2										16	16	1	2
58/ 57		.4	.6	1.7	1.2	.7	.2	.1										53	53		
56/ 55		1.2	1.5	2.2	1.3	.5	.4											76	76	14	2
54/ 53	.3	1.7	3.4	3.1	1.7	.1	.1											111	111	33	11
52/ 51	.4	3.3	4.4	4.9	.7	.2												150	150	78	30
50/ 49	.6	3.8	6.4	3.1	.7													159	159	131	61
48/ 47	.2	4.5	4.0	3.5	.9													142	142	159	75
46/ 45	.3	3.0	3.0	1.5	.6													99	99	201	124
44/ 43	.4	2.6	3.7	1.2	.1													86	86	118	117
42/ 41	.7	2.2	1.9	.9														63	63	115	135
40/ 39	.2	2.8	1.7															44	44	91	135
38/ 37	.2	1.9	.6															30	30	60	104
36/ 35	.3	1.4	.5			.2												25	25	48	105
34/ 33	.2	.4		.1														7	7	22	72
32/ 31			.1	.1	.1													3	3	3	46
30/ 29																					30
28/ 27																				2	21
26/ 25																				3	4
24/ 23																				1	
18/ 17																					1
12/ 11																					2
4, 3																					2
2/ 1																					1
TOTAL	3.7	28.8	32.7	22.9	7.7	2.6	1.1	.5	.1										1080		1080
																		1080		1080	

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.	6249293	80747	74.8	13.890	1080							
Dry Bulb	2587331	52429	48.5	5.867	1080		.3					90
Wet Bulb	2187486	48284	44.7	5.169	1080		.8					90
Dew Point	1612191	43687	40.5	6.459	1080		6.9					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201	FORT LEWIS WASHINGTON/GRAY AAF	39,60-70	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D B. W.B.	Dry Bulb	Wet Bulb	Dew Point
66/ 65								.1										1	1		
64/ 63			.1		.1			.1	.1									4	4		
62/ 61				.3	.1		.3	.1										9	8		
60/ 59			.2	.7	.4	.4	.2											20	20	1	
58/ 57		.5	.4	1.0	.6	.6	.1	.1										34	34	1	1
56/ 55	.1	.6	1.5	1.4	.9	.6	.2											57	57	17	5
54/ 53		2.7	2.7	2.2	1.0	.1												100	100	27	6
52/ 51	.0	2.1	4.0	3.9	.5	.2												122	122	79	28
50/ 49	.0	5.9	6.6	2.5	1.0	.1												101	101	103	62
48/ 47	.0	6.6	4.9	3.3	.1													167	167	168	81
46/ 45	.3	3.9	3.3	1.7	.8													108	108	211	117
44/ 43	.4	3.2	3.4	1.2	.2													91	91	134	146
42/ 41	.5	2.9	2.3	.6														70	70	99	138
40/ 39	.1	2.0	1.7	.4														45	45	97	105
38/ 37	.2	2.9	.7	.1														42	42	68	100
36/ 35	.3	.9				.2												15	15	49	110
34/ 33	.5	.6			.2													13	13	21	82
32/ 31			.1	.1														2	2	4	35
30/ 29																					33
28/ 27																				1	17
26/ 25																				5	2
24/ 23																					2
22/ 21																					1
12/ 11																					3
4/ 3																					2
TOTAL	4.1	34.8	32.0	19.4	6.4	2.0	.7	.4	.1									1080	1080		1080
																		1080		1080	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	6554583	82863	76.7	13.509	1080
Dry Bulb	2521575	51819	44.0	5.717	1080
Wet Bulb	2163813	48027	44.5	5.101	1080
Dew Point	1823832	43652	40.6	6.333	1080

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.		.2					90
Dry Bulb		.8					90
Wet Bulb		7.9					90

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

3

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 59,60-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
58/ 57		.1	.2	.1															11	11		
56/ 55		.6	.2	.2	.2	.1													14	14	4	3
54/ 53		1.5	1.6	.6	.2	.1													42	42	13	3
52/ 51	.2	3.6	1.6	.3	.4														63	63	35	13
50/ 49	.8	5.9	2.4	.6															110	110	65	53
48/ 47	.6	9.3	4.6	.5	.1														165	165	122	78
46/ 45	.6	9.7	2.3	.7															147	147	165	109
44/ 43	1.2	7.9	3.0	.5															135	135	159	141
42/ 41	1.5	6.3	2.6	.3															115	115	118	125
40/ 39	1.6	5.6	1.2																91	91	128	140
38/ 37	1.1	3.9	.9																64	64	95	99
36/ 35	.9	3.9		.3															55	55	75	105
34/ 33	.4	2.7																	33	33	45	74
32/ 31	.6	1.3	.1	.1															22	22	35	66
30/ 29	.2	.6		.2															11	11	11	49
28/ 27																					7	7
26/ 25																					2	5
24/ 23																					1	4
22/ 21																						2
18/ 17																						1
14/ 13																						1
10/ 9																						2
TOTAL	9.9	63.0	21.2	4.9	.8	.2													1080	1080	1080	1080

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.	7985765	92271	85.4	9.740	1080							
Dry Bulb	2138887	47663	44.1	5.728	1080		2.8					90
Wet Bulb	1950232	45516	42.1	5.445	1080		4.7					90
Dew Point	1757480	43066	39.9	6.103	1080		11.4					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59				.2														2	2		
58/ 57		.3	.2	.2			.1											8	8		
56/ 55	.1	.3	.2	.2	.3													11	11	4	3
54/ 53		.9	.9	.1	.2													21	21	11	2
52/ 51	.3	2.6	1.6	.1	.3													51	51	19	8
50/ 49	1.3	4.5	2.4	.3														86	86	61	40
48/ 47	1.4	6.8	2.9	.3														116	116	87	66
46/ 45	.9	10.2	2.2	.4	.1													140	140	134	91
44/ 43	1.4	6.5	1.0	.2														98	98	132	112
42/ 41	2.0	5.3	1.7	.2														93	93	103	132
40/ 39	1.6	7.8	1.7															112	112	102	103
38/ 37	2.2	5.6	1.8	.1														98	98	111	97
36/ 35	1.9	4.8		.1	.1													70	70	98	110
34/ 33	1.1	3.4																46	46	71	70
32/ 31	.8	2.6		.1														35	35	37	81
30/ 29	.7	1.6		.1														24	24	29	61
28/ 27	.3	.5																8	8	17	20
26/ 25																				3	13
24/ 23																					6
20/ 19																					1
16/ 15																					2
14/ 13																					1
TOTAL	15.7	53.5	17.2	2.6	1.0		.1											1019	1019		1019
																		1019		1019	

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.	7092746	89200	87.5	9.109	1019							
Dry Bulb	1883842	43346	42.5	6.268	1019		5.9					90
Wet Bulb	1739844	41674	40.9	5.906	1019		7.6					90
Dew Point	1586169	39685	38.9	6.318	1019		16.3					90

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-68 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 2	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
60/ 59				.4														4	4		
58/ 57				.1	.1		.1											3	3		
56/ 55		.1	.2	.1	.2													6	6		
54/ 53		.2	1.0	.3	.2	.2												18	18	6	1
52/ 51		1.1	.9	.4	.1													23	23	10	2
50/ 49	.1	1.6	1.3	.3	.1													32	32	21	10
48/ 47	.9	4.1	2.4	.8														75	75	38	30
46/ 45	.8	6.0	1.8	.4														84	84	79	48
44/ 43	1.4	5.2	.9	.1														70	70	92	54
42/ 41	1.6	4.5	1.6	.6	.2													80	80	87	102
40/ 39	1.7	4.8	1.3															73	73	68	85
38/ 37	.3	7.5	.9															81	81	68	70
36/ 35	3.0	7.5	1.0	.3														110	110	126	89
34/ 33	1.7	4.0	1.0															62	62	83	100
32/ 31	2.6	3.9	.5															65	65	73	76
30/ 29	1.8	2.7	.2															44	44	53	69
28/ 27	2.0	2.2																39	39	56	51
26/ 25	.5	1.7																21	21	20	38
24/ 23	.9	.6																14	14	21	44
22/ 21	.2	.1	.2															5	5	6	19
20/ 19	.1	.5	.1															7	7	3	17
18/ 17	.3																	3	3	8	2
16/ 15		.1																1	1	1	3
14/ 13		.3																3	3	3	3
12/ 11		.1																1	1	1	
10/ 9		.3																3	3	1	4
8/ 7		.1																1	1	4	1
6/ 5																					1
4/ 3																					2
2/ 1																					2
0/ -1																					1
-2/ -3																					3
-4/ -5																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-68 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
TOTAL	20.0	59.5	15.2	4.0	1.0	.2	.1												928	928	928	928

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≤ 93 F	Total
Rel. Hum.	6976784	79850	86.0	10.697	928							
Dry Bulb	1440781	35777	38.6	8.144	928		20.7					93
Wet Bulb	1314875	34219	36.9	7.508	928		25.1					93
Dew Point	1171697	32053	34.5	8.338	928	.5	33.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-68 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
58/ 57			.2	.2														4	4		
56/ 55		.1	.3				.3											7	7		
54/ 53		.5	1.1	.2	.1													18	18	4	
52/ 51		1.3	.9	.8														27	27	15	5
50/ 49	.3	2.0	1.5															36	36	21	12
48/ 47	.6	2.5	2.0	.6														54	54	45	36
46/ 45	.6	3.4	1.5		.1													71	71	60	38
44/ 43	1.9	3.6	1.8	.1	.1													89	89	91	60
42/ 41	1.2	4.2	1.4	.2	.1													66	66	82	84
40/ 39	1.5	3.2	1.7	.1														79	79	63	81
38/ 37	.9	8.2	1.0															93	93	84	70
36/ 35	2.8	3.6	.6	.1														86	86	117	101
34/ 33	1.5	5.5	.8	.1														73	73	68	88
32/ 31	2.4	4.5	.2															66	66	85	79
30/ 29	1.8	3.4																49	49	55	58
28/ 27	1.6	2.7	.2															42	42	58	59
26/ 25	1.6	.5	.1															21	21	31	50
24/ 23	.3	.5																8	8	5	43
22/ 21	1.1	.5																15	15	18	13
20/ 19	.5	.3																8	8	7	15
18/ 17	.2	.2	.1															5	5	7	12
16/ 15	.1																	1	1	1	5
14/ 13		.3	.2															5	5	1	5
12/ 11																				5	1
10/ 9		.1																1	1		2
8/ 7		.3																3	3	2	1
6/ 5	.2																	2	2	4	2
0/ -1																					0
-4/ -5																					1
-8/ -9																					2
TOTAL	21.3	59.6	15.8	2.5	.4		.3											929		929	929
																		929			

Element (%)	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	7066107	80461	86.6	10.242	929							
Dry Bulb	1410941	35345	38.0	8.446	929		22.6					93
Wet Bulb	1294697	33889	36.5	7.937	929		27.9					93
Dew Point	1158656	31800	34.2	8.693	929	.9	35.4					93

USAFETAC F-28M JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DEC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
58/ 57				.3				.1										4	4		
56/ 55			.2	.1			.2											5	5		
54/ 53		.4	.4	.3	.2													14	14	2	
52/ 51		1.3	1.0	.4	.1													32	32	11	3
50/ 49	.1	1.6	2.2	.6														51	51	22	13
48/ 47	.4	1.9	1.5	.2	.2													47	47	44	29
46/ 45	.4	4.9	1.5	.4		.1												82	82	68	34
44/ 43	1.5	5.5	2.0	.1	.1													102	102	104	76
42/ 41	1.3	4.7	1.5	.4														89	89	94	92
40/ 39	1.1	6.8	1.5															105	105	97	81
38/ 37	1.7	7.0	.9															107	107	111	109
36/ 35	2.2	6.6	.6															106	106	123	127
34/ 33	2.0	6.0	.6	.3														99	99	93	98
32/ 31	2.0	5.3		.1														82	82	112	89
30/ 29	1.6	4.7																70	70	82	95
28/ 27	.9	1.8																30	30	52	87
26/ 25	1.0	1.7																30	30	34	66
24/ 23	.4	1.2																18	18	13	32
22/ 21	.3	.5																9	9	18	21
20/ 19	.6	.8																16	16	15	16
18/ 17	.4	.1																5	5	7	13
16/ 15	.1																	1	1	2	13
14/ 13		.2	.1															3	3		8
12/ 11		.3																3	3	3	
10/ 9		.1																1	1	3	
8/ 7		.4																4	4	2	
6/ 5	.1																	1	1	4	2
4/ 3																					2
2/ 1																					2
0/ -1																					5
-6/ -7																					1
TOTAL	16.1	63.8	14.1	3.1	.5	.1	.2	.1											1116		1116
																		1116		1116	

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.	8363969	95975	86.0	9.942	1116							
Dry Bulb	1666420	42146	37.8	8.189	1116		22.8					93
Wet Bulb	1522776	40332	36.1	7.646	1116		28.9					93
Dew Point	1348768	37696	33.8	8.228	1116	.5	37.8					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (YEARS) DLC (MONTH)

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
60/ 59				.1	.1														2	2		
58/ 57				.1	.1		.1	.1											4	4		
56/ 55		.2	.4		.2	.1	.1												10	10		
54/ 53		.2	.2	.4	.4														14	14	3	
52/ 51		1.3	2.7	.8	.2	.1													56	36	9	2
50/ 49	.2	1.8	3.0	.8	.1														65	65	25	14
48/ 47	.6	3.3	1.6	.6	.3														72	72	76	31
46/ 45	.5	5.3	3.1	.4	.1														105	105	105	58
44/ 43	.9	4.6	3.6	.5															107	107	91	80
42/ 41	.4	5.2	2.6	.4															99	99	97	90
40/ 39	.8	5.4	2.2	.1															94	94	130	79
38/ 37	1.6	6.9	1.8																115	115	110	143
36/ 35	1.4	6.5	1.5	.3	.1														110	110	116	112
34/ 33	.4	6.5	.0	.2															87	87	94	90
32/ 31	1.7	3.6	.5																65	65	110	108
30/ 29	.7	2.5	.1	.1															38	38	52	100
28/ 27	.6	1.8	.1																28	28	39	71
26/ 25	.4	.8	.2																15	15	20	43
24/ 23	.2	.4																	7	7	12	28
22/ 21	.3	.4																	8	8	9	13
20/ 19																					3	8
18/ 17	.1	.2	.2																5	5	1	11
16/ 15		.1	.1																2	2	3	4
14/ 13		.4																	4	4	2	7
12/ 11		.2																	2	2	5	2
10/ 9		.2																	2	2	3	1
8/ 7																					1	
6/ 5																						1
4/ 3																						3
2/ 1																						3
0/ -1																						5
TOTAL	10.9	57.7	24.6	4.6	1.5	.2	.2	.1												1116		1116
																			1116		1116	

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.	7835122	92716	83.1	10.896	1116							
Dry Bulb	1833729	44409	39.8	7.726	1116		14.7					93
Wet Bulb	1642856	42070	37.7	7.146	1116		21.7					93
Dew Point	1426244	38896	34.9	7.957	1116	.4	34.0					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1													1	1		
62/ 61				.1	.1	.1												3	3		
60/ 59				.1	.4	.2												7	7		
58/ 57			.1	.3		.1	.2											7	7	1	
56/ 55		.1	.4	.1	.5													12	12	2	
54/ 53		.9	1.5	1.3	.3													44	44	5	1
52/ 51		2.0	3.4	.5	.4	.1	.1											72	72	24	4
50/ 49		2.1	3.4	1.3	.2	.1												79	79	53	21
48/ 47	.4	5.0	4.2	1.9	.5													135	135	98	46
46/ 45	.1	3.9	5.2	2.5	.6													138	138	119	76
44/ 43	.3	4.1	4.6	1.3	.1													115	115	94	99
42/ 41	.5	4.7	4.7	1.1														122	122	162	95
40/ 39	.4	4.4	3.5	.7	.2													102	102	146	118
38/ 37	.4	4.2	2.0	.8														83	83	104	117
36/ 35	.3	2.9	1.3	.3	.3													56	56	88	119
34/ 33	1.4	4.2	.9	.1														74	74	80	117
32/ 31	.5	1.7	.4	.1														30	30	70	80
30/ 29	.1	.9	.2	.1														14	14	28	90
28/ 27		.4																5	5	21	46
26/ 25		.1																1	1	4	27
24/ 23		.1		.1														2	2	1	16
22/ 21			.1															1	1	1	7
20/ 19			.2															2	2		12
18/ 17		.5	.1															7	7	6	3
16/ 15		.3	.1															4	4	5	1
14/ 13																				4	
12/ 11																					8
10/ 9																					1
8/ 7																					1
6/ 5																					2
4/ 3																					2
2/ 1																					2
0/ -1																					4
-2/ -3																					1

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

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	4.5	2.5	6.1	2.5	3.6	.5	.3											1116	1116	1116	1116

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.	6987671	87215	78.1	12.415	1116							
Dry Bulb	2110269	47889	42.9	7.042	1116		5.5					93
Wet Bulb	1831531	44619	40.0	6.535	1115		11.7					93
Dew Point	1535146	40458	36.3	7.834	1116	.4	25.3					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39;60-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B	Dry Bulb	Wet Bulb	Dew Point
64/ 63						.1												1	1		
60/ 59					.1													1	1		
58/ 57			.1	.2	.1	.2	.1											7	7		
56/ 55		.1	.3	.3	.1	.1	.1											10	10		
54/ 53		.6	1.2	.5														26	26	6	
52/ 51		2.8	2.4	.9	.3													70	70	16	4
50/ 49	.2	2.7	3.8	.7	.1	.1												84	84	57	23
48/ 47	.6	4.8	4.2	1.2	.2	.1												124	124	83	53
46/ 45	.4	4.4	4.1	1.7	.2													121	121	119	76
44/ 43	.3	6.5	5.3	1.1	.1													147	147	104	85
42/ 41	.4	4.7	3.9	.5														106	106	147	112
40/ 39	.6	6.2	3.4	.5	.1													123	123	151	106
38/ 37	.3	4.7	2.2	.5														86	86	120	123
36/ 35	.7	3.8	2.1	.4														78	78	89	139
34/ 33	1.0	3.9	1.4	.3														73	73	86	112
32/ 31	.4	1.1	.8	.2														27	27	70	72
30/ 29	.3	.4	.2	.1														10	10	30	64
28/ 27		.6																7	7	17	54
26/ 25																				6	33
24/ 23				.1														1	1		12
22/ 21			.2															2	2		16
20/ 19			.2															2	2		10
18/ 17		.4																5	5	5	1
16/ 15		.3																3	3	5	4
14/ 13		.1																1	1	4	1
12/ 11		.1																1	1	1	2
10/ 9																					2
8/ 7																					1
6/ 5																					4
4/ 3																					5
0/ -1																					2
TOTAL	5.3	48.0	35.6	9.2	1.2	.5	.2												1116		1116
																		1116		1116	

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	7295226	89294	80.0	11.621	1116							
Dry Bulb	2057331	47327	42.4	6.717	1116		4.9					93
Wet Bulb	1911991	44397	39.8	6.408	1116		11.5					93
Dew Point	1546796	40650	36.4	7.701	1116	.2	23.6					93

USAFETAC FORM 0-26-5 (OL-A) 6/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59					.1													1	1		
58/ 57				.2	.1													3	3		
56/ 55			.4	.3	.1													9	9		
54/ 53		.2	.4	.2		.1												10	10	1	
52/ 51		1.2	.8	.4														26	26	11	2
50/ 49	.1	3.1	2.2	.4	.1													65	65	29	7
48/ 47	.0	4.8	2.5	.6	.1													97	97	65	46
46/ 45	.9	5.8	2.2	.0														106	106	99	59
44/ 43	.6	5.6	3.1	.8														113	113	110	93
42/ 41	1.7	6.7	1.5	.4	.1													116	116	119	105
40/ 39	1.1	6.8	3.0	.3														124	124	111	106
38/ 37	.8	7.2	.9	.1														100	100	126	104
36/ 35	1.8	6.2	1.2	.1														103	103	127	139
34/ 33	1.1	5.2	1.0															88	88	87	110
32/ 31	1.1	3.3	1.0															60	60	87	87
30/ 29	1.2	2.5	.4															45	45	63	83
28/ 27	.4	1.7	.2															25	25	42	52
26/ 25	.1	.5																7	7	15	46
24/ 23		.1																1	1	6	30
22/ 21			.1															1	1	1	17
20/ 19		.2																2	2		7
18/ 17																				3	4
16/ 15	.3	.3																6	6	3	2
14/ 13		.3																3	3	3	3
12/ 11	.1	.2																3	3	5	
10/ 9																				1	
8/ 7																					3
6/ 5																					3
4/ 3																					1
2/ 1																					1
0/ -1																					1
-2/ -3																					1
TOTAL	11.8	61.9	21.5	4.2	.5	.1												1114	1114		1114

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.	8082262	94258	84.6	9.800	1114							
Dry Bulb	1836273	44543	40.0	7.045	1114		12.8					93
Wet Bulb	1665912	42422	38.1	6.733	1114		19.1					93
Dew Point	1472881	39625	35.6	7.549	1114	.2	28.6					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 YEARS | DEC MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 8	9 - 10	11 - 12	13 - 14	15 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59				.2	.1													3	3		
58/ 55			.1	.1	.3	.1	.1											7	7		
54/ 53			.9	.3	.1													14	14	2	
52/ 51		.9	.9	.3	.1													22	22	9	
50/ 49	.3	2.4	1.8	.4	.1													52	52	26	12
48/ 47	.8	3.3	1.4	1.5														74	74	51	29
46/ 45	.7	6.8	1.7	.4														101	101	76	54
44/ 43	1.1	5.0	2.8	.3														98	98	111	88
42/ 41	1.0	5.1	1.9	.6	.1													92	92	104	86
40/ 39	1.5	7.8	1.7	.2														118	118	98	87
38/ 37	.6	6.9	.9	.3														91	91	112	106
36/ 35	1.3	6.7	1.1	.2														99	99	102	111
34/ 33	2.3	5.0	.4															81	81	103	115
32/ 31	1.6	4.4	.5	.1														69	69	89	90
30/ 29	2.5	2.3	.2															52	52	69	78
28/ 27	.7	2.8																36	36	42	64
26/ 25	.8	1.0	.1	.1														21	21	29	33
24/ 23		.6	.1															7	7	14	42
22/ 21		.2																2	2	4	28
20/ 19		.3																3	3	1	4
18/ 17																				3	1
16/ 15	.3	.3																6	6	3	1
14/ 13		.2																2	2	3	3
12/ 11		.4																4	4	3	
10/ 9																				3	2
8/ 7																					4
6/ 5																					4
4/ 3																					1
-4/ -5																					3
TOTAL	15.4	62.3	16.5	4.8	.8	.1	.1												1054		1054
																		1054		1054	

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.	7810688	90052	85.4	10.532	1054							
Dry Bulb	1667598	41170	39.1	7.515	1054		17.8					93
Wet Bulb	1518204	39308	37.3	7.044	1054		22.9					93
Dew Point	1346154	36758	34.9	7.810	1054	.3	32.1					93

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	36,9	39,1	39,3	42,5	46,7	52,5	56,2	57,1	52,8	47,7	41,9	38,6	46,0
	S D	7,729	6,871	5,992	5,194	5,670	4,718	4,445	4,456	5,313	5,966	6,643	8,144	9,181
	TOTAL OBS	930	849	929	989	986	989	994	855	897	896	810	928	11052
03-05	MEAN	36,4	38,2	37,9	41,0	44,7	50,6	53,6	54,5	50,9	46,5	41,1	38,0	44,7
	S D	7,902	7,211	6,456	5,576	5,704	4,406	4,160	4,681	5,647	6,409	6,693	8,446	8,844
	TOTAL OBS	930	849	930	995	1029	1030	1058	942	956	947	810	929	11425
06-08	MEAN	36,0	37,6	38,1	43,1	49,4	55,4	57,8	57,1	52,0	46,4	40,9	37,8	46,3
	S D	8,156	7,263	6,556	5,575	5,843	5,032	4,800	4,828	5,654	6,584	6,845	8,189	10,087
	TOTAL OBS	1023	933	1023	1080	1113	1170	1182	1116	1075	1116	1078	1116	13027
09-11	MEAN	38,1	42,1	45,1	49,9	56,2	61,9	65,5	65,2	60,1	52,3	44,6	39,8	52,1
	S D	7,646	6,056	5,603	5,370	6,925	6,499	6,386	6,053	5,314	6,856	6,379	7,726	11,456
	TOTAL OBS	1023	933	1022	1080	1116	1170	1182	1116	1076	1116	1080	1116	13030
12-14	MEAN	41,6	47,3	49,9	54,1	61,0	66,8	71,5	71,1	65,8	57,2	48,5	42,9	56,9
	S D	6,945	5,824	6,192	6,594	8,113	7,703	7,496	7,396	6,357	5,858	5,867	7,042	12,346
	TOTAL OBS	1023	933	1023	1080	1116	1170	1182	1116	1077	1116	1080	1116	13032
15-17	MEAN	41,5	47,9	50,6	54,7	62,3	68,3	73,8	72,9	67,3	57,3	48,0	42,4	57,7
	S D	6,798	6,166	6,771	6,962	8,605	8,599	8,175	8,143	6,834	6,143	5,717	6,717	13,244
	TOTAL OBS	1023	933	1023	1080	1116	1170	1179	1116	1077	1115	1080	1116	13028
18-20	MEAN	38,9	43,4	45,9	50,3	58,0	64,9	69,9	68,3	61,7	51,9	44,1	40,0	53,5
	S D	6,980	5,719	5,937	5,953	7,662	8,214	7,597	7,249	5,964	5,404	5,728	7,045	12,633
	TOTAL OBS	1023	933	1023	1080	1116	1169	1179	1116	1075	1116	1080	1114	13024
21-23	MEAN	37,5	40,6	41,7	45,1	51,2	57,4	61,8	61,5	56,1	48,9	42,5	39,1	48,6
	S D	7,368	6,293	6,431	5,032	6,140	6,760	5,526	5,093	4,981	5,616	6,268	7,515	10,328
	TOTAL OBS	992	905	992	1045	1027	1049	1055	941	957	1003	1019	1054	12039
ALL HOURS	MEAN	38,4	42,1	43,7	47,7	53,9	60,0	64,1	63,9	58,6	51,2	44,1	39,9	50,9
	S D	7,720	7,421	7,763	7,683	9,307	9,126	9,468	9,004	8,306	7,290	6,850	7,806	12,149
	TOTAL OBS	7967	7268	7965	8429	8621	8937	9011	8318	8190	8425	8037	8489	99657

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	35.2	37.3	37.4	40.4	44.0	49.2	52.4	53.3	50.2	45.9	40.4	36.9	43.6
	S D	7,448	6,592	5,646	4,986	5,035	3,875	3,943	3,796	5,127	5,530	6,714	7,588	8,360
	TOTAL OBS	930	849	929	989	986	989	984	855	897	896	810	928	11042
03-05	MEAN	34.7	36.6	36.3	39.3	42.6	48.0	50.7	51.6	48.8	44.8	39.7	36.5	42.7
	S D	7,570	6,894	6,008	5,380	5,279	3,988	4,003	4,295	5,305	5,993	6,308	7,937	8,282
	TOTAL OBS	930	849	930	995	1029	1049	1051	942	956	947	810	929	11417
06-08	MEAN	34.3	36.0	35.3	40.6	45.8	51.1	53.2	53.2	49.6	44.6	39.4	36.1	43.7
	S D	7,740	6,955	6,064	5,173	4,921	3,877	3,787	3,908	5,340	6,128	6,513	7,646	8,952
	TOTAL OBS	1023	933	1023	1080	1115	1108	1179	1116	1075	1116	1078	1116	13022
09-11	MEAN	36.0	39.4	41.1	44.5	49.3	54.3	57.0	57.3	54.2	48.6	42.2	37.7	47.1
	S D	7,203	5,709	4,774	4,229	5,015	4,144	3,988	3,489	4,026	5,004	5,850	7,146	8,973
	TOTAL OBS	1022	933	1022	1079	1116	1169	1182	1116	1076	1116	1080	1116	13027
12-14	MEAN	38.5	42.6	43.5	46.5	51.5	56.3	59.5	59.6	56.5	51.1	44.7	40.0	49.5
	S D	6,621	5,024	4,701	4,598	5,295	4,442	4,121	3,647	4,103	4,496	5,169	6,535	8,791
	TOTAL OBS	1023	933	1023	1080	1116	1169	1182	1116	1077	1116	1080	1116	13031
15-17	MEAN	38.5	42.8	43.7	46.6	51.8	56.9	60.2	60.0	56.9	51.1	44.5	39.8	49.7
	S D	6,916	5,063	4,729	4,610	5,348	4,538	4,153	3,736	4,299	4,655	5,101	6,408	8,984
	TOTAL OBS	1023	933	1023	1080	1116	1170	1178	1116	1077	1115	1080	1116	13027
18-20	MEAN	36.7	40.4	41.5	44.7	50.0	55.4	58.6	58.2	54.7	48.6	42.1	38.1	47.7
	S D	6,809	5,508	4,845	4,360	5,026	4,486	4,112	3,625	4,371	4,842	5,445	6,733	9,139
	TOTAL OBS	1023	933	1023	1080	1116	1169	1178	1116	1075	1116	1080	1114	13029
21-23	MEAN	35.7	38.5	39.1	42.1	46.8	52.0	55.3	55.5	52.2	46.7	40.9	37.3	45.2
	S D	7,132	6,103	5,141	4,641	4,931	3,922	3,838	3,537	4,596	5,154	5,906	7,044	8,879
	TOTAL OBS	992	905	992	1045	1027	1049	1051	941	957	1003	1019	1054	12033
ALL HOURS	MEAN	36.2	39.3	39.9	43.1	47.9	53.0	56.0	56.3	53.0	47.8	41.9	37.8	46.3
	S D	7,285	6,476	5,965	5,479	6,030	5,194	5,159	4,772	5,526	5,770	6,108	7,246	9,155
	TOTAL OBS	7966	7208	7965	8428	8621	8932	8985	8318	8190	8425	8037	8489	99624

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	32.5	34.7	34.8	37.8	41.2	46.3	49.2	50.2	47.9	44.3	38.7	34.5	41.0
	S D	8,787	7,465	6,294	5,578	5,396	4,158	4,650	4,674	5,795	5,739	6,442	8,338	8,707
	TOTAL OBS	930	849	929	989	986	989	984	855	897	896	810	928	11042
03-05	MEAN	31.9	34.3	34.0	37.1	40.4	45.6	48.2	49.1	46.9	43.2	38.0	34.2	40.5
	S D	8,862	7,607	6,469	5,860	5,594	4,259	4,690	4,908	6,040	6,285	6,551	8,693	8,720
	TOTAL OBS	930	849	930	995	1029	1049	1051	942	956	947	810	929	11417
06-08	MEAN	31.8	33.7	33.8	37.6	42.1	47.4	49.6	50.1	47.4	42.7	37.5	33.8	40.9
	S D	8,886	7,698	6,504	5,735	5,273	4,167	4,368	4,429	5,888	6,386	6,995	8,228	9,086
	TOTAL OBS	1023	933	1023	1060	1115	1168	1179	1116	1075	1118	1078	1116	13022
09-11	MEAN	32.8	36.0	36.1	36.5	42.7	48.0	50.6	51.5	49.4	45.2	39.5	34.9	42.3
	S D	8,696	6,924	6,184	5,542	5,647	4,538	4,417	4,099	5,336	5,825	6,443	7,957	8,826
	TOTAL OBS	1022	933	1022	1079	1116	1169	1182	1116	1076	1116	1080	1116	13027
12-14	MEAN	34.0	36.8	35.6	38.1	42.7	48.1	51.0	51.4	49.2	45.6	40.3	36.3	42.7
	S D	8,684	7,348	7,028	6,385	6,164	5,133	4,489	4,544	6,037	5,840	6,459	7,834	8,857
	TOTAL OBS	1023	933	1023	1080	1116	1169	1182	1116	1077	1116	1080	1116	13031
15-17	MEAN	34.2	36.5	35.3	37.7	42.0	47.8	50.5	50.8	48.7	45.5	40.6	36.4	42.4
	S D	8,423	7,764	7,364	6,646	6,611	5,503	4,994	5,347	6,786	6,209	6,733	7,701	8,946
	TOTAL OBS	1023	933	1023	1080	1116	1170	1178	1116	1077	1115	1080	1116	13027
18-20	MEAN	33.5	36.4	35.7	38.3	42.2	47.7	50.3	50.7	48.9	45.4	39.9	35.6	42.3
	S D	8,407	7,478	6,948	6,323	6,348	5,369	5,210	5,217	6,452	5,840	6,103	7,549	8,860
	TOTAL OBS	1023	933	1023	1080	1116	1169	1178	1116	1075	1116	1080	1114	13023
21-23	MEAN	32.8	35.6	35.6	38.5	42.4	47.5	50.3	50.9	48.8	44.6	38.9	34.9	41.7
	S D	8,515	7,325	6,407	5,655	5,505	4,394	4,665	4,750	5,806	5,588	6,318	7,810	8,772
	TOTAL OBS	992	905	992	1049	1027	1049	1051	941	997	1003	1019	1054	12039
ALL HOURS	MEAN	32.9	35.5	35.1	38.0	42.0	47.3	50.0	50.6	48.4	44.8	39.3	35.1	41.8
	S D	8,696	7,526	6,710	6,001	5,692	4,817	4,766	4,811	6,097	6,096	6,540	8,047	8,806
	TOTAL OBS	7966	7268	7965	8428	8621	8932	8985	8318	8190	8425	8037	8489	99624

USAFETAC FORM JUL 64 0 89 5 (OL-1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,60-70 PERIOD | ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.7	99.7	99.8	93.6	84.3	62.7	21.4	81.5	7966
FEB		100.0	100.0	99.2	97.5	94.6	88.1	75.5	53.7	24.9	79.7	7268
MAR		100.0	99.8	98.3	95.1	88.5	78.5	65.4	46.2	17.0	74.5	7965
APR		100.0	99.8	98.8	94.5	85.8	73.0	58.0	36.7	13.8	71.7	8428
MAY		100.0	99.9	98.0	91.2	78.8	64.2	47.6	27.9	10.5	67.5	8621
JUN		100.0	99.8	97.6	90.9	78.1	62.9	46.2	25.1	7.0	66.5	8932
JUL		100.0	99.8	97.7	88.5	73.6	56.7	39.2	20.4	5.1	63.9	8905
AUG		100.0	99.6	97.1	89.4	77.3	61.6	44.9	25.8	7.3	66.1	8318
SEP		100.0	99.8	98.6	94.2	85.8	73.6	58.7	39.4	14.6	72.3	8190
OCT		100.0	99.9	99.6	99.0	99.0	88.4	76.9	56.3	25.9	80.1	8425
NOV		100.0	100.0	99.9	99.6	98.5	95.1	87.5	69.1	32.9	84.2	8037
DEC		100.0	100.0	100.0	99.6	98.6	96.2	88.4	67.6	29.8	83.7	8489
TOTALS		100.0	99.9	98.7	94.9	87.7	77.7	64.4	44.2	17.5	74.3	99624

USAFETAC FORM JUL 64 0 87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (PERIOD) JAN (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	100.0	99.7	99.4	97.8	96.2	91.6	73.1	28.1	84.5	930
	03-05	100.0	100.0	99.9	99.2	97.8	95.7	90.5	73.7	28.7	84.4	930
	06-08	100.0	100.0	99.8	99.2	98.1	97.0	92.8	75.8	27.2	84.7	1023
	09-11	100.0	100.0	99.5	98.4	97.2	94.7	86.1	60.2	19.6	81.4	1022
	12-14	100.0	100.0	99.4	97.5	93.9	88.2	68.0	40.1	11.4	75.5	1023
	15-17	100.0	100.0	99.6	98.2	94.9	87.3	69.9	43.4	11.0	76.1	1023
	18-20	100.0	100.0	99.7	98.9	96.8	93.6	85.3	63.4	18.8	81.6	1023
	21-23	100.0	99.9	99.6	99.1	98.1	96.3	90.2	71.7	26.1	83.8	992
TOTALS		100.0	100.0	99.7	98.7	96.8	93.6	84.3	62.7	21.4	81.5	7966

USAFETAC FORM JUL 64 0-87-5 (OL I)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (PERIOD) FEB (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	99.8	99.2	96.9	89.0	69.1	34.5	84.8	849
	03-05	100.0	100.0	100.0	100.0	99.8	98.0	91.8	72.4	42.0	86.1	849
	06-08	100.0	100.0	99.8	99.7	99.6	98.5	93.5	75.0	37.8	86.2	933
	09-11	100.0	100.0	99.6	99.2	98.1	93.7	79.0	52.5	20.3	80.0	933
	12-14	100.0	99.9	98.1	93.7	87.1	69.9	46.0	24.8	8.9	68.7	933
	15-17	100.0	99.5	96.9	91.1	81.0	63.5	44.4	26.6	9.9	67.1	933
	18-20	100.0	100.0	99.1	97.6	94.5	88.3	72.1	46.3	18.3	77.6	933
	21-23	100.0	100.0	100.0	99.2	97.6	95.8	88.0	63.0	27.8	83.1	905
TOTALS		100.0	100.0	99.2	97.5	94.6	88.1	75.5	53.7	24.9	79.2	7268

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 40,61-70 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	99.9	99.4	97.3	90.3	72.9	29.5	84.6	929
	03-05	100.0	100.0	100.0	100.0	99.5	98.1	93.5	79.8	36.0	86.4	930
	06-08	100.0	100.0	100.0	100.0	99.7	98.1	92.2	74.9	27.6	85.0	1023
	09-11	100.0	100.0	99.4	97.8	93.2	79.2	55.4	30.7	8.0	72.0	1022
	12-14	100.0	99.2	96.3	88.2	71.1	46.6	27.5	13.1	2.4	60.1	1023
	15-17	100.0	99.4	92.9	82.1	64.9	44.8	31.7	14.9	4.1	58.8	1023
	18-20	100.0	100.0	98.0	93.4	85.1	71.0	52.7	30.5	9.8	69.7	1023
	21-23	100.0	100.0	99.9	99.1	97.1	92.5	79.5	52.9	18.4	79.7	992
TOTALS		100.0	99.8	98.3	95.1	88.5	78.5	65.4	46.2	17.0	74.5	7965

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39-46,61-70 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	99.7	98.3	90.7	66.2	25.6	84.0	989
	03-05	100.0	100.0	100.0	100.0	99.9	99.1	95.3	76.9	33.7	86.4	995
	06-08	100.0	100.0	100.0	100.0	99.8	97.2	85.2	55.8	19.3	81.5	1080
	09-11	100.0	100.0	99.6	97.2	88.0	64.7	37.8	15.0	4.8	66.2	1079
	12-14	100.0	99.4	97.3	86.0	62.6	37.7	21.2	8.7	2.4	57.0	1080
	15-17	100.0	99.0	95.1	79.4	57.8	34.3	18.8	9.2	3.7	55.2	1080
	18-20	100.0	99.9	98.7	93.7	80.6	61.8	38.5	17.8	5.4	65.3	1080
	21-23	100.0	100.0	100.0	99.6	96.2	90.5	76.1	43.7	15.4	78.2	1045
TOTALS		100.0	99.8	98.8	94.5	85.8	73.0	58.0	36.7	13.8	71.7	8428

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39-40,61-70 PERIOD | MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.9	99.2	97.2	84.8	56.5	22.5	81.8	986
	03-05	100.0	100.0	100.0	100.0	100.0	98.5	92.1	69.5	32.8	85.1	1029
	06-08	100.0	100.0	100.0	100.0	99.2	92.0	72.6	37.5	11.7	76.9	1115
	09-11	100.0	100.0	99.9	97.6	79.6	49.9	24.0	10.3	2.2	61.8	1116
	12-14	100.0	99.8	96.3	80.0	52.3	25.8	13.1	4.7	1.2	52.9	1116
	15-17	100.0	99.2	91.8	67.8	40.5	23.6	12.6	5.6	1.3	49.9	1116
	18-20	100.0	100.0	96.1	84.6	64.2	44.3	23.5	9.9	2.8	58.2	1116
	21-23	100.0	100.0	100.0	99.4	95.2	82.9	58.0	29.0	9.6	73.1	1027
TOTALS		100.0	99.9	98.0	91.2	78.8	64.3	47.6	27.9	10.5	67.5	8621

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.3	95.4	83.5	49.3	15.1	80.0	989
	03-05	100.0	100.0	100.0	100.0	99.6	99.0	92.3	63.9	23.1	83.6	1049
	06-08	100.0	100.0	100.0	99.8	98.7	88.9	66.7	31.3	5.7	75.0	1168
	09-11	100.0	100.0	99.4	93.4	79.3	52.4	25.1	8.3	1.0	61.8	1169
	12-14	100.0	99.7	97.6	82.4	52.2	26.9	14.1	4.7	.6	53.2	1169
	15-17	100.0	99.1	90.3	69.6	42.8	23.1	13.8	6.3	.9	50.4	1170
	18-20	100.0	99.7	95.4	81.3	60.4	38.3	21.9	11.2	2.4	56.7	1169
	21-23	100.0	100.0	99.9	99.0	92.0	77.0	52.0	25.8	7.2	70.9	1049
TOTALS		100.0	99.8	97.6	90.9	78.1	62.9	46.2	25.1	7.0	66.5	8932

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70 JUL

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%		
JUL	00-02	100.0	100.0	100.0	100.0	99.7	93.9	74.4	41.4	9.1	77.9	984
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	86.5	58.2	20.2	82.5	1051
	06-08	100.0	100.0	100.0	99.9	98.3	89.2	66.9	31.0	6.8	75.0	1179
	09-11	100.0	100.0	99.7	96.0	77.4	44.0	20.3	5.9	.5	60.0	1182
	12-14	100.0	100.0	97.1	77.1	41.4	18.6	7.0	2.0	.3	49.9	1182
	15-17	100.0	98.9	90.4	58.9	32.7	14.2	6.5	2.8	.6	46.1	1178
	18-20	100.0	99.4	94.9	77.9	50.0	25.8	10.4	3.7	1.4	51.9	1178
	21-23	100.0	100.0	99.8	98.4	89.5	68.5	41.8	18.1	2.1	67.5	1051
TOTALS		100.0	99.8	97.7	88.5	73.6	56.7	39.2	20.4	5.1	63.9	8985

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DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 FORT LEWIS WASHINGTON/GRAY AAF 39,60-70 AUG
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%		
AUG	00-02	100,0	100,0	100,0	99,6	97,5	91,2	78,2	48,3	13,7	78,6	855
	03-05	100,0	100,0	100,0	100,0	99,5	96,3	86,4	61,1	22,9	82,8	942
	06-08	100,0	100,0	100,0	100,0	98,5	92,4	76,0	42,7	11,2	78,1	1116
	09-11	100,0	100,0	99,5	95,3	81,1	54,9	28,0	11,1	1,1	62,7	1116
	12-14	100,0	99,3	94,9	78,2	50,7	23,8	9,4	3,9	,6	51,7	1116
	15-17	100,0	97,9	87,6	65,6	40,8	21,1	10,8	5,1	1,3	48,7	1116
	18-20	100,0	99,5	95,0	79,6	60,9	38,5	20,5	10,6	1,8	56,2	1116
	21-23	100,0	100,0	99,7	97,0	89,6	74,8	49,8	23,8	5,6	69,7	941
TOTALS		100,0	99,6	97,1	89,4	77,3	61,6	44,9	25,8	7,3	66,1	8318

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 39,60-70 PERIOD | SEP 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%		
SEP	00-02	100.0	100.0	100.0	100.0	99.9	97.9	88.9	65.3	28.1	84.0	897
	03-05	100.0	100.0	100.0	100.0	99.9	99.0	93.6	74.9	35.8	86.6	956
	06-08	100.0	100.0	100.0	99.9	99.5	98.7	92.0	67.2	29.8	84.7	1075
	09-11	100.0	100.0	99.5	98.1	90.7	70.8	46.2	23.9	4.9	69.3	1076
	12-14	100.0	99.5	97.2	86.6	64.3	39.6	20.1	9.5	.6	57.3	1077
	15-17	100.0	99.4	94.0	77.3	54.7	32.6	16.8	8.3	.6	53.8	1077
	18-20	100.0	99.8	98.0	92.7	79.7	60.7	38.6	19.4	3.9	65.1	1075
	21-23	100.0	100.0	99.6	99.3	97.3	89.8	73.4	46.7	13.1	77.6	937
TOTALS		100.0	99.8	98.6	94.2	85.8	73.6	58.7	39.4	14.6	72.3	9190

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,60-70 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.7	98.9	97.2	82.9	42.2	88.1	896
	03-05	100.0	100.0	99.9	99.8	99.6	99.2	96.7	85.2	48.6	88.9	947
	06-08	100.0	100.0	99.7	99.7	99.5	98.7	94.3	80.1	44.4	87.4	1116
	09-11	100.0	100.0	99.6	99.2	97.7	90.0	73.4	42.7	14.5	77.8	1116
	12-14	100.0	99.9	99.1	97.1	88.1	66.0	38.8	16.8	3.6	66.6	1116
	15-17	100.0	99.6	99.1	96.6	85.4	63.6	40.9	19.6	4.7	66.6	1115
	18-20	100.0	100.0	99.6	99.4	98.1	93.1	79.6	50.4	15.7	79.5	1116
	21-23	100.0	100.0	99.8	99.8	99.5	97.9	94.5	72.9	33.4	85.6	1003
TOTALS		100.0	99.9	99.6	99.0	96.0	88.4	76.9	56.3	25.9	80.1	8425

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 (STATION) FORT LEWIS WASHINGTON/GRAY AAF (STATION NAME) 39,00-70 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.6	98.8	96.4	84.9	45.2	88.6	810
	03-05	100.0	100.0	100.0	100.0	100.0	99.3	97.9	85.7	47.2	89.2	810
	06-08	100.0	100.0	100.0	99.7	99.6	98.4	96.2	84.3	43.1	88.3	1078
	09-11	100.0	100.0	99.9	99.7	98.3	95.6	87.6	65.3	26.2	83.1	1080
	12-14	100.0	100.0	99.4	98.5	95.3	84.0	63.5	35.5	12.3	74.8	1080
	15-17	100.0	100.0	99.7	99.0	96.2	87.5	70.0	42.8	14.4	76.7	1080
	18-20	100.0	100.0	100.0	99.9	99.4	97.9	92.4	73.8	31.6	85.4	1080
	21-23	100.0	100.0	100.0	99.9	99.6	98.0	95.7	80.4	40.8	87.5	1019
TOTALS		100.0	100.0	99.9	99.6	98.5	95.1	87.5	69.1	32.9	8 .2	8037

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24201 STATION | FORT LEWIS WASHINGTON/GRAY AAF STATION NAME | 59,60-70 PERIOD | DEC 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%		
DEC	00-02	100.0	100.0	100.0	99.6	98.8	97.4	91.9	76.2	38.9	86.0	928
	03-05	100.0	100.0	100.0	99.4	96.9	98.4	94.5	76.3	40.6	86.6	929
	06-08	100.0	100.0	100.0	99.7	99.3	98.1	93.5	77.2	35.7	86.0	1116
	09-11	100.0	100.0	100.0	99.6	98.7	96.0	88.5	65.4	26.4	83.1	1116
	12-14	100.0	100.0	100.0	99.1	97.0	90.9	75.7	47.3	14.0	78.1	1116
	15-17	100.0	100.0	100.0	99.7	97.5	93.9	81.0	53.0	16.8	80.0	1116
	18-20	100.0	100.0	100.0	100.0	99.6	97.9	91.7	70.9	29.7	84.6	1114
	21-23	100.0	100.0	100.0	99.8	99.3	96.9	90.6	74.3	36.4	85.4	1054
TOTALS		100.0	100.0	100.0	99.6	96.6	96.2	88.4	67.6	29.8	83.7	8489

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DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

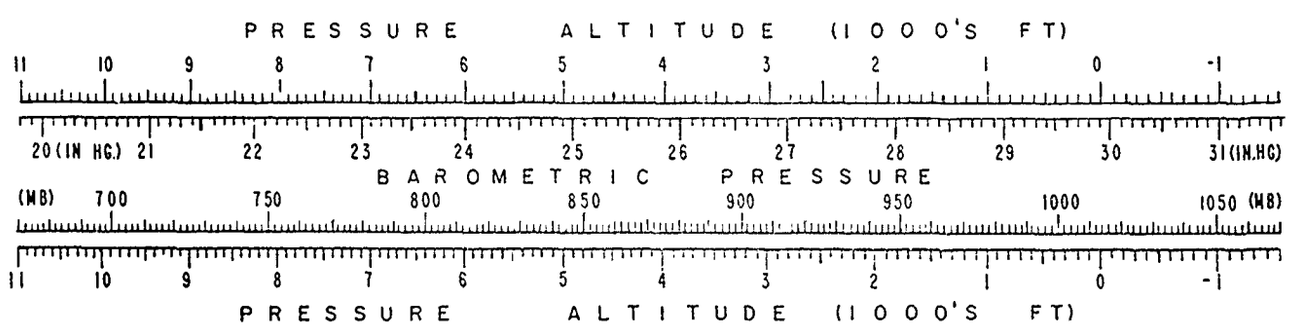
PART F PRESSURE SUMMARY

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 to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure 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.



F

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24201 FORT LEWIS WASHINGTON/GRAY AAF 60-63,65-70
STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	29.722	29.672	29.672	29.72[illegible]	29.728	29.711	29.725	29.70[illegible]	29.68[illegible]	29.702	29.65[illegible]	29.710	29.700
	S D	.300	.238	.237	.196	.148	.110	.095	.095	.137	.228	.233	.300	.207
	TOTAL OBS	217	197	217	210	205	210	216	224	240	237	210	248	2631
04	MEAN	29.724	29.673	29.672	29.717	29.729	29.714	29.732	29.70[illegible]	29.689	29.69[illegible]	29.651	29.713	29.699
	S D	.302	.243	.243	.207	.142	.119	.094	.093	.140	.225	.232	.297	.210
	TOTAL OBS	217	197	217	210	205	210	217	224	240	237	210	248	2631
07	MEAN	29.70[illegible]	29.66[illegible]	29.675	29.733	29.75[illegible]	29.715	29.75[illegible]	29.71[illegible]	29.70[illegible]	29.70[illegible]	29.66[illegible]	29.69[illegible]	29.707
	S D	.304	.249	.255	.205	.152	.122	.093	.103	.147	.222	.255	.295	.219
	TOTAL OBS	248	225	248	240	248	270	279	310	299	310	300	310	3297
10	MEAN	29.721	29.702	29.691	29.746	29.752	29.715	29.753	29.723	29.713	29.72[illegible]	29.674	29.70[illegible]	29.718
	S D	.307	.252	.255	.202	.150	.121	.094	.105	.147	.221	.260	.302	.214
	TOTAL OBS	248	225	248	240	248	270	279	310	300	310	300	310	3298
13	MEAN	29.69[illegible]	29.66[illegible]	29.674	29.731	29.735	29.703	29.736	29.70[illegible]	29.69[illegible]	29.71[illegible]	29.66[illegible]	29.69[illegible]	29.700
	S D	.305	.251	.248	.194	.147	.122	.093	.104	.142	.226	.255	.303	.212
	TOTAL OBS	248	225	248	240	248	270	279	310	300	309	300	310	3287
16	MEAN	29.690	29.667	29.652	29.712	29.713	29.684	29.710	29.675	29.673	29.68[illegible]	29.647	29.66[illegible]	29.683
	S D	.303	.245	.239	.185	.143	.123	.095	.100	.136	.224	.247	.300	.207
	TOTAL OBS	248	225	248	240	248	270	279	310	300	310	300	310	3288
19	MEAN	29.697	29.671	29.662	29.711	29.709	29.676	29.698	29.667	29.670	29.691	29.649	29.685	29.681
	S D	.304	.239	.235	.184	.141	.122	.096	.097	.134	.226	.248	.298	.206
	TOTAL OBS	248	225	248	240	248	270	279	310	300	310	300	310	3288
22	MEAN	29.703	29.683	29.675	29.728	29.724	29.711	29.719	29.691	29.688	29.71[illegible]	29.667	29.69[illegible]	29.697
	S D	.305	.239	.236	.188	.141	.116	.097	.094	.135	.219	.250	.295	.213
	TOTAL OBS	248	225	248	235	204	210	217	222	240	241	300	310	2900
ALL HOURS	MEAN	29.706	29.681	29.667	29.723	29.730	29.703	29.725	29.697	29.690	29.704	29.656	29.695	29.698
	S D	.304	.244	.244	.195	.146	.121	.096	.102	.141	.224	.248	.299	.211
	TOTAL OBS	1922	1744	1922	1855	1854	1960	2045	2212	2219	2254	2220	2356	24619

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24201 FORT LEWIS WASHINGTON/GRAY AAF 39-40,60-70

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1017.5	1017.4	1016.5	1015.2	1013.3	1011.4	1011.7	1013.1	1016.9	1017.7	1018.3	1016.7	1015.4
	S D	10.373	8.869	8.210	6.754	4.811	4.062	3.433	3.397	4.454	7.490	8.153	10.633	7.165
	TOTAL OBS	310	282	310	329	329	330	331	264	300	299	270	310	3664
04	MEAN	1017.5	1017.3	1016.2	1014.8	1013.1	1011.3	1011.5	1013.0	1016.9	1017.5	1018.1	1016.5	1015.0	1013.9
	S D	10.441	9.059	8.409	6.915	4.776	4.062	3.448	3.476	4.909	7.535	8.662	10.424	7.225
	TOTAL OBS	310	283	310	330	329	330	332	265	300	299	270	309	3447
07	MEAN	1017.1	1017.0	1016.9	1015.6	1013.0	1011.7	1011.7	1013.0	1017.4	1017.8	1018.4	1016.4	1015.0	1013.9
	S D	10.417	9.091	8.697	6.975	4.974	4.172	3.408	3.581	5.121	7.515	8.738	10.558	7.325
	TOTAL OBS	341	311	341	359	371	390	394	372	359	372	353	372	4341
10	MEAN	1017.7	1018.1	1017.4	1015.9	1013.9	1011.9	1011.7	1013.7	1017.9	1018.5	1018.3	1017.0	1015.7	1014.5
	S D	10.389	9.192	8.708	6.790	4.978	4.117	3.408	3.588	5.135	7.660	8.857	10.563	7.345
	TOTAL OBS	341	311	341	360	372	390	394	372	360	372	360	372	4345
13	MEAN	1016.9	1017.4	1016.7	1015.4	1013.4	1011.4	1011.7	1013.1	1017.2	1017.7	1017.7	1016.3	1014.4	1013.3
	S D	10.503	9.104	8.473	6.626	4.981	4.129	3.392	3.564	4.951	7.578	8.655	10.435	7.254
	TOTAL OBS	349	311	341	360	372	390	394	372	360	372	360	372	4343
16	MEAN	1016.7	1017.0	1016.0	1014.7	1012.6	1011.6	1011.2	1012.6	1016.3	1016.4	1017.2	1016.0	1014.3	1013.2
	S D	10.454	8.867	8.221	6.368	4.857	4.149	3.415	3.476	4.726	7.478	8.418	10.347	7.100
	TOTAL OBS	341	311	341	360	372	390	393	372	360	372	360	371	4343
19	MEAN	1017.0	1017.2	1016.2	1014.7	1012.5	1011.4	1011.9	1013.3	1016.9	1016.9	1017.3	1016.1	1014.3	1013.2
	S D	10.391	8.745	8.095	6.310	4.778	4.078	3.416	3.392	4.691	7.604	8.474	10.373	7.089
	TOTAL OBS	341	311	341	360	372	390	393	372	360	372	360	370	4342
22	MEAN	1017.2	1017.5	1016.5	1014.8	1013.1	1011.4	1011.5	1013.0	1016.8	1016.9	1017.5	1016.1	1014.7	1013.6
	S D	10.430	8.908	8.114	6.424	4.741	3.960	3.463	3.393	4.746	7.547	8.624	10.292	7.275
	TOTAL OBS	341	311	341	355	327	330	331	284	330	329	359	371	3973
ALL HOURS	MEAN	1017.2	1017.4	1016.6	1015.3	1013.1	1011.7	1011.9	1013.1	1017.0	1017.7	1018.3	1016.6	1015.1	1013.9
	S D	10.447	8.960	8.370	6.652	4.893	4.118	3.472	3.539	4.914	7.551	8.521	10.471	7.231
	TOTAL OBS	2604	2432	2606	2813	2844	2940	2962	2714	2699	2781	2695	2847	33060

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