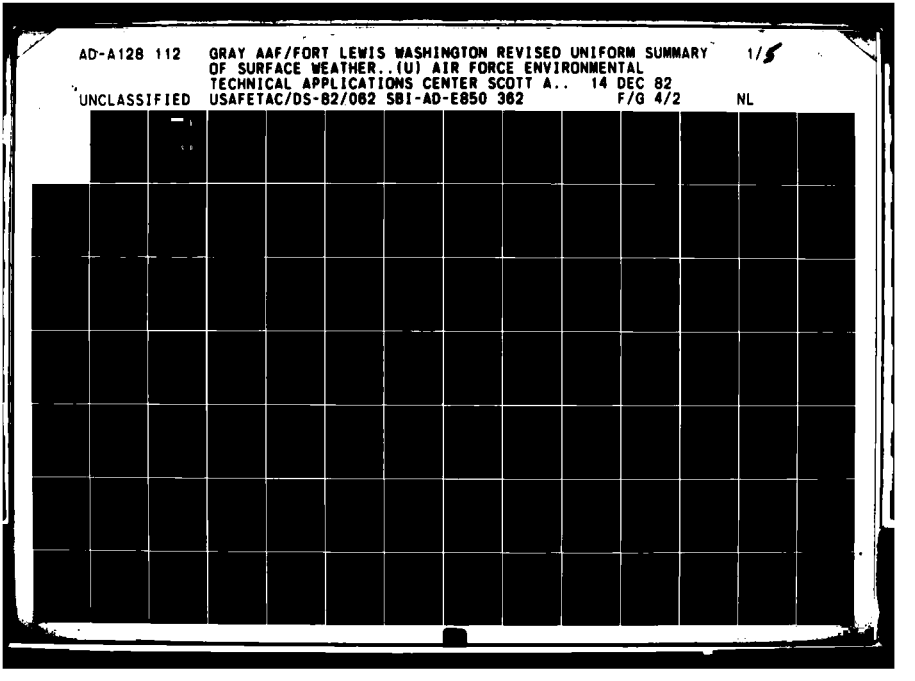
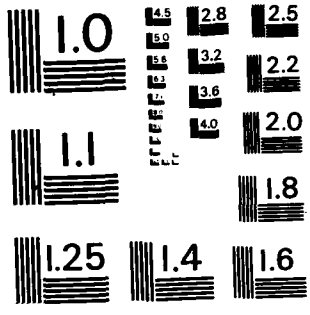
AD-A128 112 GRAY AAF/FORT LEWIS WASHINGTON REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 14 DEC 82 1/5

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GRAY AAF/FT LEWIS Wa WBAN #742070
N 47 05 W 122 35 FLD ELEV 301 FT GMT

PARIS M-F
POR FROM HOURLY OBS: JAN 73 - DEC 81

POR FROM DAILY OBS: APR 39 - JUL 40, JUNE 60 - DEC 81

TIME CONVERSION GMT TO LST: -8

DEC 10 1982

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Wayne E. McCollom

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1 REPORT NUMBER: USAFETAC/DS- 82/062	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- GRAY AAF/FT LEWIS, WA		5 TYPE OF REPORT & PERIOD COVERED: Final rept. 6 PERFORMING ORG. REPORT NUMBER
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16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18 SUPPLEMENTARY NOTES

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

*RUSSWO	Daily temperatures	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometeric 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 statisitical summary of surface weather observations for GRAY AAF/FT LEWIS, WA. 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. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables, Fort Hood, Fort Lewis

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 occurance or cumulative percentage frequency of occuring tables.

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour 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
742070	FORT LEWIS WASHINGTON/GRAY AAF	N 47 05	W 122 35	301	GRF	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)	MSL 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	Sep 71	No chge	No chge	No chge	No chge	17
7	No change	AAF	Oct 71	Sep 72	No chge	No chge	No chge	No chge	24
8	No change	AAF	Oct 72	Dec 75	No chge	No chge	No chge	285	No chge
9	No change	AAF	Jan 76	Aug 82	No chge	No chge	301	No chge	No chge

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	

CONTINUED ON REVERSE SIDE

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	
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 Oct 71	No change	No chge	RO-214	No chge	
6	Nov 71 to Sep 72	No Change	No chge	RO-362	No chge	
	Oct 72 to Aug 82	No Change	AN/GMQ 11/20	No chge	No chge	

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

WEATHER CONDITIONS

... AAF/FT LEWIS WA ... JAN
STATION NAME YEARS MONTH

... CENTAGE 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	0-2		20.5		2.4		23.0	33.4	1.7			33.4	523
	3-5		21.3	.2	2.0		24.7	36.4	1.5			37.3	522
	6-8		23.7	.6	1.8		25.7	34.5	1.8			35.5	522
	9-11		20.3	.5	2.6		22.7	33.1	3.2			34.7	521
	12-14		20.7		2.4		22.7	34.5	3.0			36.2	522
	15-17		24.5		2.3		26.6	31.3	4.4			37.2	522
	18-20		21.0		1.7		23.6	34.8	2.3			36.3	522
	21-23		21.7		1.6		21.4	31.7	1.3			31.5	522
TOTALS			21.5	.2	2.1		23.9	33.7	2.5			35.9	6577

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WEATHER CONDITIONS

[illegible] AY AAFB/FT LE[illegible]IS [illegible]A 73-81 FE-
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	0-[illegible]		2[illegible].2		.9		23.[illegible]	26.8	1.4			[illegible]7.6	76[illegible]
	[illegible]-[illegible]		24.5		1.4		26.[illegible]	29.7	1.[illegible]			[illegible]0.1	76[illegible]
	[illegible]-[illegible]		24.[illegible]	.3	2.1		[illegible]7.	[illegible]1.6	1.3			[illegible]2.[illegible]	7[illegible]
	9-11		[illegible].7	.3	2.		22.6	25.1	2.9			[illegible]5.2	76[illegible]
	12-14		[illegible]1.1		1.6	.3	22.4	12.1	[illegible].1			1[illegible].1	76[illegible]
	15-17		23.4		1.	.3	24.[illegible]	9.2	1.5			1[illegible].[illegible]	76[illegible]
	[illegible]-21		22.9		1.2		23.9	12.7	3.3			14.[illegible]	76[illegible]
	1-23		[illegible]1.4		1.[illegible]		22.6	19.2	1.2			1[illegible].[illegible]	76[illegible]
TOTALS			[illegible]2.[illegible]	.1	1.4	.1	23.9	[illegible]3.8	1.9			[illegible]1.[illegible]	6[illegible]96

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WEATHER CONDITIONS

72 GRAY AAF/FT LEWIS WA 73-81 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	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	0-02		15.2		.2		15.4	9.7	.2			9.8	837
	03-05		13.3		.5		13.6	14.9	.5			14.9	837
	06-08		18.9		.4		19.0	20.4	1.6			21.1	837
	09-11		19.6		.1		19.7	12.3	3.1			14.0	837
	12-14	.1	3.7		.4		20.8	4.1	1.1			4.8	837
	15-17		20.9		.2	.2	21.1	3.1	1.2			4.1	837
	18-20	.1	18.7		.5		19.0	3.1	.6			3.6	836
	21-23		15.2		.4		15.2	5.4	1.1			6.6	837
TOTALS		.0	18.8		.3	.1	19.0	9.1	1.2			9.7	6695

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WEATHER CONDITIONS

...7... GRAY AAF/FT LEWIS WA | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AP...	0-02	.4	14.3				14.3	5.7	.4			5.6	810
	03-05	.1	16.5				16.5	12.3	1.0			12.7	810
	6-8		14.1		.2		14.3	15.6	1.7			15.8	810
	9-11	.1	14.2				14.2	4.4	3.0			6.9	810
	12-14	.1	17.2		.1	.1	17.2	1.6	.5			2.1	810
	15-17	.1	14.1		.1		14.1	.7	.4			1.1	810
	18-2		15.9		.2		15.9	2.1				2.1	810
	21-23		14.0				14.0	2.5				2.5	810
TOTALS		.1	15.1		.1	.1	15.1	5.6	.9			6.1	6480

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WEATHER CONDITIONS

74 75 STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		11.6				11.6	1.9				1.9	837
	03-05		14.8				14.8	4.5				4.5	837
	06-08		11.6				11.6	6.6	.4			6.9	837
	09-11		12.1				12.1	2.6	.4			2.7	837
	12-14		13.4				13.4	1.3	.1		.1	1.6	837
	15-17	.4	15.1			.1	15.1	1.4	.1		.1	1.7	837
	18-20	.5	11.9				11.9	1.4			.2	1.7	837
	21-23	.1	11.4				10.4	2.0				2.0	837
TOTALS		.1	12.5			.0	12.5	2.7	.1		.1	2.9	6696

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WEATHER CONDITIONS

7	GRAY AAF/FT LEWIS WA	73-81	JUN
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
JUN	0-02		7.[illegible]				7.[illegible]	3.2	.5			3.6	810
	03-05		9.5				9.5	4.9				4.9	81[illegible]
	6-08		9.8				9.8	8.4	.7			9.[illegible]	81[illegible]
	[illegible]-11		9.9				9.9	4.1	1.2			[illegible].1	81[illegible]
	12-14	.1	1[illegible].1				1[illegible].1	1.5	1.[illegible]			2.6	81[illegible]
	15-17	.2	8.1				8.1	2.3	.1			2.5	81[illegible]
	18-2[illegible]		6.8				6.8	2.8	.5		.1	3.[illegible]	81[illegible]
	21-23		6.7				6.7	1.9	.4		.1	2.3	81[illegible]
TOTALS		.0	[illegible].5				8.5	3.6	.6		.0	4.2	648[illegible]

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WEATHER CONDITIONS

74[illegible] GRAY AAF/FT LEWIS WA — 73-61 — JUL
STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	0-02		2.9				2.9	.6	.6			1.2	937
	03-05		3.3				3.3	5.6	.7			5.4	937
	6-08	.1	6.7				6.7	10.6	1.2		.1	11.6	937
	9-11		5.3				5.3	3.6	1.4			4.4	937
	12-14	.5	4.9				4.9	.1	.5			.6	937
	15-17	.5	4.8				4.8	.4				.4	937
	18-20		3.5				3.5	.7	.7			1.4	937
	21-23	.1	2.9				2.9	.5	.6			1.1	937
TOTALS		.2	4.3				4.3	2.8	.7		.0	3.3	6696

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WEATHER CONDITIONS

7[illegible]770 GRAY AAF/FT LEWIS WA 73-81 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	0-2	.1	6.5				6.5	6.8	.5			[illegible]	937
	3-5	.2	6.5				6.5	17.7	.8			17.9	937
	6-8	.1	7.6				7.6	[illegible].3	1.2			[illegible]	937
	9-11	.2	6.9				6.9	14.2	4.5			16.7	937
	12-14	.6	9.2				9.2	4.2	1.1			5.2	937
	15-17	.2	9.9				9.9	3.3	.7			3.7	937
	18-20	.4	9.2				9.2	2.9	.7			3.3	937
	21-23	.1	6.0				6.0	3.6	.1			3.7	937
TOTALS		.2	7.7				7.7	10.4	1.2			11.1	6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

743270 GRAY AAF/FT LEWIS WA 73-81 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		10.0				10.0	13.8	1.1			14.2	810
	03-05		9.9				9.9	24.0	1.2			24.4	810
	6-08		12.1				12.1	34.6	2.7			36.3	810
	9-11	.1	3.8				6.8	16.3	5.8			21.[illegible]	810
	12-14	.4	9.8				9.8	6.4	3.5			8.6	810
	15-17	.1	11.6				11.6	4.7	1.6			5.8	810
	18-20		9.9				9.9	5.7	1.7			7.[illegible]	810
	21-23		9.3				9.3	7.8	.7			8.1	810
TOTALS		.1	10.2				10.2	14.2	2.3			15.7	6480

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

...L BAL CLIMATOLOGY BRANCH
...SFLTAC
A... ...EATHER SERVICE/MAC

WEATHER CONDITIONS

... ...RAY AAF/FT LEWIS WA 73-81 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	0-02		11.[illegible]				11.[illegible]	33.7	2.7			34.4	837
	03-05		13.4				13.4	39.2	1.9			4[illegible].0	837
	6-08		14.1				14.1	44.8	2.4			4[illegible].8	837
	9-11		13.[illegible]				13.0	28.4	7.3			33.0	837
	12-14		14.9				14.9	13.4	8.5			16.6	837
	15-17		15.2				15.2	5.0	4.3			8.5	837
	18-20		12.7				12.7	7.4	4.9			17.0	837
	21-23		11.8				11.8	18.0	3.2			19.4	837
TOTALS			13.3				13.3	23.4	4.4			26.0	6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

74[illegible]70 GRAY AAF/FT LEWIS WA 73-81 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	0-02		22.5		1.2		23.5	29.8	.6			[illegible].1	810
	03-05		20.2		1.1		21.4	33.6	.9			71.2	810
	6-08		20.5		.7		21.1	29.9	1.4			3[illegible].5	810
	9-11		17.3		.6		17.8	25.8	4.4			27.9	810
	12-14		[illegible].0		.7		20.7	17.2	5.2			19.9	810
	15-17		21.5		1.[illegible]		22.3	16.3	5.4			19.6	810
	18-20		23.6		.9		24.1	20.7	4.2			22.8	810
	21-23		22.1		1.4		23.3	25.8	2.6			26.9	810
TOTALS			21.[illegible]		1.[illegible]		21.8	24.5	3.1			25.1	6480

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[redacted] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | DEC 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	0-02		24.8		1.4		25.7	31.9	1.6			33.7	812
	03-05		25.2		2.1		26.7	31.4	.9			31.9	809
	06-08		24.7		1.5		25.9	29.1	1.1			29.8	810
	09-11		25.9		1.0		26.7	27.4	2.5			28.9	810
	12-14		25.9		.6		26.2	25.0	2.5			28.8	808
	15-17		27.6		.9		28.5	32.3	2.1			33.3	803
	18-20		26.7		1.1	.1	27.5	27.5	1.4			27.8	801
	21-23		26.2	.1	1.1		27.0	28.2	1.0			28.8	801
TOTALS			25.9	.0	1.2	.0	26.8	27.2	1.6			28.0	6454

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — ALL
STATION — STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		21.6	.2	2.1		23.8	29.7	2.3			30.9	6577
FEB			22.6	.1	1.4	.1	23.9	20.8	1.9			21.7	6 96
MAR		.0	18.8		.3	.0	19.0	9.1	1.2			9.7	6695
APR		.1	13.7		.1	.0	15.1	5.6	.9			6.1	6487
MAY		.1	12.5			.0	12.5	2.7	.1		.1	2.9	6696
JUN		.0	8.5				8.5	3.6	.6		.0	4.2	6480
JUL		.2	4.3				4.3	2.6	.7		.0	3.3	6696
AUG		.2	7.7				7.7	10.4	1.2			11.1	6696
SEP		.1	10.2				10.2	14.2	2.3			15.7	6480
OCT			13.3				13.3	23.4	4.4			26.7	6696
NOV			21.0		1.0		21.8	24.5	3.1			26.1	6480
DEC			25.9	.0	1.2	.0	26.8	27.2	1.6			28.1	6454
TOTALS		.1	15.1	.0	.5	.0	15.6	14.5	1.7		.0	15.5	78526

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

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.

(2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.

(3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

[illegible] GRAY AAF/FT LEWIS WA — 61-81 — YEARS — ALL MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY	.2	64.8	1.3	2.2	.6	71.6	56.9	30.5	.3		61.4	647
FEB		.3	67.9	.5	9.4	.3	78.3	60.4	34.4			63.4	576
MAR		.5	62.7		9.9	2.4	64.9	38.6	21.3			41.7	639
APR		2.9	61.3		4.4	3.7	61.6	30.5	16.5			33.5	620
MAY		2.7	51.9		1.7	1.9	52.9	21.7	8.5			23.1	623
JUN		1.9	45.8			1.3	45.8	20.9	11.8			24.9	626
JUL		2.2	28.3			.2	28.3	18.9	13.4			23.3	636
AUG		3.2	36.7				36.7	35.0	23.6			41.2	622
SEP		2.9	42.7			.3	42.7	50.3	35.2			56.1	629
OCT		.6	35.5		.2	.6	55.5	59.4	36.3			62.4	651
NOV		.2	73.8		3.6	.9	74.6	55.7	27.5			57.6	637
DEC		.3	74.4	.8	16.0	.2	80.0	60.7	28.2			64.6	664
TOTALS		1.5	55.4	.2	5.4	1.1	56.9	42.4	23.6	.2		46.1	7582

USAFETAC FORM 0-10-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.

2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

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

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

Continued on Reverse Side

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

NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.

(2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.

(3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 57	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

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	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4			MEAN	GREATEST	LEAST
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	[illegible]	[illegible]	[illegible]	1.5	[illegible]	15.9	14.1	[illegible]	[illegible]					[illegible]	678	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.3	12.9	7.4	1.9					59.3	672	4.51	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.9	10.7	6.2	.4					[illegible]	682	[illegible]	[illegible]	[illegible]
APR	[illegible]	[illegible]	4.1	[illegible]	[illegible]	12.3	9.1	3.3	1.7					47.2	69[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]	3.5	[illegible]	[illegible]	8.3	5.2	2.1	.7					34.[illegible]	713	1.74	4.23	[illegible]
JUN	[illegible]	[illegible]	2.2	7.2	3.5	6.7	4.6	2.3	.4					26.[illegible]	720	[illegible]	[illegible]	[illegible]
JUL	[illegible]	[illegible]	1.4	4.5	[illegible]	[illegible]	1.4	1.1	.3					16.2	735	[illegible]	[illegible]	[illegible]
AUG	[illegible]	[illegible]	1.9	6.3	[illegible]	4.3	2.7	2.1	.9					21.9	[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]	[illegible]	1.9	5.7	4.3	7.7	5.3	3.3	.4					29.4	690	[illegible]	[illegible]	[illegible]
OCT	[illegible]	[illegible]	3.5	9.3	4.4	11.2	7.[illegible]	[illegible]	1.[illegible]	.1				41.6	712	[illegible]	[illegible]	[illegible]
NOV	[illegible]	[illegible]	3.9	11.0	[illegible]	14.1	11.4	[illegible]	[illegible]	.1				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	[illegible]	[illegible]	11.7	[illegible]	16.3	14.2	10.3	3.5					67.4	652	[illegible]	[illegible]	[illegible]
ANNUAL	[illegible]	[illegible]	2.9	8.8	[illegible]	[illegible]	9.2	[illegible]	1.3	.2				43.2	8319	[illegible]		

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION: [illegible] STATION NAME [illegible] YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
				.11	.54	.76	.74	.63	.2	.2	.31	.	
	.77	1.53	.79	1.22	.54	.24	.34						
						.22	TRACE	.50	.21	1.31	1.67	.21	
	.21	1.53	.54	.21	.69	.47	.66	.51	.39	.6	1.16	.92	1.67
	.81	.53	.46	.98	.7	.36	.11	.54	.61	1.7	2.57	.7	.67
	1.23	1.47	.73	.76	.47	.24	.61	.77	.47	.78	.8	.82	1.47
	1.29	.26	.49	.29	.30	.83	.42	.43	1.51	.35	1.19	1.47	.47
3	1.13	.24	.22	1.57	.79	.71	.41	.34	.22	.56	.41	1.12	1.57
6	.47	.51	.59	1.71	1.12	.41	.60	.11	.91	.82	1.35	1.17	1.71
6	1.0	.3	.40	.66	.22	1.13	.16	TRACE	.50*	1.23	.72	.85	1.23
5	.77	1.16	1.43	.87	.83	1.46	.20*	1.30	.72	.41	.87	.11	1.46
6	.61	1.32	.42	.46	.67	.41	.10	.75	.60	.32	1.25	.59	1.32
	1.63	1.35	.89	1.12	.31	.67	.13	.14	.61	.66	.94	1.27	1.27
	1.39	.64	1.24	.93	.59	.93	.34	.41	.72	1.6	.61	.94	1.39
	1.71	1.63	.27	.65	.48	.70	.30	.35	1.20	.13	.79	.89	1.71
	.41	.39	.66	1.3	.59	.61	.01	.25	.61	1.52	1.12	.71	1.52
74	1.41	.25	.56	.61	.48	.68	.58	.70	.45	.76	1.12	.7	1.41
	1.2	1.08	.89	1.22	.56	.35	.17	1.17	.71	.36	.92	1.21	1.22
76	1.79	.81	.71	.38	.63	.43	.96	1.16	.87	.74	.30	.7	1.79
77	.21	.67	.79	.23	1.23	.53	.21	1.63	.75	.42	1.25	1.19	1.63
7	.51	.59	.51	.98	.73	.41	.66	.76	1.52	.19	1.35	.73	1.52
7	.59	1.96	.49	.46	.51	.37	1.31	.7	.74	.82	.71	1.89	1.96
	.48	.68	.59	1.11	.57	.79	.16	.74	.47	.67	1.55*	1.35	1.55*
	.7	1.17	.99	.58	.30	1.41	.59	.32	.80	2.71	1.20*	1.14	2.71
MEAN	1.03	1.23	.759	.736	.554	.6 5	.459	.519	.463	.463	1.77	1.03	1.231
S.D.	.435	.477	.419	.367	.239	.314	.367	.412	.378	.454	.489	.4 2	.335
TOTAL OBS.	67	622	682	693	713	72	735	705	69	71	69	64	7

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] METEOROLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

EXTREME VALUES

[illegible] MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

[illegible] BY PATRICK LEWIS AFB [illegible] 6 -8
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]				.74	.50	1.27	1.33	.92	.72	2.07	[illegible]	.	
[illegible]	1.95	0.66	.52	7.09	1.52	.48	.3[illegible]						
[illegible]						.87	TRACE	1.1[illegible]	.71	4.67	2.04	[illegible]	
[illegible]	5.71	2.91	5.02	7.75	2.87	1.11	.75	.8[illegible]	.32	3.[illegible]5	5.57	[illegible]	[illegible]
[illegible]	1.[illegible]	2.11	2.40	[illegible].10	1.72	.9[illegible]	.27	1.01	2.15	7.[illegible]	11.[illegible]	7.[illegible]	[illegible]
[illegible]	2.4[illegible]	4.35	3.[illegible]	7.[illegible]	1.[illegible]	1.0[illegible]	1.5[illegible]	[illegible].1[illegible]	1.21	2.[illegible]	[illegible].[illegible]	4.[illegible]	[illegible]
[illegible]	1.3[illegible]	1.41	2.[illegible]	1.43	.[illegible]3	3.[illegible]	1.[illegible]	[illegible].11	2.44	1.21	[illegible].7[illegible]	[illegible]	[illegible]
[illegible]	6.[illegible]	7.99	.[illegible]4	4.[illegible]	1.[illegible]	.4[illegible]	.64	[illegible].43	.[illegible]4	2.64	4.37	[illegible]	[illegible]
[illegible]	4.[illegible]	1.[illegible]	4.[illegible]	2.[illegible]	1.63	2.[illegible]	1.[illegible]	.1[illegible]	2.56	3.[illegible]	[illegible].43	[illegible]	[illegible]
[illegible]	2.[illegible]	3.17	3.[illegible]	2.[illegible]	.[illegible]7	1.[illegible]	.[illegible]7	TRACE	[illegible].[illegible]	[illegible].[illegible]	[illegible].74	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	5.75	[illegible].[illegible]	1.[illegible]	2.[illegible]	2.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	4.[illegible]	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	6.[illegible]	[illegible].01	1.44	3.[illegible]	1.[illegible]	.[illegible]4	.24	.17	[illegible].[illegible]1	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	2.47	[illegible].[illegible]	1.29	.[illegible]	.31	.[illegible]	[illegible].[illegible]	2.[illegible]	[illegible].[illegible]	1[illegible].[illegible]	[illegible]
[illegible]	[illegible].[illegible]	3.[illegible]	[illegible].22	[illegible].[illegible]	1.[illegible]	[illegible].23	.[illegible]3	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].11	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].26	1.[illegible]	1.[illegible]	1.[illegible]	.[illegible]2	[illegible].[illegible]	[illegible].[illegible]	1.41	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	1.[illegible]	[illegible].[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].22	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].70	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	7.[illegible]	5.69	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]6	.27	[illegible].[illegible]	.[illegible]1	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	5.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]2	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	1.[illegible]	[illegible].27	[illegible].[illegible]	.[illegible]6	[illegible].23	.[illegible]2	.[illegible]3	[illegible].16	[illegible].[illegible]	2.[illegible]	[illegible].66	[illegible]	[illegible]
[illegible]	.[illegible]3	[illegible].[illegible]	[illegible].91	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	1.14	1.35	[illegible].[illegible]	.[illegible]	[illegible].51	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	.[illegible]3	1.[illegible]	1.[illegible]	[illegible].[illegible]	4.51	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	[illegible].[illegible]	3.[illegible]	[illegible].[illegible]	1.32	[illegible].[illegible]	.39	.97	1.99	1.[illegible]	[illegible].[illegible]	[illegible]	[illegible]
[illegible]	[illegible].[illegible]	6.59	[illegible].74	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	.77	.[illegible]	[illegible].[illegible]	[illegible].[illegible]	.[illegible]	[illegible]	[illegible]
MEAN	[illegible].[illegible]	[illegible].506	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	1.614	.[illegible]14	1.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]
S.D.	[illegible].[illegible]	[illegible].[illegible]	1.[illegible]	[illegible].[illegible]	.[illegible]16	1.[illegible]	.[illegible]63	1.[illegible]	1.[illegible]	1.[illegible]	[illegible].[illegible]	[illegible]	[illegible]
TOTAL OBS.	67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTE - (*) BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM JUL 84 0 88 5 (OLA)

2 [illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] OF WIC/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible]
(FROM DAILY OBSERVATIONS)

[illegible] STATION [illegible] STATION NAME 61-81 YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR. ABLE 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 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	[illegible]	11.7	2.2	2.2	[illegible]	1.4	[illegible]	[illegible]	[illegible]						[illegible]	547	[illegible]	[illegible]	[illegible]
FEB	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]	[illegible]							[illegible]	543	[illegible]	[illegible]	[illegible]
MAR	[illegible]	[illegible]	[illegible]	1.4		[illegible]			[illegible]						[illegible]	551	1.3	11.4	[illegible]
APR	[illegible]	4.5														[illegible]	[illegible]	[illegible]	[illegible]
MAY	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
JUN	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
JUL	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
AUG	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
SEP	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
OCT	[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
NOV	[illegible]	2.4	.6	.5		[illegible]		[illegible]							1.7	[illegible]	[illegible]	[illegible]	[illegible]
DEC	[illegible]	11.	2.2	[illegible]	1.3	[illegible]	[illegible]	[illegible]							6.5	674	2.4	14.	[illegible]
ANNUAL	[illegible]	[illegible]	.5	.6	[illegible]	.2	.1	.1	[illegible]						1.0	7871	[illegible]		

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

[redacted] CLIMATOLOGY BRANCH
AF ETAC
[redacted] WEATHER SERVICE/MAC

EXTREME VALUES

[redacted]

FROM DAILY OBSERVATIONS

STATION [redacted] STATION NAME [redacted] YEARS

[redacted] AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
		1.5	TRACE	TRACE	TRACE								
	TRACE	1.3									TRACE		
			TRACE	TRACE							TRACE		
		TRACE	.1								.1		
		.4	TRACE	TRACE									
		1.									TRACE	TRACE	
5		TRACE	TRACE	TRACE									
				TRACE									
		TRACE	TRACE										
				TRACE									
		.1		TRACE									
		TRACE		TRACE							TRACE		
		.2	TRACE	TRACE	TRACE								
			TRACE	TRACE	TRACE								
		1.2		TRACE									
77	TRACE		.2		TRACE						.5	TRACE	
7		TRACE		TRACE	TRACE						.1		
7	TRACE			TRACE									
		.4		TRACE									
		1.	TRACE	TRACE	TRACE						TRACE		
MEAN				TRACE	TRACE								
S.D.		1.44									1.41	1.41	
TOTAL OBS.		3											

TRACE = LESS THAN HALF UNIT(S)

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

EXTREME VALUES

(FROM DAILY OBSERVATIONS

STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
	.1	1.5	TRACE	TRACE	TRACE	.1	.1	.0	.0	.0	.1	.0	
	TRACE	.1	2.3	.1	.0	.1	.1	.0	.0	.0	TRACE	.0	
	.1	.1	TRACE	TRACE	.0	.1	.1	.0	.0	.0	TRACE	.1	
	.1	TRACE	1.1	.0	.0	.1	.1	.0	.0	.0	.1	.3	
	.4	TRACE	TRACE	.0	.0	.1	.1	.0	.0	.0	.1	.1	
	.1	1.3	11.9	.1	.0	.1	.1	.0	.0	.0	TRACE	TRACE	
	.1	TRACE	TRACE	TRACE	.0	.1	.1	.0	.0	.0	.0	.1	
	.1	.1	.1	TRACE	.0	.1	.1	.0	.0	.0	.1	.0	
	.2	TRACE	TRACE	.0	.0	.1	.1	.0	.0	.0	.1	.1	
	.1	.1	.0	TRACE	.0	.1	.1	.0	.0	.0	.1	.0	
	.1	.2	.2	TRACE	.0	.1	.2	.0	.0	.0	.1	.0	
	1.3	TRACE	.1	TRACE	.0	.1	.1	.0	.0	.0	TRACE	.1	
	.4	.3	.1	.1	.0	.1	.1	.0	.0	.0	.1	.0	
	.1	TRACE	TRACE	TRACE	TRACE	.1	.1	.0	.0	.0	.1	.0	
	.1	TRACE	TRACE	TRACE*	.0	.1	.1	.0	.0	.1	.2	.1	*
	.1	1.5	.1	TRACE	.0	.1	.1	.0	.0	.0	.0	.0	
	TRACE	.1	1.2	.1	TRACE	.1	.1	.0	.0	.0	.6	.2	
	.1	TRACE	.1	TRACE	TRACE	.1	.1	.0	.0	.0	.1	.1	
	TRACE	.1	.1	TRACE	.1	.1	.1	.0	.0	.0	.1	.0	
	1.2	.2	1.1	TRACE	.1	.1	.1	.0	.0	.0	.1	.2	
	.1	1.1	TRACE	TRACE	TRACE	.1	.1	.0	.0	.0	.1	TRACE	
MEAN	.4	.90	1.2	TRACE	TRACE	.01	.01	.00	.00	.01	.08	.02	.01
S.D.	.45	2.48	3.48	.003	.000	.011	.000	.000	.000	.10	2.37	.737	1.11
TOTAL OBS.	147	593	591	67	58	663	662	672	56	553	563	67	7211

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

2 [illegible] CLIMATOLOGY BRANCH
[illegible]TAC
A[illegible] SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible] DEPTH
(FROM DAILY OBSERVATIONS)

[illegible] STATION [illegible]AY AAF/FT LEWIS WA STATION NAME 1943-45, 60-61 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	[illegible]8.1	2.1	3.3	1.2	.7	1.2	1.[illegible]	.3							[illegible].3	6[illegible]7			
FEB	5.1	.1	.4	.2	.3	1.3									[illegible].4	6[illegible]			
MAR	[illegible]8.1	.4	.1	.1	.4	.1									[illegible].1	6[illegible]2			
APR	[illegible]7.1															6[illegible]1			
MAY	[illegible]3.1															[illegible]1[illegible]			
JUN	[illegible]3.1															[illegible]			
JUL	[illegible]8.1															[illegible]			
AUG	[illegible]8.1															713			
SEP	[illegible]9.1															6[illegible]			
OCT	[illegible]3.1															[illegible]1[illegible]			
NOV	[illegible]7.1	1.1	.3	.3	.3	.9	.1	.1							[illegible].1	6[illegible]			
DEC	[illegible]3.1	1.6	[illegible].6	1.1	.3	1.0	.4								[illegible].1	[illegible]5[illegible]			
ANNUAL	[illegible]7.1	.6	.5	.2	.2	.4	.2	.1							1.6	9348			

1210 WS FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
		TRACE											
		TRACE									2		
													1
		5	TRACE										
	TRACE		TRACE								1 TRACE	TRACE	1
	TRACE	1	TRACE								1		
	TRACE	TRACE										TRACE	
		5									1		
MEAN													
S D	2.03	1.875	1.405	.000	.000	.000	.000	.000	.000	.000	4.000	.000	.000
TOTAL OBS	6	522	56	60	713	720	735	713	690	713	90	7	7

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88 5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

C

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

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

a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.

b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

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

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR														
[illegible]							[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	2727	1718/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	3613/	[illegible]	2422/	[illegible]	1?23/	[illegible]	2620/	2621/	3117/	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	3?25/	[illegible]	2121/	2425/	[illegible]	1?24/	2219/	[illegible]	3119/	[illegible]	[illegible]
	[illegible]	[illegible]	371?/	?320/	2622/	422?/	2124/	[illegible]	2217/	2524/	[illegible]	[illegible]		[illegible]
	[illegible]	[illegible]	36??/	3421/	[illegible]	1722/	[illegible]	[illegible]	1237/	[illegible]	1?29/	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	2424/	237?/	253?/	1?22/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	2229/	?923/	2924/	2317/	1724/	2123/	1?29/	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	37??/	2225/	[illegible]	247?/	1476/	1619/	??24/	3718/	[illegible]	31?4/	44	[illegible]
	[illegible]	[illegible]	4124/	372?/	?627/	3523/	2422/	[illegible]	[illegible]	2521/	?221/	231?/	[illegible]	[illegible]
7	[illegible]	[illegible]	371?/	3924/	?517/	[illegible]	2232/	1?12/	[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]
7	[illegible]	3114/	2924/	2721/	2724/	2326/	2227/	161?/	2223/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	1/	[illegible]	4919/	[illegible]	3424/	[illegible]	2424/	[illegible]	1524/	[illegible]	?123/	[illegible]	[illegible]	[illegible]
	[illegible]	?323/	[illegible]	3?22/	2728/	192?/	[illegible]	1?24/	2219/	?517/	2423/	[illegible]	[illegible]	[illegible]
		?223/	[illegible]	2426/	[illegible]	[illegible]	[illegible]	2423/	151?/	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
MEAN	[illegible]	23.9	23.3	[illegible]	25.7	21.?	18.9	22.9	25.?	[illegible]	[illegible]	[illegible]	[illegible]
S.D	[illegible]	6.966	5.757	3.87?	7.176	3.291	2.264	3.516	?.657	[illegible]	[illegible]	4.14?	[illegible]
TOTAL OBS.	[illegible]	376	431	443	463	440	493	472	479	45?	?44	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

...SAL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... STATION ... STATION NAME ... 73-81 YEARS ... MONTH

ALL WEATHER
CLASS

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.1									.1	4.
NNE	.5	1.1	.1	.2								.4	
NE	1.2	.5	.4	.4								.5	5.
ENE	.5	.7		.1								.7	4.
E	1.3	.4										1.	4.
ESE	.3	.1	.1									.5	3.
SE	.3	.2	.1									.6	3.4
SSE	1.7	1.5	.5	.4								2.	4.
S	3.6	4.9	3.9	1.8	.1							14.3	
SSW	.9	1.8	4.3	2.2	.5							9.	6.9
SW	.6		1.2	.2	.1							2.	5.4
WSW		.5	.1	.1								.7	7.3
W	.6											.6	3.
WNW	.3											.1	4.
NW	.3											.4	3.
NNW	.3	.3										.7	3
VARBL													
CALM												5.	
	1.5	12.3	10.9	5.5	.7							100.3	2.6

TOTAL NUMBER OF OBSERVATIONS 627

USAFETAC FORM JUL 84 0-8-5 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...EATHER SERVICE/MAC

SURFACE WINDS

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

... AAF/FT LEWIS WA — STATION NAME
77-81 — YEARS
JA... — MONTH
ALL WEATHER — 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	.2										.7	2.1
NNE	.7	.6	.4	.1								1.3	4.7
NE	1.1	.7	.4	.2	.1							2.4	6.0
ENE	.7	.1	.1									1.0	3.1
E	.4											.4	2.5
ESE	.7		.1									.9	3.1
SE	1.1	.4										1.5	2.5
SSE	.1	1.2	.2									1.5	3.5
S	.2	5.7	4.1	1.8	.1							12.2	5.0
SSW	.7	1.1	4.6	1.5	.1	.1						8.1	5.7
SW	.2		.4		.1	.1						.8	4.1
WSW	.1	.4	.1		.2							.9	3.4
W	.2	.1	.1	.1	.1							.7	2.7
WNW	.4	.2										.6	3.2
NW	.1											.1	1.2
NNW	.4											.4	2.3
VARBL													
CALM												28.5	
	14.5	11.2	10.0	3.8	.9	.2						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS ...22

...FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

...RAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

... ...RAY AAF/FT LEWIS WA 77-81 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER ...00-...00
CLASS HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.1									.4	4.3
NNE	1.0	.6	.4	.1								2.1	4.7
NE	1.2	1.1	.2	.1								2.7	4.2
ENE	.4	.2		.4								1.0	6.5
E	1.6	.1	.1									1.2	2.6
ESE	.4	.2										.7	2.5
SE	.7	.6	.1									1.5	3.3
SSE	2.4	1.5	.6									4.3	3.6
S	5.7	5.1	4.4	1.8	.2							17.3	5.9
SSW	1.3	1.2	5.1	1.9	.1							9.6	6.6
SW	.7		.2	.4								1.3	6.3
WSW	.3		.2	.1								.7	5.6
W	.4	.2										.6	3.2
WNW	.4		.1									.5	3.3
NW	.2	.1										.4	3.3
NNW	.1	.1										.2	3.5
VARBL													
CALM												54.6	
	16.2	11.6	11.7	4.9	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 892

USAFETAC FORM ... JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) | [illegible] AAF/FT LEWIS #A (STATION NAME) | 73-81 (YEARS) | JAN (MONTH)

ALL WEATHER (CLASS) | 900-1100 (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	.5										1.3	3.4
NNE	1.3	.6	.6	.2								2.8	5.3
NE	1.5	1.2	.4	.1	.5							3.2	6.6
ENE	1.2	.7										1.9	3.1
E	.7	.1	.1									1.0	3.1
ESE	.5	.4	.4									1.2	5.2
SE	1.5	.2	.2									1.9	2.9
SSE	1.3	1.9	.2	.5								4.6	4.9
S	4.4	5.5	4.1	2.6	.1							16.7	6.4
SSW	1.5	1.1	5.4	2.1								[illegible]	8.4
SW	.9	.9	1.2	.2								3.2	5.5
WSW	.2	.1	.1									.5	5.3
W	1.1	.4		.1	.1							1.7	4.6
WNW	.5											.5	2.0
NW	.1											.1	2.3
NNW	.4											.4	1.7
VARBL													
CALM												49.4	
	18.1	13.4	12.8	5.8	.5							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 372

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72-77	GRAY AAF/FT LEWIS WA	73-81	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	1.2	.9	.4									2.5	3.6
NNE	2.7	2.7	1.5	.4	.1							7.3	4.9
NE	2.7	2.2	.7	1.0	.1							6.7	5.5
ENE	1.5	.2	.5	.2								2.4	4.6
E	.5	.1										.6	2.5
ESE	.4	.1	.1	.1								1.0	4.4
SE	.6	.2	.2									1.1	4.3
SSE	.7	.2	.6	.1								1.7	6.0
S	3.1	2.7	4.7	3.2	.2							15.8	6.9
SSW	1.0	3.3	5.2	3.5	.5							13.5	9.0
SW	1.0	1.7	2.2	.7								5.6	6.9
WSW	.3	.6		.2								1.7	4.6
W	1.1	.2	.4	.1								1.8	4.1
WNW	.7	.7	.2									1.7	4.3
NW	1.1	.6										1.7	2.9
NNW	1.0	.2										1.2	2.5
VARBL													
CALM												23.0	
	22.9	16.8	16.8	9.6	1.0							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 822

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA (STATION / STATION NAME) 77-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	.9									4.6	3.3
NNE	2.7	3.3	1.6	.1								7.7	4.7
NE	1.6	2.1	1.1	.4	.2							5.4	5.9
ENE	.9	.4										1.2	3.1
E	1.1	.1										1.2	1.9
ESE	.9	.2										1.1	2.6
SE	.9	.1										1.0	2.4
SSE	.7	.4	.6	.1								1.9	5.5
S	2.6	2.8	4.5	2.4	.5							12.3	7.9
SSW	1.3	4.1	4.0	3.6	.5	.1						13.7	8.6
SW	1.2	1.2	1.7	.6								4.5	6.8
WSW	.4	.5	.1	.4								1.3	6.6
W	1.7	.6	.4									2.3	4.2
WNW	.4	.6	.4									1.3	4.7
NW	1.0											1.0	2.1
NNW	1.7	.4										2.1	2.4
VARBL													
CALM												37.0	
	20.6	18.2	15.2	7.7	1.2	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (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	1.2	.5	.2									1.9	3.6
NNE	.6	1.7	.5									2.8	4.8
NE	.9	1.1	.7	.1	.1							2.9	5.5
ENE	.9	.4	.1		.1							1.5	4.8
E	.7											.7	1.8
ESE	.6											.6	1.8
SE	1.1	.2										1.3	2.4
SSE	1.2	1.9	.1	.1								3.4	4.4
S	7.4	4.7	3.9	1.9	.2							14.2	6.6
SSW	.4	2.6	3.6	2.4	.2	.1						9.4	9.0
SW	.1	.5	1.2	.9								2.7	9.5
WSW	.1	.1	.1	.2								.6	8.4
W	.7	.2	.2									1.2	4.0
WNW	.5	.1										.6	2.4
NW	.5											.5	2.0
NNW	.4											.4	2.7
VARBL													
CALM												55.2	
	17.3	14.1	10.8	5.7	.7	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 822

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74[illegible] GRAY AAF/FT LEWIS WA — 77-81 (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	.2	.4										.6	4.2
NNE	1.3	.2	.2									1.8	3.1
NE	.9	1.6	.5	.4	.1							3.4	6.4
ENE	.9	.4										1.2	2.7
E	1.0	.2										1.2	2.2
ESE	.4		.1									.5	4.3
SE	1.5	.5	.1	.1								2.2	3.5
SSE	2.6	1.7	.2									4.5	3.4
S	2.8	5.2	4.1	1.7	.1	.1						13.9	6.8
SSW	1.1	2.7	3.6	1.6								9.0	7.8
SW	.1	.1	.9	1.0								2.1	10.2
WSW	.1		.2		.1							.5	9.3
W	.9		.1									1.0	3.0
WNW	.5											.5	2.0
NW	.1											.1	2.0
NNW													
VARBL													
CALM												57.5	
	14.2	12.8	13.2	4.7	.4	.1						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[redacted] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (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	.9	.6	.2									1.7	3.7
NNE	1.4	1.4	.7	.2	.0							3.5	4.7
NE	1.4	1.3	.5	.3	.1							3.6	5.6
ENE	.9	.3	.1	.1	.0							1.4	4.0
E	.5	.1	.0									1.0	2.3
ESE	.6	.1	.1	.0								.9	3.5
SE	1.0	.4	.1	.0								1.5	3.2
SSE	1.7	1.3	.4	.2								3.5	4.3
S	4.1	4.5	4.2	2.2	.2	.0						15.3	5.5
SSW	1.2	2.3	4.5	2.4	.2	.0						10.4	8.7
SW	.9	.5	1.1	.5	.0	.0						2.3	7.7
WSW	.3	.2	.1	.1	.0							.9	6.6
W	.8	.2	.2	.0	.0							1.2	4.3
WNW	.4	.2	.1									.7	3.5
NW	.4	.1										.5	2.5
NNW	.5	.1										.7	2.6
VARBL													
CALM												5.0	
	16.6	13.8	12.4	6.0	.7	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 6577

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — FEB

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0000-2300

CLASS — HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1		.3								.5	9.[illegible]
NNE	.4	.9	.3									1.6	4.7
NE	1.4	.9	.3									2.6	3.6
ENE	.4											.4	1.3
E	.4	.3										.7	3.[illegible]
ESE	1.[illegible]	.9										2.[illegible]	3.3
SE	1.6	.8										2.4	2.6
SSE	2.1	1.4	.5									4.1	3.9
S	4.7	5.4	5.9	2.5	.1	.3						18.9	6.7
SSW	1.6	2.8	3.4	.9	.1							8.8	6.9
SW	.5	.7	.8	.4								2.4	6.9
WSW	.3		.3	.4								.9	9.4
W	.5	.1	.1		.1							.9	6.3
WNW	.3	.1										.4	2.7
NW	.3											.3	2.3
NNW	.1	.1										.3	3.[illegible]
VARBL													
CALM												53.0	
	15.7	14.6	11.5	4.5	.4	.3						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 762

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	GRAY AAF/FT LEWIS WA	73-81	FEB

ALL WEATHER (CLASS)

0300-0500 (HOURS (LST))

(CONDITION)

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.1	.4									1.3	4.2
NNE	.4	.7	.3									1.3	4.6
NE	1.2	.5	.4	.1								2.2	4.2
ENE	.6	.1										.7	3.0
E	.8		.1									.9	2.6
ESE	.7	.3	.1									1.0	3.4
SE	1.6	.9										2.5	3.4
SSE	2.1	2.2	.5									4.9	4.0
S	8.1	7.2	5.2	1.8	.1	.1						19.7	6.1
SSW	1.2	1.7	3.3	2.0	.3							8.4	8.4
SW	.4	.7	1.7	.5								3.3	7.8
WSW	.1	.4	.3			.1						.9	8.3
W	.3	.3	.1									.7	4.8
WNW	.1	.1										.3	3.0
NW	.1											.1	2.0
NNW													
VARBL													
CALM												52.4	
	14.8	15.2	12.5	4.5	.4	.3						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 762

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] [illegible] AAF/FT LEWIS WA | 73-81 | FEB
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]-[illegible]
CLASS | HOURS (L S T)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.1	.3									.8	4.7
NNE	1.2	.8	.5									2.4	4.4
NE	1.2	.9										2.1	3.5
ENE	.5											.5	2.2
E	.3											.9	1.9
ESE	.7											.7	1.8
SE	.9	1.2	.1									2.2	3.5
SSE	2.2	2.6	.4	.4								5.5	4.3
S	6.3	5.6	6.2	1.8								19.9	5.7
SSW	1.6	1.4	5.4	2.0	.1							10.5	8.0
SW	.7	.4	1.4	1.0								3.1	6.8
WSW		.1		.1								.3	9.0
W	.3	.3		.3								.8	6.3
WNW		.1										.1	4.0
NW	.4	.1										.5	3.0
NNW	.1	.1										.3	3.0
VARBL													
CALM												49.3	
	16.8	13.8	14.3	5.6	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 762

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

GL [illegible]AL CLIMATOLOGY BRANCH
[illegible]EFTAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible] [illegible]AY AAF/FT LEWIS WA — 73-81 — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]20-11[illegible]
CLASS — HOURS L S T

CONDITION

SPEED KNTS DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.4	.3								2.6	4.6
NNE	2.[illegible]	.7	.7									3.3	3.8
NE	3.[illegible]	1.[illegible]	.4									4.5	[illegible]
ENE	.[illegible]	.1										.9	2.6
E	.9	.1										1.[illegible]	2.[illegible]
ESE	.1	.[illegible]										.9	4.3
SE	1.2	.5	.3									2.0	3.3
SSE	1.0	1.2	1.6	.1								3.9	5.7
S	3.8	3.4	7.5	3.1	.3							18.1	7.4
SSW	.8	2.4	5.4	4.1	.3							12.9	9.[illegible]
SW	1.4	.5	2.8	.9								5.6	7.4
WSW	.4	.1	.1	.3								.9	6.1
W	.9	.4	.3	.4								1.8	5.7
WNW	.[illegible]	.[illegible]	.1									.[illegible]	3.3
NW	1.[illegible]	.3										1.6	2.5
NNW	.9											.9	1.9
VARBL													
CALM												[illegible]8.5	
	1[illegible].9	12.5	19.4	9.2	.5							[illegible]00.0	[illegible].9

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...FLTAC
...WEATH - SERVICE/MAC

SURFACE WINDS

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

...AY AAF/ET LEWIS WA — STATION / STATION NAME

77-81 — YEARS

FEB — MONTH

ALL WEATHER — CLASS

1200-1400 — HOURS (LST)

CONDITION

DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.4	.1								4.5	4.1
NNE	.2	.4	.3	.1								7.5	4.9
NE	.2	2.2	1.2									5.9	4.3
ENE	.2	.1										.5	2.5
E	.2	.4										1.3	2.7
ESE	.2	.2	.1									.5	3.4
SE	.2	.2										1.3	3.5
SSE	.2	.1	.2	.2								2.4	6.5
S	1.2	2.2	4.3	.6	.2							15.4	9.6
SSW	1.2	3.1	2.5	7.9	.2							17.1	8.9
SW	.2	2.1	1.7	1.2		.2						7.1	8.1
WSW	.2	.4	.6	.7								2.4	5.6
W	.2	1.2	1.2	.7		.1						4.2	6.9
WNW	.2	.2										1.9	3.1
NW	.2	2.2	.1	.1								4.3	4.2
NNW	.2	2.1	.1	.1								3.4	4.2
VARBL													
CALM												18.8	
	6.1	24.2	16.9	12.4	1.2	.7						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC ...

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[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] FRAY AAF/FT LEWIS WA — STATION / STATION NAME

77-81 — YEARS

FEB — MONTH

ALL WEATHER — CLASS

[illegible]-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	2.4	3.[illegible]	.4	.3								[illegible]	4.2
NNE	2.5	4.1	2.1	.1								[illegible]	[illegible]
NE	[illegible]	2.1	1.4									5.5	[illegible]
ENE	.7	.1	.1									.9	3.3
E	.5	.5										1.0	3.4
ESE	1.2	.4	.3	.1								[illegible]	3.0
SE	1.7	.4	.1									2.3	2.9
SSE	1.6	.5	.1									2.5	3.2
S	1.7	3.1	5.5	7.2	.4							14.[illegible]	6.5
SSW	.3	2.4	5.1	3.4								11.7	6.5
SW	.2	2.7	2.5	.9								6.6	5.9
WSW	.7	.9	2.2	.9	.1							4.[illegible]	5.1
W	.5	.3	.4	.3								2.4	3.7
WNW	.[illegible]	.3										1.7	3.6
NW	2.4	1.2	.1									3.7	3.4
NNW	2.1	1.4	.3									3.8	3.4
VARBL													
CALM												21.5	
	22.4	24.[illegible]	[illegible].7	9.8	.5							[illegible].0	4.5

TOTAL NUMBER OF OBSERVATIONS 762

[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION: [illegible] SPRAY RAF/FT LES.TS MA — STATION NAME
YEARS: 77-81
MONTH: FEB
CLASS: ALL WEATHER
HOURS (L.S.T.): 1600-2200
CONDITION:

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7	.4									2.1	3.9
NNE	.2	1.4	.9	.3								2.8	5.3
NE	.7	1.0	.1									1.8	4.5
ENE	.5	.1	.1									.6	3.6
E	.5											.5	1.8
ESE	.8	.5										1.4	3.2
SE	1.0	.9	.4	.4								2.8	5.3
SSE	1.1	2.1	.1									4.3	3.5
S	3.5	6.4	4.3	2.6	.3							17.2	6.5
SSW	1.6	2.9	3.5	1.4								9.4	7.0
SW	.4	.9	1.0	.7								2.6	6.8
WSW	.5	.4	.4									1.3	5.2
W	1.2	.5	.4									2.1	5.3
WNW	.6	.3	.1									.9	4.7
NW	.1	.3										.4	4.5
NNW	.4	.1										.5	3.3
VARBL													
CALM												45.3	
	15.3	21.9	11.9	5.0	.3							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 742

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...TAL CLIMATOLOGY BRANCH
...
A... ...STP.IC./MAC

SURFACE WINDS

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

STATION ...AF/FT LEWIS WA STATION NAME 77-81 YEARS FE MONTH

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.2	.1								.5	5.2
NNE	.3	.2	.3									2.1	3.3
NE	.2	.2										1.4	.7
ENE	.1											.1	2.5
E	.3											.3	1.7
ESE	.2	.1										1.3	2.2
SE	2.4	1.0	.1	.1								3.7	2.5
SSE	2.2	2.2	.5	.1								5.4	3.1
S	4.3	5.6	4.5	2.5								17.2	6.3
SSW	.2	2.2	3.4	1.8	.1							7.8	7.7
SW	.3	.4	1.2	.2								2.1	6.1
WSW		.2			.2							.4	9.2
W	.1	.1				.1						.4	10.3
WNW	.2	.1										.4	3.2
NW	.2		.1									.4	4.2
NNW	.2											.2	1.5
VARBL													
CALM												57.3	
	17.1	13.8	17.4	5.0	.4	.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 762

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

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...EAL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...AY AAF/FT LEWIS WA — STATION NAME — 73-81 — YEARS — FEB — MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.9	.3	.1								2.3	4.5
NNE	1.7	1.7	.8	.1								3.3	4.7
NE	1.6	1.2	.5	.0								3.3	4.2
ENE	.5	.1	.0									.6	2.7
E	.7	.2	.0									.9	2.5
ESE	.6	.6	.1	.0								1.4	3.7
SE	1.3	.8	.1	.1								2.3	3.6
SSE	1.8	1.6	.5	.1								4.1	4.2
S	4.0	5.2	5.4	3.0	.2	.0						17.9	7.0
SW	1.7	2.3	4.8	2.4	.2							11.9	8.3
SW	.7	1.0	1.8	.7		.0						4.2	7.4
WSW	.3	.4	.5	.3	.0	.0						1.5	7.9
W	.5	.5	.7	.2	.0	.0						1.7	5.9
WNW	.4	.3	.2									.8	3.5
NW	.9	.6	.2	.0								1.5	3.5
NNW	.6	.5	.1	.0								1.2	3.4
VARBL													
CALM												41.6	
	17.0	17.5	15.3	7.1	.5	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 4296

...GAFETA ... FORM ... 1 MAY ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

73-77 GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — YEARS

MAR — MONTH

ALL WEATHER — CLASS

0000-2300 — 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	.5	.1									1.0	4.0
NNE	.1	.2	.1									.5	5.0
NE	.6	.4	.1	.1								1.2	4.3
ENE	.6	.1	.1									.8	3.1
E	.3											.3	3.5
ESE	.7		.1									.8	2.9
SE	1.0	.7	.4									2.0	4.0
SSE	.2	2.7	.6	.1								5.7	4.1
S	6.5	8.6	5.5	2.6								23.2	5.9
SSW	1.3	2.7	3.9	.7								8.7	6.7
SW	.2	1.2	2.2	.5								4.1	7.7
WSW	.6		.1	.1								.8	5.0
W	.4											.4	1.7
WNW	.2											.2	2.0
NW													
NNW	.2	.2										.5	4.0
VARBL													
CALM												48.9	
#	16.1	17.6	13.3	4.2								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.1									.8	4.1
NNE	.1	.6										.7	3.8
NE	.5	.6										1.1	3.8
ENE	.2	.1										.4	3.0
E	.1											.1	2.7
ESE	.7	.1										.8	2.4
SE	1.3	.8	.1									2.3	3.6
SSE	1.6	3.3	.8	.2								6.0	5.0
S	7.4	7.2	5.9	1.3	.2							22.0	5.5
SSW	1.3	3.1	3.9	.6	.1							9.1	6.9
SW	.5	1.1	.8	.4								2.7	6.8
WSW	.2	.2	.2	.1	.1							1.3	6.4
W	.1	.1										.2	3.5
WNW	.1	.2	.1									.5	4.3
NW		.1										.1	5.0
NNW	.1	.1										.2	3.5
VARBL													
CALM												52.0	
	14.7	18.2	12.1	2.6	.5							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7[illegible]	GRAY AAF/FT LEWIS WA	73-81	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	.1	.4	.1									.6	6.3
NNE	.5	.4	.1									1.0	3.9
NE	1.0	.2										1.2	2.4
ENE	.2											.2	1.5
E	.5	.2	.1									.8	3.4
ESE	1.0	.4	.1									1.4	3.1
SE	1.4	.5	.4	.1								2.4	4.0
SSE	3.3	3.3	.4	.1								7.2	3.7
S	6.8	6.8	5.7	2.2	.1							21.6	6.0
SSW	1.7	2.6	3.9	1.2								9.1	7.3
SW	1.2	.6	.6	.8								3.0	6.8
WSW	.8	.7	.2	.2								1.2	5.8
W	.7	.4										1.1	3.0
WNW	.6		.1									.7	3.0
NW	.4											.4	2.3
NNW	.5		.1									.6	2.8
VARBL													
CALM												47.6	
	19.7	16.0	11.9	4.7	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

76[illegible] GRAY AAF/FT LEWIS WA 73-81 MAR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.8	.7	.5	.2								3.2	4.2
NNE	1.4	1.8	1.6	.4								5.1	5.9
NE	2.3	1.3	1.3									4.9	4.6
ENE	1.1	.5	.1									1.7	3.3
E	.5	.7										1.2	3.5
ESE	.4	.1										.5	2.8
SE	1.1	.4		.1								1.6	3.5
SSE	1.6	1.4	.7	.2								.9	4.3
S	3.5	4.9	6.6	4.3	.4	.1						19.7	7.7
SSW	2.4	3.7	7.8	2.2	.2							16.2	7.7
SW	1.7	3.1	3.0	.7								8.1	6.4
WSW	1.5	.3	1.1	.6	.1							3.6	6.9
W	1.8	1.4	.5	.2								3.5	4.3
WNW	1.1	.6										1.7	3.2
NW	1.1	.4										1.4	2.7
NNW	.6	.2		.1								1.0	4.2
VARBL													
CALM												22.7	
	22.7	21.6	23.1	9.1	.7	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[redacted] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1700-1400 (HOURS (L S T))

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.5	1.1	.5								8.5	4.7
NNE	1.4	2.3	1.8	.4								5.9	6.1
NE	1.3	2.3	1.8	.5								5.9	6.1
ENE	.6	.2	.1	.1								1.1	5.2
E	.2	.4										.6	3.4
ESE	.2	.2										.5	3.3
SE	.4	.7										1.1	3.8
SSE	.5	1.1	1.1	.5								3.2	6.3
S	1.4	2.7	6.2	4.3	.7							15.4	9.2
SSW	1.1	4.2	6.3	3.5	.4							15.4	8.7
SW	.6	2.3	3.5	1.9		.1						8.4	8.5
WSW	1.2	1.1	1.6	1.6	.1							5.9	7.7
W	1.7	1.6	1.7	1.3	.4							6.2	7.7
WNW	2.4	2.7	.5	.1								5.7	4.1
NW	1.6	2.2	.2									3.9	3.9
NNW	1.9	1.6	.4	.1								3.9	3.9
VARBL													
CALM												8.5	
	20.1	26.9	26.2	14.7	1.6	.1						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — YEARS

MAR — MONTH

ALL WEATHER — CLASS

1500-1700 — HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.5	2.7	1.4	.4								8.0	4.6
NNE	1.9	3.6	3.0	.5								9.0	5.6
NE	1.4	2.2	1.2	.2								5.0	5.4
ENE	.2	.1										.4	3.7
E	.7	.1										.8	2.3
ESE	.5	.1										.5	3.[illegible]
SE	.7	.3	.1									1.1	3.4
SSE	1.2	.4	1.0	.6								3.1	6.4
S	1.6	3.6	6.1	1.3	.1	.1						12.8	7.5
SSW	1.0	3.7	6.3	1.9	.4							13.3	8.0
SW	1.4	2.4	4.2	2.6	.4							11.0	8.3
WSW	.6	1.8	1.6	2.5	.2							6.7	9.2
W	1.3	2.3	1.2	1.1	.6							6.2	7.6
WNW	1.7	1.8	.5	.2								4.2	4.7
NW	1.6	2.2	.6									4.3	4.2
NNW	2.2	2.2	1.0									5.3	4.4
VARBL													
CALM												8.4	
	21.4	29.3	28.1	11.4	1.7	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

1800-2[illegible] — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.2	.2	.1								3.[illegible]	4.3
NNE	1.7	2.6	1.2	.1								5.6	4.8
NE	1.1	2.5	.6									4.2	4.5
ENE	.6	.5										1.1	3.7
E	.7											.7	1.9
ESE	.6	.3										.8	2.4
SE	.6	.4										1.[illegible]	3.1
SSE	1.1	1.9	1.1	.1								4.2	5.[illegible]
S	3.1	4.3	4.7	1.7	.2							14.6	6.5
SSW	1.2	2.9	4.5	1.2								9.8	7.2
SW	1.2	3.2	3.1	.5	.1							8.1	6.8
WSW	1.2	1.9	2.3	.8	.1							6.3	[illegible].2
W	.8	1.8	1.3	.4	.2							4.5	6.8
WNW	.8	.6	.4									1.8	3.9
NW	1.4	.4	.1									1.9	2.8
NNW	.2											.2	1.5
VARBL													
CALM												[illegible]2.1	
	17.8	25.[illegible]	19.5	4.9	.7							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — [illegible]
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										.4	4.7
NNE	1.1	.6		.2								1.9	4.6
NE	1.1	.5	.4									1.9	4.0
ENE	.6											.6	2.0
E	.2											.2	1.5
ESE	.5											.5	1.5
SE	1.2	.5	.2									1.9	3.5
SSE	3.7	3.8	1.7									9.2	4.4
S	4.8	7.9	5.5	1.4	.1							19.2	5.9
SSW	1.7	4.3	4.1	1.3								11.4	6.7
SW	.4	1.6	1.9	.4								4.2	5.9
WSW	.5	.5	.4	.2	.1							1.9	5.6
W	.4	.4										.7	3.9
WNW	.2	.6										.8	4.4
NW	.2	.1										.4	3.3
NNW													
VARBL													
CALM												45.8	
	15.8	21.[illegible]	13.6	3.6	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

14737	BAF/FT LEWIS WA	73-81	MAR
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.4	.1								3.2	4.5
NNE	1.5	1.5	1.7	.2								3.7	5.4
NE	1.2	1.2	.7	.1								3.2	4.9
ENE	.5	.2	.0	.0								.8	3.4
E	.4	.2	.0									.6	2.6
ESE	.5	.1	.0									.7	2.7
SE	1.0	.5	.1	.0								1.7	3.7
SSE	1.7	2.3	.6	.2								5.2	4.7
S	4.4	5.8	5.7	2.4	.2	.0						18.6	6.6
SSW	1.4	3.4	5.1	1.6	.1							11.5	7.5
SW	.8	1.9	2.4	1.0	.1	.0						6.2	7.4
WSW	.8	.8	.9	.8	.1							3.4	7.6
W	.9	.8	.6	.4	.1							2.9	6.5
WNW	.9	.8	.2	.0								2.0	4.1
NW	.8	.7	.1									1.6	3.6
NNW	.7	.5	.2	.0								1.5	4.0
VARBL													
CALM												33.2	
	19.5	22.2	18.5	6.9	.7	.0						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 4695

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NUMERICAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] AY AAF/FT LEWIS WA | 77-81 | APR
STATION / STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	.5											.5	1.5
NE	1.0	.1	.1									1.2	2.4
ENE	.2	.1	.1									.5	4.3
E	.4											.4	2.5
ESE	.4	.4	.1									.7	4.2
SE	1.6	.3										1.9	2.9
SSE	4.3	1.6	.5									5.9	3.1
S	34.2	8.9	4.2	.4								47.6	4.7
SSW	20.9	4.3	2.8	.2								9.9	5.3
SW	.8	1.9	1.1	.4								3.1	6.6
WSW	.5	.4	.2		.1							1.2	5.4
W	.2	.1		.1								1.5	3.7
WNW	.4	.1										.5	3.0
NW	.1	.2										.4	4.5
NNW	.4											.4	1.7
VARBL													
CALM												1.4	
	23.2	17.7	9.3	1.1	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 910

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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...AL CLIMATOLOGY BRANCH
...
... WEATHER SERVICE/MAC

SURFACE WINDS

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

... BAY AAF/FT LEWIS ...A (STATION / STATION NAME) 77-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

(HOURS ... BY)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE													
NE													
ENE													
E													
ESE													
SE												1.2	
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												51.7	
	2.1	16.	8.6	1.5								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS ...

USAFETAC ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

TECHNICAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] | JAY AAF/FT LEWIS WA | 77-81 | APR
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]
CLASS | HOURS (L.S.T.)

CONDITION

DIRECTION	1 - 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										.7	3.5
NNE	.7	1.1										1.7	3.6
NE	.4	.4	.1									1.2	3.5
ENE	.2	.3										.4	2.7
E	.2											.2	1.5
ESE	.1											.1	1.7
SE	.2	.4	.1									.7	2.7
SSE	.3	1.7	.5									2.5	3.5
S	5.1	7.1	6.2	1.1								23.3	4.9
SSW	.1	4.1	3.7	.5								11.2	5.5
SW	.2	2.1	1.7	.5	.1							5.3	5.5
WSW	.6	.7	.4	.2								2.1	5.9
W	.2	.4	.1	.2								1.5	5.3
WNW	.1											.1	1.9
NW	.2											.2	1.8
NNW	.4											.4	1.7
VARBL													
CALM												44.1	
	12.1	19.4	12.8	2.6	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 810

DATA FROM [illegible]

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...AL CLIMATOLOGY BRANCH
...TAC
... ATH ... SERVICE/MAC

SURFACE WINDS

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

... AAF/FT LEWIS AA — STATION — STATION NAME

73-81 — YEARS

APR — MONTH

ALL WEATHER — CLASS

...-11... — HOURS L.S.T.

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	2.5	.7									5.6	6.3
NNE	.2	3.1	1.7									6.7	4.9
NE	.2	1.5	1.									4.4	4.3
ENE	.4	1.2										1.4	3.9
E	.1	.7										.8	3.1
ESE	.4											.8	2.5
SE	.3	.7										1.4	2.7
SSE	1.2	.7	.5									2.5	4.1
S	1.3	4.4	6.7	1.5								14.3	7.1
SSW	2.5	3.	7.3	2.1								14.9	7.4
SW	1.5	3.6	3.5	.7								9.3	6.5
WSW	.7	1.7	1.6	.5	.4	.1						5.1	9.0
W	2.2	2.1	1.5	.5	.1							6.4	5.7
WNW	1.7	1.4	.4									3.5	3.7
NW	1.2	1.4										3.2	3.6
NNW	.5	1.5	.1									3.7	3.6
VARBL													
CALM												16.3	
	2.4	28.8	24.6	5.3	.5	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC ... 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	PAY AAF/FT LEWIS WA	77-81	APR

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

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.8	1.7	.1								11.0	6.1
NNE	1.7	2.1	1.4	.2								5.4	5.3
NE	1.4	1.1	1.6	.1								3.4	5.8
ENE	.7	.4	.2									.9	5.0
E	.5	.1										.4	3.3
ESE	.4	.1		.1								.6	5.5
SE		.1	.1									.4	5.0
SSE	.6	.2	.5	.2								1.6	5.8
S	1.2	3.1	3.0	2.7	.4							10.2	8.2
SSW	1.0	3.7	6.2	2.5	.1							13.5	8.0
SW	1.1	3.1	4.5	1.9								10.7	7.4
WSW	.9	2.2	2.3	1.0	.5							6.9	8.1
W	1.5	2.7	3.0	.9	.5							8.5	7.1
WNW	.2	2.1	1.0	.2								5.6	4.9
NW	2.2	4.3	.9									7.4	4.3
NNW	2.5	4.2	1.7									7.9	5.0
VARBL													
CALM												5.9	
	18.6	35.4	27.5	10.0	1.5							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

JUL 71 — GRAY AAF/FT LEWIS WA — 71-81 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1500-1700

CLASS — HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	5.6	2.1									10.3	4.9
NNE	2.6	4.6	2.7	.1								9.1	5.1
NE	1.4	2.3	1.4	.2	.1							5.1	6.3
ENE	.6		.3									.9	4.3
E	.3											.3	1.9
ESE	.1	.1										.2	3.3
SE	.3	.1	.1									.5	4.3
SSE	.4	.7	.5									1.6	4.2
S	.5	3.2	3.8	1.0		.1						8.8	7.3
SSW	.6	3.3	2.9	1.2	.1							8.1	7.6
SW	1.4	4.3	4.1	1.5	.1							11.4	7.2
WSW	1.1	2.3	3.6	1.6	.2							8.5	8.2
W	1.7	3.3	3.2	2.1	.2							10.6	7.5
WNW	1.0	2.3	2.2	.7								6.3	6.6
NW	1.9	3.3	1.7	.1								7.5	5.3
NNW	1.4	3.3	.7									5.1	4.7
VARBL													
CALM												4.4	
	19.6	38.8	28.5	8.6	.9	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 612

USAFETAC FORM JUL 64 0-4-4 OF 0-4 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — APR
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	.5									3.4	3.7
NNE	3.7	3.7	.5									7.9	3.8
NE	3.7	2.3	.4									6.4	3.7
ENE	.9	.2		.1								1.2	3.3
E	.5	.2										.7	2.7
ESE	.7	.5										1.2	3.2
SE	1.2	.2										1.5	2.5
SSE	1.2	.7										2.0	3.2
S	2.3	4.7	2.3	.6								10.0	5.5
SSW	1.7	4.4	3.7	.5								10.5	6.0
SW	1.7	3.2	3.5	.5								8.9	6.1
WSW	1.4	3.2	2.2	.6	.2							7.4	6.6
W	1.8	3.7	3.7	.4								9.3	6.4
WNW	.9	1.1	1.5	.1								3.6	6.2
NW	1.2	1.2	.4									2.6	3.8
NNW	1.5	.2	.1									1.9	2.7
VARBL													
CALM												19.5	
	26.4	32.2	19.8	2.8	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 616

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[redacted] GRAY AAF/FT LEWIS WA — 73-81 — APR

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 2100-2300

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4										1.1	2.9
NNE	1.4	.2										1.6	2.5
NE	1.[illegible]	.7	.1									1.9	3.[illegible]
ENE	.7											.7	1.7
E	.7											.7	2.[illegible]
ESE	.5	.4	.1									1.[illegible]	3.5
SE	.6	.7	.2									1.9	3.9
SSE	2.9	2.5	.2									5.6	3.8
S	7.8	8.8	3.5									20.0	4.4
SSW	2.5	4.4	2.2	.2								9.4	5.[illegible]
SW	2.5	2.5	2.1	.2	.1							6.9	5.7
WSW	1.[illegible]	.6	.5	.2								2.1	4.8
W	1.7	1.1	.1									3.0	3.6
WNW	.2	.9	.2									1.4	5.1
NW	.6		.1									.7	3.[illegible]
NNW	.6											.6	1.4
VARBL													
CALM												41.5	
	25.2	23.2	9.3	.7	.1							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74 70 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	2.2	.6	.0								4.3	4.5
NNE	1.6	1.8	.7	.0								4.2	4.5
NE	1.2	1.2	.6	.2	.0							2.9	4.6
ENE	.4	.2	.1	.2								.8	3.5
E	.4	.1										.5	2.4
ESE	.4	.2	.0	.0								.6	3.3
SE	1.2	.3	.1									1.4	2.5
SSE	1.2	1.1	.3	.0								3.7	3.5
S	5.1	6.2	4.1	1.0	.0	.0						16.5	5.4
SSW	2.0	3.8	4.0	1.0	.0							10.8	6.5
SW	1.3	2.5	2.6	.8	.0							7.2	5.6
WSW	.8	1.4	1.3	.5	.2	.0						4.3	7.2
W	1.3	1.8	1.5	.5	.1							5.2	6.3
WNW	.9	1.1	.7	.1								2.8	5.3
NW	1.1	1.3	.4	.0								2.8	4.3
NNW	1.2	1.1	.3									2.5	4.2
VARBL													
CALM												29.5	
	22.3	26.3	17.4	4.1	.4	.0						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 6480

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] AAF/FT LEWIS WA — STATION / STATION NAME

[illegible]-81 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

[illegible]-[illegible] — HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1											.1	1.[illegible]
NNE		.1										.1	4.[illegible]
NE	.7											.7	2.[illegible]
ENE	.[illegible]											.[illegible]	1.[illegible]
E		.1										.1	4.[illegible]
ESE	.6	.1										.7	2.[illegible]
SE	1.[illegible]	.1										1.1	1.[illegible]
SSE	4.[illegible]	1.6	.1									6.[illegible]	2.[illegible]
S	7.6	7.9	1.6									17.1	3.[illegible]
SSW	3.[illegible]	6.6	3.[illegible]	.1								13.1	5.1
SW	1.9	2.[illegible]	1.3									6.[illegible]	4.[illegible]
WSW	.1	.4	.4									.8	[illegible].6
W	.[illegible]	.6										1.4	3.3
WNW	1.2	.1										1.3	2.[illegible]
NW	.4											.4	1.3
NNW													
VARBL													
CALM												50.8	
	22.3	2[illegible].4	6.[illegible]	.1								100.0	2.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]577

USAFETAC FORM [illegible] [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

(CONDITION) [illegible] (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													
NNE													
NE													
ENE	.1											.1	2.[illegible]
E													
ESE	.[illegible]											.2	1.5
SE	1.1											1.1	1.[illegible]
SSE	4.5	1.1										5.6	2.3
S	1 .[illegible]	1[illegible].[illegible]	1.9	.1	.1							23.7	4.[illegible]
SSW	[illegible].[illegible]	4.3	1.7	.1								9.[illegible]	4.6
SW	1.2	2.3	.8									4.3	4.6
WSW	.[illegible]	.[illegible]	.1	.1								1.[illegible]	4.5
W	.4	.4	.2									1.[illegible]	4.4
WNW	.[illegible]	.1	.1									.[illegible]	3.8
NW		.[illegible]										.1	4.[illegible]
NNW	.1	.1										.2	3.[illegible]
VARBL													
CALM												[illegible]3.3	
	2[illegible].[illegible]	19.4	4.9	.4	.1							1[illegible].[illegible]	1.8

TOTAL NUMBER OF OBSERVATIONS [illegible]877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME
73-81 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) / DIR	1 - 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	2.5
NNE	.5	.3	.2									1.0	4.1
NE	1.1	.5	.1									1.7	2.9
ENE	.4	.1										.4	3.3
E	.1	.1										.2	4.0
ESE	.2											.2	2.0
SE	.6	.1										1.0	2.1
SSE	1.2	1.2										3.3	2.9
S	7.8	8.5	3.5	.6								20.3	4.7
SSW	3.1	7.6	4.3	.5								15.5	5.6
SW	2.2	3.2	1.3	.1								6.8	4.3
WSW	1.3	.6	.7									2.6	4.2
W	1.9	1.0	.4									3.2	3.6
WNW	1.2	.5										1.7	2.5
NW	.7	.2										1.0	2.5
NNW	.7											.7	1.7
VARBL													
CALM												39.7	
	24.6	24.1	10.5	1.2								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 837

CL EAL CLIMATOLOGY BRANCH
AFLTAC
ATH WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] STATION AAF/FT LEWIS WA STATION NAME 73-81 YEARS MAY MONTH

ALL WEATHER CLASS [illegible] HOURS LST

[illegible] CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	7.1	.4	.2								[illegible]	4.7
NNE	1.7	2.5	1.4									[illegible]	5.1
NE	.7	.3	.1									1.7	4.1
ENE	.5	.2	.1									1.0	3.9
E	.5	.1										.7	2.9
ESE	.4	.1										.5	2.3
SE	.1	.5										.7	3.9
SSE	.4	.6	.1									1.1	4.3
S	.2	3.7	4.4	1.4	.1							11.5	6.7
SSW	1.7	5.1	6.6	1.2	.5							15.3	7.3
SW	3.5	5.1	3.2	1.0								12.8	5.9
WSW	1.9	1.9	1.1									4.9	4.7
W	3.3	3.3	2.3	.4								[illegible]	5.1
WNW	1.2	2.5	.5	.2								.4	4.4
NW	3.5	2.3	.1									[illegible]	3.2
NNW	2.3	1.9	.2									4.4	3.4
VARBL													
CALM												12.5	
	27.8	34.1	20.5	4.4	.6							100.3	4.7

TOTAL NUMBER OF OBSERVATIONS 577

[illegible]

2

...AL CLIMATOLOGY BRANCH
...ELTAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

...Y AAF/FT LEWIS WA — STATION / STATION NAME

77-81 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

1...-14... — HOURS (LST)

CONDITION

SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	4.[illegible]	1.7									[illegible]	4.4
NNE	1.9	2.7	1.9									5.5	[illegible]
NE	.5	1.2	.[illegible]	.1								2.5	[illegible]
ENE	.4	.4										.7	[illegible]
E	.2											.2	[illegible]
ESE	.1											.1	[illegible]
SE		.4										1.2	[illegible]
SSE	.4	.[illegible]	.1									1.[illegible]	[illegible]
S	.[illegible]	1.1	2.6	.7								[illegible].3	[illegible]
SSW	.[illegible]	2.[illegible]	[illegible].6	1.[illegible]	.1							[illegible].5	7.6
SW	1.1	4.5	5.[illegible]	1.7								12.3	7.3
WSW	1.[illegible]	2.7	3.6	1.4	.1							[illegible].8	7.[illegible]
W	1.[illegible]	4.7	[illegible].3	1.1	.1							13.0	[illegible].9
WNW	.2	3.7	1.6	.6								[illegible].[illegible]	[illegible].4
NW	[illegible].7	4.7	.[illegible]									[illegible].2	4.4
NNW	[illegible].2	[illegible].[illegible]	.2									[illegible].[illegible]	[illegible].[illegible]
VARBL													
CALM												5.[illegible]	
	[illegible].0	40.5	25.2	6.9	.4							[illegible]0.0	5.6

TOTAL NUMBER OF OBSERVATIONS [illegible]77

...AFTAC ... FM ...
FEB 64

2

...AL CLIMATOLOGY BRANCH
...FLTAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...7 ... (PAY AAF/FT LEWIS WA ... 77-81 ... MAY
STATION ... STATION NAME ... YEARS ... MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.0	5.[illegible]	1.1									[illegible].1	4.5
NNE	1.4	4.9	1.4	.1								7.9	[illegible]
NE	.[illegible]	1.[illegible]	1.4									3.[illegible]	[illegible].5
ENE	.5	.[illegible]										.[illegible]	2.[illegible]
E	.6	.7	.1									1.4	[illegible].[illegible]
ESE	.[illegible]	.1										.[illegible]	[illegible].5
SE	.[illegible]	.[illegible]	.1									1.2	[illegible].[illegible]
SSE	1.[illegible]	.[illegible]	.1									1.[illegible]	[illegible].5
S	.[illegible]	2.[illegible]	2.[illegible]	.2								5.[illegible]	6.[illegible]
SSW	1.1	2.[illegible]	3.2	.6	.1							7.[illegible]	7.[illegible]
SW	[illegible].1	3.[illegible]	[illegible].[illegible]	1.1	.1							[illegible].[illegible]	7.[illegible]
WSW	.[illegible]	[illegible].2	3.[illegible]	.2								[illegible].[illegible]	[illegible].[illegible]
W	1.[illegible]	4.[illegible]	6.[illegible]	1.[illegible]	.[illegible]							15.1	[illegible].[illegible]
WNW	.[illegible]	[illegible].[illegible]	3.1	.8								[illegible].[illegible]	[illegible].[illegible]
NW	[illegible].[illegible]	4.[illegible]	[illegible].[illegible]									[illegible].[illegible]	[illegible].[illegible]
NNW	1.[illegible]	[illegible].[illegible]	.6									[illegible].[illegible]	4.[illegible]
VARBL													
CALM												4.4	
	[illegible].[illegible]	41.[illegible]	29.[illegible]	5.[illegible]	.[illegible]							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS ... [illegible]

[illegible]

...AL CLIMATOLOGY BRANCH
...
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

... AY AAF/FT LE...IS MA — STATION / STATION NAME

73-61 — YEARS

MAY — MONTH

ALL WEATHER — CLASS

...PRI... — HOURS (...S.T.)

CONDITION

DIRECTION (FROM)	KNOTS 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	...•	2.6										5.0	...4
NNE	2.6	5.3	1.7									...•	4.7
NE	.1	2.2	.4									2.3	4....
ENE	.4											.4	1.7
E	.1											.5	2....
ESE	.1	.2	.1									...•	3....
SE	.1	.1	.1									1.1	3....
SSE	.2	1.0										...•	...•
S	.3	3.0	1.0	.1								3.3	4.7
SSW	.2	3.5	1.6	.2								5.4	5.2
SW	2.3	3.0	4.5	.7	.1							11....	5.7
WSW	.8	4.2	2.0	.5								...4	5.3
W	1.0	6.3	5....	.8								1....1	5.6
WNW	1.3	3.3	1.8	.1								...5	4.3
NW	2.3	3.3	1.2									...•	4.5
NNW	1.3	1.3										3....	3.4
VARBL	—	—	—	—	—	—	—	—	—	—	—		
CALM												3.9	
	24....	79.5	22.1	2.5	.1							1...3	4....

TOTAL NUMBER OF OBSERVATIONS ...77

2

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
FROM HOURLY OBSERVATIONS)

DIRECTION	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	•	•									•	
NNE	•	1.2										
NE	•	1.2	•									
ENE	•										•	
E	•										•	
ESE	•										•	
SE	1.	•										
SSE	•	1.2	•									
S	•	4.2	•									
SSW	•	5.1	2.9	•								
SW	2.2	4.	1.2	•								
WSW	1.1	1.	•	•								
W	•	2.	•									
WNW	1.	1.	•									
NW	1.	•	•									
NNW	•	•									•	
VARBL												
CALM												
	2.4	25.5	6.5	.4								2.4

TOTAL NUMBER OF OBSERVATIONS

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] AAF/FT LEWIS AA — 77-81 — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL

CLASS — HOURS (L.S.T.)

CONDITION

SPEED KNTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.	.4	.								[illegible]	[illegible]
NNE	.2	2.1	.6	.								4.1	[illegible]
NE	.	.	.	.								[illegible]	[illegible]
ENE	.	.	.									.5	[illegible]
E	.	.	.									[illegible]	[illegible]
ESE	.	.	.									.5	2.
SE	.	.	.									1.2	2.
SSE	.	1.	.1									3.1	3.1
S	4.	5.	2.	.4	.							12.1	4.
SSW	.	4.	3.	.6	.1							1 .9	5.
SW	1.	3.	2.	.6	.							[illegible]	[illegible]
WSW	.	1.	1.	.4	.							4.	6.
W	.	2.	2.	.5	.							7.6	5.
WNW	1.4	2.	1.2	.2								4.	5.
NW	1.	2.1	.5									[illegible]	[illegible]
NNW	.2	1.	.1									[illegible]	[illegible]
VARBL													
CALM												27.1	
	23.	32.	15.	2.	.							100.0	3.

TOTAL NUMBER OF OBSERVATIONS 4696

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 77-81 YEARS | JUN MONTH

ALL WEATHER CLASS | 0000-2300 HOURS (LST)

CONDITION

SPEED KNOTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	2.3
NNE	.2	.1										.3	2.3
NE	.3											.4	2.3
ENE													
E	.3											.4	1.8
ESE	.1											.1	1.8
SE	1.2											1.3	1.4
SSE	1.9	1.5										3.2	3.1
S	5.1	7.4	.9									14.4	3.4
SSW	5.3	7.5	2.5	.5								14.3	4.9
SW	3.3	3.7	1.7	.2								7.7	4.5
WSW	.7	1.3	.2									2.2	3.8
W	1.6	.5										2.1	2.9
WNW	1.4	.2										1.7	2.2
NW	1.5	.2										1.7	2.3
NNW	.4											.4	2.0
VARBL													
CALM												43.3	
	25.9	19.9	5.3	.7								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 612

[illegible] FORM [illegible] [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — YEARS

JUN — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (L.S.T.)

CONDITION

SPEED KNTS. DIR	1 - 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.[illegible]
NNE	.1											.1	3.[illegible]
NE	.[illegible]											.[illegible]	2.[illegible]
ENE	.[illegible]											.1	1.[illegible]
E	.1											.1	1.[illegible]
ESE	.[illegible]											.[illegible]	1.[illegible]
SE	.[illegible]	.[illegible]										.4	2.3
SSE	[illegible].[illegible]	1.2										3.[illegible]	2.[illegible]
S	[illegible].[illegible]	[illegible].[illegible]	.[illegible]									15.6	3.1
SSW	3.[illegible]	6.[illegible]	2.8									13.3	4.[illegible]
SW	[illegible].2	3.[illegible]	1.6									7.[illegible]	4.[illegible]
WSW	1.0	.[illegible]	.[illegible]									2.1	3.[illegible]
W	[illegible].2	.4										[illegible].6	2.4
WNW	.[illegible]	.4										1.1	2.[illegible]
NW	.1	.4										.5	3.3
NNW													
VARBL													
CALM												[illegible]2.6	
	23.3	18.4	5.7									[illegible]99.9	1.6

TOTAL NUMBER OF OBSERVATIONS [illegible]510

USAFETAC FORM [illegible] JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[ ] STATION — GRAY AAF/FT LEWIS WA STATION NAME — 77-81 YEARS — JUL MONTH

ALL WEATHER CLASS — [ ] HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	.4									2.0	[illegible]
NNE	1.4	.2	.4									2.0	7.6
NE	1.2	.[illegible]	.1	.1								2.3	[illegible]
ENE	.[illegible]	.1	.1									.[illegible]	2.7
E	.[illegible]											.[illegible]	2.[illegible]
ESE	.1											.1	[illegible]
SE	.[illegible]	.[illegible]										.[illegible]	2.3
SSE	.[illegible]	.[illegible]										2.8	2.3
S	[illegible]	6.[illegible]	1.9									14.4	4.1
SSW	[illegible].1	6.[illegible]	[illegible].[illegible]	.1	.1							15.6	4.8
SW	4.4	6.[illegible]	2.1	.1								13.2	4.5
WSW	1.[illegible]	1.1	.9									3.8	4.4
W	2.[illegible]	1.7	.1									4.3	3.3
WNW	[illegible].1	.[illegible]										2.6	2.3
NW	1.[illegible]	.1										1.7	2.2
NNW	.[illegible]	.[illegible]										1.2	2.6
VARBL													
CALM												[illegible].2	
	32.0	27.[illegible]	9.3	.4	.1							1[illegible]0.0	2.7

TOTAL NUMBER OF OBSERVATIONS [illegible]12

USAFETAC FORM 0-1-A JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	GRAY AAF/FT LEWIS WA	77-81	JUN

ALL WEATHER (CLASS)

[illegible] (HOURS (L.S.T.))

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	4.3	.5									7.4	4.1
NNE	3.1	3.6	1.5									8.2	4.9
NE	.9	.8	1.0									2.3	5.7
ENE	.4	.4	.5									1.2	5.3
E	.5											.5	1.8
ESE	.4	.1										.5	2.3
SE	.7	.1										.9	2.1
SSE	.5	.6										1.1	3.4
S	1.7	3.6	2.7	.2								8.3	5.7
SSW	2.6	6.7	4.2	.4								13.8	5.8
SW	3.6	6.2	4.0	.6								14.3	5.5
WSW	2.1	3.5	3.1	.2								8.9	5.7
W	3.5	3.5	1.7									8.6	4.3
WNW	2.2	1.7	.4									4.3	3.6
NW	3.3	2.8	.1									6.3	3.5
NNW	2.6	3.1	.5									6.3	3.8
VARBL													
CALM												8.3	
	29.3	40.9	27.1	1.5								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[redacted]	[redacted]AY AAF/FT LEWIS WA	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	5.3	1.6									6.9	4.9
NNE	[illegible]	3.6	1.9									7.4	4.9
NE	.9	1.1	.9									[illegible]	5.1
ENE	[illegible]	.2	.4									.7	6.1
E	.4	.1										.5	[illegible]
ESE	.4											.4	2.3
SE	.5											.7	2.3
SSE	.4	.6										1.0	[illegible]
S	1.1	2.6	1.5	.2								5.4	5.5
SSW	1.0	4.6	5.1	.6								11.5	6.8
SW	[illegible]	4.7	6.8	1.0								14.6	6.9
WSW	[illegible]	2.8	4.1	.9								9.8	6.6
W	[illegible]	4.2	1.5	.9	.1							9.2	5.8
WNW	1.7	4.7	1.7	.1								[illegible]	[illegible]
NW	[illegible]	4.1	.7									7.7	4.4
NNW	[illegible]	4.1	1.[illegible]									7.7	4.3
VARBL													
CALM												3.7	
	[illegible]2.3	43.1	27.0	3.7	.1							1[illegible]0.0	5.4

TOTAL NUMBER OF OBSERVATIONS [illegible]810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA (STATION / STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS L.S.T.)

(CONDITION)

SPEED (KNTS) / DIR	1 - 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.[illegible]	2.2									[illegible].3	[illegible].[illegible]
NNE	[illegible].1	3.5	1.0									5.[illegible]	4.[illegible]
NE	1.4	1.[illegible]	.[illegible]									3.[illegible]	[illegible].[illegible]
ENE	.[illegible]	.[illegible]	.4									1.4	4.5
E													
ESE	.1											.1	2.[illegible]
SE	.[illegible]	.4										.9	2.[illegible]
SSE	.1	.[illegible]										.6	5.
S	.[illegible]	2.6	1.[illegible]	.[illegible]								4.4	5.[illegible]
SSW	.7	3.6	2.8	.5								7.7	6.5
SW	1.0	4.2	4.4	.5								10.1	6.6
WSW	1.1	2.5	3.3	1.9								8.8	7.6
W	1.2	4.1	5.9	1.[illegible]	.2							13.2	7.6
WNW	2.1	4.[illegible]	4.3	.9								12.2	6.3
NW	1.6	5.1	2.0	.4								9.0	5.5
NNW	[illegible].2	3.6	.7									5.5	4.3
VARBL													
CALM												6.[illegible]	
	10.5	42.2	28.9	6.[illegible]	.2							100.[illegible]	5.7

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72272 (STATION) OMAHA AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.8	3.7	.9									7.4	4.2
NNE	3.7	6.2	2.0									11.9	4.7
NE	3.6	2.1	.6									5.3	3.9
ENE	.6	.1										.7	2.7
E	.6	.1										.7	2.3
ESE	.1											.1	3.0
SE	.2											.2	1.5
SSE	.6	.1										.7	2.2
S	3.1	1.1	.9									4.1	4.1
SSW	1.6	4.3	2.1	.7								8.6	6.0
SW	1.5	4.9	4.6	.6								11.6	6.3
WSW	.8	2.6	1.1	.7	.1							5.1	6.8
W	1.6	4.3	6.2	1.1								13.7	6.9
WNW	2.3	6.9	3.2	.2								12.3	5.6
NW	1.7	4.2	1.1									7.0	4.9
NNW	2.5	1.8										4.3	2.9
VARBL													
CALM												7.4	
	24.1	42.3	22.6	3.5	.1							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME

77-81 — YEARS

JUN — MONTH

ALL WEATHER — CLASS

[illegible] — HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 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										1.9	2.7
NNE	2.0	1.6										3.6	3.0
NE	1.4	.7										2.1	3.1
ENE	.7											.7	1.5
E	.1											.1	2.0
ESE	.1											.1	1.3
SE	.6											.6	1.6
SSE	.0	.2										1.1	2.4
S	5.4	4.9	.4	.1								10.8	3.6
SSW	2.6	5.0	2.8	.1								11.5	5.1
SW	2.8	4.4	2.3	.1								9.8	5.1
WSW	1.9	1.9	.6									4.3	4.1
W	4.6	3.6	1.9									10.0	4.1
WNW	2.5	3.6	.9									6.9	4.3
NW	2.2	2.0	.4									4.6	3.6
NNW	.7											.7	1.8
VARBL													
CALM												21.0	
	30.3	29.1	9.3	.4								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 899

...L CLIMATOLOGY BRANCH
2 ...ETAC
...WEATHER SERVICE/MAC

SURFACE WINDS

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

...STATION | ...RAY AAF/FT LEWIS WA (STATION NAME) | 73-81 (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	1.2	2.4	.7									4.5	4.4
NNE	1.5	2.5	.9									4.8	4.5
NE	1.1	.9	.4	.0								2.4	4.3
ENE	.4	.2	.2									.7	4.1
E	.3	.1										.3	2.5
ESE	.2	.0										.2	2.7
SE	.6	.1										.7	2.2
SSE	1.1	.7										1.5	2.9
S	4.4	4.2	1.2	.1								9.7	4.1
SSW	2.8	5.8	3.2	.4	.0							12.1	5.5
SW	2.5	4.7	3.5	.4								11.3	5.6
WSW	1.5	2.2	1.7	.5	.0							5.7	5.9
W	2.4	2.5	2.2	.5	.0							7.9	5.5
WNW	1.8	2.9	1.3	.2								6.2	5.2
NW	1.9	2.4	.5	.0								4.8	4.3
NNW	1.5	1.6	.3									3.3	3.9
VARBL													
CALM												23.6	
	25.5	32.9	16.2	2.0	.1							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 4479

2

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

... STATION | ...AY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | JUL MONTH

ALL WEATHER CLASS | ...000-...000 HOURS L.S.T.

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.1										.9	2.2
NNE	.2	.1										.4	2.2
NE	.3	.1										.4	2.3
ENE		.1										.1	2.0
E													
ESE	.2											.2	2.0
SE	.4											.4	1.3
SSE	.2	.1										.2	2.1
S	5.9	4.3	1.1									11.2	3.7
SSW	4.2	4.5	1.7	.1								10.5	4.4
SW	2.2	1.1	.8									4.2	3.6
WSW	1.7	.3	.1									2.2	3.2
W	3.6	.5	.2									4.2	2.6
WNW	1.4	.3										2.3	2.3
NW	1.1	.6										1.7	2.9
NNW	.4	.1										.6	2.2
VARBL													
CALM												58.4	
	21.3	13.3	3.9	.1								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC FORM JUL 64 ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] [illegible] GRAY AAF/FT [illegible] AK — 77-81 — YEARS — JUL MONTH

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

CONDITION

DIRECTION (FROM)	SPEED (KNOTS) 1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4											.4	2.3
NNE	.4		.1									.5	4.5
NE													
ENE	.1											.1	2.0
E													
ESE	.1	.1										.2	2.5
SE	.5	.5										.5	3.5
SSE	1.2	.7										1.9	1.9
S	6.9	3.9	.6									11.5	3.3
SSW	4.9	4.2	.5									9.7	3.5
SW	3.6	1.9	1.0									6.5	3.7
WSW	2.2	.5	.1									3.0	2.8
W	1.9	1.0										2.9	2.9
WNW	.8	.4										1.2	2.6
NW	.7	.1										.9	2.3
NNW	.3	.1										.4	2.7
VARBL													
CALM												45.7	
	24.1	12.9	2.4									100.0	1.3

TOTAL NUMBER OF OBSERVATIONS 972

[illegible] AFGWC FORM [illegible] [illegible] PREVIOUS EDITIONS [illegible] OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...AY AAF/FT LEWIS WA — STATION / STATION NAME

77-81 — YEARS

JU... — MONTH

... - ... LST

ALL WEATHER — CLASS

CONDITION

SPEED (KNOTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.1									1.4	2.7
NNE	1.2	.2	.4									1.8	3.7
NE	1.2	.6	.1									.9	2.7
ENE	.5	.3										.8	1.9
E	.4											.4	2.0
ESE	.2											.2	1.8
SE	.3											.3	2.0
SSE	.2	.3										1.1	2.6
S	.1	5.2	.8	.1								9.8	4.3
SSW	.2	4.5	1.7	.1								12.[illegible]	5.1
SW	4.1	4.4	1.4	.1								10.2	4.3
WSW	2.4	1.7	.6									4.7	3.7
W	.9	1.7	.3									2.9	2.9
WNW	.3	.4										.9	2.5
NW	1.2	.5										1.7	2.6
NNW	1.1		.1									1.2	2.5
VARBL													
CALM												43.[illegible]	
	.[illegible]7	21.7	5.5	.4								100.1	3.1

TOTAL NUMBER OF OBSERVATIONS [illegible]77

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE ...

2

SURFACE WINDS

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

STATION ... STATION NAME ... YEARS ... MONTH

ALL WEATHER
CLASS

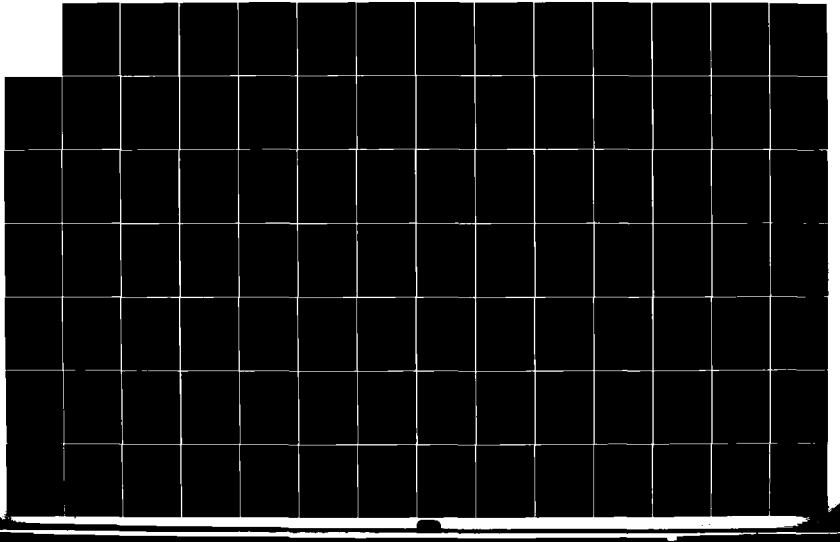
... HOURS ... LST

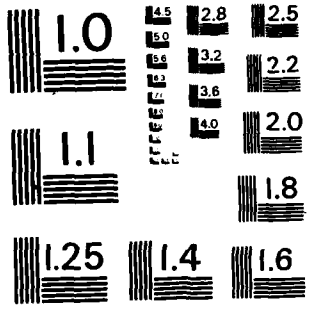
SPEED (KNOTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	4.	1.4									1	4.
NNE	1.	4.3	5.6									3.3	.7
NE	.2	1.5	.7									2.	.
ENE	.1	.4										.	.
E													
ESE	.1											.	.
SE	.1												.
SSE	.1	.4	.1									.4	4.
S	.5	1.3	1.4	.1								.	5.
SSW	1.2	5.6	4.1	.4								11.3	5.
SW	1.2	6.6	3.9	.1								11.8	5.
WSW	1.6	3.	1.3	.								3.	4.
W	1.5	3.8	.6									.	4.
WNW	3.2	2.3	.3									5.	3.4
NW	1.8	2.7										4.5	3.
NNW	2.1	2.3	.1									.	3.
VARBL													
CALM												14.3	
	17.1	44.3	16.5	.8								100.	3.3

TOTAL NUMBER OF OBSERVATIONS

AD-A128 112 GRAY AAF/FORT LEWIS WASHINGTON REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 14 DEC 82

UNCLASSIFIED USAFETAC/DS-82/062 SBI-AD-E850 362 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

748070	GRAY AAF/FT LEWIS WA	73-81	JUL
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	3.9	7.2	2.6	.1								13.9	4.9
NNE	1.4	4.1	2.6	.2								8.4	5.7
NE	.5	2.0	1.0									3.5	5.6
ENE	.2	.4	.1	.1								.8	6.0
E	.2											.2	1.5
ESE	.1											.1	2.0
SE	.4											.4	2.3
SSE	.2	.2	.2									.7	4.5
S	1.3	1.4	1.0									3.7	4.9
SSW	2.0	3.2	1.8	.2								7.3	5.3
SW	1.4	5.5	4.9	.5								12.3	6.3
WSW	1.4	2.6	1.9	.4								6.3	5.9
W	2.6	3.9	2.2									8.7	4.8
WNW	2.6	6.3	1.2									10.2	4.5
NW	3.3	5.9	1.2	.1								10.5	4.4
NNW	1.9	4.8	1.3	.1								8.1	4.7
VARBL													
CALM												4.9	
	23.8	47.6	22.0	1.8								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 837

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

742070	GRAY AAF/FT LEWIS WA	73-81	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	5.3	7.5	1.7	.1								14.6	4.3
NNE	2.3	4.7	1.4	.1								8.5	5.0
NE	1.0	2.7	1.3									5.0	5.4
ENE		.7	.1	.1								1.3	6.8
E	.2											.2	2.0
ESE		.5										.5	4.5
SE	.4	.1										.5	2.5
SSE		.2	.1									.4	5.3
S	.2	.7	.8									1.8	5.9
SSW	.8	2.9	1.1									4.8	5.1
SW	1.3	3.3	1.6	.1								6.3	5.5
WSW	.7	1.8	2.2	.8								5.5	6.9
W	2.6	5.0	2.9	.8								11.4	5.8
WNW	3.2	5.7	2.5	.7								12.2	5.4
NW	3.6	7.4	4.4	.7								16.1	5.5
NNW	2.4	5.0	1.1									8.5	4.7
VARBL													
CALM												2.9	
	24.0	48.4	21.1	3.6								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742770	GRAY AAF/FT LEWIS WA	73-81	JUL
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	4.7	4.1	.7									9.4	3.7
NNE	4.1	9.1	1.8									14.9	4.5
NE	1.7	1.8	.6									4.1	4.3
ENE	.4	.2										.6	3.4
E	.5											.5	1.8
ESE	.1	.1										.2	3.0
SE	.4	.1										.5	2.5
SSE	.2	.2	.2									.7	5.0
S	.2	.8	.6									1.7	5.5
SSW	.7	2.5	1.1									4.3	5.1
SW	1.0	2.6	1.4									5.0	5.3
WSW	1.4	2.3	.8	.1								4.7	5.2
W	2.2	4.1	4.2	.2								10.6	5.7
WNW	1.8	10.2	4.7	.4								17.0	5.8
NW	3.6	6.3	1.9	.1								11.9	4.8
NNW	3.6	1.7	.4									5.6	3.3
VARBL													
CALM												8.2	
	26.4	46.1	18.4	.8								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742070	GRAY AAF/FT LEWIS WA	73-81	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	1.0	.2										1.2	2.6
NNE	2.6	1.7										4.3	3.1
NE	1.4	.4										1.8	2.7
ENE	.7											.7	1.7
E													
ESE													
SE	.4	.1										.5	2.3
SSE	.6											.6	1.8
S	3.1	2.2	.6	.1								6.0	3.8
SSW	3.2	2.5	1.1	.1								6.9	4.2
SW	3.1	2.5	.7									6.3	3.8
WSW	1.9	.8	.4									3.1	3.6
W	4.8	5.1	.7									10.6	3.8
WNW	4.1	3.9	.6									8.6	3.8
NW	3.6	2.5	.2									6.3	3.2
NNW	1.7											1.7	2.1
VARBL													
CALM												41.3	
	32.1	22.0	4.3	.2								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742070 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	3.0	.8	.0								6.5	4.2
NNE	1.7	3.1	1.1	.0								6.0	4.8
NE	.8	1.1	.5									2.4	4.7
ENE	.3	.2	.0	.0								.6	4.1
E	.2											.2	1.4
ESE	.1	.1										.2	2.8
SE	.3	.1										.4	2.4
SSE	.7	.2	.1									1.0	2.8
S	2.7	2.6	.9	.0								6.2	4.2
SSW	3.0	3.7	1.6	.1								8.5	4.7
SW	2.4	3.4	2.0	.1								7.9	5.0
WSW	1.7	1.7	.9	.2								4.5	4.9
W	3.2	3.1	1.4	.1								7.8	4.5
WNW	2.4	3.9	1.1	.1								7.6	4.6
NW	2.6	3.3	1.0	.1								7.0	4.4
NNW	1.7	1.8	.4	.0								3.9	4.0
VARBL													
CALM												29.3	
	26.5	31.5	11.8	1.0								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 6696

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742070 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (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		.1	.1									.2	5.5
NNE	.1											.1	2.0
NE	.2	.1										.4	3.0
ENE	.1											.1	1.0
E	.1											.1	3.0
ESE	.2											.2	1.5
SE	.4											.4	2.0
SSE	1.8	1.0	.1									2.9	2.9
S	5.3	4.4	.8									10.5	3.6
SSW	3.2	5.1	1.3									9.7	4.3
SW	3.1	2.5	1.0									6.6	4.0
WSW	1.7	1.0										2.6	3.0
W	4.5	1.2										5.7	2.6
WNW	2.5	1.1										3.6	2.7
NW	2.2	.1										2.3	2.0
NNW	.4											.4	1.7
VARBL													
CALM												54.2	
	25.8	16.6	3.3									100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742970	GRAY AAF/FT LEWIS WA	73-81	AUG
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													
NNE		.2										.2	4.0
NE	.2											.2	2.0
ENE													
E	.2	.1										.4	3.0
ESE	.2											.2	1.5
SE	.5	.1										.6	2.2
SSE	1.7	.8										2.5	2.6
S	8.5	4.1	.5									13.0	3.1
SSW	4.4	5.5	1.3									11.2	4.2
SW	3.3	2.0	.5									5.9	3.3
WSW	2.4	1.2										3.6	3.0
W	5.3	.7										6.0	2.4
WNW	1.4		.1									1.6	2.6
NW	1.2	.4										1.6	2.2
NNW	.2											.2	2.0
VARBL													
CALM												52.8	
	29.6	15.2	2.4									100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742070	GRAY AAF/FT LEWIS WA	73-81	AUG
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	.6	.4										1.0	2.9
NNE	1.0	.1	.1									1.2	3.2
NE	.6	.1										.7	2.3
ENE													
E	.1											.1	3.0
ESE	.4											.4	1.3
SE	.2	.2										.5	3.0
SSE	1.3	1.0										2.3	3.3
S	5.9	5.1	1.3									12.3	3.8
SSW	5.4	5.9	2.6	.1								14.0	4.5
SW	4.4	3.8	1.0									9.2	3.8
WSW	3.8	.6	.5									4.9	2.8
W	3.3	.8										4.2	2.5
WNW	1.8	.6										2.4	2.5
NW	1.3	.2	.1									1.7	2.6
NNW	1.2	.2										1.4	2.2
VARBL													
CALM												43.8	
	31.3	19.1	5.6	.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742770	GRAY AAF/FT LEWIS WA	73-81	AUG
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	3.7	4.2	.5									8.4	3.9
NNE	2.4	3.2	.6	.2								6.5	4.5
NE	1.4	.6	.6									2.6	4.0
ENE	.4	.4										.7	3.2
E													
ESE	.2											.2	2.0
SE	.4	.1										.5	2.0
SSE	.4	.4										.7	3.2
S	2.2	2.5	1.8	.5								6.9	5.5
SSW	3.5	4.5	5.5	.4								13.9	6.0
SW	3.2	5.1	2.4	.4								11.1	5.1
WSW	2.5	2.5	.2	.4								5.6	4.3
W	6.5	3.0	.5									9.9	3.1
WNW	2.6	2.0	.1	.1								4.9	3.4
NW	3.6	1.2	.1									4.9	2.8
NNW	2.4	3.1	.4									5.9	3.8
VARBL													
CALM												17.3	
	35.2	32.9	12.7	1.9								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742070	GRAY AAF/FT LEWIS WA	73-81	AUG
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	3.7	8.1	1.2	.1								13.1	4.5
NNE	2.2	3.0	2.6	.1								7.9	5.4
NE	1.1	1.1	.7	.1								3.0	5.0
ENE	.1											.1	2.0
E	.6											.6	2.2
ESE	.2	.1										.4	2.0
SE	.1											.1	2.0
SSE	.2	.2										.5	3.3
S	1.1	1.4	1.6	.6								4.7	6.4
SSW	1.2	2.2	3.0	1.3								7.6	7.0
SW	1.4	2.6	3.3	.4								7.8	6.2
WSW	1.2	3.2	1.1	.7								6.2	6.0
W	2.7	5.6	1.7									10.0	4.5
WNW	3.5	4.1	1.8	.1								9.4	4.5
NW	3.5	6.3	1.6									11.0	4.5
NNW	4.7	5.7	.8									10.8	3.9
VARBL													
CALM												6.8	
	27.5	42.9	19.4	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72070	GRAY AAF/FT LEWIS WA	73-81		AUG
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	4.2	10.5	1.4									16.1	4.5
NNE	1.8	4.5	.8									7.2	4.7
NE	.8	2.0	.4									3.2	4.7
ENE		.5										.5	4.3
E	.1											.1	2.7
ESE													
SE		.1										.1	4.0
SSE	.6	.2										.8	3.0
S	.7	2.5	.7									4.1	4.9
SSW	1.3	1.9	2.0	.2								5.4	6.0
SW	1.4	2.6	2.7	.5								7.3	6.4
WSW	1.3	2.6	1.9	.5								6.3	6.2
W	2.2	3.9	2.3	.4								8.6	5.5
WNW	2.7	6.2	3.9	.2								13.1	5.5
NW	3.3	6.3	2.5	.2								12.4	5.0
NNW	2.6	5.6	1.2									9.4	4.7
VARBL													
CALM												5.3	
	23.2	49.6	20.0	2.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible]70 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1900-2[illegible] (HOURS (L S T))

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	4.3	.2									8.6	3.[illegible]
NNE	4.3	6.[illegible]	1.1									11.2	4.1
NE	2.2	2.[illegible]										4.2	3.[illegible]
ENE	.4	.1										.5	2.[illegible]
E	.5											.5	2.3
ESE	.[illegible]											.[illegible]	1.[illegible]
SE	.[illegible]	.1										.[illegible]	4.[illegible]
SSE	1.4											1.4	2.1
S	.3	1.7	.4	.1								3.0	4.[illegible]
SSW	1.[illegible]	2.3	1.3	.2								[illegible].[illegible]	5.6
SW	1.4	3.5	2.4									7.[illegible]	5.6
WSW	.6	2.[illegible]	1.[illegible]	.1								3.[illegible]	5.[illegible]
W	1.7	3.2	3.[illegible]	.5								8.4	6.[illegible]
WNW	2.0	6.6	3.6									12.2	[illegible].4
NW	4.1	6.1	1.3									11.[illegible]	4.3
NNW	2.3	1.3	.1									3.7	3.1
VARBL													
CALM												17.1	
	27.5	40.1	14.4	1.0								100.0	3.[illegible]

TOTAL NUMBER OF OBSERVATIONS 835

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[redacted] GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — YEARS

[redacted] — MONTH

ALL WEATHER — CLASS

[redacted]-[redacted] — HOURS (LST)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.4	.1									1.1	3.7
NNE	.6	.4	.1									1.3	3.6
NE	.6	.6	.1									1.2	4.3
ENE	.1	.1										.2	3.0
E													
ESE	.1											.1	2.0
SE	.4	.1										.5	2.3
SSE	1.7	.1										1.8	2.3
S	3.9	2.4	1.9									8.2	3.9
SSW	2.3	4.3	2.0	.1								8.7	5.1
SW	1.7	2.8	1.2									5.6	4.8
WSW	1.8	1.2	.4									3.3	3.7
W	4.8	2.3	.1									7.2	3.1
WNW	4.9	3.3	.5									8.7	3.3
NW	3.9	2.5										6.5	2.9
NNW	.6	.1										.7	2.3
VARBL													
CALM												46.8	
	27.0	20.6	5.5	.1								100.0	2.0

TOTAL NUMBER OF OBSERVATIONS 836

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727077	GRAY AAF/FT LEWIS WA	73-81	AUG
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	2.1	3.5	.4	.0								6.1	4.2
NNE	1.6	2.3	.7	.0								4.6	4.5
NE	.9	.8	.2	.0								1.9	4.0
ENE	.1	.1										.3	3.1
E	.2	.0										.2	2.6
ESE	.2	.3										.3	1.7
SE	.3	.1										.4	2.5
SSE	1.1	.5	.0									1.6	2.9
S	3.4	3.0	1.0	.1								7.6	4.1
SSW	2.8	3.9	2.4	.3								9.4	5.2
SW	2.5	3.1	1.8	.1								7.6	5.3
WSW	1.9	1.8	.6	.2								4.5	4.6
W	3.9	2.6	.9	.1								7.5	3.9
WNW	2.7	3.3	1.3	.1								7.0	4.4
NW	2.9	2.9	.7	.0								6.5	4.3
NNW	1.8	2.0	.3									4.1	3.9
VARBL													
CALM												30.5	
	28.4	29.6	10.4	1.1								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 6694

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74207	GRAY AAF/FT LEWIS WA	73-81	SEP
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													
NNE													
NE	.7	.1										.9	2.3
ENE	.5											.5	2.5
E	.4											.4	1.3
ESE													
SE	1.0	.4										1.4	2.6
SSE	2.5	.5										3.0	2.5
S	5.8	4.6	.6	.1								11.1	3.6
SSW	1.7	3.1	1.7	.4								6.2	5.3
SW	1.5	1.4	.1	.1								3.1	4.0
WSW	.7	.6										1.4	3.4
W	1.9	.2	.1									2.2	2.7
WNW	.5	.2	.2									1.0	4.3
NW	1.0											1.0	1.6
NNW													
VARBL													
CALM												68.0	
	18.1	11.1	2.1	.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74????	GRAY AAF/FT LEWIS WA	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0100-0500
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													
NNE	.1											.1	1.0
NE	.9	.1										1.0	2.1
ENE	.1											.1	2.0
E	.5											.5	1.5
ESE													
SE	1.6	.1										1.7	2.1
SSE	2.5	.4										2.8	2.1
S	5.6	4.7	.5									10.7	3.5
SSW	1.9	2.2	.5	.1								4.7	4.4
SW	1.4	2.2	.6									4.2	4.4
WSW	.4	.5										.9	3.4
W	1.2	.4										1.6	2.5
WNW	.5	.1										.6	2.2
NW													
NNW	.1											.1	2.0
VARBL													
CALM												70.9	
	16.7	10.7	1.6	.1								100.0	1.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible] (STATION) | GRAY AAF/FT LEWIS WA (STATION NAME) | 73-81 (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	.9											.9	2.0
NNE	1.1	.4										1.5	2.5
NE	1.9	.6	.1									2.6	2.7
ENE	.9	.5	.1									1.5	3.4
E	.4	.1										.5	2.5
ESE	.1											.1	1.0
SE	1.1											1.1	1.9
SSE	2.8	.5										3.3	2.3
S	9.1	5.8	1.4									16.3	3.5
SSW	2.1	3.7	1.2									7.0	4.5
SW	1.7	1.2	.4									3.3	3.9
WSW	.4	.4	.1									.9	4.3
W	1.5	.6	.1									2.2	3.1
WNW	.2	.1										.4	3.0
NW	.3	.1										.4	3.0
NNW	.4											.4	1.7
VARBL													
CALM												57.7	
	24.8	14.1	3.5									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

726070	GRAY AAF/FT LEWIS WA	73-81	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	3.7	2.7	1.1									7.5	4.0
NNE	3.3	4.2	1.5									9.0	4.4
NE	3.6	2.7	1.6									7.9	4.3
ENE	1.7	1.4	.4									3.5	3.7
E	.7	.1	.1									1.0	2.8
ESE	.4											.4	1.3
SE	.4	.2										.6	2.8
SSE	.6	.9		.1								1.6	4.5
S	1.5	3.2	2.6	.7	.1							8.1	6.3
SSW	3.6	5.1	3.3	.5								12.5	5.5
SW	2.0	4.4	2.5	.4								9.3	5.6
WSW	1.4	1.5	.5	.2								3.6	4.8
W	1.7	1.4	.9	.2								4.2	4.7
WNW	1.2	.5	.1									1.9	3.2
NW	1.5	1.5	.1									3.1	3.4
NNW	1.6	1.2										2.8	3.3
VARBL													
CALM												23.1	
	28.9	31.0	14.7	2.2	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

748270	GRAY AAF/FT LEWIS WA	73-81	SEP
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	2.7	7.7	1.5	.2								12.1	4.9
NNE	1.9	4.7	4.0	.1								10.6	5.6
NE	1.0	4.3	2.2									7.5	5.5
ENE	.5	.6		.1								1.2	4.4
E	.6											.6	2.0
ESE	.5	.1	.1									.7	3.7
SE	.2	.1										.4	2.7
SSE	.4	.2										.6	3.2
S	.7	2.0	2.3	1.0	.1							6.2	7.5
SSW	1.1	2.8	4.9	.4								9.3	6.9
SW	1.6	4.4	4.4	.6								11.1	6.3
WSW	1.4	1.7	1.9	.1								5.1	5.6
W	2.5	3.5	1.7	.2	.1							8.0	5.2
WNW	1.9	2.8	.5	.2								5.4	4.5
NW	2.5	3.6	.2	.1								6.4	3.9
NNW	2.6	3.5	1.1									7.2	4.4
VARBL													
CALM												7.5	
	22.0	42.1	24.9	3.2	.2							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

742970	GRAY AAF/FT LEWIS WA	73-81	SEP
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	4.3	7.4	1.7									13.5	4.4
NNE	3.2	7.5	3.7	.4								14.8	5.4
NE	2.7	3.7	1.2									7.7	4.6
ENE	.4	.4										.7	3.3
E	.4											.4	2.0
ESE	.4											.4	1.7
SE	.5	.1										.6	2.8
SSE	.4	.5										.9	3.7
S	.6	1.6	2.1	.7								5.1	7.4
SSW	1.6	2.7	1.9	.4								6.6	5.6
SW	1.7	2.7	2.1									6.6	5.2
WSW	1.4	2.8	2.3	.4								6.9	6.1
W	1.2	2.3	2.1	.6								6.3	6.3
WNW	1.5	2.1	1.4									4.9	5.1
NW	3.2	4.2	.7									8.2	4.0
NNW	2.6	3.3	.5									6.4	3.9
VARBL													
CALM												10.1	
	26.1	41.5	19.8	2.5								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727970 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (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	2.1	1.7	.1									4.0	3.3
NNE	6.8	3.6	.6									11.0	3.4
NE	2.5	2.4	.4									5.2	3.7
ENE	.7											.7	2.3
E	.2	.1										.4	2.3
ESE	.5	.1										.6	2.2
SE	.5											.5	1.5
SSE	.7	.6										1.4	3.2
S	2.6	2.1	.7	.1								5.6	4.3
SSW	1.5	5.0	1.1									7.6	4.8
SW	1.2	3.0	.9									5.1	4.9
WSW	.9	1.5	.7									3.1	5.0
W	1.0	1.1	.6									2.7	4.6
WNW	.7	1.9	1.1	.1								3.8	5.6
NW	2.4	2.2	.1									4.7	3.4
NNW	1.4	.4	.1									1.9	2.7
VARBL													
CALM												41.8	
	25.8	25.7	6.6	.2								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
727720	GRAY AAF/FT LEWIS WA	73-81	SEP

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 2100-2300

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4											.4	2.0
NNE	.9	1.0										1.9	3.3
NE	.6	.1										.7	2.3
ENE	.5											.5	1.5
E	.2											.2	2.5
ESE	.2											.2	2.0
SE	.5											.5	1.5
SSE	2.8	.1	.1									3.1	2.2
S	3.7	4.9	1.4									10.0	4.2
SSW	1.7	3.3	1.4									6.4	4.9
SW	1.0	1.4	1.0									3.3	4.9
WSW	.5	.5	.1									1.1	3.8
W	1.6	1.2	.1									3.0	3.1
WNW	2.0	1.9										3.8	3.6
NW	1.0	.4										1.4	3.0
NNW	.5											.5	2.5
VARBL													
CALM												62.9	
	18.2	14.8	4.1									100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible] (STATION) SPAY AAF/FT LEWIS WA (STATION NAME) 73-81 (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	1.8	2.4	.6	.0								4.8	4.3
NNE	2.2	2.7	1.2	.1								6.1	4.6
NE	1.7	1.8	.7									4.2	4.3
ENE	.7	.4	.1	.0								1.1	3.4
E	.4	.1	.0									.5	2.2
ESE	.3	.0	.0									.3	2.4
SE	.7	.1										.8	2.2
SSE	1.6	.5	.0	.0								2.1	2.6
S	3.7	3.6	1.5	.3	.0							9.1	4.6
SSW	1.9	3.5	1.9	.2								7.5	5.3
SW	1.5	2.6	1.5	.1								5.7	5.2
WSW	.9	1.2	.7	.1								2.9	5.2
W	1.6	1.3	.7	.1	.0							3.8	4.6
WNW	1.1	1.2	.4	.0								2.7	4.5
NW	1.5	1.5	.2	.0								3.1	3.6
NNW	1.1	1.1	.2									2.4	3.8
VARBL													
CALM												42.7	
	22.6	23.9	9.7	1.1	.0							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 6475

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74??7?	GRAY AAF/FT LEWIS WA	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-0200
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	3.5
NNE	.1											.1	2.0
NE	.4											.4	1.7
ENE	.1											.1	3.0
E	.7											.7	1.3
ESE	.1											.1	2.0
SE	1.0	.6	.1	.1								1.8	4.2
SSE	2.5	1.8										4.3	3.0
S	7.2	5.7	1.9	.6	.2							15.7	4.6
SSW	2.3	1.9	2.3	.1	.1							6.7	5.7
SW	.5	.4	.2	.2								1.3	5.6
WSW		.2	.1									.4	6.0
W	.2	.1										.4	2.7
WNW	.2											.2	2.0
NW													
NNW													
VARBL													
CALM												67.6	
	15.4	10.9	4.7	1.1	.4							100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA | 73-81 | OCT

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | [illegible]

CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.2	1.5
NNE	.1	.4	.2									.7	6.[illegible]
NE	1.[illegible]	.5	.1									1.6	2.9
ENE	.2											.2	2.[illegible]
E	.6											.6	2.[illegible]
ESE	.7	.1	.1									1.[illegible]	2.9
SE	1.3	.6	.1									[illegible].[illegible]	3.1
SSE	2.[illegible]	1.2	.1	.1								3.9	3.[illegible]
S	5.[illegible]	5.7	1.6	.4	.1							13.[illegible]	4.4
SSW	.5	1.4	3.1	.7	.2							6.[illegible]	[illegible].[illegible]
SW	.8		.6	.1								1.[illegible]	5.[illegible]
WSW	.1	.1										.2	4.[illegible]
W	.2	.1	.1									.5	4.3
WNW	.1											.1	2.[illegible]
NW	.[illegible]											.[illegible]	2.[illegible]
NNW	.2											.2	1.5
VARBL													
CALM												67.5	
	14.6	10.2	6.1	1.3	.4							100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 837

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

74[illegible] GRAY AAF/FT LEWIS WA — 73-91 — OCT
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER
CLASS

[illegible]
HOURS L.S.T.

CONDITION

SPEED (KNTS) / DIR	1 - 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										1.1	3.3
NNE	.4	.5										.8	3.9
NE	1.9	.4										2.3	2.4
ENE	.4	.4										.7	2.3
E	.7											.7	1.7
ESE	.6											.5	1.6
SE	1.7	.4	.3									1.9	2.4
SSE	3.1	1.3	.1	.1								4.7	2.4
S	7.4	6.2	2.4	.8								16.8	4.5
SSW	1.2	1.6	2.0	.5								5.3	5.2
SW	.7	.1	.2									1.1	3.5
WSW	.4	.5	.1									1.0	4.4
W	.7	.1										.9	2.0
WNW													
NW	.2											.2	3.0
NNW	.1											.1	2.0
VARBL													
CALM												1.2	
	19.7	11.8	5.1	1.4								100.3	1.6

TOTAL NUMBER OF OBSERVATIONS 877

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74077 (STATION) GRAY AAF/FT LEWIS #A (STATION NAME) 73-81 (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	1.1	1.2	.7									3.0	4.7
NNE	1.6	2.3	1.1									4.9	4.5
NE	2.7	2.6	1.0	.1								6.5	4.3
ENE	1.6	.1										1.7	2.1
E	.6	.5	.1									1.2	3.3
ESE	.4											.6	1.8
SE	.7	.4	.1									1.2	3.3
SSE	2.0	1.1	.6									3.7	3.7
S	4.1	5.0	3.7	2.0								14.8	6.0
SSW	2.4	2.0	5.6	.7	.1							10.8	7.1
SW	1.1	1.0	1.6	.4								3.9	6.1
WSW	1.2	.5	.4									2.2	4.1
W	1.4	.7	.5									2.6	4.0
WNW	1.2	.4										1.6	2.5
NW	.6	.6										1.2	3.0
NNW	1.1	.2										1.3	2.6
VARBL													
CALM												38.9	
	22.9	19.5	15.3	3.2	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

73[illegible] GRAY AAF/FT LEWIS WA — 73-81 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1300-1400

CLASS — HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	5.0	1.2									8.7	4.4
NNE	3.0	3.9	2.6	.1								9.7	5.1
NE	1.2	4.1	1.1									6.3	5.0
ENE	1.1	.4										1.4	2.7
E	.3											.8	2.4
ESE	.5	.4										.9	3.0
SE	.2											.2	1.5
SSE	.8	1.0	.1	.1								2.0	4.6
S	1.8	2.4	4.2	1.4	.2							10.0	7.3
SSW	1.6	2.9	5.3	1.6	.2	.1						11.6	7.7
SW	1.1	2.4	2.7	.4	.2							6.8	6.6
WSW	.8	2.5	2.0	.4	.1							5.9	6.5
W	3.0	2.7	1.0									6.7	4.1
WNW	2.2	1.6	.5									4.2	3.8
NW	2.5	2.0	.1									4.7	3.4
NNW	2.5	2.7	.1									5.4	3.8
VARBL													
CALM												14.7	
	25.6	33.9	20.9	3.9	.8	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible] GRAY AAF/FT LEWIS WA — 73-81 — OCT

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1500-1700

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.2	4.1	1.0									7.2	4.3
NNE	4.1	5.5	3.3									12.9	4.8
NE	2.2	1.9	.6	.2								4.9	4.3
ENE	.2											.2	2.0
E	.6	.1										.7	2.5
ESE	.5	.1										.6	2.2
SE	.5	.2	.1									.8	3.9
SSE	1.4	1.4	1.0									3.8	4.6
S	1.3	3.5	3.6	.5								8.8	6.4
SSW	1.3	4.5	2.6	.6	.1							9.2	6.2
SW	.7	2.2	1.6	.1								4.5	5.9
WSW	1.0	1.3	1.0	.5	.1							3.8	6.6
W	1.7	2.4	.8	.2								5.1	4.8
WNW	1.4	2.0	1.1	.2								4.8	5.1
NW	3.6	1.8										5.4	2.9
NNW	3.5	2.0	.4									5.9	3.2
VARBL													
CALM												21.3	
	26.0	33.1	17.0	2.4	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74??? (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.6										1.2	3.4
NNE	3.1	1.0	.1									4.2	2.8
NE	1.7	.5										2.2	2.6
ENE	.2		.1									.4	4.2
E	.2											.2	2.5
ESE	.5	.2										.7	2.5
SE	1.3	.5	.1									1.8	2.7
SSE	1.4	.8	.2									2.5	3.5
S	4.3	4.8	3.1	1.1								13.3	5.4
SSW	1.4	2.9	1.7									6.0	5.2
SW	.7	1.3	.7	.1								2.9	5.8
WSW	.7	.5	.2	.1								1.6	5.1
W	.7	.7	.1									1.6	3.6
WNW		.1	.1									.2	7.0
NW		.1	.1									.2	5.5
NNW	.5											.5	1.5
VARBL													
CALM												60.7	
	17.3	14.0	6.7	1.3								100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 837

CL[illegible]RAL CLIMATOLOGY BRANCH
[illegible]FETAC
AI[illegible]WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] [illegible]RAY AAF/FT LEWIS WA — STATION / STATION NAME
73-81 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (LST)
CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.4	2.7
NNE	.7	.2										1.0	2.9
NE	.6	.2										.8	2.4
ENE	.2											.2	1.5
E	.2											.2	1.0
ESE	.4	.2										.8	3.7
SE	1.7	.2										1.9	2.3
SSE	2.2	1.4										3.9	2.8
S	6.3	5.7	2.5	.6								15.2	4.6
SSW	1.2	2.3	2.4	.1								6.0	6.0
SW	.2	.4	1.2	.4								2.2	7.6
WSW	.1	.3	.2									.6	5.6
W	.4											.4	2.3
WNW	.4	.2										.6	3.0
NW	.1											.1	2.0
NNW	.1											.1	2.0
VARBL													
CALM												55.6	
	15.4	11.6	6.3	1.1								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 837

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

(14777) GRAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — 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	.9	1.4	.4									2.7	4.2
NNE	1.6	1.7	.9	.0								4.3	4.6
NE	1.4	1.3	.3	.0								3.1	4.3
ENE	.5	.1	.0									.6	2.6
E	.6	.1	.0									.7	2.3
ESE	.5	.2	.0									.7	2.6
SE	1.0	.4	.1	.0								1.5	3.1
SSE	2.3	1.3	.3	.0								3.6	3.5
S	4.8	4.9	2.9	.9	.1							13.5	5.2
SSW	1.4	2.5	3.1	.5	.1	.0						7.7	6.6
SW	.7	1.0	1.1	.2	.0							3.0	6.2
WSW	.5	.7	.5	.1	.0							1.9	5.8
W	1.0	.9	.3	.0								2.3	4.1
WNW	.7	.5	.2	.0								1.5	4.1
NW	.9	.6	.0									1.5	3.1
NNW	1.0	.6	.1									1.7	3.3
VARBL													
CALM												49.8	
	19.6	18.1	10.3	2.0	.2	.0						100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 6696

USAFETAC FORM JUL 66 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

72[illegible]72	GRAY AAF/FT LEWIS WA	73-81	NOV
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		.4									.6	6.6
NNE	1.1	.5	.7	.1								2.5	5.2
NE	.5	.7	.1									1.4	4.1
ENE	.4	.1										.5	2.5
E	.5	.2	.1									.9	3.4
ESE	.6		.2									.9	3.1
SE	.6	1.1										1.7	3.8
SSE	1.6	1.9	.6	.1								4.2	4.4
S	4.6	6.0	3.3	2.0	.5							16.4	6.4
SSW	1.4	2.5	3.2	.9	.2							8.1	7.2
SW	.7	.9	.7	.7								3.1	7.1
WSW	.1	.4	.1	.5	.1							1.2	9.3
W	.4	.4	.1									.9	4.7
WNW	.5											.5	2.8
NW													
NNW	.1											.1	2.0
VARBL													
CALM												57.0	
	13.3	14.7	9.8	4.3	.9							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

748070	GRAY AAF/FT LEWIS WA	73-81	NOV
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	.2	.4	.2								1.0	8.3
NNE	.6	.4	.5									1.7	4.8
NE	.5	.4	.2									1.1	4.3
ENE	.4	.1										.5	2.3
E	.9											.9	2.1
ESE	.4	.1										.5	2.3
SE	1.7											1.7	2.1
SSE	2.0	2.3	.9	.2								5.4	4.6
S	4.7	6.4	4.4	2.5	.5							18.5	6.6
SSW	.6	1.4	3.0	.9								5.8	7.7
SW	.1	.6	.4	1.4								2.5	9.7
WSW	.2	.2	.1	.7								1.4	8.9
W	.2	.1			.1							.5	6.8
WNW	.1											.1	2.0
NW	.1											.1	2.0
NNW	.1											.1	3.0
VARBL													
CALM												58.1	
	13.1	12.3	9.9	5.9	.6							100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74070 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) NOV (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	.9	.4	.2									1.5	3.5
NNE	.9	.4	.4	.2								1.9	5.5
NE	.9	1.0	.1									2.0	3.8
ENE	.9											.9	1.7
E	1.4											1.4	2.1
ESE	.5	.1										.6	2.4
SE	1.0	.5										1.5	2.3
SSE	2.5	2.0	.7		.1	.1						5.4	4.9
S	4.1	6.9	5.1	1.5	.1	.1						17.8	6.1
SSW	.6	1.9	2.6	1.5								6.5	8.0
SW	.4	.7	1.1	.5	.1							2.8	7.8
WSW	.1	.2	.6	.2								1.2	8.3
W	.4											.4	2.3
WNW		.2	.1									.4	6.0
NW													
NNW	.5	.1										.6	2.4
VARBL													
CALM												55.2	
	14.8	14.4	11.0	4.0	.4	.2						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS 813

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72 73	SPRAY AAF/FT LEWIS WA	73-81	NOV
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	.7	.1	.6									1.5	4.8
NNE	1.0	2.5	1.1									4.1	5.2
NE	1.7	1.2	.4	.1								3.5	4.0
ENE	1.5	.1	.1									1.2	2.6
E	.7											.7	2.0
ESE	.5	.4										.9	3.1
SE	1.0	.4		.1								1.5	3.4
SSE	2.5	1.4	.7	.2								4.8	4.3
S	3.5	5.7	5.3	2.1	.7	.1						17.4	7.2
SSW	.6	3.0	5.7	2.7								12.0	8.2
SW	.5	1.2	1.1	.5								3.3	7.1
WSW	.2	.7	.2	.7								2.0	8.1
W	.2	.4	.5	.4								1.5	7.6
WNW	.2											.2	2.0
NW	.1	.2										.4	3.3
NNW	1.0		.1									1.1	2.6
VARBL													
CALM												44.0	
	15.6	16.8	15.9	6.9	.7	.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 64 OCR-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74 (STATION)	TC (STATION NAME)	GRAY AAF/FT LEWIS WA	73-81 (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	1.9	.9	1.2									4.0	4.7
NNE	1.5	2.1	1.7	.1								5.4	5.4
NE	2.2	2.2	1.0									5.4	4.3
ENE	.3	.4	.1									.7	4.2
E	.4	.1										.6	2.3
ESE	1.1											1.1	2.3
SE	1.2	.6	.2	.1								2.2	3.8
SSE	1.7	1.1	.6									2.7	4.7
S	1.7	2.8	5.9	3.8	.7	.2						15.3	8.9
SSW	2.1	2.5	6.8	3.1	.2							14.7	8.1
SW	.6	1.4	3.3	1.2								6.5	8.3
WSW	1.4	.5	.5	.4	.1							2.5	6.6
W	1.5	.6	1.1	.4								3.6	5.9
WNW	.2	.6	.2									1.1	4.9
NW	1.2	.1										1.4	2.1
NNW	2.4	.7										2.7	2.8
VARBL													
CALM												10.0	
	20.0	16.7	22.8	9.1	1.1	.2						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
CLASS — HOURS L.S.T.

CONDITION

SPEED KNTS: DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.5	.4	.2								3.5	4.6
NNE	2.2	2.6	1.4									6.2	4.5
NE	1.4	1.2	.2	.1								3.[illegible]	4.3
ENE	1.[illegible]	.4	.1									1.5	3.6
E	.5											.5	1.6
ESE	1.1	.1										1.2	2.3
SE	1.4	.5	.1									2.[illegible]	2.9
SSE	1.[illegible]	1.5	.6									3.6	4.2
S	2.6	6.[illegible]	4.6	3.2	.2							17.[illegible]	7.[illegible]
SSW	1.5	3.2	5.9	2.5	.[illegible]	.1						14.[illegible]	6.[illegible]
SW	.6	1.0	1.6	.6								4.6	7.3
WSW	.6	.[illegible]	1.[illegible]	.1								2.5	6.2
W	.[illegible]	.1	1.0	.1								2.3	5.9
WNW	.4	.1										.5	2.3
NW	.[illegible]	.4	.1									1.2	3.4
NNW	1.1	.4										1.5	2.8
VARBL													
CALM												35.4	
	16.9	19.8	17.7	7.2	1.[illegible]	.1						100.[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM [illegible] 7-84-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...AY AAF/FT LEWIS WA (STATION / STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS) 1800-0800 (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	.5	.5	.2	.2								1.5	5.5
NNE	.6	1.1	.6	.2								2.6	5.6
NE	.7	1.0	.1									1.9	3.7
ENE	.4	.1										.5	2.3
E	.4											.4	1.7
ESE	.7											.7	2.0
SE	1.5	1.1										2.6	3.0
SSE	1.6	1.4	.9									3.8	4.4
	4.9	9.4	4.1	1.3	.2							20.0	6.5
	.7	7.0	2.3	1.7	.2							5.0	5.0
SW	.6	.5	.9	.5								2.5	7.0
WSW	.3	.3		.1								.7	3.8
W		.1	.1									.2	4.0
WNW		.1										.1	4.0
NW	.4	.1										.5	2.7
NNW	.1											.1	1.0
VARBL													
CALM												13.7	
	17.7	16.7	9.3	6.2	.5							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 618

USAFETAC FORM ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE/MAC

SURFACE WINDS

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

...DAY AAF/FT LEWIS ...A — STATION / STATION NAME

7?-81 — YEARS

N ... — MONTH

ALL WEATHER — CLASS

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	.1		.2							.7	5.1
NNE	.4	.6	.7									.1	5.4
NE	1.2	.3	.1									1.6	4.1
ENE	.1	.4										.5	4.4
E	1.2	.1										1.3	3.7
ESE	.2	.1										.4	3.5
SE	1.1	.2										1.3	3.5
SSE	2.3	1.0	.0									3.3	4.1
S	4.6	6.7	4.7	2.2	.4							18.1	5.1
SSW	.2	2.3	3.8	1.5	.6							8.3	5.4
SW	.1	.4	.5	.5								1.5	5.3
WSW			.1	.1								.2	5.5
W	.2	.1	.1	.1								.5	4.6
WNW		.2										.2	4.5
NW													
NNW	.1											.1	2.0
VARBL													
CALM												54.7	
	13.1	14.1	11.1	4.8	1.2							100.0	3.-

TOTAL NUMBER OF OBSERVATIONS ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

[illegible] STATION	GRAY AAF/FT LEWIS WA STATION NAME	77-81 YEARS	NOV MONTH
	ALL WEATHER CLASS		ALL HOURS (L S T)
	CONDITION		

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.4	.1	.0							1.8	5.2
NNE	1.1	1.2	.9	.1								3.3	5.1
NE	1.1	1.0	.3	.0								2.5	4.1
ENE	.2	.2	.0									.6	2.9
E	.7	.1	.2									.3	3.3
ESE	.6	.1	.2									.8	2.5
SE	.2	.5	.0	.0								1.9	3.1
SSE	.6	1.2	.7	.1	.0	.0						4.4	4.4
S	3.6	6.2	4.7	2.6	.4	.1						17.6	6.9
SSW	1.2	2.5	4.2	1.9	.3	.0						9.8	8.2
SW	.5	.8	1.2	.8	.0							3.4	7.8
WSW	.4	.4	.3	.4	.0							1.5	7.4
W	.2	.2	.4	.1	.0							1.2	6.3
WNW	.2	.2	.2									.4	3.9
NW	.1	.1	.0									.3	2.7
NNW	.0	.2	.0									.5	2.7
VARBL													
CALM												48.8	
	10.2	15.7	13.4	6.0	.8	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 5480

USAFETAC FORM [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74[illegible] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 77-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

[illegible] (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1											.1	3.[illegible]
NNE	.4	.4										.7	3.3
NE	.6	.1	.2									1.0	4.3
ENE	.4	.2	.1									.7	3.7
E	.7											.7	1.8
ESE	.6	.1										.7	2.[illegible]
SE	1.6	.5	.2									2.3	3.2
SSE	3.4	2.3	.2	.1								6.2	3.5
S	4.8	4.9	5.9	2.6	.9							19.1	7.2
SSW	.9	2.1	6.3	2.6	.4							11.9	8.8
SW	.5	1.1	1.2	.6								3.4	7.6
WSW	.1	.2	.6	.2	.1							1.4	9.6
W	.1	.1	.1	.2								.6	7.8
WNW	.1	.2										.4	3.3
NW	.1											.1	2.0
NNW	.2	.1										.4	2.7
VARBL													
CALM												50.1	
	14.8	12.6	14.8	6.4	1.4							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 612

USAFETAC FORM JUL 64 3-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24 77	GRAY AAF/FT LEWIS WA	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0700-2500
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 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										.4	3.3
NNE	.1	.2	.1									.4	5.3
NE	.2	.7										1.0	4.3
ENE	.1											.1	2.0
E	.9	.1										1.0	2.4
ESE	.2	.2										.4	2.8
SE	1.6	.2	.1	.1								2.1	3.2
SSE	1.6	1.6	.2	.1								3.4	4.0
S	3.8	6.6	4.6	3.1	.2							18.3	7.0
SSW	.7	3.2	4.6	3.0	.1							11.6	8.5
SW	.2	1.0	1.4	1.0								3.8	8.4
WSW	.2		.1	.4								.7	9.7
W	.2	.1			.1							.5	7.0
WNW													
NW	.1	.1										.2	4.0
NNW													
VARBL													
CALM												54.9	
	11.1	14.7	11.1	7.7	.5							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 879

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[redacted] GRAY AAF/FT LEWIS WA (STATION / STATION NAME) 73-81 (YEARS) DEC (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	.1		.1									.2	5.0
NNE	.6	.4	.5	.1								1.6	5.6
NE	.6	.1										.7	2.5
ENE	.5	.4										.9	2.9
E	.4	.1										.5	2.8
ESE	.5	.1										.6	2.4
SE	1.2	.5	.1									1.9	3.4
SSE	2.2	2.5	.4	.1								5.3	4.8
S	4.5	6.8	4.7	3.0	.2							19.3	6.7
SSW	1.4	1.7	4.6	2.2	.5							10.4	8.5
SW	.2	.9	1.6	.6								3.8	9.0
WSW	.1	.4	.4	.5								1.4	6.3
W	.2											.2	2.5
WNW	.1	.1										.2	3.0
NW	.2											.2	2.0
NNW	.1	.1										.2	3.5
VARBL													
CALM												52.6	
	13.2	14.1	12.6	6.8	.7							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

94070	GRAY AAF/FT LEWIS WA	73-81	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	.7	.6										1.4	3.5
NNE	.7	.7	.9	.1								2.5	5.6
NE	1.3	.4	.4									1.7	3.9
ENE	.6	.1	.2									1.0	3.8
E	.6											.6	2.3
ESE	1.0	.2	.1									1.4	3.1
SE	2.3	.6	.2	.1								3.0	3.5
SSE	1.5	1.8	.7	.1	.1							3.5	5.0
S	3.7	6.0	6.7	2.8	.4							19.6	7.2
SSW	1.1	3.5	5.8	3.2	.2							13.8	8.3
SW	.6	.9	2.2	1.2								4.9	8.8
WSW		.2	.1	.2								.6	8.3
W	.5		.2	.2								1.4	5.1
WNW	.1											.1	2.0
NW	.1	.6										.7	4.2
NNW	.5	.1										.6	2.6
VARBL													
CALM												43.2	
	15.2	15.1	17.7	8.1	.7							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74-79	GRAY AAF/FT LEWIS WA	77-81	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	1.5	1.9	.1									3.5	3.8
NNE	.7	2.2	1.2									4.2	5.4
NE	1.4	1.7	1.0									4.1	4.7
ENE	1.0	.1										1.1	2.2
E	.8	.3										1.1	2.7
ESE	.7	.1										.9	2.9
SE	.9	1.0	.1									2.0	3.9
SSE	.9	.4	.6	.1								2.0	5.3
S	3.1	3.2	5.7	4.6	.4							17.0	8.3
SSW	.8	4.2	6.9	3.7	.5							16.2	8.7
SW	1.2	2.0	4.0	1.7								8.9	7.8
WSW	.6	.2	1.4	.4								2.6	7.8
W	.7	.7	.9	.4	.1							2.8	7.0
WNW	.7	.7										1.5	3.4
NW	.9	.6										1.5	3.0
NNW	.5	.1										.6	2.6
VARBL													
CALM												30.1	
	16.6	19.6	21.9	10.9	1.0							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible]70	GRAY AAF/FT LEWIS WA	73-81	DEC
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	1.9	1.[illegible]	.1									3.0	3.0
NNE	1.1	2.4	1.[illegible]	.1								[illegible].6	5.4
NE	[illegible].5	.7	.1									[illegible].4	2.8
ENE	.6											.6	2.[illegible]
E	.1											.1	2.[illegible]
ESE	.6	.[illegible]	.1									1.0	3.0
SE	1.2	.5	.2									2.[illegible]	3.8
SSE	1.4	1.2	.7	.2								3.6	4.8
S	4.2	5.2	5.1	2.4	.4							17.3	6.9
SSW	1.2	3.1	7.7	2.4	.2							14.7	8.2
SW	.7	1.6	2.6	1.7	.1							6.8	8.9
WSW	.1	.1	.7	.6	.1							1.7	10.8
W	.6	.2	.4	.1								1.4	5.3
WNW	.[illegible]	.1										.4	3.3
NW	1.2	.6										1.9	2.9
NNW	.[illegible]	.4										.6	3.4
VARBL													
CALM												[illegible]6.9	
	18.2	17.6	18.9	7.6	.9							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74[illegible]70 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.2	.2									1.0	4.5
NNE	.5	.9	.4									1.7	5.0
NE	.5	.5	.6									1.6	5.2
ENE	.2											.2	1.5
E	.5	.2										.7	3.0
ESE	.5	.5										.7	2.7
SE	.7	.6										1.4	3.0
SSE	2.6	2.1	.9	.2	.1							6.0	4.6
S	4.1	8.6	4.7	2.5	.6							20.6	6.6
SSW	.4	2.7	5.1	2.0	.4							10.6	8.9
SW	.5	.6	2.0	1.7								4.9	9.3
WSW	.1	.5	.1	.1	.2							1.1	8.2
W	.5											.5	2.5
WNW	.2	.2										.5	3.3
NW	.1											.1	3.0
NNW													
VARBL													
CALM												48.2	
	12.1	17.6	14.1	6.6	1.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 801

USAFETAC FORM JUL 68 0-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74077 (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3										.5	3.3
NNE	.5	.5	.2									1.2	4.1
NE	.7	.4	.1									1.2	3.4
ENE	.7	.7										1.4	2.1
E	.1											.1	1.0
ESE	.4	.2										.6	3.8
SE	1.5	.7										2.2	3.0
SSE	2.4	2.6	.9									5.9	4.3
S	3.9	5.2	5.9	3.1	.5							18.6	7.3
SSW	.5	2.1	4.2	3.7	.2	.1						11.0	9.4
SW	.6	.4	1.1	1.4								3.5	8.7
WSW		.5	.1	.6	.1							1.4	10.4
W	.2	.2										.5	3.5
WNW	.2											.2	2.0
NW													
NNW		.2										.2	4.5
VARBL													
CALM												51.7	
	10.1	13.7	12.6	8.9	.9	.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATM WEATHER SERVICE/MAC

2

SURFACE WINDS

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

74 07[illegible] (PAY AAF/FT LEWIS WA — STATION / STATION NAME

73-81 — 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	.7	.5	.1									1.3	3.6
NNE	.6	1.[illegible]	.5	.0								2.2	5.2
NE	.9	.6	.3									1.8	3.9
ENE	.5	.1	.0									.7	2.7
E	.5	.1										.6	2.4
ESE	.6	.2	.0									.8	2.9
SE	1.[illegible]	.6	.1	.0								2.1	3.4
SSE	2.[illegible]	1.7	.6	.1	.0							4.5	4.3
S	4.0	5.8	5.4	3.0	.4							18.7	7.1
SSW	.9	2.8	5.6	2.9	.3	.0						12.5	8.6
SW	.6	1.1	2.[illegible]	1.3	.0							5.0	8.5
WSW	.3	.3	.4	.4	.1							1.4	9.1
W	.4	.2	.2	.1	.0							1.[illegible]	5.8
WNW	.3	.2										.4	3.2
NW	.4	.2										.6	3.1
NNW	.2	.1										.3	3.0
VARBL													
CALM												46.0	
	14.2	15.6	15.5	7.9	.9	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 4454

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] (STATION) GRAY AAF/FT LEWIS WA (STATION NAME) 73-81 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) ALL (HOURS LST)

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.7	.5	.0	.0							3.6	4.3
NNE	1.4	1.9	.5	.1	.0							4.2	4.7
NE	1.2	1.1	.5	.1	.0							2.8	4.6
ENE	.5	.2	.1	.0	.0							.7	3.4
E	.5	.1	.0									.6	2.4
ESE	.5	.1	.0	.0								.6	2.9
SE	.9	.4	.1	.0								1.3	3.1
SSE	1.7	1.1	.3	.1	.0	.0						3.2	3.9
S	4.1	4.8	3.3	1.3	.1	.0						13.6	5.9
SSW	1.9	3.5	3.6	1.2	.1	.0						10.2	6.2
SW	1.7	2.2	2.0	.5	.0	.0						6.1	6.3
WSW	.9	1.1	.8	.3	.0	.0						3.1	6.2
W	1.6	1.6	.9	.2	.0	.0						4.2	5.2
WNW	1.1	1.4	.6	.1								3.1	4.6
NW	1.7	1.7	.3	.0								2.9	4.0
NNW	1.0	.9	.2	.0								2.1	3.7
VARBL													
CALM												17.6	
	20.9	23.2	13.8	4.0	.4	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 79518

...BAL CLIMATOLOGY BRANCH
...AF_TAC
A... WEATHER SERVICE/MAC

2

SURFACE WINDS

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

...TO ... GRAY AAF/FT LEWIS WA | 73-81 | ALL

STATION | STATION NAME | YEARS | MONTH

INSTRUMENT | ALL

CLASS | HOURS (L.S.T.)

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.6	.1									2.3	3.[illegible]
NNE	2.[illegible]	1.5	.6	.1								4.1	4.1
NE	2.1	1.2	.2	.0								3.5	3.3
ENE	.8	.1	.0									.9	2.3
E	.8	.1										.9	2.1
ESE	.5	.1	.0									.6	2.3
SE	.7	.1	.1									.9	2.5
SSE	1.0	.3	.0	.0								1.3	2.8
S	3.2	1.9	1.5	.5	.1							7.3	5.1
SSW	3.6	2.6	2.6	1.2	.2	.0						9.2	5.6
SW	2.2	2.3	1.4	.6	.0							6.4	5.5
WSW	1.4	1.1	.2	.1								2.8	4.0
W	2.3	1.2	.2	.0	.0	.0						3.7	3.5
WNW	1.7	.6	.1									2.3	3.1
NW	1.1	.5	.0									1.6	2.7
NNW	1.0	.3	.0									1.3	2.6
VARBL													
CALM												11.2	
	24.4	14.4	7.0	2.5	.3	.0						100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 7474

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

The value 91.0 read from the table at the intersection of $\geq$ 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.

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] JOINT BASE/FT LEWIS, WA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-1200

1.0	22.1	23.6	24.2	25.0	25.3	25.6	26.4	27.2	27.6	28.1	29.1	29.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1.7	23.7	25.1	25.8	26.6	26.9	27.2	27.9	28.9	29.2	29.6	29.6	3 .1	[illegible]	31.1	31.1	[illegible]	
1.7	23.7	25.2	25.8	26.6	26.6	27.2	27.9	28.9	29.2	29.6	29.6	30.1	30.4	31.1	31.1	[illegible]	
1.7	23.8	25.3	25.9	26.9	26.9	27.5	28.2	29.1	29.4	29.9	29.9	30.4	30.6	31.3	31.8	[illegible]	
1.7	24.5	26.4	27.0	27.9	27.9	28.6	29.3	30.1	30.5	31.0	31.0	31.6	31.8	32.4	33.1	[illegible]	
1.7	26.3	27.8	28.4	29.4	29.4	30.2	30.7	31.6	32.2	32.4	32.4	33.0	33.3	34.0	34.5	[illegible]	
1.7	27.3	29.4	30.0	31.0	31.0	31.7	32.4	33.3	33.7	34.1	34.1	34.8	35.0	35.7	36.2	[illegible]	
1.7	28.8	30.9	31.5	32.4	32.4	33.2	33.9	34.8	35.1	35.6	35.6	36.2	36.5	37.2	37.7	[illegible]	
1.7	30.5	32.6	33.3	34.3	34.3	35.0	35.7	36.6	36.9	37.4	37.4	38.0	38.3	39.0	39.6	[illegible]	
1.7	33.0	35.2	36.2	37.3	37.3	38.0	38.8	39.6	40.0	40.6	40.6	41.2	41.4	42.2	42.6	[illegible]	
1.7	34.4	36.9	37.8	38.9	38.9	39.6	40.3	41.2	41.6	42.2	42.2	42.8	43.0	43.7	44.2	[illegible]	
1.7	37.4	40.1	41.1	42.4	42.4	43.4	44.1	45.0	45.3	45.9	45.9	46.5	47.0	47.8	48.2	[illegible]	
1.7	39.1	41.7	42.9	44.3	44.5	45.6	46.5	47.4	47.8	48.4	48.4	49.0	49.5	50.2	50.7	[illegible]	
1.7	44.5	47.8	49.5	51.0	51.2	52.2	53.2	54.1	54.4	55.0	55.1	55.7	56.1	56.9	57.4	[illegible]	
1.7	49.9	53.2	55.2	57.2	57.4	58.6	59.5	60.4	60.9	61.5	61.5	62.2	62.7	63.4	63.9	[illegible]	
2.1	52.5	56.1	58.1	6 .4	6 .5	62.3	62.9	63.9	64.4	65.0	65.0	65.7	66.2	67.0	67.4	[illegible]	
2.1	57.5	61.6	64.1	66.5	66.6	68.0	69.1	70.0	70.5	71.1	71.1	71.8	72.3	73.0	73.5	[illegible]	
2.1	61.6	66.0	68.5	71.8	71.9	73.5	75.0	75.9	76.4	77.0	77.0	77.8	78.3	79.0	79.5	[illegible]	
2.1	62.6	67.1	69.5	72.9	73.0	74.6	76.1	77.0	77.6	78.3	78.3	79.0	79.5	80.2	80.7	[illegible]	
2.1	63.9	68.4	71.1	74.6	74.7	76.3	77.8	78.7	79.3	80.1	80.3	81.0	81.5	82.3	82.7	[illegible]	
2.1	5.4	7 .1	72.7	76.3	76.4	78.0	79.8	80.8	81.4	82.1	82.4	83.1	83.6	84.3	84.8	[illegible]	
2.1	66.3	70.5	73.4	77.0	77.2	78.9	80.7	81.7	82.3	83.1	83.2	84.0	84.4	85.2	85.7	[illegible]	
2.1	66.7	71.0	74.2	77.9	78.0	79.7	81.7	82.6	83.2	84.0	84.2	84.9	85.4	86.1	86.6	[illegible]	
2.1	66.9	71.4	74.4	78.0	78.4	80.1	82.0	83.0	83.6	84.6	84.8	85.5	86.0	86.8	87.2	[illegible]	
2.1	67.3	72.1	75.0	78.7	79.1	80.9	83.1	84.1	84.7	85.7	85.9	86.6	87.1	87.8	88.3	[illegible]	
2.1	67.4	72.2	75.7	79.6	80.1	82.0	84.2	85.2	85.8	86.8	87.0	87.7	88.2	88.9	89.4	[illegible]	
2.1	67.4	72.2	75.7	79.6	80.3	82.6	85.1	86.2	86.6	87.6	87.8	88.6	89.1	89.8	90.3	[illegible]	
2.1	67.4	72.2	75.7	79.6	80.8	83.5	86.0	87.1	87.8	88.8	89.1	89.9	90.4	91.1	91.6	[illegible]	
2.1	67.4	72.2	75.7	79.8	81.0	84.1	87.4	88.7	89.6	90.9	91.1	92.1	93.1	93.9	94.8	[illegible]	
2.1	67.4	72.2	75.7	80.0	81.3	84.8	88.3	89.7	90.6	92.2	92.7	93.8	94.8	96.0	97.7	[illegible]	
2.1	67.4	72.2	75.7	80.0	81.3	84.8	88.3	89.7	90.6	92.2	92.7	93.8	94.9	96.4	99.1	[illegible]	
2.1	67.4	72.2	75.7	80.0	81.3	84.8	88.3	89.7	90.6	92.2	92.7	93.8	94.9	96.4	100.0	[illegible]	

TOTAL NUMBER OF OBSERVATIONS 623

[illegible]

...L CLIMATOLOGY BRANCH
...TAC
...ATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LE...IS ...A 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...-1800

.2	22.3	27.0	27.1	24.9	24.9	25.5	26.2	26.5	26.9	27.0	27.0	27.3	27.5	27.7	28.1
1.2	23.6	24.6	24.9	27.0	27.0	27.6	28.2	28.6	29.0	29.1	29.1	29.3	29.6	29.8	30.0
1.2	23.6	24.6	24.9	27.0	27.0	27.6	28.2	28.6	29.0	29.1	29.1	29.3	29.6	29.8	30.
1.2	23.6	24.6	25.1	27.1	27.1	27.7	28.3	28.7	29.1	29.2	29.2	29.4	29.7	29.9	30.2
1.2	24.0	25.2	25.7	27.7	27.7	28.3	29.0	29.3	29.7	29.8	29.8	30.0	30.7	30.5	30.8
1.2	25.6	27.0	27.5	29.7	29.7	30.3	30.9	31.3	31.6	31.8	31.8	32.2	32.2	32.5	32.7
1.3	27.6	28.8	29.4	31.6	31.6	32.2	32.8	33.2	33.6	33.7	33.7	33.9	34.2	34.4	34.7
1.3	27.3	29.6	30.3	32.5	32.5	33.1	33.7	34.1	34.4	34.5	34.5	34.8	35.0	35.3	35.5
1.3	28.4	30.7	31.4	33.6	33.6	34.2	34.8	35.2	35.5	35.6	35.6	35.9	36.1	36.4	36.6
1.3	31.5	33.0	33.7	36.3	36.3	36.9	37.5	37.8	38.2	38.3	38.3	38.6	38.8	39.1	39.3
1.3	33.1	34.3	35.0	37.6	37.6	38.2	38.8	39.2	39.5	39.7	39.7	39.9	40.1	40.4	40.6
1.5	37.1	38.6	39.3	42.1	42.1	42.7	43.6	43.9	44.4	44.5	44.5	44.8	45.2	45.3	45.5
1.5	40.4	41.8	42.8	45.7	45.7	46.4	47.2	47.6	48.1	48.2	48.2	49.4	48.7	48.9	49.1
1.7	46.5	47.0	47.9	50.9	51.0	51.6	52.4	52.9	53.4	53.5	53.5	53.9	54.1	54.4	54.6
1.7	48.4	51.6	51.7	55.0	55.1	55.7	56.8	57.3	57.8	57.9	57.9	58.3	58.5	58.8	59.0
1.7	51.4	53.3	54.7	59.0	59.1	59.7	60.8	61.3	61.8	61.9	61.9	62.3	62.5	62.8	63.0
1.7	56.6	60.5	62.0	66.3	66.4	67.0	68.1	68.6	69.1	69.2	69.2	69.6	69.8	70.1	70.3
1.7	59.5	63.6	65.3	70.0	70.1	70.7	72.0	72.5	73.0	73.2	73.2	73.6	73.8	74.1	74.3
1.7	59.9	64.0	65.8	70.7	70.8	71.4	72.7	73.2	73.7	74.0	74.0	74.3	74.6	74.8	75.1
1.7	61.8	66.5	68.4	73.5	73.6	74.3	75.8	76.3	76.8	77.0	77.0	77.4	77.6	77.9	78.1
1.7	62.9	67.6	69.5	74.8	75.1	75.8	77.4	77.9	78.5	78.8	78.8	79.2	79.4	79.7	79.9
1.7	63.6	68.4	70.3	75.7	75.9	76.8	78.5	79.1	79.7	80.0	80.0	80.4	80.7	80.9	81.1
1.7	63.7	68.5	70.4	75.8	76.0	76.9	78.6	79.2	79.8	80.2	80.2	80.5	80.8	81.1	81.4
1.7	64.2	69.1	70.9	76.6	76.9	77.9	79.6	80.2	80.8	81.1	81.1	81.5	81.8	82.1	82.4
1.7	64.7	69.6	71.7	77.5	77.7	79.0	80.8	81.4	82.0	82.4	82.4	82.7	83.0	83.3	83.6
1.7	65.2	70.2	73.4	79.3	79.6	80.9	82.7	83.3	84.1	84.4	84.4	84.8	85.1	85.4	85.6
1.7	65.3	70.6	73.8	79.9	80.3	82.2	84.3	84.9	86.1	86.4	86.4	86.7	87.0	87.3	87.6
1.7	65.3	71.6	74.0	80.3	80.9	82.8	85.0	86.0	87.2	87.7	87.7	88.2	88.4	88.9	89.3
1.7	65.5	71.8	74.2	80.5	81.3	83.7	86.5	87.6	89.1	89.5	89.5	90.0	90.4	90.9	91.2
1.7	65.5	70.8	74.2	81.7	81.6	84.2	87.2	88.9	90.4	91.7	91.7	92.9	93.4	94.8	95.9
1.7	65.5	70.8	74.2	80.7	81.6	84.2	87.2	88.9	90.5	92.2	92.2	93.8	94.8	96.2	98.4
1.7	65.5	71.8	74.2	80.7	81.6	84.2	87.2	88.9	90.5	92.2	92.2	93.8	94.8	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 822

...SAF ETA ...

...L CLIMATOLOGY BRANCH
...ETAC
2 ...SCOTT AFB, ILLINOIS 62225

CEILING VERSUS VISIBILITY

...AN AAF/FT LE... MA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2000-2800

.1	20.2	21.3	21.6	22.5	22.6	22.6	22.7	22.9	23.1	23.2	23.2	23.1	23.2	23.5	23.8		
.4	22.1	23.5	24.2	24.9	25.1	25.1	25.3	25.4	25.5	25.5	25.5	25.7	25.8	26.2	26.4		
.9	22.3	23.6	24.3	25.1	25.2	25.2	25.4	25.5	25.7	25.7	25.7	25.8	25.9	26.2	26.5		
.9	22.3	23.6	24.3	25.1	25.2	25.2	25.4	25.5	25.7	25.7	25.7	25.8	25.9	26.2	26.5		
.1	22.9	24.3	25.1	25.9	26.1	26.2	26.3	26.4	26.5	26.5	26.5	26.6	26.8	27.0	27.4		
.1	23.4	27.0	27.7	28.6	28.7	28.7	29.0	29.1	29.2	29.3	29.3	29.4	29.6	29.8	30.2		
1 .3	27.4	29.3	30.3	31.1	31.3	31.3	31.5	31.6	31.8	31.9	31.9	32.0	32.1	32.4	32.7		
1 .7	28.1	29.8	31.5	31.4	31.5	31.5	31.8	31.9	32.0	32.1	32.1	32.2	32.4	32.6	33.0		
11.4	32.3	32.1	32.8	33.7	33.8	33.9	34.1	34.2	34.3	34.4	34.4	34.5	34.7	34.9	35.3		
11.1	32.2	34.2	34.9	36.0	36.1	36.1	36.5	36.6	36.7	36.9	36.9	37.0	37.2	37.6	38.1		
1 .	33.5	35.4	36.1	37.2	37.3	37.3	37.7	37.8	38.0	38.1	38.1	38.2	38.4	38.8	39.3		
1 .	35.4	37.3	38.2	39.3	39.4	39.4	39.8	39.9	40.1	40.2	40.3	40.4	40.6	41.0	41.4		
12.4	3 .2	4 .1	41.2	42.3	42.5	42.5	42.8	42.9	43.2	43.2	43.3	43.6	43.8	44.2	44.5		
12.1	43.7	45.1	47.0	48.3	48.5	48.5	48.9	49.1	49.3	49.4	49.4	49.6	49.9	50.2	50.6		
12.1	47.1	49.2	51.3	52.2	53.4	53.6	54.1	54.3	54.5	54.8	54.9	55.1	55.4	55.7	56.1		
12.1	5 .4	51.6	55.4	57.2	57.4	57.7	58.3	58.4	58.6	59.1	59.1	59.5	59.7	60.1	60.5		
12.	55.8	58.7	62.2	64.4	65.1	65.5	66.2	66.3	66.7	67.1	67.0	67.4	67.6	68.0	68.4		
12.1	58.9	62.4	66.5	69.1	69.7	70.7	71.4	71.5	71.9	72.5	72.5	73.1	73.2	73.6	74.1		
12.1	59.1	63.6	67.0	69.6	70.2	71.2	71.9	72.0	72.4	73.1	73.0	73.5	73.7	74.1	74.5		
13.4	6 .8	65.6	69.3	71.9	72.5	73.6	74.5	74.6	74.9	75.5	75.5	76.0	76.3	76.6	77.1		
13.1	61.7	66.5	7 .3	73.0	73.6	74.9	75.8	75.9	76.3	76.9	76.9	77.4	77.6	78.1	78.3		
13.1	62.7	67.6	71.7	74.3	74.9	76.3	77.3	77.4	77.7	78.3	78.3	79.3	78.8	79.1	79.4	79.8	
13.5	63.9	68.1	72.3	74.8	75.4	76.9	77.9	78.1	78.3	79.1	79.1	79.4	79.7	80.2	80.5		
13.1	63.3	68.5	72.5	75.3	75.9	77.5	78.6	78.7	79.1	79.7	79.7	80.2	80.4	80.9	81.3		
13.1	63.7	69.1	73.1	76.0	76.6	78.2	79.3	79.4	79.9	80.5	80.5	81.0	81.3	81.8	82.1		
13.1	64.4	69.8	73.8	77.0	77.6	79.6	80.8	80.9	81.5	82.2	82.2	82.7	83.1	83.6	83.9		
13.1	64.6	70.8	74.9	78.5	79.1	81.1	82.5	82.7	83.5	84.3	84.3	84.8	85.1	85.6	86.1		
13.1	64.6	7 .8	75.2	79.2	79.8	82.0	83.9	84.4	85.2	86.0	86.0	86.6	86.9	87.6	88.2		
13.1	64.6	7 .9	75.7	80.0	81.1	83.7	86.3	86.7	87.8	88.8	88.9	89.7	89.9	90.6	91.4		
13.1	64.6	70.9	75.7	81.0	81.1	83.7	87.0	87.5	88.9	90.3	90.6	91.6	92.5	94.3	95.7		
13.2	64.6	70.9	75.7	80.0	81.1	83.8	87.3	87.8	89.3	90.6	91.0	92.1	92.9	94.9	98.7		
13.1	64.6	70.9	75.7	80.0	81.1	83.8	87.3	87.8	89.3	90.6	91.0	92.1	92.9	95.1	100.0		

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC ... DATA DI A ...

AL CLIMATOLOGY BRANCH
TAC
AT[illegible] SERVICE/MAC

2

CEILING VERSUS VISIBILITY

AT [illegible] AFB, [illegible]

[illegible]

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

[illegible]	20.4	20.4	21.3	21.5	21.8	21.8	21.8	21.9	21.9	21.9	21.9	21.9	22.[illegible]	22.1	22.4	22.6
[illegible]	23.5	24.1	24.1	24.3	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.8	24.9	25.2	25.4
[illegible]	23.7	23.9	24.6	24.7	24.9	24.9	24.9	25.1	25.1	25.1	25.1	25.1	25.2	25.3	25.5	25.8
[illegible]	23.8	23.6	24.6	24.8	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.3	25.4	25.7	25.9
[illegible]	26.1	26.3	27.1	27.5	27.7	27.7	27.9	28.[illegible]	28.[illegible]	28.[illegible]	28.[illegible]	28.[illegible]	28.2	28.3	28.6	28.8
[illegible]	28.[illegible]	29.0	29.9	30.2	30.4	30.4	30.5	30.7	30.7	3[illegible].7	30.7	30.7	31.0	31.[illegible]	31.7	31.5
[illegible]	32.[illegible]	3[illegible].7	31.6	32.0	32.2	32.2	32.5	32.7	32.7	32.7	32.7	32.7	33.0	33.1	33.5	33.7
[illegible]	[illegible]	31.6	32.4	33.1	33.2	33.2	33.5	33.7	33.7	33.7	33.7	33.7	33.9	34.1	34.4	34.7
[illegible]	[illegible].1	34.5	35.5	35.9	36.4	36.4	36.6	36.9	36.9	36.9	36.9	36.9	37.1	37.2	37.[illegible]	37.8
[illegible]	[illegible].1	37.1	38.2	38.6	39.3	39.3	39.7	39.9	39.[illegible]	39.9	39.9	39.9	39.2	4[illegible].3	42.4	42.8	43.2
[illegible]	21.1	38.4	39.5	39.9	40.9	40.9	41.2	41.5	41.[illegible]	41.5	41.5	41.5	41.8	42.[illegible]	42.3	42.6
[illegible]	32.[illegible]	4[illegible].5	41.6	42.2	43.3	43.3	43.8	44.2	44.2	44.2	44.2	44.2	44.5	44.6	45.[illegible]	45.3
[illegible]	34.1	43.[illegible]	45.1	45.7	47.[illegible]	47.[illegible]	47.4	47.8	47.8	47.8	47.8	47.8	48.2	48.3	48.7	48.9
[illegible]	34.[illegible]	47.[illegible]	48.7	49.4	5[illegible].9	51.0	51.5	51.8	51.[illegible]	51.8	51.8	51.6	52.2	52.3	52.7	52.9
[illegible]	[illegible].4	51.3	5[illegible].4	54.5	56.2	56.3	56.9	57.7	57.7	57.7	57.7	57.7	58.[illegible]	58.[illegible]	58.5	58.8
[illegible]	[illegible].2	54.[illegible]	56.[illegible]	58.2	6[illegible].0	60.5	61.[illegible]	62.2	62.5	62.5	62.5	62.5	62.9	63.0	63.4	63.6
[illegible]	[illegible].3	5[illegible].[illegible]	6[illegible].[illegible]	62.4	64.8	65.5	66.8	67.6	68.1	68.1	68.1	68.1	68.5	68.6	69.[illegible]	69.2
[illegible]	[illegible].8	61.1	6[illegible].1	66.8	69.6	7[illegible].2	71.8	72.6	73.8	74.[illegible]	74.[illegible]	74.[illegible]	74.3	74.5	74.8	75.1
[illegible]	[illegible].2	61.4	65.6	67.3	7[illegible].3	70.9	72.5	73.4	74.6	74.7	74.7	74.7	75.1	75.2	75.5	75.8
[illegible]	59.8	62.9	67.[illegible]	69.2	72.6	73.4	75.4	76.3	77.6	77.7	77.7	77.7	78.1	78.2	78.6	78.8
[illegible]	[illegible].[illegible]	63.7	68.[illegible]	7[illegible].7	74.1	74.8	77.[illegible]	77.9	79.2	79.3	79.4	79.4	79.8	79.9	80.[illegible]	80.9
[illegible]	60.2	64.2	6[illegible].3	71.5	74.9	75.7	77.9	78.7	8[illegible].2	8[illegible].3	80.4	8[illegible].4	8[illegible].8	81.[illegible]	81.4	81.6
[illegible]	60.3	64.4	69.5	71.8	75.3	76.0	78.2	79.1	80.[illegible]	81.[illegible]	81.1	81.1	81.5	81.8	82.1	82.4
[illegible]	[illegible].[illegible]	65.1	7[illegible].4	72.9	76.4	77.1	79.6	81.0	83.[illegible]	83.1	83.2	83.2	83.6	83.8	84.2	84.4
[illegible]	[illegible].3	66.3	7[illegible].8	73.2	76.8	77.5	79.9	81.5	83.5	83.6	83.7	83.7	84.1	84.3	84.7	84.9
[illegible]	60.1	65.6	71.0	73.5	77.3	78.[illegible]	80.5	82.2	84.2	84.4	84.7	84.8	85.2	85.5	85.9	86.1
[illegible]	60.1	65.9	71.7	74.2	78.3	79.1	81.9	83.8	85.[illegible]	86.4	87.[illegible]	87.1	87.5	87.8	88.2	88.4
[illegible]	[illegible].1	65.9	71.8	74.3	78.5	79.3	82.5	84.9	86.9	87.8	88.7	88.9	89.3	89.7	90.3	90.5
[illegible]	[illegible].1	66.1	71.9	74.6	78.7	79.6	83.[illegible]	85.5	87.[illegible]	88.8	90.4	90.6	91.1	91.5	92.3	92.9
[illegible]	60.1	66.1	71.9	74.6	78.8	79.7	83.1	85.8	88.[illegible]	89.4	91.5	91.8	92.7	93.3	95.4	97.2
[illegible]	60.1	66.1	71.9	74.6	78.8	79.7	83.1	85.8	88.[illegible]	89.4	91.6	92.[illegible]	92.9	93.7	96.2	99.5
[illegible]	[illegible].1	66.1	71.9	74.6	7[illegible].8	79.7	83.1	85.8	88.0	89.4	91.6	92.[illegible]	92.9	93.7	96.2[illegible]	10[illegible].2

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC [illegible]

...AL CLIMATOLOGY BRANCH
...OF TAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AS AAF/FT LEWIS, WA | 77-81 | ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1000-1400

...0	20.2	21.5	20.0	20.8	21.6	21.9	20.9	21.	21.0	21.0	21.0	21.0	21.	21.0	21.	
...0	23.6	24.0	24.0	24.2	24.2	24.3	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6
...	24.5	24.9	24.8	25.1	25.1	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4
1....	25.4	25.6	25.8	26.0	26.1	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4
2...	28.2	28.6	28.6	29.1	29.1	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4
...	31.3	31.6	31.6	32.0	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6
...3	33.2	33.4	33.6	34.2	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
...7	33.7	34.4	34.4	35.0	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4
...	36.5	37.5	37.5	38.1	38.1	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.6
...1	40.1	41.1	41.1	41.7	41.7	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.2
...1	43.2	43.2	43.8	43.8	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3
3...6	46.3	46.5	46.7	47.3	47.3	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8
3...5	47.1	48.3	48.7	49.3	49.3	49.6	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2
...4	50.4	51.7	52.7	53.3	53.8	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9
...5	56.3	57.9	58.9	59.6	60.2	60.7	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
...1	6...1	62.1	63.3	64.1	64.6	65.1	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7
4...2	63.6	65.9	67.8	69.6	69.2	69.7	70.3	71.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
4...1	67.0	69.8	72.0	73.0	74.0	74.5	75.1	75.9	76....	76.1	76.1	75.0	76.1	76.1	76.1	76.2
4...1	67.3	70.1	72.3	73.4	74.3	74.8	75.4	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5
4...6	64.5	72.4	74.9	76.2	77.3	77.9	78.6	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
4...1	71.3	74.5	77.4	78.8	8...2	81.9	81.6	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	83.0
4...1	72.5	75.8	78.8	8...4	81.9	82.7	83.7	84.7	85.0	85.1	85.1	85.0	85.1	85.1	85.1	85.2
4...1	72.9	76.3	79.4	81.1	82.6	83.6	84.7	85.6	86....	86.1	86.1	86.0	86.1	86.1	86.1	86.1
4...1	73.4	76.9	8...3	82.1	83.7	84.7	85.9	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
4...1	73.5	77.1	8...5	82.6	84.2	85.2	86.4	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
4...1	73.5	77.1	8...7	83.2	85.3	86.5	87.7	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.9	90.0
4...1	73.6	77.6	81.9	84.5	86.6	87.8	89.4	90.8	91.4	91.6	91.6	91.7	91.7	91.8	92.0	
4...1	73.6	78.1	82.2	85.2	87.5	88.8	91.2	93.4	94.3	94.8	94.8	94.9	94.9	95.0	95.1	
4...1	73.6	78.1	82.2	85.2	87.5	88.8	91.4	94.2	95.6	96.5	96.5	96.8	97.1	97.6	97.7	
4...1	73.6	78.1	82.2	85.2	87.5	88.8	91.4	94.2	95.6	96.5	96.5	97.2	97.6	98.7	98.9	
4...1	73.6	78.1	82.2	85.2	87.5	88.8	91.4	94.2	95.6	96.5	96.5	97.3	97.9	99.1	99.6	
4...1	73.6	78.1	82.2	85.2	87.5	88.8	91.4	94.2	95.6	96.5	96.5	97.3	97.9	99.1	100.1	

TOTAL NUMBER OF OBSERVATIONS 822

...SAF FORM ... PREVIOUS EDITIONS ARE OBSOLETE

L[illegible]AL CLIMATOLOGY BRANCH
[illegible]TAC
2 [illegible] FATH[illegible] SERVICE /MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible]AY AAF/FT LE[illegible]IS [illegible]A 73-[illegible] [illegible] JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1[illegible]-1700

[illegible].2	22.3	22.4	22.7	23.1	23.1	23.3	23.3	23.[illegible]	23.4	23.4	23.4	23.4	23.4	23.4	2[illegible].4
[illegible]2.[illegible]	26.[illegible]	26.9	27.4	28.3	28.3	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.6	29.[illegible]
23.4	27.6	27.8	28.3	29.1	29.1	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.5	29.9
23.[illegible]	28.1	28.3	29.7	29.6	29.6	29.7	29.7	29.7	29.8	29.8	29.8	29.8	29.8	30.0	30.3
[illegible].[illegible]	31.6	31.9	32.4	33.3	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.6	34.1
[illegible].3	33.4	33.[illegible]	34.0	34.6	34.8	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.2	35.7
[illegible].9	35.1	35.2	35.7	36.5	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	37.[illegible]	37.5
[illegible].1	35.4	35.6	36.2	37.[illegible]	37.1	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.5	38.2
38.5	38.2	38.4	39.[illegible]	39.8	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.3	40.8
[illegible].5	41.0	41.2	41.9	42.8	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.2	43.7
43.[illegible]	43.1	43.2	44.0	44.8	44.9	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.9
3[illegible].1	45.4	45.6	46.3	47.4	47.5	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	48.0	48.5
37.1	49.[illegible]	49.2	50.2	51.3	51.4	51.6	51.6	51.6	51.9	51.9	51.9	51.9	51.9	52.0	52.[illegible]
3[illegible].5	54.4	55.2	56.3	57.6	57.7	58.[illegible]	58.[illegible]	58.[illegible]	58.2	58.2	58.2	58.2	58.2	58.3	58.8
42.[illegible]	60.5	61.[illegible]	62.7	64.1	64.2	64.8	64.9	65.2	65.4	65.4	65.4	65.4	65.4	65.[illegible]	66.[illegible]
4[illegible].[illegible]	65.[illegible]	66.5	68.2	69.9	70.[illegible]	70.6	70.8	71.1	71.4	71.4	71.4	71.4	71.4	71.5	72.[illegible]
47.4	67.8	69.8	71.7	73.6	73.7	74.3	74.4	74.9	75.2	75.[illegible]	75.3	75.4	75.4	75.[illegible]	76.1
4[illegible].[illegible]	70.5	72.7	75.[illegible]	77.5	77.6	78.3	78.4	78.9	79.5	79.7	79.7	79.8	79.8	79.9	80.5
46.[illegible]	71.4	73.6	76.[illegible]	79.4	79.6	79.3	79.4	79.9	8[illegible].5	8[illegible].6	8[illegible].6	8[illegible].8	8[illegible].8	8[illegible].9	81.5
4[illegible].7	73.3	76.[illegible]	78.4	81.1	81.2	82.[illegible]	82.2	82.[illegible]	83.3	83.4	83.4	83.6	83.6	83.7	84.[illegible]
46.[illegible]	74.1	77.2	79.8	82.8	82.9	83.9	84.2	84.[illegible]	85.3	85.4	85.4	85.5	85.5	85.6	86.2
46.9	74.9	78.1	8[illegible].8	84.[illegible]	84.2	85.4	85.6	86.[illegible]	87.[illegible]	87.1	87.1	87.2	87.[illegible]	87.[illegible]	87.9
46.[illegible]	75.2	78.4	81.2	84.7	84.9	86.2	86.6	87.[illegible]	87.9	88.1	88.1	88.2	88.2	88.[illegible]	88.9
46.[illegible]	75.3	78.6	81.6	85.3	85.5	87.1	87.5	88.1	88.8	88.9	88.9	89.[illegible]	89.[illegible]	89.2	89.8
46.9	75.3	78.6	81.6	85.4	86.[illegible]	87.8	88.2	88.[illegible]	89.5	89.6	89.6	89.8	89.8	89.9	90.5
46.9	75.3	78.6	81.6	85.5	86.2	88.8	89.8	9[illegible].6	91.5	91.7	91.7	92.1	92.1	92.2	92.8
46.[illegible]	75.4	78.7	82.1	86.0	86.7	89.3	9[illegible].6	91.[illegible]	92.9	93.4	93.4	93.8	93.8	94.[illegible]	94.6
46.[illegible]	75.4	78.7	82.1	86.0	86.8	89.9	91.7	93.1	94.8	95.6	95.6	96.0	96.[illegible]	96.[illegible]	96.8
46.9	75.4	78.7	82.1	86.[illegible]	86.8	89.9	92.1	93.7	96.2	97.4	97.4	97.8	97.8	98.1	98.7
46.[illegible]	75.4	78.7	82.1	86.0	86.8	9[illegible].0	92.3	93.9	96.6	97.8	97.8	98.2	98.3	98.8	99.4
46.[illegible]	75.4	78.7	82.1	86.0	86.9	9[illegible].0	92.3	93.9	96.6	97.8	97.8	98.2	98.3	98.8	99.5
46.[illegible]	75.4	78.7	82.1	86.0	86.8	90.0	92.3	93.[illegible]	96.7	97.9	97.9	98.3	98.4	98.91	10[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC [illegible] [illegible]45 D[illegible] A [illegible]

L BAL CLIMATOLOGY BRANCH
AFETAC
2 A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2200

[illegible]	7.2	24.1	24.5	24.7	25.4	25.4	25.9	26.3	26.9	27.1	27.3	27.3	27.5	27.9	28.6	29.
[illegible]	8.3	27.9	28.2	28.7	29.4	29.4	29.9	30.3	30.9	31.1	31.3	31.3	31.6	32.	32.7	33.1
[illegible]	8.6	28.8	29.2	29.7	30.4	30.4	30.9	31.3	31.9	32.1	32.2	32.2	32.6	33.	33.7	34.1
[illegible]	8.6	29.1	29.3	29.8	30.5	30.5	31.0	31.4	32.0	32.2	32.4	32.4	32.7	33.1	33.9	34.2
[illegible]	.9	31.3	31.6	32.1	33.1	33.2	33.7	34.1	34.7	34.9	35.	35.0	35.4	35.8	36.5	36.9
[illegible]	9.2	32.8	33.2	33.7	34.7	34.8	35.3	35.6	36.3	36.5	36.6	36.6	37.0	37.	38.1	38.4
[illegible]	9.1	33.3	33.7	34.2	35.2	35.3	35.8	36.1	36.7	37.0	37.1	37.1	37.5	37.8	38.6	38.9
[illegible]	9.3	34.2	34.7	35.2	36.1	36.3	36.7	37.1	37.7	38.0	38.1	38.1	38.4	38.8	39.5	39.9
[illegible]	9.5	36.5	37.1	37.6	38.8	38.9	39.4	39.8	40.4	40.6	40.8	40.8	41.1	41.5	42.2	42.6
[illegible]	9.7	38.1	38.8	39.3	40.5	40.6	41.1	41.5	42.1	42.3	42.5	42.5	42.8	43.2	43.9	44.3
[illegible]	10.1	39.1	39.8	40.3	41.5	41.6	42.1	42.5	43.1	43.3	43.4	43.4	43.8	44.2	44.9	45.3
[illegible]	10.1	41.2	42.1	42.6	43.8	43.9	44.4	44.9	45.5	45.7	45.9	46.0	46.5	47.0	47.7	48.1
[illegible]	10.2	44.9	45.7	46.4	47.7	47.9	48.4	48.9	49.5	49.8	49.9	50.0	50.5	51.0	51.7	52.1
[illegible]	10.2	49.5	50.7	51.7	53.4	53.6	54.5	55.1	55.8	56.1	56.2	56.3	56.8	57.3	58.0	58.4
[illegible]	10.3	53.8	55.4	56.6	58.3	58.5	59.6	60.3	61.1	61.3	61.4	61.6	62.0	62.5	63.3	63.6
[illegible]	10.2	59.3	60.7	61.7	63.5	63.7	64.8	65.7	66.4	66.7	66.8	66.9	67.4	67.9	68.6	69.0
[illegible]	10.4	64.1	66.4	68.4	70.7	70.9	72.1	73.0	74.3	74.9	75.2	75.3	75.8	76.	77.0	77.4
[illegible]	10.5	67.9	70.6	72.6	75.3	75.5	77.1	78.1	79.1	8 .3	80.5	80.7	81.1	81.6	82.4	82.7
[illegible]	10.6	68.9	71.7	73.7	76.4	76.6	78.2	79.2	80.2	81.4	81.6	81.8	82.2	82.7	83.5	83.8
[illegible]	10.6	7 .1	73.2	75.5	78.6	78.8	80.7	81.6	82.6	83.8	84.1	84.2	84.7	85.2	85.9	86.3
[illegible]	10.6	71.3	74.7	77.3	80.5	80.8	82.7	83.7	84.7	85.9	86.1	86.3	86.7	87.2	88.2	88.3
[illegible]	10.6	71.7	75.3	78.0	81.6	81.9	83.8	84.9	85.9	87.1	87.3	87.5	88.0	88.4	89.2	89.5
[illegible]	10.6	71.7	75.5	78.5	82.2	82.5	84.5	85.6	86.6	87.8	88.1	88.2	88.7	89.2	89.9	90.3
[illegible]	10.6	71.8	75.8	78.7	82.6	82.8	85.0	86.3	87.2	88.4	88.7	88.8	89.3	89.8	90.5	90.9
[illegible]	10.6	71.9	75.9	79.0	83.0	83.2	85.4	86.6	87.6	88.8	89.1	89.2	89.7	90.1	90.9	91.2
[illegible]	10.6	71.9	75.9	79.0	83.0	83.2	85.5	87.1	88.3	89.8	90.0	90.1	90.6	91.1	91.8	92.2
[illegible]	10.6	71.9	75.9	79.2	83.3	83.6	86.0	87.8	89.2	90.9	91.8	92.0	92.5	92.9	93.8	94.2
[illegible]	10.6	71.9	75.9	79.3	83.9	84.2	87.0	89.4	90.8	92.9	94.0	94.2	94.6	95.1	96.	96.4
[illegible]	10.6	71.9	75.9	79.6	84.3	84.5	87.5	90.0	91.4	93.7	94.8	95.0	95.5	96.0	97.1	97.4
[illegible]	10.6	71.9	76.0	79.8	84.5	84.8	87.8	91.0	92.3	94.9	96.1	96.5	97.0	97.4	98.5	98.9
[illegible]	10.6	71.9	76.0	79.8	84.5	84.8	87.8	91.0	92.3	94.9	96.1	96.5	97.1	97.6	98.9	99.6
[illegible]	10.6	71.9	76.0	79.8	84.5	84.8	87.8	91.0	92.3	94.9	96.1	96.5	97.1	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 822

USAF ETAC [illegible]

...AL CLIMATOLOGY BRANCH
...TAC
...FATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS, WA ... JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1100-2300

...4	23.5	24.2	24.7	26.0	26.0	26.6	27.4	28.0	28.6	29.2	29.2	29.6	30.8	31.0	31.9
3.2	24.7	25.4	25.9	27.3	27.3	27.9	28.6	29.2	29.8	30.4	30.4	30.8	31.5	32.5	33.1
4.1	25.5	26.3	26.8	28.1	28.1	28.7	29.4	30.0	30.7	31.3	31.3	31.6	31.9	33.3	33.9
4.1	25.7	26.4	26.9	28.2	28.2	28.8	29.6	30.2	30.8	31.4	31.4	31.8	32.0	33.5	33.9
4.1	26.8	27.6	28.1	29.8	29.8	30.4	31.1	31.8	32.4	33.0	33.0	33.5	33.7	35.2	35.6
4.1	28.5	29.3	29.8	31.5	31.5	32.1	32.8	33.5	34.1	34.7	34.7	35.2	35.4	36.9	37.3
4.1	30.5	31.5	32.2	34.1	34.1	34.7	35.4	36.0	36.6	37.2	37.2	37.7	38.0	39.4	39.9
4.1	31.5	32.5	33.2	35.2	35.5	35.8	36.5	37.1	37.7	38.3	38.3	38.8	39.1	40.5	41.0
4.2	33.6	34.5	35.4	37.3	37.3	38.2	38.9	39.5	40.1	40.8	40.8	41.2	41.5	42.9	43.4
4.4	35.5	36.5	37.5	39.4	39.4	40.3	41.1	41.7	42.3	42.9	42.9	43.4	43.8	45.3	45.7
4.4	36.7	37.7	38.7	40.6	40.6	41.5	42.3	42.9	43.6	44.2	44.2	44.6	45.0	46.5	47.0
4.6	38.7	40.8	41.7	43.7	43.8	44.6	45.5	46.1	46.7	47.4	47.4	45.1	48.4	49.9	50.4
4.6	41.5	42.7	43.8	45.7	46.0	46.8	47.8	48.4	49.0	49.8	49.8	50.4	50.7	52.2	52.7
4.3	46.0	47.4	49.1	51.6	51.8	52.7	53.6	54.3	54.9	55.6	55.6	56.2	56.6	58.2	58.6
4.3	51.2	52.9	55.0	57.5	57.8	58.9	59.9	60.5	61.2	61.9	61.9	62.5	63.0	64.6	65.1
4.5	55.5	57.8	60.1	62.7	62.9	64.0	65.0	66.2	66.9	67.6	67.6	68.2	68.7	70.3	70.8
4.6	59.6	62.2	65.1	67.8	68.0	69.7	70.7	71.4	72.3	73.0	73.0	73.7	74.2	75.8	76.3
4.6	63.3	68.1	71.0	74.0	74.2	76.0	77.1	78.0	79.0	79.7	79.7	80.4	80.9	82.5	83.0
4.6	65.7	68.5	71.4	74.5	74.7	76.5	77.6	78.5	79.7	80.4	80.4	81.3	81.9	83.3	83.8
4.6	66.7	70.0	73.0	76.0	76.3	78.1	79.2	80.2	81.4	82.2	82.2	83.1	83.6	85.2	85.6
4.6	67.6	71.2	74.5	77.7	78.0	80.2	81.4	82.4	83.6	84.4	84.4	85.3	85.8	87.3	87.8
4.6	69.1	71.7	75.1	78.5	78.7	80.9	82.1	83.1	84.3	85.2	85.2	86.0	86.7	88.3	88.8
4.6	69.0	72.4	76.0	79.4	80.0	82.2	83.5	84.4	85.6	86.5	86.5	87.3	88.1	89.7	90.1
4.6	69.2	72.9	76.3	79.7	80.7	83.0	84.2	85.2	86.4	87.2	87.2	88.1	88.8	90.4	90.9
4.6	69.3	73.2	76.6	80.3	81.3	83.7	84.9	85.9	87.1	88.0	88.0	88.8	89.5	91.1	91.6
4.6	69.3	73.2	76.8	80.5	81.6	84.3	85.5	86.5	87.7	88.6	88.6	89.4	90.1	91.7	92.2
4.6	69.3	73.2	76.8	80.8	82.2	85.2	86.5	87.5	88.7	89.5	89.5	90.4	91.1	92.7	93.2
4.6	69.7	73.6	77.1	81.1	82.6	85.6	87.1	88.1	89.3	90.1	90.1	91.0	91.7	93.3	93.8
4.6	69.7	73.6	77.3	81.4	83.0	86.0	88.2	89.2	90.5	91.6	91.6	92.5	93.2	95.1	95.6
4.6	69.7	73.7	77.4	81.6	83.2	86.5	88.8	89.9	91.1	92.7	92.7	93.9	94.6	96.7	97.4
4.6	69.7	73.7	77.4	81.6	83.2	86.5	88.8	89.8	91.1	92.8	93.1	94.3	95.0	97.2	99.5
4.6	69.7	73.7	77.4	81.6	83.2	86.5	88.8	89.8	91.1	92.8	93.1	94.3	95.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 822

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

.3	21.9	22.0	22.9	23.7	23.7	24.[illegible]	24.4	24.7	24.9	25.1	25.1	25.3	25.5	[illegible]	[illegible]	
[illegible].1	24.4	25.2	25.7	26.5	26.6	26.9	27.2	27.6	27.8	28.[illegible]	28.[illegible]	28.2	28.3	28.8	[illegible]9.1	
[illegible].3	24.9	25.7	26.2	27.0	[illegible]7.1	27.4	27.7	28.[illegible]	28.3	28.5	28.5	28.7	28.8	29.3	[illegible]9.6	
[illegible].4	25.2	26.[illegible]	26.4	27.3	27.3	27.6	28.0	28.[illegible]	28.6	28.7	28.7	28.9	29.1	29.5	[illegible]9.9	
[illegible].2	27.0	27.9	28.3	29.3	29.3	29.7	30.0	30.4	30.6	30.8	30.8	31.0	31.2	31.[illegible]	[illegible]2.[illegible]	
[illegible].9	29.0	29.9	30.4	31.4	31.4	31.8	32.1	32.5	32.7	32.9	32.9	33.1	33.[illegible]	33.[illegible]	[illegible]4.1	
[illegible].[illegible]	[illegible].7	31.7	[illegible]2.2	33.2	33.3	33.7	34.0	34.4	34.6	34.8	34.8	35.[illegible]	35.2	35.7	[illegible]6.[illegible]	
[illegible].7	31.5	32.5	[illegible]3.0	34.1	34.1	34.5	34.9	35.2	35.4	35.6	35.6	35.9	36.1	36.5	[illegible]6.9	
[illegible].[illegible]	[illegible]3.7	34.8	35.4	36.5	36.5	37.[illegible]	37.3	37.7	37.9	38.1	38.1	38.3	38.5	39.[illegible]	[illegible]9.3	
[illegible].5	[illegible]6.1	37.3	37.9	39.2	39.2	39.6	40.[illegible]	40.4	40.6	40.8	4[illegible].8	41.1	41.3	41.8	42.1	
[illegible].1	37.6	38.7	[illegible]9.4	40.7	40.7	41.1	41.5	41.[illegible]	42.1	42.[illegible]	42.3	42.6	42.8	43.[illegible]	43.6	
[illegible].7	4[illegible].3	41.5	42.3	43.7	43.7	44.2	44.7	45.[illegible]	45.3	45.5	45.5	45.8	46.[illegible]	46.5	46.[illegible]	
[illegible].[illegible]	43.[illegible]	44.4	45.2	46.7	46.8	47.3	47.8	48.2	48.4	48.7	48.7	49.[illegible]	49.2	49.7	[illegible]0.1	
1[illegible].1	47.7	49.3	50.4	52.1	[illegible]2.3	52.[illegible]	53.5	53.[illegible]	54.1	54.3	54.3	54.7	54.9	55.4	55.[illegible]	
1[illegible].[illegible]	52.3	54.3	55.7	[illegible]7.6	57.9	58.6	59.3	59.[illegible]	60.[illegible]	[illegible]0.3	[illegible]0.[illegible]	[illegible]0.6	[illegible]0.9	61.4	61.[illegible]	
1[illegible].5	55.8	5[illegible].3	59.9	62.1	[illegible]2.3	63.2	64.[illegible]	64.5	64.9	[illegible]5.1	65.1	[illegible]5.5	65.8	[illegible]6.[illegible]	[illegible]6.6	
1[illegible].8	[illegible].3	63.4	65.5	67.8	[illegible]8.2	69.1	69.9	[illegible]0.5	71.[illegible]	71.[illegible]	71.3	71.7	71.9	72.4	[illegible]2.8	
[illegible]0.2	[illegible]4.[illegible]	67.4	69.7	[illegible]2.5	72.9	74.1	75.[illegible]	75.[illegible]	76.3	76.[illegible]	76.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]7.[illegible]	[illegible]8.1	
20.3	[illegible]4.5	[illegible]9.[illegible]	70.4	73.3	73.6	74.8	75.7	76.4	77.1	77.4	77.4	77.8	78.1	[illegible]9.6	[illegible]9.[illegible]	
[illegible].[illegible]	66.1	[illegible]1.1	[illegible]2.5	[illegible]5.6	76.[illegible]	77.3	78.2	[illegible]9.[illegible]	[illegible]9.6	[illegible]0.[illegible]	[illegible]0.[illegible]	[illegible]0.5	[illegible]1.[illegible]	[illegible]1.2	[illegible]1.5	
[illegible].[illegible]	67.2	71.[illegible]	[illegible]4.[illegible]	77.3	77.7	79.2	[illegible]0.2	[illegible]1.[illegible]	[illegible]1.6	[illegible]2.[illegible]	[illegible]2.1	[illegible]2.5	[illegible]2.7	[illegible]3.[illegible]	[illegible]3.6	
[illegible].[illegible]	68.[illegible]	72.1	[illegible]4.9	[illegible]6.3	78.8	[illegible]0.3	81.4	[illegible]2.3	[illegible]2.9	[illegible]3.[illegible]	83.3	83.8	84.1	[illegible]4.[illegible]	[illegible]5.[illegible]	
[illegible].[illegible]	[illegible]8.3	[illegible]2.5	75.5	[illegible]8.9	79.4	81.[illegible]	82.2	[illegible]3.1	[illegible]3.7	84.1	84.2	84.6	84.9	[illegible]5.4	[illegible]5.[illegible]	
[illegible].[illegible]	[illegible]0.6	72.9	75.9	[illegible]9.5	[illegible]0.1	81.8	[illegible]3.1	[illegible]4.[illegible]	[illegible]4.7	[illegible]5.1	[illegible]5.[illegible]	[illegible]5.6	[illegible]5.9	[illegible]6.4	[illegible]6.[illegible]	
[illegible].[illegible]	[illegible]3.9	73.3	76.3	[illegible]9.[illegible]	[illegible]0.7	82.5	[illegible]3.9	[illegible]4.[illegible]	[illegible]5.4	[illegible]5.9	[illegible]5.9	[illegible]6.3	[illegible]6.6	[illegible]7.[illegible]	[illegible]7.5	
[illegible].[illegible]	[illegible]9.1	[illegible]3.5	[illegible]6.8	[illegible] .7	[illegible]1.4	[illegible]3.5	[illegible]5.[illegible]	[illegible]5.[illegible]	[illegible]6.8	[illegible]7.3	[illegible]7.3	[illegible]7.8	[illegible]8.1	[illegible]8.7	[illegible]9.1	
[illegible].[illegible]	[illegible]9.2	[illegible]3.[illegible]	[illegible]7.3	[illegible]1.4	[illegible]2.3	[illegible]4.5	[illegible]6.3	[illegible]7.3	[illegible]8.3	[illegible]9.[illegible]	[illegible]9.[illegible]	[illegible]9.5	[illegible]9.8	[illegible]0.4	[illegible]0.[illegible]	
[illegible].[illegible]	[illegible]9.2	[illegible]7.[illegible]	[illegible]7.5	[illegible]1.7	[illegible]2.7	[illegible]5.3	[illegible]7.4	[illegible]8.7	[illegible]9.9	90.7	[illegible]0.8	91.3	91.6	92.3	92.7	
[illegible].[illegible]	[illegible]9.3	[illegible]4.[illegible]	[illegible]7.7	[illegible]2.[illegible]	[illegible]3.1	[illegible]5.8	[illegible]8.4	[illegible]9.[illegible]	[illegible]1.4	92.5	[illegible]2.6	[illegible]3.2	[illegible]3.6	[illegible]4.4	[illegible]5.[illegible]	
[illegible].[illegible]	[illegible]9.3	[illegible]4.[illegible]	[illegible]7.7	[illegible]2.1	[illegible]3.3	[illegible]6.1	[illegible]9.[illegible]	[illegible]0.5	[illegible]2.2	[illegible]3.6	[illegible]3.8	[illegible]4.7	[illegible]5.2	[illegible]6.[illegible]	[illegible]7.6	
[illegible].[illegible]	[illegible]9.3	[illegible]4.[illegible]	[illegible]7.7	[illegible]2.1	[illegible]3.3	[illegible]6.1	[illegible]9.[illegible]	[illegible]0.[illegible]	[illegible]2.3	[illegible]3.[illegible]	[illegible]4.[illegible]	[illegible]4.9	[illegible]5.6	[illegible]7.[illegible]	[illegible]9.[illegible]	
[illegible].[illegible]	59.3	74.[illegible]	77.7	82.1	[illegible]3.3	86.1	89.[illegible]	90.[illegible]	92.3	93.8	[illegible]4.[illegible]	[illegible]5.[illegible]	95.7	[illegible]7.[illegible]	[illegible]0.[illegible]	

TOTAL NUMBER OF OBSERVATIONS 6576

[illegible]

AL CLIMATOLOGY BRANCH
TAC
ATR[illegible] SFC,ICE/MPC

2

CEILING VERSUS VISIBILITY

AT AAF/FT LE[illegible] AA [illegible] 55

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	19.7	22.4	23.6	25.3	25.5	26.[illegible]	26.5	26.[illegible]	27.4	27.7	27.7	28.5	[illegible]	29.[illegible]	[illegible]	[illegible]
[illegible]	21.6	24.[illegible]	26.0	27.7	27.8	28.3	28.9	29.[illegible]	29.8	30.1	30.1	31.8	[illegible]	[illegible]	[illegible]	71.4
[illegible]	21.9	24.[illegible]	26.0	27.7	27.8	28.3	28.9	29.[illegible]	29.8	30.1	30.1	30.8	[illegible]	[illegible]	[illegible]	71.4
[illegible]	21.8	24.[illegible]	26.[illegible]	27.8	28.[illegible]	28.5	29.0	29.3	29.9	30.2	30.2	31.[illegible]	[illegible]	31.[illegible]	31.[illegible]	71.5
[illegible]	22.2	25.2	26.4	28.3	28.5	29.[illegible]	29.5	29.8	30.4	30.7	30.7	31.5	31.5	31.[illegible]	[illegible]	72.[illegible]
[illegible]	22.9	25.6	26.8	28.7	28.9	29.5	30.2	30.4	31.1	31.4	31.4	32.2	32.2	32.[illegible]	[illegible]	72.7
[illegible]	24.9	28.[illegible]	29.3	31.2	31.4	32.0	32.7	32.9	33.6	33.9	33.9	34.6	34.[illegible]	34.6	[illegible]	75.[illegible]
[illegible]	26.[illegible]	29.1	30.3	32.3	32.4	33.1	33.7	34.[illegible]	34.6	34.9	34.9	35.7	35.7	35.7	[illegible]	76.[illegible]
[illegible]	24.[illegible]	31.8	32.9	34.9	35.2	36.[illegible]	36.6	37.[illegible]	37.8	38.1	38.1	38.8	38.8	38.8	[illegible]	79.4
[illegible]	32.2	35.4	36.7	39.1	39.5	40.3	40.9	41.[illegible]	42.1	42.4	42.4	43.2	43.2	43.2	[illegible]	83.7
[illegible]	34.0	37.3	38.6	40.9	41.3	42.1	42.8	43.2	44.0	44.2	44.2	45.[illegible]	45.[illegible]	45.[illegible]	[illegible]	85.5
[illegible]	39.9	43.[illegible]	45.1	47.8	48.2	49.0	49.6	50.[illegible]	50.8	51.0	51.[illegible]	51.8	51.[illegible]	51.8	[illegible]	92.[illegible]
[illegible]	43.2	47.2	48.6	51.3	51.7	52.5	53.1	53.[illegible]	54.3	54.6	54.6	55.4	55.4	55.4	[illegible]	95.[illegible]
[illegible]	47.6	52.4	53.7	56.4	56.8	57.6	58.3	58.9	59.7	60.1	60.1	60.9	60.9	60.9	[illegible]	91.4
[illegible]	54.3	59.6	60.9	63.9	64.3	65.1	65.7	66.4	67.2	67.6	67.6	68.4	68.4	68.4	[illegible]	88.9
[illegible]	59.6	65.6	67.1	70.1	70.5	71.3	71.9	72.7	73.5	73.9	73.9	74.7	74.7	74.7	[illegible]	75.2
[illegible]	65.6	72.3	74.1	77.2	77.7	78.5	79.1	79.9	80.7	81.1	81.1	81.9	81.9	81.9	[illegible]	72.4
[illegible]	68.4	75.1	77.2	8[illegible].2	80.7	81.5	82.3	83.2	84.0	84.4	84.4	85.2	85.2	85.2	[illegible]	85.7
[illegible]	69.3	76.1	78.2	81.2	81.8	82.5	83.3	84.3	85.2	85.4	85.4	86.2	86.2	86.2	[illegible]	86.7
[illegible]	70.1	77.2	79.3	82.3	82.8	83.6	84.4	85.3	86.4	86.7	86.7	87.7	87.7	87.7	[illegible]	88.2
[illegible]	71.3	78.7	81.1	84.1	84.6	85.4	86.2	87.1	88.2	88.6	88.6	89.5	89.5	89.5	[illegible]	90.[illegible]
[illegible]	71.6	79.5	81.9	85.0	85.6	86.4	87.1	88.1	89.1	89.5	89.5	90.4	90.[illegible]	90.6	[illegible]	91.1
[illegible]	72.0	79.9	82.4	85.6	86.1	86.9	87.7	88.6	89.6	90.[illegible]	90.[illegible]	90.9	91.1	91.1	[illegible]	91.[illegible]
[illegible]	72.2	80.1	82.5	85.8	86.4	87.3	88.3	89.2	90.3	90.8	90.8	91.7	91.9	91.9	[illegible]	92.4
[illegible]	72.3	8[illegible].6	83.1	86.4	86.9	87.8	88.8	89.[illegible]	90.8	91.5	91.5	92.4	92.7	92.7	[illegible]	93.2
[illegible]	72.7	81.[illegible]	83.5	86.7	87.3	88.2	89.2	9[illegible].2	91.2	91.9	91.9	92.8	93.[illegible]	93.[illegible]	[illegible]	93.9
[illegible]	72.7	81.1	83.7	87.0	87.5	88.5	89.5	9[illegible].4	91.5	92.1	92.1	93.3	93.6	93.[illegible]	[illegible]	94.1
[illegible]	72.7	81.1	83.9	87.5	88.5	89.4	90.4	91.3	92.4	93.[illegible]	93.[illegible]	94.2	94.5	94.5	[illegible]	95.[illegible]
[illegible]	72.8	81.2	84.[illegible]	87.9	88.8	90.2	91.3	92.[illegible]	93.4	94.1	94.1	95.3	95.5	95.5	[illegible]	96.1
[illegible]	72.8	81.2	84.[illegible]	87.9	88.8	90.[illegible]	91.3	92.5	93.7	94.4	94.4	95.5	95.8	96.5	[illegible]	97.6
[illegible]	72.9	81.2	84.0	87.9	88.8	90.2	91.3	92.5	93.7	94.5	94.6	95.9	96.2	97.2	[illegible]	99.7
[illegible]	72.8	81.2	84.0	87.9	88.8	90.2	91.3	92.5	93.7	94.6	94.6	95.9	96.2	97.4	[illegible]	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 762

[illegible]

AL CLIMATOLOGY BRANCH
AFGWC
2 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF/ST LEWIS MO [illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS [illegible]

	14.0	15.7	16.7	18.4	18.6	18.9	19.2	19.7	19.8	20.3	[illegible]	20.5	[illegible]	[illegible]	[illegible]	[illegible]
	15.2	15.3	19.1	20.2	20.5	20.9	21.1	21.3	22.1	22.6	22.6	22.7	[illegible]	[illegible]	[illegible]	[illegible]
	15.2	15.3	19.1	20.2	20.5	20.9	21.1	21.3	22.0	22.6	22.6	22.7	[illegible]	[illegible]	[illegible]	[illegible]
	15.2	16.3	19.1	21.2	20.5	20.9	21.1	21.7	22.0	22.6	22.6	22.7	[illegible]	[illegible]	[illegible]	[illegible]
	16.3	17.3	19.2	21.3	21.5	21.9	22.2	22.3	23.1	23.6	23.6	23.8	[illegible]	[illegible]	[illegible]	[illegible]
	17.1	18.1	19.9	22.0	22.3	22.7	23.1	23.1	23.9	24.4	24.4	24.5	[illegible]	[illegible]	[illegible]	[illegible]
	18.0	20.1	21.9	24.0	24.3	24.7	24.9	25.1	25.9	26.4	26.4	26.5	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	21.1	23.1	25.1	25.3	25.7	26.0	26.1	26.7	27.4	27.4	27.6	[illegible]	[illegible]	[illegible]	[illegible]
	20.3	23.6	25.5	27.6	27.8	28.2	28.5	28.6	29.4	29.9	29.9	30.1	[illegible]	[illegible]	[illegible]	[illegible]
	25.2	26.6	28.5	30.8	31.1	31.8	32.1	32.2	32.9	33.5	33.5	33.6	[illegible]	[illegible]	[illegible]	[illegible]
	27.4	29.[illegible]	31.0	33.3	33.6	34.3	34.5	34.6	35.4	36.[illegible]	36.[illegible]	36.1	[illegible]	[illegible]	[illegible]	[illegible]
	32.5	34.5	36.7	39.1	39.4	40.2	40.3	40.4	41.2	41.7	41.7	41.9	[illegible]	[illegible]	[illegible]	[illegible]
	36.2	38.5	41.7	43.0	42.3	44.0	44.2	44.4	45.3	45.8	45.[illegible]	45.9	[illegible]	[illegible]	[illegible]	[illegible]
	42.4	45.4	46.0	5[illegible].7	51.9	51.8	52.1	52.2	53.1	53.7	53.7	53.8	[illegible]	[illegible]	[illegible]	[illegible]
	49.3	52.1	55.0	58.0	58.3	59.2	59.4	59.[illegible]	6[illegible].5	61.[illegible]	61.[illegible]	61.2	[illegible]	[illegible]	[illegible]	[illegible]
	53.4	56.1	61.1	64.0	64.3	65.2	65.5	65.6	66.5	67.1	67.1	67.2	[illegible]	[illegible]	[illegible]	[illegible]
	59.1	64.2	67.3	7[illegible].3	71.9	71.8	72.3	72.4	73.4	77.9	77.9	74.0	[illegible]	[illegible]	[illegible]	[illegible]
	62.5	68.4	71.7	74.9	75.5	76.4	76.9	77.[illegible]	78.[illegible]	78.5	78.5	78.6	[illegible]	[illegible]	[illegible]	[illegible]
	63.7	69.2	72.6	76.0	76.5	77.4	78.0	78.1	79.1	79.7	79.7	79.8	[illegible]	[illegible]	[illegible]	[illegible]
	66.1	71.4	75.1	78.5	79.0	79.9	80.4	80.6	81.6	82.2	82.3	82.4	[illegible]	[illegible]	[illegible]	[illegible]
	67.2	74.[illegible]	77.7	81.1	81.6	82.5	83.1	83.2	84.3	84.[illegible]	84.9	85.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	67.8	74.7	79.5	82.3	82.8	83.9	84.4	84.5	85.6	86.[illegible]	86.2	86.4	[illegible]	[illegible]	[illegible]	[illegible]
	68.2	75.[illegible]	79.3	83.1	83.6	84.6	85.2	85.3	86.4	87.[illegible]	87.[illegible]	87.1	[illegible]	[illegible]	[illegible]	[illegible]
	68.2	75.[illegible]	79.4	83.2	83.7	84.8	85.4	85.6	86.7	87.7	87.7	87.8	[illegible]	[illegible]	[illegible]	[illegible]
	68.4	75.5	79.8	83.6	84.1	85.[illegible]	85.8	86.[illegible]	87.1	88.1	88.1	88.2	[illegible]	[illegible]	[illegible]	[illegible]
	68.8	75.9	81.2	84.1	84.6	85.7	86.4	86.5	87.7	88.5	88.6	88.7	[illegible]	[illegible]	[illegible]	[illegible]
	69.0	76.4	81.0	84.8	85.4	86.5	87.1	87.3	88.5	89.4	89.4	89.5	[illegible]	[illegible]	[illegible]	[illegible]
	69.3	76.[illegible]	81.5	85.7	86.4	87.4	88.1	88.2	89.4	9[illegible].3	9[illegible].3	9[illegible].6	[illegible]	[illegible]	[illegible]	[illegible]
	69.4	76.9	81.8	86.0	86.6	87.9	88.6	88.7	89.9	9[illegible].9	9[illegible].8	91.1	[illegible]	[illegible]	[illegible]	[illegible]
	69.4	76.9	81.8	86.0	86.6	88.2	88.8	89.[illegible]	9[illegible].3	91.6	91.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	69.4	76.9	81.8	86.1	86.7	88.3	89.1	89.[illegible]	9[illegible].7	92.3	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	69.4	76.9	81.8	86.1	86.7	88.3	89.1	89.[illegible]	9[illegible].7	92.3	92.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

...AL CLIMATOLOGY BRANCH

...THE WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

AT AIRFIELD [illegible] Total [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE [illegible]
FROM HOURLY OBSERVATIONS

[illegible]	1.	17.	17.8	14.7	16.	15.1	15.5	15.5	16.	16.7	16.3	[illegible].7	16.5	17.1	17.8
[illegible].7	13.5	14.8	15.7	1 .7	16.9	17.1	17.5	17.5	18.	18.2	17.2	17.6	18.9	19.1	19.8
[illegible].	15.8	16.1	16.3	17.1	17.3	17.5	17.8	17.8	18.4	18.4	18.6	18.7	19.7	19.8	[illegible].7
[illegible].1	14.7	15.4	16.3	17.3	17.6	17.7	18.1	18.1	18.6	18.9	18.9	19.3	19.6	19.7	[illegible].8
[illegible].7	16.7	17.5	18.5	19.9	[illegible].2	[illegible].3	20.7	20.7	21.3	21.5	21.5	21.9	22.2	22.3	23.1
[illegible].5	18.5	19.2	19.0	20.3	20.7	[illegible].9	21.3	21.7	21.8	22.0	22.1	22.4	22.7	23.5	24.6
[illegible].3	19.6	21.1	22.2	23.6	24.0	24.1	24.7	24.8	25.3	25.6	25.6	26.1	26.4	26.5	27.1
[illegible].3	19.8	21.4	22.4	23.9	24.3	24.4	24.7	25.1	25.6	25.9	25.9	26.4	26.6	26.9	27.7
[illegible].1	22.3	24.1	25.2	26.6	27.[illegible]	27.2	28.0	28.2	28.7	29.2	29.0	29.5	29.8	30.1	[illegible].8
[illegible].	25.8	25.5	26.5	28.1	28.5	28.9	29.7	29.9	30.4	30.7	30.7	31.2	31.5	31.8	32.5
11.	[illegible].0	29.3	29.4	31.0	31.4	31.8	32.5	32.8	33.3	33.6	33.6	34.1	34.4	34.6	[illegible].4
1 .1	[illegible].5	33.8	34.5	36.1	36.6	36.7	37.7	37.9	38.5	38.7	38.7	39.2	39.5	39.8	4 .6
1 .1	33.[illegible]	36.1	37.3	39.1	39.[illegible]	40.[illegible]	40.8	41.1	41.6	41.9	41.9	42.4	42.7	42.9	43.7
1 .4	40.7	44.4	45.0	47.8	48.3	48.7	49.5	49.7	50.3	50.5	50.5	51.[illegible]	51.3	51.6	52.4
13.	47.4	49.7	51.7	53.5	54.1	54.5	55.2	55.6	56.2	56.4	56.4	57.[illegible]	57.[illegible]	57.5	58.3
14.	4 .3	53.7	56.[illegible]	58.4	59.1	59.4	60.2	60.6	61.2	61.4	61.4	61.9	62.[illegible]	62.5	63.3
14.3	56.4	61.	[illegible]4.[illegible]		66.4	67.2	67.7	68.6	69.[illegible]	69.5	69.8	69.8	70.[illegible]	70.6	71.9	72.7
1 .4	62.5	65.6	68.9	71.5	72.3	73.[illegible]	74.1	74.5	75.1	75.[illegible]	75.3	75.9	76.1	76.4	77.2
14.	61.5	65.[illegible]	70.1	73.7	73.5	74.1	75.3	75.7	76.2	76.5	76.5	77.[illegible]	77.7	77.6	78.[illegible]
14.7	63.6	68.[illegible]	72.6	75.3	76.2	76.9	78.1	78.6	79.1	79.4	79.4	79.9	8[illegible].2	81.4	81.2
15.[illegible]	64.6	7[illegible].5	74.[illegible]	76.9	77.8	78.9	80.1	80.4	81.1	81.4	81.4	81.9	82.[illegible]	83.[illegible]	84.[illegible]
14.	65.6	71.5	75.3	78.3	79.4	8[illegible].6	81.8	82.4	83.1	83.5	83.5	84.[illegible]	84.3	84.6	85.4
14.	65.6	71.5	75.5	78.7	79.8	81.1	82.3	82.[illegible]	83.6	84.1	84.1	84.6	84.9	85.[illegible]	86.1
15.	65.7	72.2	76.1	79.4	80.4	81.8	83.1	83.[illegible]	84.8	85.[illegible]	85.3	85.8	86.1	86.5	87.[illegible]
14.	65.9	72.4	76.5	79.8	8[illegible].8	83.2	83.6	84.4	85.3	85.9	85.8	86.4	86.6	87.[illegible]	87.8
14.	66.	72.[illegible]	76.8	8[illegible].2	81.2	82.5	84.1	85.	86.[illegible]	86.5	86.5	87.[illegible]	87.3	87.7	88.5
14.	66.[illegible]	73.1	77.4	8[illegible].8	81.9	83.2	84.9	85.5	86.9	87.5	87.7	88.2	88.[illegible]	89.[illegible]	89.8
14.	67.1	74.[illegible]	78.3	81.8	82.8	84.1	86.1	87.1	88.2	88.8	89.	89.5	89.8	9[illegible].[illegible]	91.1
14.[illegible]	67.1	74.	78.5	8[illegible].2	83.2	84.5	86.5	87.7	89.1	89.9	9[illegible].0	90.7	91.2	91.9	92.7
14.	67.1	74.	78.5	8[illegible].2	83.3	84.8	86.7	88.[illegible]	89.8	9[illegible].9	91.1	92.7	93.3	94.4	95.8
14.[illegible]	67.1	74.[illegible]	78.5	8[illegible].3	83.5	84.9	86.9	88.[illegible]	89.9	91.1	91.2	92.8	94.1	95.5	99.6
14.	67.1	74.[illegible]	78.5	8[illegible].3	83.5	84.9	86.9	88.[illegible]	89.9	91.1	91.2	92.8	94.1	95.51	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 762

CEILING VERSUS VISIBILITY

72-81

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	13.9	14.3	14.6	15.2	15.7	15.4	15.9	16.	16.1	16.1	16.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	15.2	19.6	19.2	19.6	19.7	19.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	19.6	20.2	20.7	[illegible]	21.0	21.5	21.7	21.8	21.8	21.	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.[illegible]	21.7	22.2	22.3	22.4	23.[illegible]	23.[illegible]	23.2	23.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.2	23.[illegible]	24.5	25.1	25.2	25.3	25.9	[illegible]	26.1	26.[illegible]	26.1	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26.1	26.6	27.3	27.4	27.6	28.1	[illegible]	28.3	28.7	28.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	30.6	31.5	31.[illegible]	31.8	32.3	32.[illegible]	32.5	[illegible]	32.[illegible]	32.7	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	31.	31.9	32.5	32.7	32.8	33.3	33.[illegible]	33.6	33.[illegible]	33.[illegible]	33.7	33.7	34.	[illegible]
[illegible]	33.3	33.9	34.9	35.4	35.6	35.7	36.0	36.5	36.6	36.[illegible]	36.6	36.7	36.7	[illegible]	[illegible]
[illegible]	34.[illegible]	36.[illegible]	37.5	38.2	38.3	38.5	39.	39.[illegible]	39.4	39.4	39.4	39.5	39.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	38.[illegible]	39.8	40.4	40.6	40.7	41.3	41.6	41.7	41.7	41.7	41.9	41.[illegible]	42.[illegible]	[illegible]
[illegible]	41.6	43.[illegible]	44.5	45.1	45.3	45.4	46.1	46.[illegible]	46.7	46.7	46.7	46.9	46.[illegible]	47.[illegible]	[illegible]
[illegible]	44.5	46.6	47.5	48.2	48.3	48.4	49.1	49.[illegible]	49.7	49.7	49.7	49.9	49.9	[illegible]	[illegible]
[illegible]	52.6	55.1	56.2	57.0	57.1	57.2	58.[illegible]	58.4	58.7	58.7	58.7	58.8	58.[illegible]	[illegible]	[illegible]
[illegible]	57.0	59.7	60.8	61.5	61.7	61.8	62.6	63.[illegible]	63.3	63.7	63.7	63.4	63.4	[illegible]	[illegible]
[illegible]	61.2	64.2	65.6	66.8	66.9	67.2	68.0	68.4	68.6	68.8	68.8	68.9	68.9	68.[illegible]	[illegible]
[illegible]	66.[illegible]	69.9	72.4	73.9	74.[illegible]	74.3	75.3	75.7	76.[illegible]	76.1	[illegible]	76.2	76.[illegible]	76.[illegible]	[illegible]
24.[illegible]	72.6	75.3	77.8	79.8	79.9	80.4	81.8	82.3	82.5	82.7	82.7	82.9	[illegible]	[illegible]	[illegible]
24.[illegible]	[illegible]	75.9	78.3	80.4	80.6	81.2	82.5	83.[illegible]	83.3	83.5	83.[illegible]	83.6	83.[illegible]	[illegible]	[illegible]
34.[illegible]	71.5	74.5	79.[illegible]	81.1	81.5	82.3	83.6	84.1	84.5	84.6	84.6	84.9	84.[illegible]	85.	[illegible]
[illegible]	72.3	77.3	79.9	80.3	82.7	83.5	84.8	85.3	85.7	85.[illegible]	85.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	72.7	74.1	[illegible]	83.2	83.7	84.6	86.1	86.7	87.1	87.3	87.4	87.5	87.[illegible]	[illegible]	[illegible]
[illegible]	73.1	73.[illegible]	81.5	83.2	84.4	85.4	86.9	87.[illegible]	87.9	88.1	88.[illegible]	88.3	88.[illegible]	88.5	[illegible]
[illegible]	73.1	[illegible]	81.5	83.9	84.8	86.0	87.4	88.1	88.5	88.6	88.7	88.8	88.[illegible]	[illegible]	[illegible]
[illegible]	73.4	[illegible]	81.9	84.3	85.3	86.5	87.9	89.[illegible]	89.[illegible]	89.1	89.2	89.4	89.4	[illegible]	[illegible]
[illegible]	73.4	79.[illegible]	82.5	85.[illegible]	86.1	87.3	88.7	89.4	89.6	89.9	[illegible]	90.2	90.[illegible]	[illegible]	[illegible]
[illegible]	73.4	79.[illegible]	82.5	85.0	86.1	87.7	89.1	90.[illegible]	91.1	91.2	91.3	91.5	91.5	91.[illegible]	[illegible]
[illegible]	73.4	79.[illegible]	82.8	85.4	86.5	87.8	89.6	90.[illegible]	91.7	91.[illegible]	92.1	92.3	92.4	[illegible]	[illegible]
[illegible]	73.4	79.	[illegible]	85.4	86.5	87.5	90.0	91.[illegible]	92.7	93.2	93.6	94.1	94.4	[illegible]	[illegible]
[illegible]	73.4	79.[illegible]	82.8	85.4	86.5	87.8	90.0	91.7	92.7	94.[illegible]	94.5	95.1	95.[illegible]	97.4	[illegible]
[illegible]	73.4	79.[illegible]	82.8	85.4	86.5	87.8	90.0	91.7	92.7	94.	94.5	95.1	96.[illegible]	[illegible]	[illegible]
[illegible]	73.5	79.[illegible]	[illegible]	85.6	86.6	87.9	90.2	91.[illegible]	[illegible]	94.1	94.[illegible]	95.7	96.	[illegible]	[illegible]

2

CEILING VERSUS VISIBILITY

[illegible] CLIMATOLOGY BRANCH

PERCENTAGE FREQUENCY OF OCCURRENCE

[illegible] HOURLY OBSERVATIONS

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17.1	17.1	17.1	[illegible]	17.1	17.1	17.1	17.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.1	[illegible]	25.1	[illegible]	25.1	25.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	25.9	[illegible]	[illegible]	[illegible]	26.1	[illegible]	26.1	[illegible]	26.1	26.1	26.1	[illegible]	[illegible]
27.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	28.6	[illegible]	28.6	28.6	28.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	31.5	[illegible]	[illegible]	[illegible]	31.6	[illegible]	31.8	[illegible]	[illegible]	31.8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	34.1	[illegible]	[illegible]	[illegible]	[illegible]	34.5	34.5	34.6	[illegible]	34.6	34.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.6	36.6	[illegible]	36.6	[illegible]	[illegible]	[illegible]	36.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	40.7	[illegible]	[illegible]	44.1	44.1	44.1	44.1	44.1	44.1	44.1	[illegible]	44.1
[illegible]	44.1	[illegible]	[illegible]	[illegible]	[illegible]	45.1	45.3	[illegible]	45.3	[illegible]	45.3	45.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.5	[illegible]	50.7	50.7	50.7	50.7	50.7	[illegible]	[illegible]
[illegible]	[illegible]	52.4	[illegible]	[illegible]	[illegible]	[illegible]	53.4	[illegible]	53.7	53.7	53.7	53.7	53.7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	61.2	61.4	61.7	[illegible]	61.7	61.7	61.7	61.7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.1	[illegible]	66.4	66.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	72.6	[illegible]	73.6	[illegible]	[illegible]	74.1	74.4	74.4	74.4	74.4	74.4	74.4	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.1	[illegible]	81.4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	85.4	[illegible]	[illegible]	87.3	87.4	87.7	87.9	87.9	87.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	86.1	87.1	[illegible]	87.9	88.1	[illegible]	88.6	[illegible]	88.6	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.4	[illegible]	91.1	91.2	91.2	91.2	[illegible]	[illegible]	91.2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.5	91.7	[illegible]	92.4	92.7	[illegible]	[illegible]	92.8	[illegible]	[illegible]	[illegible]
[illegible]	84.9	[illegible]	[illegible]	91.9	92.5	[illegible]	93.2	93.7	[illegible]	94.2	94.2	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	89.8	[illegible]	92.7	93.2	[illegible]	[illegible]	94.4	[illegible]	94.6	94.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	89.8	91.9	[illegible]	93.6	[illegible]	[illegible]	94.6	[illegible]	95.0	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.9	93.8	[illegible]	[illegible]	[illegible]	95.3	95.3	95.3	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	89.5	[illegible]	92.4	93.2	94.5	[illegible]	[illegible]	96.1	[illegible]	96.3	96.3	[illegible]	[illegible]	[illegible]
47.6	[illegible]	[illegible]	90.3	92.7	93.4	94.9	95.7	96.5	96.9	97.1	97.1	97.1	[illegible]	[illegible]	97.1
47.6	[illegible]	[illegible]	90.3	[illegible]	93.7	95.3	96.2	97.1	97.5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
47.6	[illegible]	[illegible]	[illegible]	92.8	93.7	[illegible]	96.3	97.5	98.4	99.1	99.2	[illegible]	99.5	[illegible]	99.6
[illegible]	[illegible]	[illegible]	[illegible]	92.8	93.7	95.3	96.3	97.5	98.4	[illegible]	99.2	99.3	99.7	99.9	[illegible]
47.6	[illegible]	[illegible]	90.3	92.8	93.7	95.3	96.3	97.5	98.4	99.1	99.2	99.3	99.7	99.9	[illegible]
47.6	[illegible]	[illegible]	[illegible]	92.8	93.7	[illegible]	96.3	97.5	98.4	99.1	99.2	99.3	99.7	99.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS 76[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1.4	19.9	21.2	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
2.3	27.3	27.6	27.7	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
.1	28.2	28.5	28.6	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
.1	28.5	28.9	29.1	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
.8	31.9	32.2	32.3	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
3.1	34.6	34.9	35.0	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
1.4	36.7	37.0	37.1	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
32.6	38.3	38.6	38.7	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
34.1	42.4	42.7	42.8	43.4	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
37.8	44.9	45.1	45.3	45.9	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
38.3	47.5	47.8	47.9	48.6	48.6	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
41.1	52.4	52.8	52.9	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
42.7	56.8	57.2	57.5	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
45.4	64.7	65.2	65.5	65.8	66.8	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
46.5	69.7	70.3	70.6	71.0	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
47.6	76.4	77.2	77.6	78.0	79.0	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
48.6	81.1	82.2	83.1	84.6	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
50.7	84.5	86.2	87.8	89.5	89.6	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
51.1	85.2	86.9	88.5	90.3	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
51.1	85.2	88.1	89.6	91.7	91.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
51.7	86.7	88.6	90.3	92.5	92.7	93.8	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
51.7	87.3	89.1	90.6	93.3	93.4	94.6	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
51.7	87.3	89.1	90.8	93.3	93.6	94.9	95.4	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
51.7	87.4	89.2	90.9	93.6	93.8	95.4	96.1	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
51.7	87.4	89.2	90.9	93.6	94.0	95.7	96.3	96.6	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
51.7	87.4	89.2	90.9	93.7	94.2	95.9	96.6	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
51.7	87.4	89.2	90.9	93.7	94.2	96.1	97.0	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
51.7	87.4	89.2	90.9	93.7	94.2	96.1	97.2	97.6	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
51.7	87.4	89.2	90.9	93.7	94.2	96.2	97.6	98.0	98.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6
51.7	87.4	89.2	90.9	93.7	94.2	96.2	97.6	98.0	98.8	99.3	99.3	99.6	99.9	99.9	99.9	99.9
51.7	87.4	89.2	90.9	93.7	94.2	96.2	97.6	98.0	98.8	99.3	99.3	99.6	99.9	100.0	100.0	100.0
51.7	87.4	89.2	90.9	93.7	94.2	96.2	97.6	98.0	98.8	99.3	99.3	99.6	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 762

...AL CLIMATOLOGY BRANCH
...TAC
2 ... WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

...AY AAF/FT LE...IS ...A 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.4	27.3	28.1	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	[illegible]	[illegible]	[illegible]	[illegible]
31.2	31.3	31.8	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
31.3	31.4	32.1	32.5	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
31.4	31.5	32.5	32.9	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
33.1	33.2	34.1	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
35.1	35.3	36.6	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
37.5	37.5	38.3	38.7	38.7	38.7	38.8	38.8	38.8	38.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8
39.3	39.6	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
41.7	41.9	42.1	42.7	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0
44.2	44.1	45.7	45.8	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2
48.2	48.9	49.0	49.6	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9
51.7	51.6	52.1	52.9	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7
57.1	54.2	55.5	56.6	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5	57.5	57.5
60.7	61.4	62.7	63.9	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0
69.5	67.5	68.8	70.1	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3
74.5	73.2	75.1	76.5	77.3	77.4	77.7	77.8	77.8	77.8	77.9	77.6	78.0	78.1	78.1	78.1	78.1
81.9	81.2	82.6	84.4	85.4	86.1	86.4	86.5	86.5	86.5	86.5	86.9	86.6	86.6	86.6	86.6	86.6
87.2	82.4	85.8	87.7	88.8	89.5	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3
87.2	82.9	86.4	88.2	89.4	90.0	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
89.2	84.1	87.5	89.4	90.6	91.2	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1
89.3	84.9	88.5	91.3	91.6	92.3	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2
89.3	85.2	88.7	91.8	92.1	92.8	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
89.3	85.2	88.8	91.3	92.7	93.3	94.0	94.4	94.6	94.6	94.6	94.6	94.9	94.9	94.9	94.9	94.9
89.3	85.2	88.8	91.3	92.8	93.7	94.4	94.8	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3
89.3	85.2	89.1	91.6	93.0	94.0	94.9	95.4	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9
89.3	85.2	89.1	91.9	93.3	94.2	95.1	95.7	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3
89.3	85.2	89.1	91.9	93.3	94.2	95.1	95.9	96.2	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0
89.3	85.3	89.2	92.0	93.4	94.4	95.3	96.3	96.7	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6
89.3	85.3	89.2	92.0	93.4	94.4	95.3	96.3	96.7	97.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8
89.3	85.3	89.2	92.0	93.4	94.5	95.4	96.5	97.1	97.5	97.8	97.8	98.4	98.8	98.8	99.0	99.0
89.3	85.3	89.2	92.0	93.4	94.5	95.4	96.5	97.1	97.5	97.8	97.8	98.6	99.1	99.1	99.6	99.6
89.3	85.3	89.2	92.0	93.4	94.5	95.4	96.5	97.1	97.5	97.8	97.8	98.6	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 762

...A... ... A ... ...

...AL CLIMATOLOGY BRANCH
...ATIC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...PAY AAF/FT LEWIS WA 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1100-2200

3.3	24.3	26.5	27.4	29.7	29.4	30.1	30.7	30.7	31.2	31.5	31.6	31.9	32.0	32.7	32.7	32.7
4.2	27.7	29.4	30.3	31.9	32.3	32.9	33.6	33.6	34.1	34.4	34.5	34.8	34.9	35.7	35.7	35.7
4.2	27.7	29.4	30.3	31.9	32.3	32.9	33.6	33.6	34.1	34.4	34.5	34.8	34.9	35.7	35.7	35.7
4.3	27.7	29.4	30.3	31.9	32.3	32.9	33.6	33.6	34.1	34.4	34.5	34.8	34.9	35.7	35.7	35.7
4.5	28.5	30.3	31.5	33.2	33.6	34.3	34.9	34.9	35.4	35.7	35.8	36.1	36.2	36.4	36.4	36.4
4.7	29.3	31.1	32.3	34.0	34.4	35.0	35.7	35.7	36.2	36.5	36.6	36.9	37.0	37.1	37.1	37.1
5.1	31.9	33.7	34.9	36.6	37.0	37.7	38.3	38.3	38.8	39.1	39.2	39.5	39.6	39.8	39.8	39.8
5.1	32.2	34.0	35.2	36.9	37.3	37.9	38.6	38.6	39.1	39.4	39.5	39.8	39.9	40.0	40.0	40.0
5.1	34.5	36.4	37.5	39.4	39.8	40.4	41.3	41.3	41.9	42.1	42.3	42.5	42.7	42.8	42.8	42.8
5.1	37.8	39.6	40.8	42.7	43.1	43.7	44.6	44.6	45.1	45.4	45.5	45.8	45.9	46.1	46.1	46.1
5.4	39.5	41.3	42.5	44.4	44.8	45.4	46.5	46.5	47.0	47.2	47.4	47.6	47.8	47.9	47.9	47.9
5.6	44.1	46.0	47.6	49.6	50.3	50.7	51.7	51.7	52.2	52.5	52.6	52.9	53.0	53.1	53.1	53.1
5.8	47.5	49.4	51.4	53.8	54.2	54.9	55.9	55.9	56.6	56.8	57.0	57.2	57.3	57.5	57.5	57.5
6.1	53.7	56.3	57.7	60.1	60.5	61.2	62.2	62.2	62.9	63.1	63.3	63.5	63.6	63.8	63.8	63.8
6.1	58.3	60.7	64.3	66.8	67.2	67.8	68.9	68.9	69.6	69.8	69.9	70.2	70.3	70.5	70.5	70.5
6.1	66.4	69.7	71.4	74.1	74.5	75.2	76.2	76.2	76.9	77.2	77.3	77.6	77.7	77.8	77.8	77.8
6.2	72.3	76.2	78.0	81.0	81.4	82.2	83.2	83.2	83.9	84.1	84.3	84.5	84.6	84.8	84.8	84.8
6.2	75.9	79.8	81.6	84.8	85.2	86.0	87.0	87.0	87.7	87.9	88.1	88.3	88.5	88.6	88.6	88.6
6.2	76.1	80.1	81.9	85.0	85.4	86.2	87.3	87.3	87.9	88.2	88.3	88.6	88.7	88.8	88.8	88.8
6.2	77.4	81.4	83.2	86.5	87.0	87.8	88.8	88.8	89.5	89.8	89.9	90.2	90.3	90.4	90.4	90.4
6.2	78.6	82.7	84.8	88.1	88.6	89.5	90.6	90.6	91.2	91.5	91.6	91.9	92.0	92.1	92.1	92.1
6.2	79.3	83.6	85.7	89.0	89.5	90.4	91.5	91.5	92.1	92.4	92.5	92.8	92.9	93.0	93.0	93.0
6.2	79.4	83.7	86.0	89.2	90.0	91.1	92.1	92.3	92.9	93.2	93.3	93.6	93.7	93.8	93.8	93.8
6.2	79.4	84.3	86.5	89.9	90.8	91.9	92.9	93.0	93.7	94.0	94.1	94.4	94.5	94.6	94.6	94.6
6.2	79.7	84.8	87.0	90.4	91.3	92.4	93.6	93.7	94.4	94.6	94.8	95.0	95.1	95.3	95.3	95.3
6.2	79.9	85.1	87.3	91.8	91.7	92.8	94.0	94.1	94.8	95.0	95.1	95.4	95.5	95.7	95.7	95.7
6.2	80.6	85.7	87.9	91.6	92.5	93.6	94.8	94.9	95.5	95.8	95.9	96.2	96.3	96.5	96.5	96.5
6.2	80.6	85.7	87.9	91.6	92.7	93.7	95.0	95.1	95.8	96.1	96.2	96.5	96.6	96.7	96.7	96.7
6.2	80.6	85.7	87.9	91.6	92.7	93.8	95.1	95.3	95.9	96.2	96.3	96.6	96.9	97.0	97.0	97.1
6.2	80.6	85.7	87.9	91.7	92.8	94.0	95.4	95.7	96.5	96.9	97.0	97.4	97.6	98.2	98.3	98.3
6.2	80.6	85.7	87.9	91.7	92.8	94.0	95.4	95.8	96.6	97.0	97.1	97.6	97.9	98.6	98.9	99.0
6.2	80.6	85.7	87.9	91.7	92.8	94.0	95.4	95.8	96.6	97.1	97.2	97.9	98.2	98.8	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 762

1 ...

...AL CLIMATOLOGY BRANCH
...F TAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS, WA — 73-81 — SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

7.	18.5	19.5	21.2	21.1	21.2	21.4	21.8	21.8	22.1	22.3	22.3	22.5	22.6	22.6	22.9
.1	22.2	23.7	24.1	25.0	25.2	25.4	25.7	25.8	26.1	26.3	26.3	26.5	26.6	26.6	26.9
1.	22.7	23.	24.6	25.5	25.7	25.9	26.2	26.3	26.6	26.8	26.8	27.0	27.1	27.1	27.4
.5	23.1	24.2	25.2	26.0	26.1	26.4	26.7	26.7	27.1	27.2	27.2	27.5	27.5	27.6	27.9
11.	24.9	26.	26.9	27.9	28.1	28.3	28.6	28.7	29.0	29.2	29.2	29.4	29.5	29.5	29.8
12.	26.5	27.7	28.5	29.5	29.7	30.0	30.3	30.4	30.7	30.9	30.9	31.1	31.2	31.2	31.5
	29.0	30.3	31.2	32.2	32.4	32.6	33.0	33.1	33.4	33.6	33.6	33.8	33.9	33.9	34.2
.4	31.	31.8	32.2	33.3	33.4	33.7	34.1	34.1	34.5	34.6	34.6	34.9	34.9	35.0	35.3
1.	33.9	34.3	35.2	36.3	36.5	36.8	37.2	37.4	37.7	37.9	37.9	38.1	38.2	38.3	38.6
3.	35.7	37.0	38.1	39.3	39.5	39.9	40.3	40.4	40.8	40.9	41.2	41.2	41.3	41.4	41.6
.9	37.8	39.4	40.3	41.5	41.7	42.1	42.6	42.7	43.1	43.2	43.2	43.5	43.5	43.6	43.9
7.	42.6	44.5	45.5	46.9	47.1	47.5	47.9	48.1	48.4	48.6	48.6	48.9	48.9	49.0	49.3
1.	46.9	47.9	49.0	50.5	50.7	51.1	51.6	51.7	52.1	52.3	52.3	52.6	52.6	52.7	53.0
10.3	52.7	55.1	56.4	58.0	58.3	58.7	59.1	59.4	59.8	60.0	60.0	60.2	60.3	60.4	60.6
7.	58.2	60.9	62.3	64.1	64.3	64.9	65.3	65.5	65.9	66.1	66.1	66.4	66.4	66.5	66.8
.	63.8	67.0	68.5	70.4	70.7	71.1	71.6	71.9	72.3	72.5	72.5	72.8	72.8	72.9	73.2
1.2	69.7	73.5	75.4	77.4	77.9	78.4	79.0	79.2	79.7	79.9	79.9	80.1	80.2	80.3	80.5
1.	73.4	77.6	79.8	82.0	82.5	83.1	83.6	84.0	84.5	84.7	84.7	84.9	85.0	85.1	85.4
1.	74.0	78.3	80.5	82.8	83.3	83.9	84.6	84.8	85.3	85.5	85.5	85.7	85.8	85.9	86.2
1.2	75.2	79.7	82.0	84.4	84.9	85.7	86.4	86.7	87.2	87.5	87.5	87.7	87.8	87.9	88.2
1.2	76.2	81.	83.4	85.9	86.5	87.3	88.0	88.3	88.8	89.1	89.1	89.4	89.4	89.5	89.8
2.	76.8	81.7	84.2	86.9	87.5	88.3	89.1	89.5	90.0	90.3	90.3	90.6	90.6	90.7	91.0
2.0	77.0	81.9	84.6	87.3	87.9	88.9	89.7	90.1	90.7	91.0	91.0	91.3	91.4	91.5	91.7
2.0	77.0	82.1	84.8	87.5	88.3	89.4	90.2	90.7	91.3	91.6	91.7	91.9	92.0	92.1	92.4
2.	77.1	82.3	85.1	87.9	88.7	89.8	90.7	91.2	91.8	92.1	92.2	92.5	92.6	92.7	92.9
2.0	77.3	82.5	85.4	88.3	89.1	90.3	91.2	91.7	92.3	92.7	92.7	93.0	93.1	93.2	93.5
2.0	77.4	82.6	85.7	88.6	89.4	90.6	91.7	92.3	93.1	93.5	93.5	93.9	94.0	94.1	94.4
2.0	77.6	82.9	86.0	89.0	89.9	91.1	92.4	93.0	93.8	94.3	94.3	94.7	94.8	94.9	95.2
2.	77.6	83.	86.0	89.1	90.0	91.4	92.7	93.4	94.4	95.0	95.1	95.5	95.8	95.9	96.3
2.	77.6	83.	86.0	89.1	90.1	91.5	92.8	93.6	94.7	95.5	95.6	96.3	96.7	97.2	97.9
2.0	77.6	83.	86.0	89.2	90.1	91.5	92.9	93.7	94.8	95.6	95.8	96.5	97.0	97.8	99.3
2.0	77.6	83.0	86.0	89.2	90.1	91.5	92.9	93.7	94.8	95.7	95.8	96.5	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6296

SAFETA

...IAL CLIMATOLOGY BRANCH
... TAC
... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

... JOAY AAF/FT LEWIS WA ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

000-2200

3.1	35.8	36.9	37.2	37.6	38..	38.1	38.2	38.5	38.5	38.9	38.9	38.9	38.9	39.2	39.2
3.6	38.4	39.4	39.7	40.1	40.5	40.6	40.7	41.2	41.2	41.5	41.5	41.5	41.5	41.8	41.8
3.6	38.7	39.8	40.0	40.5	40.9	41.0	41.1	41.3	41.3	41.8	41.8	41.8	41.8	42.2	42.2
3.6	38.8	39.9	40.1	40.6	41.0	41.1	41.2	41.5	41.5	41.9	41.9	41.9	41.9	42.3	42.3
3.6	39.7	40.7	41.0	41.5	41.8	41.9	42.1	42.3	42.3	42.8	42.8	42.8	42.8	43.1	43.1
3.6	40.3	41.3	41.7	42.2	42.5	42.7	42.8	43.0	43.0	43.5	43.5	43.5	43.5	43.8	43.8
3.6	42.3	43.4	43.7	44.2	44.6	44.7	44.8	45.1	45.0	45.5	45.5	45.5	45.5	45.9	45.9
3.6	43.7	44.8	45.2	45.6	46.0	46.1	46.2	46.5	46.5	47.0	47.0	47.0	47.0	47.3	47.3
3.6	47.1	48.1	48.6	49.1	49.5	49.6	49.7	49.9	49.9	50.4	50.4	50.4	50.4	50.9	50.9
4.2	50.2	51.4	51.9	52.4	52.8	52.9	53.0	53.3	53.3	53.8	53.8	53.9	53.9	54.6	54.6
4.2	52.1	53.3	53.8	54.4	54.7	54.8	55.0	55.2	55.2	55.7	55.7	55.8	55.8	56.5	56.5
4.2	56.8	57.9	58.4	59.0	59.4	59.5	59.6	59.9	59.9	60.3	60.3	60.5	60.5	61.2	61.2
4.2	6 .0	61.2	61.6	62.2	62.6	62.7	62.8	63.1	63.1	63.6	63.6	63.7	63.7	64.4	64.4
4.2	68.0	69.2	69.7	7 .5	70.8	71.0	71.1	71.3	71.3	71.8	71.8	71.9	71.9	72.6	72.6
4.2	74.1	75.4	75.9	76.7	77.1	77.2	77.3	77.9	77.9	78.4	78.4	78.5	78.5	79.2	79.2
4.2	79.7	80.2	80.6	81.5	81.8	82.0	82.1	82.7	82.7	83.2	83.2	83.3	83.3	84.0	84.0
4.3	84.1	85.5	86.0	86.9	87.2	87.5	87.6	88.2	88.2	88.6	88.6	88.8	88.8	89.5	89.5
4.3	87.5	89.4	89.8	91.0	91.4	91.6	91.8	92.4	92.4	92.8	92.8	93.0	93.0	93.7	93.7
4.3	87.7	89.6	90.1	91.3	91.6	91.9	92.0	92.6	92.6	93.1	93.1	93.2	93.2	94.0	94.0
4.3	88.7	91.6	92.2	93.4	93.8	94.1	94.3	94.9	94.9	95.3	95.3	95.5	95.5	96.3	96.3
4.3	9 .7	92.6	93.3	94.5	94.9	95.3	95.5	96.1	96.1	96.5	96.5	96.7	96.7	97.5	97.5
4.3	91.8	92.7	93.4	94.9	95.2	95.7	95.8	96.4	96.4	96.9	96.9	97.0	97.0	97.8	97.8
4.3	90.9	92.8	93.5	95.1	95.3	95.8	95.9	96.5	96.5	97.0	97.0	97.1	97.1	98.3	98.3
4.3	91.3	93.2	93.9	95.3	95.7	96.2	96.3	96.9	96.9	97.4	97.4	97.5	97.5	98.7	98.7
4.3	91.3	93.2	93.9	95.3	95.7	96.2	96.3	96.9	96.9	97.4	97.4	97.5	97.5	98.7	98.7
4.3	91.3	93.2	93.9	95.3	95.7	96.2	96.3	96.9	96.9	97.4	97.4	97.5	97.5	98.7	98.7
4.3	91.3	93.2	93.9	95.3	95.7	96.2	96.3	96.9	96.9	97.4	97.4	97.5	97.5	98.7	98.7
4.3	91.3	93.2	94.0	95.6	96.1	96.5	96.7	97.3	97.3	97.8	97.8	98.0	98.0	99.2	99.2
4.3	91.3	93.2	94.0	95.6	96.1	96.7	96.8	97.4	97.4	98.1	98.1	98.2	98.2	99.4	99.4
4.3	91.3	93.2	94.1	95.7	96.2	97.0	97.1	97.8	97.8	98.7	98.7	98.8	98.8	100.0	100.0
4.3	91.3	93.2	94.1	95.7	96.2	97.0	97.1	97.8	97.8	98.7	98.7	98.8	98.8	100.0	100.0
4.3	91.3	93.2	94.1	95.7	96.2	97.0	97.1	97.8	97.8	98.7	98.7	98.8	98.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

USAF ETAC ... DLA ...

...L BAL CLIMATOLOGY BRANCH
...TAC
2 ... ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...GRAY AAF/FT LEWIS WA 73-81 ... MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-1500

...	30.2	31.2	31.8	31.7	31.9	32.4	32.7	32.7	33.0	33.2	33.3	33.3	33.5	33.8	33.9	
...	30.7	31.9	32.6	33.5	33.7	34.2	34.5	34.5	34.8	35.2	35.1	35.1	35.2	35.6	35.8	
...	31.1	32.3	33.0	33.8	34.1	34.5	34.9	34.9	35.1	35.4	35.4	35.5	35.6	36.0	36.0	
...	31.1	32.3	33.0	33.8	34.1	34.5	34.9	34.9	35.1	35.4	35.4	35.5	35.6	36.0	36.0	
...	32.1	33.2	34.1	34.9	35.1	35.6	36.0	36.0	36.2	36.4	36.4	36.6	36.7	37.0	37.0	
...	33.0	34.2	34.9	35.7	36.0	36.4	36.8	36.9	37.0	37.3	37.3	37.4	37.5	37.9	37.9	
...	35.7	36.9	37.6	38.5	38.7	39.2	39.5	39.5	39.8	40.0	40.0	40.1	40.3	40.6	40.6	
...	37.2	38.4	39.2	40.3	40.5	41.0	41.3	41.3	41.6	41.8	41.8	41.9	42.1	42.4	42.4	
...	41.5	42.7	43.5	44.6	44.8	45.3	45.6	45.6	45.9	46.1	46.1	46.2	46.4	46.7	46.7	
...	44.1	45.3	46.4	47.4	47.8	48.3	48.6	48.6	48.9	49.1	49.1	49.2	49.3	49.8	50.1	
...	46.5	47.7	48.7	49.8	50.2	50.7	51.0	51.0	51.3	51.5	51.5	51.6	51.7	52.0	52.4	
...	51.1	51.7	52.3	53.4	53.8	54.2	54.6	54.6	54.8	55.1	55.1	55.2	55.3	55.8	56.1	
...	53.6	54.7	55.9	57.0	57.3	57.8	58.2	58.2	58.4	58.8	58.8	58.9	59.0	59.5	59.7	
...	61.2	62.6	63.8	65.2	65.6	66.2	66.5	66.5	66.8	67.1	67.1	67.3	67.4	67.9	68.1	
...	66.8	68.5	69.7	71.3	71.7	72.3	72.6	72.9	73.1	73.5	73.5	73.6	73.7	74.2	74.4	
...	70.8	72.5	73.7	75.4	75.7	76.3	76.7	76.9	77.3	77.7	77.7	77.8	77.9	78.4	78.6	
...	77.5	79.3	81.9	82.9	83.3	84.0	84.3	84.6	84.9	85.3	85.3	85.4	85.5	86.0	86.3	
...	81.5	82.3	83.9	85.9	86.3	87.0	87.3	87.6	87.9	88.3	88.3	88.5	88.6	89.1	89.4	
...	81.1	83.3	84.8	86.9	87.2	87.9	88.3	88.5	88.9	89.2	89.2	89.5	89.6	90.1	90.3	
...	83.4	84.6	86.1	88.2	88.5	89.2	89.7	90.0	90.3	90.7	90.7	90.9	91.0	91.5	91.8	
...	84.7	86.9	88.4	90.7	91.0	91.8	92.2	92.5	92.8	93.3	93.3	93.5	93.7	94.1	94.4	
...	85.1	87.2	88.8	91.2	91.5	92.2	92.7	93.1	93.5	94.0	94.0	94.3	94.4	94.9	95.1	
...	85.9	88.1	89.6	92.0	92.4	93.2	93.7	94.0	94.5	95.0	95.0	95.2	95.3	95.9	96.2	
...	85.9	88.1	89.6	92.0	92.4	93.2	93.7	94.0	94.5	95.0	95.0	95.2	95.3	95.9	96.2	
...	86.1	88.3	89.8	92.2	92.6	93.4	93.9	94.3	94.7	95.2	95.2	95.5	95.6	96.2	96.4	
...	86.3	88.4	90.0	92.4	92.7	93.5	94.0	94.4	94.9	95.3	95.3	95.6	95.7	96.3	96.5	
...	86.3	88.5	90.1	92.7	93.1	93.9	94.5	94.9	95.3	95.8	95.8	96.1	96.2	96.8	97.0	
...	86.3	88.5	90.1	93.2	93.7	94.5	95.1	95.5	95.9	96.5	96.5	96.8	96.9	97.5	97.7	
...	86.3	88.5	90.1	93.4	93.9	95.0	95.6	96.1	96.5	97.1	97.1	97.4	97.5	98.1	98.3	
...	86.3	88.5	90.1	93.5	94.0	95.1	95.9	96.5	97.0	97.7	97.8	98.1	98.2	98.9	99.0	
...	86.3	88.5	90.1	93.5	94.0	95.1	95.9	96.5	97.0	97.7	97.8	98.1	98.2	98.9	99.0	
...	86.3	88.5	90.1	93.5	94.0	95.1	95.9	96.5	97.0	97.7	97.8	98.1	98.2	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC ... 0-45 OL-A ...

...AL CLIMATOLOGY BRANCH
...TAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAF/ET LE...IS AA 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	14.5	23.5	24.	24.6	25.2	25.4	25.6	26.3	26.4	26.8	26.8	26.8	27.0	27.2	27.1	27.4
	15.1	26.3	27.0	27.6	28.3	28.7	28.8	29.5	29.6	30.0	30.2	30.3	30.3	30.3	30.6	30.8
	15.3	26.5	27.2	27.8	28.6	28.9	29.0	29.7	29.9	30.2	30.2	30.2	30.6	30.6	30.8	31.1
	15.1	27.1	28.1	28.6	29.3	29.6	29.7	30.5	30.6	30.9	30.9	30.9	31.3	31.3	31.5	31.8
	15.5	27.6	28.4	29.0	29.7	30.1	30.2	30.9	31.1	31.4	31.4	31.4	31.8	31.8	32.0	32.3
	17.2	30.2	31.1	31.7	32.4	32.7	32.9	33.6	33.7	34.1	34.1	34.1	34.4	34.4	34.8	35.1
	18.1	33.1	33.7	33.6	34.3	34.6	34.8	35.5	35.6	36.0	36.2	36.2	36.3	36.3	36.7	36.9
	18.2	32.4	33.2	33.6	34.6	35.0	35.1	35.8	36.0	36.3	36.3	36.3	36.7	36.9	37.3	37.5
	19.2	36.2	37.1	37.6	38.5	38.8	38.9	39.7	39.8	40.1	40.1	40.1	40.5	40.7	41.1	41.3
	21.1	39.7	39.5	40.1	41.0	41.3	41.5	42.2	42.3	42.7	42.7	42.7	43.0	43.2	43.6	43.8
	21.2	39.5	40.4	41.1	41.9	42.3	42.4	43.1	43.2	43.6	43.6	43.6	44.0	44.2	44.6	44.8
	22.3	43.5	44.6	45.3	46.4	46.7	46.8	47.6	47.7	48.0	48.0	48.0	48.4	48.6	49.0	49.2
	23.4	47.	48.1	48.9	49.9	50.3	50.4	51.1	51.3	51.6	51.7	51.7	52.1	52.3	52.7	52.9
	26.0	55.2	56.4	57.7	59.1	59.5	59.6	60.5	60.6	60.9	61.1	61.1	61.4	61.6	62.0	62.2
	27.7	61.9	63.3	64.6	66.2	66.7	66.9	67.7	67.9	68.2	68.5	68.5	68.8	69.1	69.4	69.7
	29.3	67.5	69.5	70.8	72.4	72.9	73.4	74.4	74.6	75.1	75.4	75.4	75.7	76.1	76.3	76.6
	29.8	71.6	74.1	75.3	76.8	77.3	77.9	79.0	79.1	79.7	79.9	79.9	80.3	80.5	80.9	81.1
	29.2	74.3	77.3	78.7	80.3	80.8	81.4	82.6	82.7	83.3	83.5	83.5	83.9	84.1	84.5	84.7
	29.2	74.9	77.9	79.3	81.0	81.5	82.2	83.4	83.5	84.1	84.3	84.3	84.7	84.9	85.3	85.5
	29.4	76.8	79.9	81.5	83.5	84.0	84.7	85.9	86.0	86.6	86.9	86.9	87.2	87.5	87.8	88.1
	29.7	79.3	83.1	84.8	87.0	87.5	88.2	89.4	89.5	90.1	90.3	90.3	90.7	90.9	91.3	91.5
	29.7	79.5	83.5	85.3	87.6	88.1	88.8	90.0	90.1	90.7	90.9	90.9	91.3	91.5	91.9	92.1
	30.0	80.0	84.1	85.9	88.2	88.6	89.4	90.6	90.7	91.4	91.6	91.6	92.0	92.2	92.6	92.8
	30.1	80.2	84.2	86.0	88.3	88.8	89.5	90.7	90.8	91.5	91.8	91.8	92.1	92.4	92.7	93.0
	30.1	80.2	84.3	86.1	88.4	88.9	89.6	90.8	90.9	91.6	92.0	92.0	92.4	92.6	93.0	93.2
	30.1	80.2	84.3	86.5	88.8	89.2	90.0	91.2	91.3	92.0	92.4	92.4	92.7	93.0	93.3	93.5
	30.1	80.4	84.7	86.9	89.4	89.8	90.7	91.9	92.0	92.7	93.1	93.1	93.4	93.7	94.0	94.3
	30.1	80.4	84.8	87.0	89.6	90.2	91.0	92.2	92.7	93.4	93.8	93.8	94.3	94.5	94.9	95.5
	30.1	80.4	84.8	87.0	89.6	90.4	91.4	92.8	93.3	94.1	94.6	94.6	95.1	95.3	96.1	96.7
	30.1	80.4	84.8	87.0	89.6	90.4	91.6	93.4	94.0	94.9	95.3	95.3	96.1	96.5	97.6	98.9
	30.1	80.4	84.8	87.0	89.6	90.4	91.6	93.4	94.3	95.3	95.6	95.6	96.3	96.8	98.3	99.9
	30.1	80.5	84.9	87.1	89.7	90.6	91.8	93.5	94.1	95.1	95.7	95.7	96.4	96.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 877

USAF ETAC ... 0-45 ... A ... PREVIOUS EDITIONS ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...TAC
...STAT FOR SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...STAY AAFB/FT LEAVIS AA — 73-81 — MAY

...PER CENT FREQUENCY OF OCCURRENCE — 0700-1100
...FROM HOURLY OBSERVATIONS

1	.4	23.2	23.9	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.4	
22.		27.0	27.7	27.8	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	28.4	28.4	
22.		27.2	28.	28.1	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.6	28.7	28.7	
22.		27.6	28.6	28.7	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.3	29.3	
27.		28.7	29.6	29.7	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.2	30.	30.3	30.3	
29.		29.7	30.	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4	31.5	31.5	
32.		32.4	33.	33.6	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.4	34.4	
33.		33.3	34.5	34.8	35.1	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.7	35.7	35.8	35.8	
36.		36.2	37.4	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.7	38.7	38.8	38.8	
39.		39.2	40.4	40.7	41.1	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.7	41.7	41.8	41.8	
40.		41.6	42.	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.9	43.9	44.1	44.1	44.2	44.2	
46.		46.1	47.9	48.4	48.8	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.6	49.6	49.7	49.7	
46.		49.3	51.1	51.7	52.3	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.9	52.9	53.0	53.0	
50.		57.6	59.6	60.	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.6	61.6	61.8	61.8	
63.		65.7	68.1	68.9	69.9	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.6	70.6	70.7	70.7	
65.		71.1	74.	74.8	75.7	76.0	76.0	76.1	76.1	76.3	76.5	76.5	76.7	76.7	76.8	76.8	
66.		74.8	77.9	79.2	80.	80.5	80.5	80.6	80.6	80.9	81.0	81.	81.2	81.2	81.4	81.4	
71.		78.4	82.1	83.8	84.9	85.3	85.4	85.5	85.5	85.8	85.9	85.9	86.1	86.	86.3	86.3	
68.		78.9	82.6	84.2	85.4	85.8	86.	86.1	86.1	86.4	86.5	86.5	86.7	86.7	86.9	86.9	
71.		83.4	86.9	88.6	89.0	90.3	90.6	90.7	90.7	90.9	91.	91.	91.3	91.3	91.4	91.4	
69.		83.8	88.	91.2	91.6	92.0	92.4	92.5	92.5	92.7	92.8	92.8	93.1	93.1	93.2	93.2	
	.1	84.6	89.6	91.6	93.4	93.8	94.1	94.3	94.3	94.5	94.6	94.6	94.9	94.9	95.0	95.0	
	0.1	84.8	89.8	91.9	93.9	94.3	94.6	94.7	94.7	95.	95.1	95.1	95.3	95.3	95.5	95.5	
	0.2	85.2	90.3	92.4	94.4	94.7	95.1	95.2	95.2	95.5	95.6	95.6	95.8	95.8	95.9	95.9	
	.3	85.3	90.6	92.7	94.7	95.2	95.6	95.8	95.8	96.1	96.2	96.2	96.4	96.4	96.5	96.5	
	.3	85.3	90.6	92.7	94.7	95.2	95.8	96.1	96.1	96.3	96.4	96.4	96.7	96.7	96.8	96.8	
	0.3	85.4	90.7	92.8	94.9	95.3	95.9	96.4	96.4	96.7	96.9	96.9	97.1	97.1	97.3	97.3	
	0.3	85.4	90.7	93.0	95.0	95.5	96.3	96.8	96.8	97.0	97.3	97.4	97.7	97.7	97.8	97.8	
	0.3	85.4	90.7	93.0	95.0	95.5	96.3	96.9	96.9	97.3	97.6	97.7	98.1	98.1	98.2	98.3	
	.3	85.4	90.7	93.0	95.0	95.5	96.3	96.9	96.9	97.3	97.7	97.8	98.3	98.7	98.8	99.2	
	0.3	85.4	90.7	93.0	95.0	95.5	96.3	96.9	96.9	97.3	97.7	97.8	98.3	98.7	99.0	99.6	
	.3	85.4	90.7	93.0	95.0	95.5	96.3	96.9	96.9	97.3	97.7	97.8	98.3	98.7	99.21	00.0	

TOTAL NUMBER OF OBSERVATIONS 637

...USAF ETAC ...

...L CLIMATOLOGY BRANCH
...TAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... MAY AAF/FT LEWIS WA ... 52-81 ... YR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

22.7	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
29.7	32.5	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
29.0	32.6	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
31.7	33.9	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
34.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
38.4	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
40.4	41.1	41.1	41.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
42.1	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
44.3	45.5	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
46.0	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
48.3	52.9	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
48.7	55.8	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
48.5	61.5	61.8	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
50.1	69.4	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
51.1	77.5	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
52.5	83.8	84.7	85.5	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
51.4	89.3	9 .8	91.6	91.9	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
51.6	90.3	91.4	92.2	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
51.3	93.4	94.5	95.3	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
51.3	94.5	95.8	96.9	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
51.3	94.6	95.9	97.1	97.5	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
51.3	94.7	96.0	97.3	97.7	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
51.3	94.7	96.0	97.3	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
51.3	94.7	96.3	97.4	97.8	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
51.3	94.7	96.3	97.5	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
51.3	94.7	96.4	97.6	98.9	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.
51.3	94.7	96.5	97.7	99.0	99.4	99.6	99.9100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
51.3	94.7	96.5	97.7	99.0	99.4	99.6	99.9100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
51.3	94.7	96.5	97.7	99.0	99.4	99.6	99.9100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
51.3	94.7	96.5	97.7	99.0	99.4	99.6	99.9100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
51.3	94.7	96.5	97.7	99.0	99.4	99.6	99.9100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.

TOTAL NUMBER OF OBSERVATIONS ... 577

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

22.4	28.9	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
33.1	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
34.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
33.7	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
37.7	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	38.9	38.9	38.9
39.2	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
42.1	44.3	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
44.6	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
46.7	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
48.4	50.8	51.0	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
49.3	53.2	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
49.3	54.5	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
49.8	61.1	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
50.1	68.6	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
56.1	76.5	77.2	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
61.1	83.2	84.1	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
61.8	88.3	89.4	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
62.3	92.7	93.9	94.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3
62.4	93.1	94.3	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7
62.6	94.5	95.7	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
62.6	95.2	96.7	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
62.6	95.2	96.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
62.6	95.2	96.7	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
62.6	95.2	96.7	98.0	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
62.6	95.2	96.8	98.1	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
62.6	95.2	96.8	98.1	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
62.6	95.3	96.9	98.2	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
62.6	95.3	97.0	98.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
62.6	95.3	97.0	98.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
62.6	95.5	97.1	98.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
62.6	95.5	97.1	98.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
62.6	95.5	97.1	98.4	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 377

2

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

CEILING VERSUS VISIBILITY

[illegible] 73-[illegible] [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	33.3	37.3	37.4	37.4	37.4	37.4	33.4	37.4	33.4	37.4	37.4	37.4	33.4	33.4	37.4
[illegible]	37.3	37.[illegible]	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
[illegible]	38.2	38.[illegible]	38.3	38.3	38.3	38.3	38.3	38.[illegible]	38.3	38.3	38.3	38.3	38.[illegible]	38.[illegible]	38.3
[illegible]	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
[illegible].2	40.[illegible]	40.[illegible]	40.3	40.3	40.3	40.3	40.3	40.[illegible]	40.3	40.3	40.[illegible]	40.3	40.[illegible]	40.[illegible]	40.3
[illegible]	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
[illegible].1	45.9	46.[illegible]	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.[illegible]
[illegible]	46.8	46.[illegible]	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
[illegible]	50.[illegible]	50.	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
[illegible].6	52.9	53.[illegible]	53.1	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.[illegible]	53.0	53.0	53.[illegible]	53.[illegible]	53.[illegible]
[illegible].4	55.7	55.7	55.8	55.8	56.3	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.[illegible]
[illegible].9	61.5	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.[illegible]
[illegible].1	64.7	65.1	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.[illegible]
31.5	71.3	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
70.5	7[illegible].1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
34.1	84.4	85.6	85.9	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.[illegible]	86.2	86.[illegible]
34.4	9[illegible].6	92.	92.3	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.8	92.8	92.[illegible]
35.[illegible]	[illegible]2.9	94.5	94.9	95.2	95.2	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
35.[illegible]	[illegible]3.2	94.7	95.1	95.5	95.5	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
[illegible].3	[illegible]3.9	95.6	96.2	96.5	96.5	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible].3	94.7	96.4	97.1	97.5	97.5	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.	98.[illegible]	98.[illegible]
[illegible].3	[illegible]	96.7	97.4	98.[illegible]	98.[illegible]	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
[illegible].3	[illegible]5.1	96.[illegible]	97.5	98.1	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible].3	[illegible]5.2	96.9	97.6	98.2	98.2	98.3	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible].3	[illegible]5.3	97.1	97.7	98.3	98.3	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
[illegible].3	[illegible]5.5	97.1	97.8	98.4	98.4	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible].3	[illegible]5.5	97.1	97.8	98.4	[illegible]3.6	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible].3	[illegible]5.5	97.1	97.8	98.6	98.7	98.9	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible].3	[illegible]5.7	97.4	98.1	98.8	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	95.7	97.4	98.1	98.8	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	[illegible]5.7	97.4	98.1	98.8	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	[illegible]5.7	97.4	98.1	98.8	98.9	99.2	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS [illegible]3[illegible]

CEILING VERSUS VISIBILITY

2

CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	47.5	45.6	45.7	43.7	43.8	44.	44.	44.2	44.2	44.	44.2	44.2	44.2	44.2	44.	
	47.	47.4	47.5	47.5	47.7	47.8	47.8	48.	48.	48.	48.3	48.3	48.4	48.	48.	
	47.	47.8	47.9	47.9	48.0	48.1	48.1	48.4	48.4	48.4	48.6	48.6	48.8	48.	48.	
	47.2	47.8	47.9	47.9	48.0	48.1	48.1	48.4	48.4	48.4	48.6	48.6	48.8	48.	48.	
	47.3	47.8	47.9	48.0	48.	48.3	48.4	48.6	48.6	48.6	48.9	48.9	48.9	48.	48.	
	48.4	48.8	5 .0	5 .1	5 .1	50.4	50.5	50.7	50.7	50.7	51.0	51.0	51.1	51.	51.	
	51.7	52.2	53.3	53.5	53.5	53.7	53.8	54.	54.1	54.1	54.1	54.2	54.2	54.4	54.	
	54.3	54.8	54.9	55.1	55.1	55.3	55.4	55.6	55.7	55.7	55.7	55.9	55.9	56.	56.	
	57.2	57.8	57.9	58.	58.	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.9	58.9	59.	
	59.4	6 .0	60.1	60.2	60.2	60.5	60.6	60.6	60.9	60.9	60.9	61.1	61.1	61.2	61.	
	61.7	61.8	61.7	61.9	62.1	62.2	62.2	62.5	62.5	62.5	62.7	62.7	62.8	62.	62.	
	67.2	67.	67.0	67.1	67.1	68.4	68.6	68.8	69.0	69.	69.	69.3	69.3	69.4	69.	
	71.9	72.	72.	72.1	72.1	72.3	72.6	72.8	73.0	73.0	73.0	73.2	73.2	73.3	73.	
	76.8	76.7	76.9	77.	77.	77.4	77.7	77.7	78.	78.	78.2	78.3	78.3	78.4	78.	
	79.1	80.	80.2	80.4	80.4	80.7	81.0	81.	81.4	81.4	81.4	81.6	81.6	81.7	81.	
	84.0	85.0	85.4	85.6	85.6	85.9	86.3	86.3	86.7	86.7	86.7	86.9	86.9	87.	87.	
	87.4	87.9	88.1	88.3	88.3	88.6	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.8	89.	
	91.5	91.	91.5	91.6	91.6	92.	92.3	92.3	92.7	92.7	92.7	92.7	92.8	92.9	92.	
	91.4	91.9	92.5	92.6	92.6	93.	93.3	93.3	93.7	93.7	93.7	94.	94.	94.1	94.	
	94.0	94.	94.3	94.4	94.4	94.6	95.2	95.2	95.6	95.6	95.6	95.8	95.8	95.9	95.	
	94.7	94.4	95.2	95.3	95.3	95.7	96.2	96.2	96.5	96.5	96.5	96.8	96.8	96.9	96.	
	94.	94.	95.4	95.6	95.6	95.9	96.4	96.4	96.8	96.	96.8	97.0	97.0	97.2	97.	
	94.1	94.9	95.6	95.7	95.7	96.	96.5	96.5	96.9	96.9	96.9	97.2	97.2	97.3	97.	
	94.7	95.6	96.3	96.4	96.4	96.8	97.2	97.3	97.7	97.7	97.7	97.9	97.9	98.	98.	
	94.9	95.7	96.4	96.5	96.5	96.9	97.4	97.4	97.8	97.8	97.8	98.1	98.	98.1	98.	
	94.1	95.4	96.7	96.8	96.8	97.3	97.8	97.8	98.	98.1	98.1	98.4	98.4	98.5	98.	
	94.1	95.7	96.9	97.0	97.0	97.5	98.1	98.	98.4	98.4	98.4	98.6	98.6	98.8	98.	
	94.1	96.2	96.9	97.0	97.0	97.7	98.1	98.1	98.5	98.5	98.5	98.8	98.8	98.9	98.9	
	94.1	96.3	96.9	97.2	97.2	97.8	98.4	98.4	98.8	98.8	98.8	99.	99.	99.1	99.1	
	94.1	96.7	96.9	97.3	97.3	97.9	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.2	99.2	
	94.1	96.8	96.9	97.3	97.3	97.9	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.2	100.0	
	94.1	96.8	96.9	97.3	97.3	97.9	98.5	98.5	98.9	98.9	98.9	99.0	99.0	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.5	37.2	37.8	38.3	38.1	38.1	38.4	38.5	38.6	38.8	38.8	38.8	40.0	40.0	40.0	40.0	
.1	40.6	41.2	42.1	42.8	42.8	43.1	43.2	43.2	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7
.1	40.9	41.5	42.2	43.1	43.1	43.3	43.5	43.6	43.7	43.7	43.7	44.0	44.0	44.0	44.0	
.1	.0	41.5	42.2	43.1	43.1	43.3	43.5	43.6	43.7	43.7	43.7	44.0	44.0	44.0	44.0	
.1	41.7	42.3	43.1	44.0	44.0	44.2	44.3	44.4	44.7	44.7	44.7	44.9	44.9	44.9	44.9	
.1	42.1	43.3	44.4	45.3	45.3	45.6	45.7	45.9	46.2	46.2	46.2	46.3	46.3	46.3	46.3	
.1	46.0	46.7	47.4	48.3	48.3	48.5	48.6	48.8	49.1	49.1	49.1	49.3	49.3	49.3	49.3	
.1	47.5	47.5	48.2	49.1	49.5	49.8	49.9	50.2	50.2	50.2	50.5	50.5	50.5	50.5	50.5	
.0	.1	51.0	51.4	52.2	52.2	52.5	52.6	52.7	53.0	53.0	53.0	53.2	53.2	53.2	53.2	
.0	51.9	52.5	53.2	54.1	54.1	54.3	54.4	54.6	54.8	54.8	54.8	55.1	55.1	55.1	55.1	
.1	52.2	52.9	54.0	55.4	55.4	55.7	55.8	55.9	56.2	56.2	56.2	56.4	56.4	56.4	56.4	
.1	59.9	59.9	60.4	61.2	61.2	61.5	61.7	61.9	62.1	62.1	62.1	62.3	62.3	62.3	62.3	
.1	63.7	63.9	64.2	65.2	65.2	65.4	65.7	65.8	66.0	66.0	66.0	66.3	66.3	66.3	66.3	
.1	67.4	67.8	68.5	69.5	69.5	69.8	70.1	70.1	70.4	70.4	70.4	70.6	70.6	70.6	70.6	
.1	73.2	73.7	74.2	75.2	75.2	75.4	75.7	75.8	76.1	76.1	76.1	76.3	76.3	76.3	76.3	
.1	77.4	78.6	79.9	81.0	81.0	81.1	81.4	81.5	81.7	81.7	81.7	82.1	82.1	82.1	82.1	
.1	84.5	85.0	86.3	87.6	88.7	89.1	89.5	89.4	89.7	89.7	89.7	89.9	89.9	89.9	89.9	
.1	83.8	85.4	86.9	88.1	88.3	88.6	88.9	89.1	89.3	89.3	89.3	89.5	89.5	89.5	89.5	
.1	84.7	86.3	87.8	89.1	89.1	89.5	89.8	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.4	
.1	86.3	87.9	89.4	90.7	90.9	91.2	91.5	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	
.1	86.9	88.5	90.0	91.4	91.5	91.9	92.1	92.2	92.5	92.5	92.5	92.7	92.7	92.7	92.7	
.1	87.4	89.0	90.5	92.0	92.1	92.5	92.7	92.8	93.1	93.1	93.1	93.3	93.3	93.3	93.3	
.1	87.9	89.5	91.1	92.6	92.7	93.1	93.3	93.5	93.7	93.7	93.7	94.0	94.0	94.0	94.0	
.1	88.4	90.1	91.8	93.1	93.2	93.6	93.8	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.4	
.1	89.0	90.7	92.3	93.8	94.0	94.3	94.6	94.7	94.9	94.9	94.9	95.2	95.2	95.2	95.2	
.1	89.5	91.4	93.1	94.4	94.6	94.9	95.2	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	
.1	89.8	91.7	93.5	95.1	95.2	95.6	95.8	95.9	96.2	96.2	96.2	96.4	96.4	96.4	96.4	
.1	89.9	91.8	93.6	95.3	95.4	95.8	96.0	96.2	96.4	96.4	96.4	96.7	96.7	96.7	96.7	
.1	89.9	91.9	93.6	95.3	95.4	95.8	96.2	96.4	96.5	96.5	96.5	96.8	96.8	97.0	97.0	
.1	89.9	91.9	93.7	95.4	95.8	96.2	96.2	97.0	97.3	97.4	97.4	97.8	98.0	98.4	98.4	
.1	89.9	91.9	93.7	95.7	96.0	96.4	97.2	97.4	97.6	97.9	98.0	98.4	98.6	98.9	99.1	
.1	89.9	91.9	93.7	95.7	96.0	96.4	97.2	97.4	97.6	97.9	98.0	98.4	98.6	98.9	99.1	

TOTAL NUMBER OF OBSERVATIONS

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...FAF AAF/FT LE...N ... 73-81 ... ...AR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...1945-...

...4	...4	...4	...4	...6	...7	...9	...1	...7	71.1	31.2	31.2	31.9	31.5	31....	...
...3	34.7	35.2	35.9	36.2	36.3	36.4	36.5	36.5	36.7	36.8	36.8	37.1	37.1	37.1	37.1
...3	34.7	36.2	36.8	36.3	36.4	36.5	36.7	36.7	36.8	36.9	36.9	37.2	37.2	37.4	37.4
...1	34.9	36.7	36.3	36.5	36.7	36.8	36.9	36.9	37.0	37.2	37.2	37.4	37.5	37.7	37.7
...7	37.2	38.5	38.5	38.8	38.9	39.1	39.1	39.1	39.3	39.4	39.4	39.6	39.8	39.9	39.9
...3	39.5	4...	4...9	41.1	41.2	41.4	41.5	41.5	41.6	41.7	41.7	42.0	42.1	42.2	42.2
...1	42.7	44.1	44.1	44.3	44.4	44.6	44.7	44.7	44.8	44.9	44.9	45.2	45.3	45.4	45.4
...2	43.2	44.6	44.6	44.8	44.9	45.1	45.2	45.2	45.3	45.4	45.4	45.7	45.8	45.9	45.9
...7	46.3	47.7	47.7	48.7	48.1	48.3	48.4	48.4	48.5	48.6	48.6	48.9	49.2	49.1	49.1
34....	49.9	51.2	51.2	51.6	51.7	51.9	52.1	52.1	52.1	52.2	52.2	52.5	52.6	52.7	52.7
...7	51.0	52.3	52.3	52.8	53....	53.2	53.3	53.7	53.7	53.8	53.8	54.1	54.2	54.3	54.3
...4	56.9	56.4	56.7	57.2	57.3	57.5	57.7	57.7	58.1	58.1	58.1	58.4	58.5	58.6	58.6
...5	57.8	59.4	59.6	6...2	60.4	60.6	60.7	60.9	61.2	61.3	61.3	61.7	62.0	62.1	62.1
...5	63....	64.4	64.7	65.3	65.4	65.7	65.8	65.9	66.3	66.5	66.5	66.8	67.0	67.2	67.2
1.4	67.0	67.5	68.9	69.5	69.6	7...1	70.4	7...5	7...9	71.1	71.1	71.4	71.5	71.7	71.7
...5	71.2	72.5	73.2	73.2	74.0	74.4	74.7	74.8	75.2	75.4	75.4	75.7	75.9	76....	76.1
3....	75.6	77....	77.9	78.6	78.9	79.4	79.6	79.9	8...1	8...4	8...4	8...6	8...9	81....	81....
4.6	7...4	8...6	81.6	82.3	82.6	83.1	83.5	83.6	84....	84.7	84.3	84.6	84.8	84.9	84.9
44.7	79....	81.2	82.2	83....	83.2	83.7	84.1	84.2	84.6	84.9	84.9	85.2	85.4	85.5	85.6
45.1	1.4	87.7	84.9	85.7	85.9	86.4	86.6	86.9	87.3	87.7	87.7	87.9	88.1	88.3	88.3
45.6	7.1	85.6	87.0	88.0	88.3	89.0	89.4	89.6	89.9	9...3	9...2	9...5	9...7	9...9	9...9
45.5	3.3	85.7	87.4	88.4	88.6	89.4	89.6	89.9	9...2	9...6	9...6	9...9	91.1	91.2	91.2
45.5	84.1	86.3	88.3	89.4	89.6	9...4	9...7	9...9	91.2	91.4	91.6	91.9	92.1	92.2	92.2
45.6	84.4	87.7	88.8	9...0	9...2	91.1	91.5	91.6	92....	92.3	92.3	92.6	92.8	93....	93....
45.6	84.8	87.9	89.5	9...7	91.0	91.9	92.2	92.7	92.7	93.1	93.1	93.3	93.6	93.7	93.7
45.6	84.9	88.1	9...2	91.6	91.9	92.7	93.1	93.2	93.4	94....	94.2	94.2	94.4	94.6	94.6
45.6	85.2	88.5	9...6	92.1	92.3	93.2	93.6	93.7	94.2	94.6	94.6	94.8	95.1	95.2	95.2
45.6	85.3	88.8	9...9	92.6	93....	93.3	94.2	94.7	94.8	95.2	95.2	95.4	95.7	95.8	95.8
45.6	85.3	88.9	91.0	93.0	93.3	94.2	94.8	94.9	95.4	95.8	95.8	96.2	96.4	96.7	96.7
45.6	85.3	88.9	91....	93.2	93.6	94.4	95.2	95.4	95.9	96.5	96.5	97.0	97.5	98.1	98.1
45.6	85.3	88.9	91....	93.2	93.6	94.6	95.2	95.4	95.9	96.5	96.5	97.0	97.7	98.8	99.5
45.6	85.3	88.9	91.0	93.2	93.6	94.6	95.2	95.4	95.9	96.5	96.5	97.3	97.9	99.0	100.0

...TAL NUMBER OF OBSERVATIONS ... 810

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AY AAFB/FT LEWIS, WA [illegible] 73-81 [illegible] SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	31.4	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.
[illegible]	36.2	36.9	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
[illegible]	36.5	37.5	37.5	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
[illegible]	37.7	38.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
[illegible]	39.1	39.8	39.8	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
[illegible]	41.5	42.2	42.2	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
[illegible]	44.0	44.7	44.7	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
[illegible]	44.2	44.9	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
[illegible]	47.3	48.1	48.0	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
[illegible]	49.3	50.0	50.0	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
[illegible]	51.7	52.5	52.5	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	55.8	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
52.5	57.8	58.6	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
[illegible]	62.1	63.3	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
[illegible]	68.6	69.9	70.0	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
[illegible]	74.4	76.5	77.0	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
5.4	81.0	83.1	83.5	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
87.3	86.5	88.5	89.1	9 .0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
87.7	87.5	89.3	89.9	9 .7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.6	90.7	92.6	93.3	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
5 .6	91.5	93.5	94.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
59.9	91.7	94.8	95.6	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
60.7	93.2	95.3	96.2	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
70.1	93.5	95.7	96.4	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
64.1	93.5	95.8	96.5	9 .1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
65.1	93.7	96.1	96.8	99.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
67.7	93.8	96.2	97.0	99.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
67.8	93.9	96.2	97.0	98.8	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
67.1	93.3	96.3	97.2	98.9	98.9	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
68.1	93.8	96.3	97.2	98.9	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.	93.8	96.3	97.2	98.9	98.9	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
68.1	93.8	96.3	97.2	98.9	98.9	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 [illegible] 61[illegible]

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

34.	71.1	31.1	71.1	31.1	31.1	31.1	71.1	31.1	71.1	31.1	31.1	31.1	71.1	31.1	71.1	
34.	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
34.	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
34.	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	
35.	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
35.	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
35.	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	
35.	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
35.	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
35.	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	51.6	51.6	
35.	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
35.	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	
35.	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
35.	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
35.	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
35.	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
35.	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
67.	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	97.3	97.3	
67.	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
67.	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
67.	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	98.6	
67.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
67.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
67.4	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	99.9	
6 .4	97.	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.0	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.0	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	
67.4	97.0	98.6	99.6	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	100.	

TOTAL NUMBER OF OBSERVATIONS _____

2

…AL CLIMATOLOGY BRANCH
…ETAC
…STATION… SERVICE/MAC

CEILING VERSUS VISIBILITY

…AAF/FT LE… 73-81 … AB…

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
[illegible]	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
41.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
[illegible]	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
43.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
44.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
[illegible]	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	51.6	51.6
[illegible]	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
[illegible]	55.3	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
[illegible]	56.9	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
[illegible]	58.5	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
[illegible]	64.1	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
[illegible]	66.2	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
[illegible]	[illegible]	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
[illegible]	80.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	87.0	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
[illegible]	91.2	92.[illegible]	93.0	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
[illegible]	94.1	96.[illegible]	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	94.8	96.9	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
[illegible]	95.8	98.[illegible]	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
[illegible]	96.3	98.8	99.3	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.3	98.8	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 61[illegible]

...AL CLIMATOLOGY BRANCH
...TAC
A... ...ATHER SERVICE /MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS WA 73-81 ... AR...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ...0-2200

...1	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
52.5	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
53.5	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	49.1	49.1	49.1	49.1	49.1
54.1	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
55.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
55.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
57.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
57.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
59.5	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
60.0	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.0	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
63.3	70.9	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
64.6	73.5	74.	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	74.
65.3	78.6	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
67.5	83.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
68.4	88.0	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6
69.4	9 .9	92.6	92.5	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	92.8	92.8
69.6	94.7	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
69.9	95.3	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5
69.9	96.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5
69.9	96.5	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
69.9	96.5	98.6	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
69.9	96.5	98.6	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
69.9	96.5	98.6	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
69.9	96.7	98.8	98.8	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
69.9	96.7	98.8	98.8	98.9	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
69.9	96.7	98.8	98.8	98.9	99.1	99.3	99.5	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ____ 81...

...DAF FORM ... PREVIOUS EDITIONS ARE OBSOLETE ...

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE /MAC

CEILING VERSUS VISIBILITY

[illegible] MAY AAF/ET LE[illegible]IS AA 73-81 ABQ

PERCENTAGE FREQUENCY OF OCCURRENCE 2100-2300
FROM HOURLY OBSERVATIONS

[illegible]	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
10.[illegible]	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
11.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
11.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
11.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
11.9	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
12.2	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
12.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
12.[illegible]	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
12.7	63.7	64.[illegible]	64.[illegible]	64.0	64.0	64.0	64.0	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]	64.[illegible]
12.7	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
13.2	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
13.7	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
14.7	81.[illegible]	81.4	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
15.6	85.3	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
15.6	89.3	89.9	89.9	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
15.6	93.6	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
15.6	95.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
15.6	96.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
15.6	96.5	97.5	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
15.6	97.1	98.1	98.4	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
15.6	97.1	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
15.6	97.0	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
15.6	97.0	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
15.6	97.2	98.1	98.6	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
15.6	97.4	99.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
15.6	97.5	98.5	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
15.6	97.7	98.6	99.1	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
15.6	97.7	98.7	99.1	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
15.6	97.7	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
15.6	97.7	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
15.6	97.7	98.6	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]

2

CEILING VERSUS VISIBILITY

[illegible] DAY MAP/FT [illegible] 73-81 [illegible] AE

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible].9	36.5	36.9	37.0	37.1	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4
2.3	42.7	43.1	43.2	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7
2[illegible].3	43.3	43.7	43.8	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.3	44.3	44.4	44.4
27.[illegible]	43.7	44.1	44.2	44.4	44.4	44.5	44.5	44.6	44.6	44.6	44.6	44.7	44.7	44.8	44.8
24.[illegible]	45.[illegible]	45.4	45.5	45.7	45.7	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.1
2[illegible].5	47.1	47.5	47.7	47.8	47.8	47.9	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2
3[illegible].7	49.8	50.2	50.3	50.5	50.5	50.6	50.6	50.7	50.7	50.8	50.8	50.9	50.9	50.9	50.9
3[illegible].[illegible]	[illegible].5	51.3	51.0	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.6
5[illegible].0	53.4	53.8	54.[illegible]	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6
5[illegible].7	55.5	56.0	56.1	56.3	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.7
57.4	57.1	57.7	57.8	58.0	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.4	58.4	58.5	58.5
[illegible]1.3	62.7	63.3	63.5	63.8	63.8	63.9	64.0	64.[illegible]	64.1	64.1	64.1	64.2	64.2	64.2	64.2
[illegible]2.1	65.5	66.[illegible]	66.4	66.6	66.6	66.7	66.8	66.[illegible]	67.[illegible]	67.[illegible]	67.[illegible]	67.1	67.1	67.[illegible]	67.2
68.[illegible]	[illegible].4	71.2	71.4	71.7	71.7	71.8	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.3	72.3
3[illegible].[illegible]	76.[illegible]	77.1	77.4	77.7	77.7	77.[illegible]	78.0	78.[illegible]	78.1	78.2	78.2	78.3	78.[illegible]	78.[illegible]	78.3
[illegible].3	[illegible].2	83.4	83.7	84.0	84.1	84.2	84.3	84.4	84.5	84.5	84.5	84.6	84.7	84.7	84.7
86.2	86.2	87.6	88.1	88.5	88.6	88.8	88.9	88.9	89.[illegible]	89.1	89.1	89.2	89.[illegible]	89.[illegible]	89.[illegible]
4[illegible].1	[illegible].7	91.[illegible]	91.9	92.4	92.5	92.7	92.8	92.[illegible]	93.[illegible]	93.[illegible]	93.[illegible]	93.1	93.1	93.2	93.2
4[illegible].1	[illegible].4	92.[illegible]	92.7	93.1	93.2	93.4	93.5	93.[illegible]	93.7	93.7	93.7	93.8	93.9	93.9	93.9
4[illegible].3	[illegible].9	93.[illegible]	94.3	94.8	94.9	95.1	95.2	95.[illegible]	95.3	95.4	95.4	95.5	95.[illegible]	95.6	95.6
4[illegible].[illegible]	92.6	94.4	95.1	95.[illegible]	95.8	96.[illegible]	96.2	96.[illegible]	96.3	96.4	96.4	96.5	96.[illegible]	96.[illegible]	96.[illegible]
47.4	92.9	94.[illegible]	95.5	96.2	96.3	96.5	96.6	96.7	96.[illegible]	96.[illegible]	96.[illegible]	96.9	97.[illegible]	97.[illegible]	97.[illegible]
48.4	93.1	95.1	95.8	96.5	96.6	96.8	96.9	97.[illegible]	97.1	97.2	97.2	97.3	97.[illegible]	97.[illegible]	97.[illegible]
48.4	93.3	95.[illegible]	96.1	96.8	96.9	97.1	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.7
4[illegible].4	93.5	95.[illegible]	96.4	97.1	97.2	97.4	97.6	97.6	97.7	97.8	97.8	97.9	97.[illegible]	98.[illegible]	98.[illegible]
4[illegible].4	93.7	95.[illegible]	96.7	97.4	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3
4[illegible].4	93.8	95.9	96.8	97.6	97.7	98.[illegible]	98.2	98.3	98.4	98.4	98.4	98.5	98.6	98.6	98.6
4[illegible].4	93.8	96.[illegible]	96.9	97.7	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.8	98.8	98.8
4[illegible].4	93.8	96.[illegible]	96.9	97.8	97.9	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	99.[illegible]	99.[illegible]
4[illegible].4	93.8	96.[illegible]	96.9	97.9	98.[illegible]	98.4	98.7	98.8	96.9	99.[illegible]	99.[illegible]	99.2	99.3	99.5	99.5
4[illegible].4	93.8	96.[illegible]	96.9	97.9	98.[illegible]	98.4	98.7	98.8	99.[illegible]	99.1	99.1	99.4	99.5	99.8	99.8
4[illegible].4	93.8	96.[illegible]	96.9	97.9	98.[illegible]	98.4	98.7	98.8	99.[illegible]	99.1	99.1	99.4	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5433

[illegible]

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

12.4	48.	48.	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	
12.4	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
12.4	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
12.4	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
12.4	52.2	52.	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
12.4	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
12.4	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
12.4	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
12.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
13.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
13.	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
13.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
13.9	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
14.1	79.1	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
14.1	84.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
14.2	87.7	88.4	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
14.2	91.3	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
14.3	93.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
14.3	94.3	95.3	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
14.3	96.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
14.3	97.5	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
14.3	97.6	99.	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
14.3	97.6	99.	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
14.3	97.7	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.3	97.7	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
14.3	97.7	99.2	99.6	99.9	99.91	00.0100	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.

TOTAL NUMBER OF OBSERVATIONS 577

2

CEILING VERSUS VISIBILITY

[illegible] CLIMATOLOGY BRANCH
[illegible] SERVICE/MAC

[illegible] SAT/PT LEAVE [illegible] 73-01 [illegible]

[illegible] PERCENT [illegible] FREQUENCY OF OCCURRENCE [illegible] 1100- 2200
[illegible] NUMBER OF OBSERVATIONS

.2	31.6	34.9	36.9	38.1	38.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	[illegible]	[illegible]
.4	43.5	43.9	43.8	44.0	44.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	[illegible]
.	43.7	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	[illegible]
.6	44.1	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	[illegible]
1.1	44.6	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	[illegible]
1.	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	[illegible]
2.	48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	[illegible]
20.	49.7	49.7	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	[illegible]
.	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	[illegible]
.1	53.6	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	[illegible]
.	55.7	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	[illegible]
.3	59.4	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	[illegible]	
.7	63.7	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	[illegible]	
.1	68.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	[illegible]	
.7	75.4	76.4	76.6	76.8	76.8	76.8	76.9	76.9	76.9	76.9	77.1	77.1	77.2	77.2	77.2	[illegible]
.9	1.2	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.2	83.2	83.3	83.3	83.3	[illegible]	
.1	5.4	87.1	87.1	87.2	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	
.3	88.3	90.3	90.3	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	91.1	91.1	91.1	[illegible]	
.5	89.7	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.4	92.4	92.5	92.5	92.5	[illegible]
.	92.2	94.7	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.5	95.5	95.5	[illegible]
1.2	94.4	97.1	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.0	[illegible]
1.7	94.9	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.6	98.6	98.6	[illegible]
1.3	94.9	97.7	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	[illegible]
1.3	95.1	98.0	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	[illegible]
1.7	95.2	98.2	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.9	98.9	99.0	99.	99.	99.	
1.7	95.5	98.4	98.6	98.9	98.9	98.9	99.0	99.	99.	99.2	99.2	99.3	99.3	99.3	99.3	[illegible]
1.7	95.6	98.8	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	[illegible]
1.3	95.6	98.8	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	[illegible]
1.7	95.6	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	[illegible]
1.3	95.8	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	[illegible]
1.7	95.8	98.8	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	[illegible]
1.3	95.8	98.8	98.9	99.3	99.3	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	100.0	100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 837

AL CLIMATOLOGY BRANCH
2 [illegible]

CEILING VERSUS VISIBILITY

[illegible] FEET AND STATUTE MILES [illegible]

[illegible] FREQUENCY OF OCCURRENCE
[illegible] OBSERVATIONS

.7	30.1	31.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
34.1	34.2	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9
34.9	34.9	35.3	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
36.3	36.4	36.4	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0
37.0	37.0	37.4	37.6	37.6	37.6	37.6	37.8	37.8	37.8	37.9	38.1	38.1	38.2	38.2	38.2	38.2	38.2
38.2	38.2	39.4	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.9	40.1	40.1	40.3	40.3	40.4	40.4	40.4
40.4	40.4	42.5	43.1	43.1	43.4	43.4	43.4	43.4	43.4	43.5	43.7	43.7	43.8	43.8	44.0	44.0	44.0
44.0	44.0	44.2	44.3	44.6	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
44.9	44.9	46.5	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.2	49.5	49.5	49.6	49.6	49.7	49.7	49.7
49.7	49.7	49.1	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.7	49.9	49.9	50.1	50.1	50.2	50.2	50.2
50.2	50.2	51.4	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.1	52.2	52.2	52.4	52.4	52.6	52.6	52.6
52.6	52.6	55.6	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6
56.6	56.6	58.2	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.9	59.1	59.1	59.3	59.4	59.4	59.4	59.4
59.4	59.4	66.1	66.4	66.7	67.0	67.0	67.0	67.0	67.0	67.1	67.4	67.4	67.5	67.5	67.6	67.6	67.6
67.6	67.6	71.9	72.4	72.8	73.1	73.2	73.2	73.4	73.4	73.6	73.8	73.8	74.0	74.1	74.1	74.1	74.1
74.1	74.1	76.3	76.7	76.7	77.2	77.3	77.3	77.4	77.4	77.7	77.9	77.9	78.1	78.2	78.1	78.1	78.1
78.1	78.1	82.9	83.5	83.9	84.3	84.5	84.5	84.6	84.6	84.8	85.1	85.1	85.2	85.2	85.2	85.2	85.2
85.2	85.2	86.3	86.7	87.1	87.6	87.7	87.7	87.8	87.8	88.1	88.3	88.3	88.4	88.4	88.5	88.5	88.5
88.5	88.5	87.0	87.7	88.1	88.5	88.6	88.6	88.8	88.8	89.	89.0	89.0	89.2	89.4	89.4	89.5	89.5
89.5	89.5	89.6	91.4	91.8	91.8	91.9	92.0	92.1	92.1	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8
92.8	92.8	91.5	92.1	93.0	93.7	93.9	94.0	94.1	94.1	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8
94.8	94.8	92.1	93.2	94.2	94.7	95.0	95.1	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
95.9	95.9	92.4	93.4	94.3	95.0	95.3	95.5	95.7	95.7	95.9	96.0	96.2	96.2	96.3	96.3	96.4	96.4
96.4	96.4	92.7	93.8	94.6	95.3	95.6	95.9	96.2	96.2	96.4	96.7	96.7	96.8	96.8	96.9	96.9	96.9
96.9	96.9	93.2	94.3	95.1	95.9	96.4	96.5	96.8	96.8	97.0	97.3	97.3	97.4	97.4	97.5	97.5	97.5
97.5	97.5	93.3	94.4	95.3	96.3	96.8	97.1	97.4	97.4	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1
98.1	98.1	93.4	94.5	95.5	96.4	97.1	97.4	97.6	97.6	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2
98.2	98.2	93.4	94.5	95.5	96.5	97.3	97.6	98.0	98.0	98.2	98.6	98.6	98.7	98.7	98.8	98.8	98.8
98.8	98.8	93.4	94.5	95.5	96.5	97.3	97.7	98.1	98.1	98.6	98.9	98.9	99.0	99.1	99.4	99.4	99.4
99.4	99.4	93.4	94.5	95.5	96.5	97.3	97.7	98.1	98.1	98.6	99.0	99.1	99.3	99.3	99.6	99.6	99.6
99.6	99.6	93.4	94.5	95.5	96.5	97.3	97.7	98.1	98.2	98.7	99.1	99.2	99.4	99.4	99.6	99.6	99.6
99.6	99.6	93.4	94.5	95.5	96.5	97.3	97.7	98.1	98.2	98.7	99.2	99.2	99.4	99.6	99.6	99.6	100.

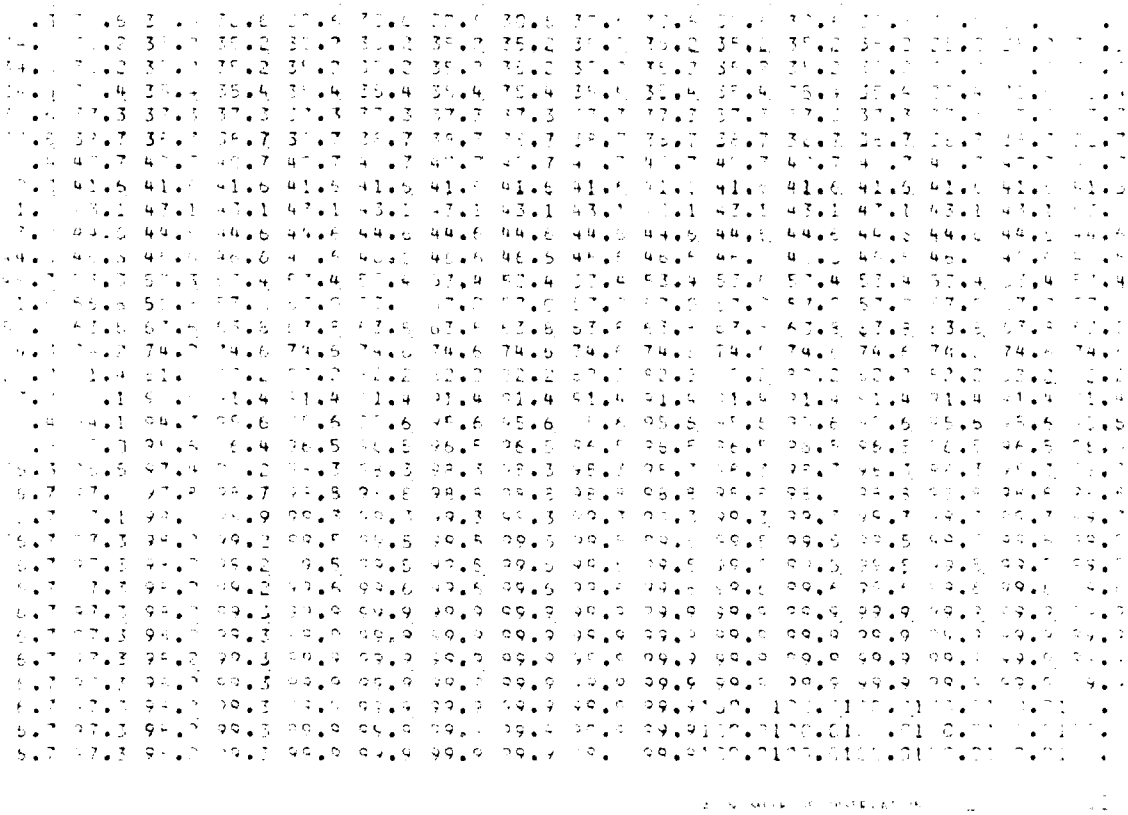
[illegible] NUMBER OF OBSERVATIONS = 777

2

CEILING VERSUS VISIBILITY

2

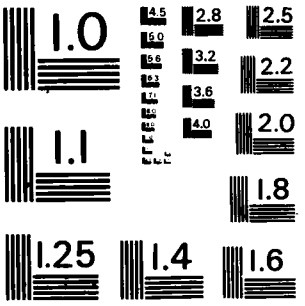
CEILING VERSUS VISIBILITY



AD-A128 112 GRAY AAF/FORT LEWIS WASHINGTON REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 14 DEC 82

UNCLASSIFIED USAFETAC/DS-82/062 SBI-AD-E850 362 F/G 4/2 NL

3/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

GRAY AAF/FT LEWIS WA | 73-81 | MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
	41.3	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
	41.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
	41.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
	42.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
	43.5	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	45.4	45.4	45.4
	46.0	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
	46.5	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
	49.1	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	51.6	51.6
	50.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
	53.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
	57.8	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	58.8	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	64.9	73.6	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
	70.1	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	72.6	89.5	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	90.0
	74.7	94.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
	75.4	96.2	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	75.4	96.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
	75.4	97.5	98.6	98.8	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
	75.4	97.6	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	75.4	97.7	98.8	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
	75.4	97.7	98.8	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
	75.4	97.7	98.8	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
	75.4	97.7	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	75.4	97.7	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	75.4	97.7	98.8	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	75.4	97.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	75.4	97.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	75.4	97.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	75.4	97.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	75.4	97.7	98.8	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
	43.9	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
	45.2	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
	46.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
	46.2	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	46.6	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
	47.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	49.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
	49.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
	51.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
	53.5	6 .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	62.7
	54.8	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	57.5	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
	59.8	73.5	73.7	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
	62.4	80.2	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
	65.1	87.9	88.5	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	66.1	92.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	67.1	94.9	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	67.5	96.4	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	67.5	96.5	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	67.5	97.0	98.2	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	67.5	97.4	98.6	99.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	67.5	97.4	98.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	67.5	97.4	98.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	67.5	97.4	98.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	67.5	97.4	98.6	99.0	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	67.5	97.4	98.6	99.0	99.9	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 837

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING VERSUS VISIBILITY

CEILING (FEET)	≥ 0	≥ 1/4	≥ 1/2	≥ 3/4	≥ 1	≥ 1 1/4	≥ 1 1/2	≥ 1 3/4	≥ 2	≥ 2 1/2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7
≥ 22000	18.5	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 20000	19.8	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	20.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 17000	20.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 16000	20.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
≥ 15000	20.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 14000	20.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 13000	21.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 12000	22.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 11000	23.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 10000	23.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 9000	24.0	74.3	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000	24.4	78.2	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 7000	25.1	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	25.2	87.5	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 5000	25.3	91.5	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	25.3	93.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 4000	25.4	95.0	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	25.4	95.3	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	25.4	96.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2500	25.4	97.3	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2000	25.4	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1800	25.4	97.6	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1500	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	25.4	97.6	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	25.4	97.6	99.5	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	25.4	97.6	99.5	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	25.4	97.6	99.5	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	25.4	97.6	99.5	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	25.4	97.6	99.5	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	25.4	97.6	99.5	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	25.4	97.6	99.5	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 837

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

74-070 GRAY AAF/FT LEWIS WA 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	28	26	24	22	20	18	16	14	12	10	9	8	7	6	5	4	3
25000	26.7	38.4	38.4	38.4	39.5	39.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
22000	29.7	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2
20000	29.9	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
18000	30.0	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
16000	30.7	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5
14000	31.6	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
12000	33.1	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.5
11000	33.6	48.8	49.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1
10000	35.5	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6
9000	36.4	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
8000	37.6	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8
7000	40.2	61.6	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1
6000	41.5	65.0	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.5
5000	44.7	71.5	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3
4500	48.2	78.9	79.5	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
4000	50.1	84.3	85.1	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7
3500	51.9	89.5	90.5	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2
3000	53.1	92.4	93.6	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
2500	53.2	93.1	94.3	94.5	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
2200	53.5	94.9	96.3	96.6	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
2000	53.8	95.9	97.3	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
1800	53.9	96.3	97.8	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1600	53.9	96.4	97.8	98.3	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
1400	53.9	96.4	98.0	98.5	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
1200	53.9	96.6	98.1	98.6	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1000	53.9	96.6	98.1	98.7	99.2	99.3	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
900	53.9	96.7	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
800	53.9	96.7	98.2	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
700	53.9	96.7	98.2	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
600	53.9	96.7	98.2	98.8	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
500	53.9	96.7	98.2	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
400	53.9	96.7	98.2	98.8	99.3	99.5	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
NO CEILING	14.2	48.4	48.4	48.4	48.4	48.4	48.5	48.6	48.6	48.6	48.9	48.9	49.0	49.0	49.1	49.1
≥ 20000	14.3	49.4	49.4	49.4	49.4	49.4	49.5	49.6	49.6	49.6	49.9	49.9	50.0	50.0	50.1	50.1
≥ 18000	14.4	49.5	49.5	49.5	49.5	49.5	49.6	49.8	49.8	49.8	50.0	50.0	50.1	50.1	50.2	50.2
≥ 16000	14.4	49.5	49.5	49.5	49.5	49.5	49.6	49.8	49.8	49.8	50.0	50.0	50.1	50.1	50.2	50.2
≥ 14000	14.6	49.8	49.8	49.8	49.8	49.8	49.9	50.0	50.0	50.0	50.2	50.2	50.4	50.4	50.5	50.5
≥ 12000	14.8	51.0	51.[illegible]	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.5	51.5	51.6	51.6	51.7	51.7
≥ 11000	15.2	52.3	52.3	52.6	52.6	52.6	52.7	52.8	52.8	52.8	53.1	53.1	53.2	53.2	53.3	53.3
≥ 10000	15.2	52.3	52.3	52.6	52.6	52.6	52.7	52.8	52.8	52.8	53.1	53.1	53.2	53.2	53.3	53.3
≥ 9000	15.9	54.4	54.4	54.7	54.7	54.7	54.8	54.9	54.9	54.9	55.2	55.2	55.3	55.3	55.4	55.4
≥ 8000	16.4	55.7	55.7	55.9	55.9	55.9	56.0	56.2	56.2	56.2	56.4	56.4	56.5	56.5	56.7	56.7
≥ 7000	16.7	56.7	56.8	57.0	57.0	57.0	57.2	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.8	57.8
≥ 6000	17.3	62.0	62.1	62.3	62.3	62.3	62.5	62.6	62.6	62.6	62.8	62.8	63.0	63.0	63.1	63.1
≥ 5000	17.2	65.9	66.[illegible]	66.3	66.3	66.3	66.4	66.5	66.5	66.5	66.8	66.8	66.9	66.9	67.0	67.0
≥ 4500	17.5	73.1	73.3	73.6	73.6	73.6	73.7	73.8	73.8	73.8	74.1	74.1	74.2	74.2	74.3	74.3
≥ 4000	17.9	78.1	78.4	78.6	78.6	78.6	78.8	78.9	78.9	78.9	79.1	79.1	79.3	79.3	79.4	79.4
≥ 3500	18.0	81.4	81.6	81.9	82.0	82.0	82.1	82.2	82.2	82.2	82.5	82.5	82.6	82.6	82.7	82.7
≥ 3000	18.1	86.8	87.2	87.4	87.7	87.7	87.8	87.9	87.9	87.9	88.1	88.1	88.3	88.3	88.4	88.4
≥ 2500	18.4	91.0	91.4	91.6	92.1	92.1	92.2	92.3	92.3	92.3	92.6	92.6	92.7	92.7	92.8	92.8
≥ 2000	18.5	92.2	92.6	92.8	93.3	93.3	93.5	93.6	93.6	93.6	93.8	93.8	94.0	94.0	94.1	94.1
≥ 1800	18.5	94.6	94.9	95.3	95.9	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.5	96.5	96.7	96.7
≥ 1500	18.5	95.3	95.7	96.0	96.7	96.8	96.9	97.0	97.0	97.0	97.3	97.3	97.4	97.4	97.5	97.5
≥ 1200	18.5	96.4	96.8	97.2	97.9	98.0	98.1	98.3	98.3	98.3	98.5	98.5	98.6	98.6	98.8	98.8
≥ 1000	18.5	96.8	97.2	97.5	98.4	98.5	98.6	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.3	99.3
≥ 900	18.5	96.8	97.2	97.5	98.4	98.5	98.6	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.3	99.3
≥ 800	18.5	96.8	97.2	97.5	98.4	98.5	98.6	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.3	99.3
≥ 700	18.5	96.9	97.3	97.7	98.5	98.6	98.8	98.9	98.9	98.9	99.1	99.1	99.3	99.3	99.4	99.4
≥ 600	18.5	96.9	97.3	97.7	98.5	98.6	98.9	99.1	99.1	99.1	99.4	99.4	99.5	99.5	99.6	99.6
≥ 500	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 400	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 300	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0
0	18.6	97.0	97.4	97.8	98.6	98.8	99.3	99.5	99.5	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2500

VISIBILITY STATUTE MILES

CEILING FEET	≥7	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
[illegible]	23.2	37.5	37.8	37.9	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.3	38.3
20000	25.1	39.9	40.1	40.2	40.2	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6
[illegible]	25.1	39.9	40.1	40.2	40.2	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.6
[illegible]	25.2	40.0	40.2	40.4	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
[illegible]	25.4	40.2	40.5	40.6	40.6	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0
[illegible]	25.9	41.1	41.4	41.5	41.5	41.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9
[illegible]	26.4	42.3	42.6	42.7	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1
[illegible]	26.4	42.3	42.6	42.7	42.7	42.7	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1
[illegible]	27.4	45.3	45.6	45.7	45.7	45.7	45.8	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0
[illegible]	28.3	47.2	47.4	47.5	47.5	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9
[illegible]	28.6	48.9	49.1	49.3	49.3	49.3	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6
[illegible]	30.6	53.7	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.4
[illegible]	31.9	57.2	57.5	57.7	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0
[illegible]	33.5	62.7	63.5	63.6	63.6	63.6	63.7	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
[illegible]	35.6	68.9	69.8	69.9	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4
[illegible]	36.2	73.8	74.9	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6
[illegible]	36.8	78.3	79.4	79.5	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1
[illegible]	38.0	85.2	86.3	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.2	87.3	87.3
[illegible]	38.1	86.5	87.8	87.9	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.6	88.8	88.8
[illegible]	38.5	88.5	89.9	90.0	90.4	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.9	91.2	91.2
[illegible]	38.6	91.1	92.5	92.6	93.0	93.1	93.3	93.5	93.5	93.5	93.5	93.5	93.6	93.7	93.7
[illegible]	38.6	92.8	94.2	94.3	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.4	95.4
[illegible]	38.6	93.2	94.6	94.7	95.1	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.8	95.8
[illegible]	38.6	94.0	95.3	95.4	96.0	96.2	96.4	96.5	96.5	96.7	96.7	96.7	96.8	96.9	96.9
[illegible]	38.6	94.1	95.4	95.6	96.2	96.3	96.5	96.8	96.8	96.9	96.9	96.9	97.0	97.2	97.2
[illegible]	38.6	94.3	95.9	96.0	96.7	96.8	97.0	97.4	97.4	97.5	97.7	97.7	97.8	98.0	98.0
[illegible]	38.6	94.6	96.2	96.3	96.9	97.0	97.5	97.9	97.9	98.0	98.3	98.3	98.4	98.6	98.6
[illegible]	38.6	94.8	96.4	96.5	97.2	97.4	98.4	98.8	98.8	98.9	99.1	99.1	99.3	99.5	99.5
[illegible]	38.6	94.8	96.4	96.5	97.2	97.4	98.5	98.9	98.9	99.1	99.4	99.4	99.5	99.8	99.8
[illegible]	38.6	94.9	96.5	96.7	97.3	97.5	98.6	99.0	99.0	99.3	99.6	99.6	99.8	100.0	100.0
[illegible]	38.6	94.9	96.5	96.7	97.3	97.5	98.6	99.0	99.0	99.3	99.6	99.6	99.8	100.0	100.0
[illegible]	38.6	94.9	96.5	96.7	97.3	97.5	98.6	99.0	99.0	99.3	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

GRAY AAF/FT LEWIS WA — 73-81 — JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-1800

VISIBILITY STATUTE MILES

CEILING	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	¾	½
	32.6	32.6	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
	34.9	36.9	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
	34.8	36.9	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
	34.8	36.9	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
14000	35.6	37.8	38.1	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	36.7	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	38.4	40.7	41.1	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	38.5	41.0	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
	40.0	43.1	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
	41.7	45.2	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
	42.5	46.2	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
	45.6	50.1	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
	46.8	52.5	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
	51.2	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
	54.2	63.3	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	55.7	66.4	66.9	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
	58.0	72.3	73.0	73.6	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	62.3	79.3	80.1	80.7	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
1500	63.0	80.4	81.4	82.0	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
1500	64.3	84.9	86.0	86.7	87.3	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
	64.8	87.3	88.5	89.1	89.8	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	65.3	89.1	90.4	91.1	91.7	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	65.3	89.9	91.1	91.9	92.5	92.6	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	65.3	90.9	92.1	92.8	93.5	93.6	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
	65.3	91.2	92.7	93.5	94.1	94.2	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	65.4	91.7	93.5	94.3	95.3	95.4	96.0	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
	65.4	91.7	93.5	94.3	95.3	95.4	96.3	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9
	65.4	91.7	94.0	94.9	95.9	96.0	97.7	98.0	98.0	98.4	98.4	98.4	98.5	98.5	98.6	98.6
	65.4	91.7	94.0	94.9	96.2	96.3	97.9	98.5	98.6	99.0	99.0	99.0	99.1	99.1	99.4	99.4
	65.4	91.7	94.0	94.9	96.3	96.4	98.0	98.6	98.9	99.3	99.3	99.3	99.5	99.5	100.0	100.0
	65.4	91.7	94.0	94.9	96.3	96.4	98.0	98.6	98.9	99.3	99.3	99.3	99.5	99.5	100.0	100.0
	65.4	91.7	94.0	94.9	96.3	96.4	98.0	98.6	98.9	99.3	99.3	99.3	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

74770 GRAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

USB IN STATUTE MILES

CEILING IN FEET	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
	29.8	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
	32.7	33.6	34.1	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
	33.1	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
	33.2	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
400	34.3	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
500	35.9	36.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
600	36.9	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
700	37.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
800	39.0	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
900	39.9	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
1000	40.9	42.8	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
1100	43.8	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1200	45.6	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
1400	49.1	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
1600	54.4	60.1	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
1800	58.6	65.7	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
2000	65.3	75.1	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
2500	69.5	82.2	83.3	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
3000	70.4	84.1	85.2	85.6	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
3500	73.5	90.2	91.5	92.0	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4000	74.1	92.1	93.3	93.8	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
4500	74.3	93.6	95.1	95.6	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
5000	74.3	94.3	95.8	96.3	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
6000	74.3	94.4	96.1	96.5	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
7000	74.3	94.6	96.5	97.2	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
8000	74.3	94.8	96.9	97.7	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
9000	74.3	94.8	96.9	97.7	98.6	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
10000	74.3	94.8	96.9	97.7	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
12000	74.3	94.9	97.0	97.8	98.8	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
15000	74.3	94.9	97.0	97.8	98.8	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
20000	74.3	94.9	97.0	97.8	98.8	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
UNLIMITED	74.3	94.9	97.0	97.8	98.8	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	32.5	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
	40.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
	41.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
	41.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
400	41.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
	42.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
	44.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
	45.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
900	47.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
	49.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
	49.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
	53.6	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
450	54.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
500	58.8	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
600	66.8	74.0	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
700	71.7	80.9	81.1	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
800	75.2	87.4	87.7	87.9	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
900	77.2	91.7	92.1	92.3	92.7	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
1000	78.3	93.2	93.8	94.1	94.4	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1100	79.1	95.7	96.4	96.7	97.0	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1200	79.3	96.9	97.9	98.1	98.6	98.9	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1300	79.3	96.9	97.9	98.1	98.6	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1400	79.3	96.9	97.9	98.1	98.6	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
1500	79.3	97.0	98.0	98.3	98.8	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
1600	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1700	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1800	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1900	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2000	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2200	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2400	79.3	97.4	98.4	98.6	99.3	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] 0-14-5 (GL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

[illegible]	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
[illegible]	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	47.3	47.3	47.3	47.3
[illegible]	45.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
[illegible]	45.9	48.0	48.1	48.0	48.0	48.1	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
[illegible]	46.9	49.1	49.1	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
[illegible]	48.8	51.0	51.1	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
[illegible]	50.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
[illegible]	51.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
[illegible]	53.6	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
[illegible]	56.3	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
[illegible]	57.8	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
[illegible]	62.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
[illegible]	64.2	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
[illegible]	68.1	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
[illegible]	74.7	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
[illegible]	78.1	89.6	90.1	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
[illegible]	79.4	93.6	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	80.1	95.8	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
[illegible]	80.5	96.4	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible]	80.7	97.4	98.1	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible]	80.7	97.5	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	80.7	97.5	98.4	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	80.7	97.5	98.4	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible]	80.7	97.5	98.4	98.5	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	80.7	97.5	98.4	98.6	99.3	99.4	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 810

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] MAY AAF/FT LEWIS WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

00-2000

	42.5	46.[illegible]	46.[illegible]	46.0	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.		46.5
	48.9	53.[illegible]	53.[illegible]	53.0	53.2	53.3	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.[illegible]	.5	53.5
	49.3	53.3	53.3	53.3	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
	49.4	53.5	53.5	53.5	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
	51.1	55.6	55.6	55.6	55.8	55.9	56.[illegible]	56.0	56.[illegible]	56.0	56.0	56.0	56.0	56.0	56.[illegible]	56.0
	53.2	57.8	57.8	57.8	58.0	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	55.8	60.9	60.9	60.9	61.1	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
	56.5	62.1	62.1	62.1	62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
	58.9	64.9	64.9	64.9	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
	62.2	68.3	68.3	68.3	68.5	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
	63.3	69.4	69.4	69.4	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
	68.3	76.9	76.9	76.9	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
	70.0	79.0	79.0	79.0	79.3	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
	73.8	84.6	84.6	84.7	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	74.9	87.7	87.8	87.9	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
	76.9	91.1	91.2	91.4	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	79.3	94.6	94.8	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	78.6	95.8	96.2	96.4	96.8	96.9	97.[illegible]	97.0	97.[illegible]	97.2	97.2	97.2	97.2	97.2	97.2	97.2
	78.9	96.3	96.7	96.9	97.3	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	78.9	96.7	97.0	97.4	97.8	97.9	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.[illegible]	98.3	98.3
	78.9	96.7	97.3	97.8	98.4	98.5	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.[illegible]	99.3
	78.9	96.7	97.3	97.8	98.5	98.6	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	78.9	96.7	97.3	97.8	98.5	98.6	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	78.9	96.8	97.4	97.9	98.6	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	78.9	96.8	97.4	97.9	98.6	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	99.9	99.9	99.9	99.9
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0
	78.9	96.8	97.5	98.0	98.8	98.9	99.5	99.5	99.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MAY AAF/FT LE[illegible]TS AA 73-81 [illegible] JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0100-2300

27.1	51.1	51.1	51.2	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
54.4	53.3	54.0	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.1	54.2	54.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
54.1	54.2	54.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
55.6	55.7	55.8	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.2	56.9	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
58.1	59.4	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
58.2	59.4	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
62.4	62.2	62.3	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
65.6	65.6	65.7	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
66.9	67.5	67.7	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
71.1	72.1	72.1	72.2	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
77.7	77.5	77.7	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
81.2	81.2	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
86.2	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
89.1	89.6	89.9	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
93.3	93.7	94.1	94.3	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
93.5	95.6	95.9	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
93.5	96.2	96.5	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
93.5	97.0	97.5	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
93.5	97.3	97.9	98.1	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
93.5	97.4	98.1	98.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
93.5	97.5	98.1	98.4	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
93.5	97.5	98.2	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.5	97.5	98.3	98.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
93.5	97.5	98.4	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
93.5	97.5	98.4	98.6	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
93.5	97.5	98.4	98.6	99.5	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
93.5	97.5	98.4	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.5	97.5	98.4	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.5	97.5	98.4	98.6	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
93.5	97.5	98.4	98.6	99.5	99.6	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 81[illegible]

USAF ETA [illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS, WA 73-81 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.3	39.9	40.1	40.1	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
3.2	44.5	44.6	44.7	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
3.9	44.8	44.9	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
33.5	44.9	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3
34.4	45.3	46.0	46.1	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
35.5	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	47.8	47.8
36.3	49.2	49.3	49.4	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
37.2	49.7	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
38.7	52.2	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7
.3	54.3	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8
1.3	55.8	56.	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
44.3	60.9	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4
47.3	63.8	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
48.1	65.2	69.5	69.6	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
1.4	75.2	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3.5	79.8	80.2	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8
5.6	85.2	85.7	86.0	86.2	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5	86.5
87.2	89.6	90.2	90.5	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
87.6	9 .7	91.4	91.6	92.0	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
88.4	93.1	93.9	94.3	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
88.5	94.3	95.2	95.5	96.0	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.6	96.6
88.6	95.1	96.0	96.4	96.9	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
88.6	95.4	96.3	96.7	97.2	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9
88.6	95.6	96.6	96.9	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.3	98.3
88.6	95.7	96.9	97.2	97.8	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
88.7	95.9	97.0	97.5	98.2	98.4	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
88.7	96.0	97.1	97.5	98.3	98.5	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3
88.7	96.0	97.2	97.6	98.4	98.6	99.2	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7
88.7	96.0	97.2	97.6	98.4	98.7	99.3	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
88.7	96.0	97.2	97.6	98.5	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
88.7	96.0	97.2	97.6	98.5	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
88.7	96.0	97.2	97.6	98.5	98.7	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6480

...L CLIMATOLOGY BRANCH
...ETAC
2 A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...GRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-2300

17.8	58.2	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
18.1	59.9	60.2	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
18.1	60.2	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
18.2	61.6	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
19.3	60.9	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
19.3	61.9	62.2	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
19.3	63.0	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
19.5	63.8	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
19.6	66.7	67.0	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
19.1	68.7	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
19.1	69.9	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
19.2	74.3	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
19.6	77.5	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
20.1	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
20.7	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
20.8	88.1	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
20.8	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
20.8	92.1	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
20.8	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
20.8	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
20.8	95.9	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
20.9	97.7	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
20.9	98.1	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
20.9	98.1	98.6	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	99.2
20.9	98.6	99.1	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	99.6
20.9	98.8	99.3	99.8	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
20.9	98.9	99.4	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	100.0
20.9	98.9	99.4	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	100.0
20.9	98.9	99.4	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	100.0
20.9	98.9	99.4	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	100.0
20.9	98.9	99.4	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	100.0
20.9	98.9	99.4	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	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC ... OBSOLETE ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0720-0920

2+.4	4+.6	49.6	49.6	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1
50.1	50.4	51.5	51.5	51.6	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.2	52.2
29.7	50.7	51.7	51.7	51.9	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2
29.4	51.0	52.1	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.6	52.6
29.6	51.6	52.7	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2	53.2
30.1	52.6	53.6	53.6	53.8	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1
30.6	53.9	55.1	55.1	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6	55.6
30.6	54.2	55.4	55.4	55.6	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9
30.9	56.2	57.3	57.3	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
31.4	57.2	58.4	58.4	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
32.1	59.0	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7
33.2	61.9	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6
34.9	65.6	66.8	66.8	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.3	67.3
35.9	70.7	71.9	71.9	72.0	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
37.2	73.8	75.0	75.0	75.1	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5
37.8	76.2	77.4	77.4	77.5	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9
38.5	79.7	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.4	81.4
39.3	83.0	84.2	84.2	84.3	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7
39.3	84.2	85.4	85.4	85.5	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
39.7	86.6	87.8	87.8	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3
39.7	87.9	89.1	89.1	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
39.9	89.8	91.0	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
40.0	90.6	91.8	91.8	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.4	92.4
40.1	91.4	92.6	92.6	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
40.3	92.6	93.8	93.8	94.0	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
40.3	94.3	95.5	95.5	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
40.3	94.9	96.3	96.5	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3
40.3	95.1	96.8	97.0	97.3	97.3	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
40.3	95.3	97.0	97.4	97.6	97.7	98.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
40.3	95.3	97.0	97.4	97.6	97.7	98.2	98.7	99.0	99.0	99.2	99.2	99.2	99.4	99.5	99.5
40.3	95.3	97.0	97.4	97.6	97.7	98.2	98.8	99.2	99.2	99.3	99.3	99.3	99.5	99.8	100.0
40.3	95.3	97.0	97.4	97.6	97.7	98.2	98.8	99.2	99.2	99.3	99.3	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAFETAC [illegible] 0-14-5 OLA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] CRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0500-2800

33.3	36.4	36.8	37.0	37.0	37.0	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3
36.1	39.5	39.9	40.1	40.1	40.1	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4
36.3	39.9	40.3	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7
36.7	40.3	40.6	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1
37.2	41.0	41.2	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7
38.4	42.3	42.7	42.9	42.9	42.9	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
39.9	43.8	44.2	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
40.3	44.2	44.6	44.8	44.8	44.8	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0
41.3	46.4	46.7	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2
43.1	48.1	48.5	48.7	48.7	48.7	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0
44.8	50.4	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
49.1	55.8	56.2	56.4	56.5	56.5	56.8	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9
51.6	59.1	59.5	59.7	59.9	59.9	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2
55.6	65.1	65.5	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2
57.3	67.5	67.9	68.1	68.2	68.2	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6
58.5	69.3	69.7	69.9	70.0	70.0	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4
60.3	71.9	72.3	72.5	72.6	72.6	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
62.2	75.1	75.7	76.1	76.2	76.2	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6
62.8	76.1	76.7	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
64.5	79.9	80.5	80.9	81.1	81.1	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
64.9	82.2	83.0	83.4	83.8	83.8	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2
65.1	84.2	85.2	85.5	85.9	85.9	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
65.5	85.7	86.7	87.1	87.5	87.5	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1
65.6	86.6	87.9	88.3	88.8	88.8	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
66.1	88.3	89.6	90.0	90.4	90.4	91.0	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
66.1	89.0	90.4	90.8	91.6	91.6	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
66.1	89.5	91.0	91.9	92.7	92.8	93.8	94.0	94.1	94.4	94.5	94.5	94.6	94.6	94.6	94.9
66.1	89.5	91.0	92.1	93.3	93.7	95.1	95.6	95.7	95.9	96.3	96.3	96.4	96.4	96.4	96.7
66.1	89.5	91.0	92.1	93.5	93.9	95.3	95.8	96.2	96.8	97.3	97.3	97.6	97.6	97.6	97.8
66.1	89.5	91.0	92.1	93.7	94.0	95.5	96.2	96.5	97.3	98.4	98.6	98.9	99.5	99.5	99.8
66.1	89.5	91.0	92.1	93.7	94.0	95.5	96.2	96.5	97.3	98.4	98.6	99.0	99.6	99.8	100.0
66.1	89.5	91.0	92.1	93.7	94.0	95.5	96.2	96.5	97.3	98.4	98.6	99.0	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 837

...AL CLIMATOLOGY BRANCH
...CENTER
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS WA | 73-81 | JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

37.5	4 .0	40.1	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.1
40.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
41.2	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.9	43.8	43.8	43.8	43.8	43.8	43.8	43.8
41.8	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	44.4
42.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
44.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
45.3	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	49.1	48.1	
45.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
45.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
47.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
48.9	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
52.4	57.2	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
53.8	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
56.2	62.2	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
58.5	65.1	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
62.6	70.8	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
65.0	76.8	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
66.3	82.6	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
69.1	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
71.4	89.0	89.7	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
72.3	91.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
72.8	94.0	95.3	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	95.7
72.9	95.1	96.7	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
72.9	95.3	97.3	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
72.9	95.5	97.5	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
72.9	95.7	98.0	98.3	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
72.9	95.7	98.1	98.8	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
72.9	95.7	98.1	98.8	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72.9	95.7	98.1	98.8	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.9	95.7	98.1	98.8	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.9	95.7	98.1	98.8	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.9	95.7	98.1	98.8	99.6	99.6	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 837

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

...AL CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

	47.7	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	52.1	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	53.8
	52.7	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
	53.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	53.6	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
	55.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
	56.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
	56.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
	57.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
	58.9	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
	61.1	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	63.6	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
	65.8	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	69.4	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
	72.0	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
	75.6	85.3	85.3	85.3	85.3	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
	79.7	93.0	93.0	93.0	93.0	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	81.8	97.0	97.0	97.0	97.0	97.1	97.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	81.8	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	82.3	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	82.3	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	99.6	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	82.3	99.5	99.5	99.5	99.5	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 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1530-1722

	52.7	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
	59.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
	61.5	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	62.7	62.7
	64.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	65.8	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
	66.4	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	68.5	68.5
	68.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
	70.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
	71.1	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	73.8
	73.5	77.2	77.2	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
	75.5	79.5	79.5	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
	79.3	84.6	84.6	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	83.0	90.4	90.4	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
	85.3	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	87.5	97.0	97.0	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	87.7	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	87.7	98.3	98.3	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	87.7	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	87.7	98.9	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	87.7	98.9	99.[illegible]	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.[illegible]	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.[illegible]	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.[illegible]	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.0	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	87.7	98.9	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.7	98.9	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.7	98.9	99.[illegible]	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.7	98.9	99.[illegible]	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2200

56.9	59.3	59.4	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
62.1	64.5	64.6	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
62.4	64.8	64.9	64.9	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
63.8	66.3	66.4	66.4	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
65.7	67.5	67.7	67.7	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
66.9	69.4	69.7	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.0
68.6	71.4	71.7	71.7	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
69.3	72.5	72.8	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
71.2	74.7	74.9	74.9	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
72.9	76.5	76.7	76.7	76.8	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
73.6	77.4	77.8	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
74.2	79.7	80.1	80.0	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
76.3	82.8	83.2	83.2	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
79.7	87.7	88.1	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
93.6	93.1	93.3	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
95.1	95.0	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
95.7	95.8	96.2	96.4	96.5	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
95.8	96.9	97.3	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
95.8	97.0	97.4	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95.8	97.6	98.0	98.2	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.9	97.7	98.1	98.3	98.7	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
96.1	98.2	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.2	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.2	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.2	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.2	98.6	98.8	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
96.1	98.2	98.6	98.8	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.1	98.2	98.6	98.8	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
96.1	98.2	98.6	98.8	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.1	98.2	98.6	98.8	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.1	98.2	98.6	98.8	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
96.1	98.2	98.6	98.8	99.4	99.5	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 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

GRAY AAF/FT LEWIS WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2200

.3	62.8	62.8	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
30.9	65.4	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
31.?	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
31.4	66.9	66.9	67.0	67.1	67.1	67.1	67.1	67.	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
31.9	67.6	67.6	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
32.1	68.9	68.9	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
33.0	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
33.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
33.8	74.0	74.0	74.1	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
34.4	76.1	76.1	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	76.3
34.5	77.1	77.1	77.2	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
35.1	8 .6	80.6	80.8	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
36.0	84.8	84.8	84.9	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
37.9	89.1	89.2	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
38.2	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
39.1	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
39.2	96.3	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
9 .2	96.8	97.0	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
39.2	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
39.2	97.5	97.7	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
39.2	98.3	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
39.3	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	98.9	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
39.3	98.9	99.2	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA — 73-81 — JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

38.0	50.9	51.1	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
41.0	54.6	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
41.3	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
41.9	55.7	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
42.5	56.5	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
43.7	58.2	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7
44.7	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
45.1	60.3	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9
46.1	62.4	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
47.1	64.1	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
48.1	65.7	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
50.0	69.4	69.7	69.8	69.9	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
51.9	72.4	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
54.2	77.3	77.6	77.7	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
56.3	80.9	81.2	81.4	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
58.1	84.2	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
59.6	87.6	88.1	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
60.6	90.2	90.6	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
60.8	90.9	91.3	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
61.4	92.8	93.2	93.4	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
61.6	94.0	94.5	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
61.8	95.2	95.8	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5
61.8	95.6	96.3	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
61.9	95.9	96.6	96.9	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
61.9	96.3	97.0	97.3	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
61.9	96.7	97.4	97.7	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
61.9	96.8	97.6	98.1	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
61.9	96.8	97.7	98.1	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
61.9	96.9	97.7	98.2	98.7	98.7	99.1	99.3	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6
61.9	96.9	97.7	98.2	98.7	98.8	99.1	99.3	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9
61.9	96.9	97.7	98.2	98.7	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0
61.9	96.9	97.7	98.2	98.7	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

[illegible]	57.[illegible]	57.8	58.3	58.4	58.5	58.5	58.5	58.5	58.7	58.9	58.9	59.0	59.0	59.[illegible]	[illegible]
[illegible]	57.7	58.5	59.0	59.1	59.3	59.3	59.3	59.3	59.4	59.6	59.6	59.7	59.7	59.7	59.7
1 .2	58.2	59.[illegible]	59.5	59.6	59.7	59.7	59.7	59.7	59.9	60.1	60.1	60.2	60.2	60.2	60.2
1[illegible].2	58.2	59.[illegible]	59.5	59.6	59.7	59.7	59.7	59.7	59.9	60.1	60.1	60.2	60.2	60.2	60.2
1[illegible].2	59.[illegible]	59.9	60.3	60.5	60.6	60.6	60.6	60.6	60.7	60.9	60.9	61.1	61.1	61.1	61.1
10.4	60.3	61.2	61.6	61.8	61.9	61.9	61.9	61.9	62.[illegible]	62.2	62.2	62.4	62.4	62.4	62.4
10.6	62.1	63.[illegible]	63.4	63.6	63.7	63.7	63.7	63.7	63.8	64.[illegible]	64.[illegible]	64.2	64.2	64.2	64.2
10.[illegible]	62.6	63.4	64.0	64.2	64.3	64.3	64.3	64.3	64.4	64.6	64.6	64.8	64.8	64.8	64.8
10.[illegible]	63.6	64.5	65.1	65.2	65.4	65.4	65.4	65.4	65.5	65.7	65.7	65.8	65.8	65.8	65.8
10.8	64.0	65.[illegible]	65.[illegible]	65.7	65.8	65.8	65.8	65.8	65.9	66.2	66.2	66.3	66.3	66.3	66.3
11.[illegible]	65.0	65.9	66.5	66.7	66.8	66.8	66.8	66.8	66.9	67.1	67.1	67.3	67.3	67.3	67.3
11.2	67.1	68.1	68.7	68.8	68.9	68.9	68.9	68.9	69.1	69.3	69.3	69.4	69.4	69.4	69.4
11.6	69.8	70.7	71.3	71.4	71.6	71.6	71.6	71.6	71.7	71.9	71.9	72.0	72.0	72.[illegible]	72.0
11.[illegible]	74.6	75.5	76.1	76.2	76.3	76.3	76.3	76.3	76.5	76.7	76.7	76.8	76.8	76.8	76.8
11.9	76.1	77.2	77.8	78.1	78.3	78.3	78.3	78.3	78.4	78.6	78.6	78.7	78.7	78.7	78.7
12.3	79.3	80.4	81.0	81.5	81.6	81.6	81.6	81.6	81.7	82.0	82.0	82.1	82.1	82.1	82.1
12.3	83.3	84.6	85.3	85.8	86.0	86.0	86.0	86.0	86.1	86.4	86.4	86.5	86.5	86.5	86.5
12.[illegible]	87.1	89.0	89.7	90.2	90.7	90.7	90.7	90.7	90.8	91.0	91.0	91.2	91.2	91.2	91.2
13.1	87.8	89.7	90.4	90.9	91.4	91.4	91.4	91.4	91.5	91.8	91.8	91.9	91.9	91.9	91.9
13.[illegible]	89.6	91.5	92.2	93.1	93.5	93.5	93.5	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0
14.[illegible]	90.9	92.9	93.5	94.4	94.9	94.9	94.9	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3
14.1	91.8	94.0	94.9	95.7	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.7	96.7	96.7	96.7
14.[illegible]	92.0	94.3	95.1	95.9	96.4	96.4	96.4	96.4	96.5	96.8	96.8	96.9	96.9	96.9	96.9
14.[illegible]	92.5	94.9	95.7	96.5	97.0	97.0	97.0	97.0	97.1	97.4	97.4	97.5	97.5	97.5	97.5
14.[illegible]	92.8	95.5	96.3	97.3	97.7	97.7	97.7	97.7	97.8	98.1	98.1	98.2	98.2	98.2	98.2
14.0	93.2	95.9	96.9	97.8	98.3	98.3	98.3	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8
14.0	93.3	96.1	97.0	98.0	98.4	98.4	98.4	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9
14.0	93.4	96.2	97.1	98.2	98.7	98.8	99.2	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6
14.0	93.4	96.2	97.1	98.2	98.7	98.9	99.3	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8
14.0	93.4	96.2	97.1	98.2	98.7	98.9	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
14.0	93.4	96.2	97.1	98.2	98.7	98.9	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0
14.0	93.4	96.2	97.1	98.2	98.7	98.9	99.3	99.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] 0-14-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 70 GRAY AAF/FT LEWIS WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-2300

12.2	38.5	39.9	40.4	41.2	41.6	41.9	41.9	42.1	42.3	42.5	42.5	42.5	42.5	42.9	42.9
12.3	39.4	41.1	41.5	42.3	42.7	43.0	43.0	43.1	43.4	43.6	43.6	43.6	43.6	44.0	44.0
12.5	39.7	41.2	41.7	42.5	42.9	43.2	43.2	43.4	43.6	43.8	43.8	43.8	43.8	44.2	44.2
12.5	39.8	41.3	41.8	42.7	43.0	43.4	43.4	43.5	43.7	44.0	44.0	44.0	44.0	44.3	44.3
12.5	40.3	41.9	42.4	43.2	43.6	44.0	44.0	44.1	44.3	44.6	44.6	44.6	44.6	44.9	44.9
12.9	41.1	42.8	43.2	44.1	44.4	44.8	44.8	44.9	45.2	45.4	45.4	45.4	45.4	45.8	45.8
13.0	42.8	44.6	45.0	45.9	46.2	46.6	46.6	46.7	47.0	47.2	47.2	47.2	47.2	47.6	47.6
13.0	42.8	44.8	45.3	46.1	46.5	46.8	46.8	47.0	47.2	47.4	47.4	47.4	47.4	47.8	47.8
13.1	43.4	45.4	45.9	46.7	47.1	47.4	47.4	47.6	47.8	48.0	48.0	48.0	48.0	48.4	48.4
13.1	44.4	46.5	47.1	47.9	48.3	48.6	48.6	48.7	49.0	49.2	49.2	49.2	49.2	49.6	49.6
13.4	45.4	47.4	48.0	48.9	49.2	49.7	49.7	49.8	50.1	50.3	50.3	50.3	50.3	50.7	50.7
14.0	48.5	50.5	51.3	52.1	52.4	52.9	52.9	53.0	53.3	53.5	53.5	53.5	53.5	53.9	53.9
14.2	51.5	53.5	54.2	55.2	55.7	56.2	56.2	56.3	56.5	56.8	56.8	56.8	56.8	57.1	57.1
15.1	54.6	56.9	57.7	58.8	59.3	59.9	59.9	60.0	60.2	60.5	60.5	60.5	60.5	60.8	60.8
15.2	58.1	60.6	61.3	62.5	63.0	63.6	63.6	63.7	63.9	64.2	64.2	64.2	64.2	64.5	64.5
15.4	60.8	63.2	64.2	65.4	65.8	66.4	66.4	66.5	66.8	67.0	67.0	67.0	67.0	67.4	67.4
16.2	65.9	68.5	69.4	70.6	71.1	71.9	71.9	72.0	72.3	72.5	72.5	72.5	72.5	72.9	72.9
17.3	71.6	74.4	75.7	77.4	77.9	78.7	78.7	78.9	79.1	79.3	79.3	79.3	79.3	79.7	79.7
17.7	72.6	75.5	76.9	78.6	79.1	79.9	79.9	80.0	80.3	80.5	80.5	80.5	80.5	80.9	80.9
18.4	75.3	78.4	79.8	81.5	82.0	82.8	82.8	82.9	83.2	83.4	83.4	83.4	83.4	83.8	83.8
18.5	77.3	80.4	81.8	83.5	84.0	84.8	84.8	84.9	85.2	85.4	85.4	85.4	85.4	85.8	85.8
18.6	79.0	82.3	84.0	85.8	86.3	87.1	87.1	87.2	87.5	87.7	87.7	87.7	87.7	88.1	88.1
18.6	79.8	83.3	84.9	86.7	87.2	88.1	88.1	88.2	88.4	88.6	88.6	88.6	88.6	89.0	89.0
18.6	80.5	84.1	85.8	87.6	88.1	88.9	88.9	89.0	89.2	89.5	89.5	89.5	89.5	89.8	89.8
18.6	80.6	84.2	86.0	87.8	88.3	89.1	89.1	89.2	89.5	89.7	89.7	89.7	89.7	90.1	90.1
18.6	81.1	84.7	87.0	88.8	89.2	90.1	90.1	90.2	90.4	90.7	90.7	90.7	90.7	91.0	91.0
18.8	82.6	86.4	88.8	90.6	91.2	92.0	92.0	92.1	92.4	92.6	92.6	92.6	92.6	93.0	93.0
18.8	82.9	87.3	90.0	92.1	92.7	93.5	93.8	93.9	94.1	94.4	94.4	94.5	94.5	94.9	94.9
18.8	83.3	87.7	90.4	92.8	93.5	94.6	95.1	95.2	95.7	95.9	96.1	96.4	96.4	96.8	96.8
18.8	83.3	87.7	90.4	92.8	93.5	94.7	95.2	95.7	96.4	96.7	96.8	97.6	97.6	98.4	98.6
18.8	83.3	87.7	90.4	92.8	93.5	94.7	95.3	95.8	96.7	96.9	97.0	98.2	98.4	99.6	99.9
18.8	83.3	87.7	90.4	92.8	93.5	94.7	95.3	95.8	96.7	96.9	97.0	98.2	98.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 837

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS, WA 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1600-1800

...6	23.6	24.[illegible]	24.5	24.9	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.2	25.4	25.6	25.7
...4	25.3	27.[illegible]	27.4	27.7	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.1	28.3	29.4	29.5
...7	25.6	27.2	27.6	28.0	28.1	28.1	28.1	28.1	28.1	28.2	28.2	29.3	29.6	29.7	29.8
1.1	26.[illegible]	27.7	28.1	28.4	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.8	29.0	29.2	29.2
2.[illegible]	26.9	28.6	28.9	29.3	29.4	29.4	29.4	29.4	29.4	29.5	29.5	29.6	29.9	30.[illegible]	30.1
22.3	25.0	29.[illegible]	30.[illegible]	30.3	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.7	30.9	31.1	31.2
23.1	29.0	30.7	31.1	31.4	31.5	31.5	31.5	31.5	31.5	31.7	31.7	31.8	32.[illegible]	32.1	32.3
23.2	29.2	30.9	31.3	31.7	31.8	31.8	31.8	31.9	31.8	31.9	31.9	32.0	32.3	32.4	32.5
27.7	30.5	32.3	32.6	33.0	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.6	33.7	33.8
29.4	31.8	33.[illegible]	33.9	34.3	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.6	34.9	35.[illegible]	35.1
29.[illegible]	32.9	34.6	35.0	35.4	35.5	35.5	35.5	35.5	35.6	35.7	35.7	35.8	36.1	36.2	36.3
29.4	35.7	37.6	38.0	38.4	38.5	38.5	38.5	38.5	38.6	38.7	38.7	38.8	39.1	39.2	39.3
33.3	38.4	4[illegible].4	40.7	41.1	41.2	41.2	41.2	41.2	41.3	41.5	41.5	41.6	41.8	41.9	42.1
37.2	42.4	44.4	44.8	45.3	45.4	45.5	45.5	45.6	45.8	45.9	45.9	46.0	46.2	46.4	46.5
41.[illegible]	46.6	48.6	49.[illegible]	49.5	49.7	49.8	49.8	49.9	50.2	50.3	50.3	50.4	50.7	50.9	51.0
43.[illegible]	49.7	51.7	52.2	53.0	53.3	53.5	53.9	54.[illegible]	54.2	54.4	54.4	54.5	54.7	55.0	55.1
44.[illegible]	53.0	55.2	56.2	57.2	57.6	57.9	58.3	58.4	58.7	58.8	58.8	58.9	59.1	59.4	59.5
46.4	57.2	59.5	60.5	61.5	61.9	62.2	62.6	62.7	63.[illegible]	63.1	63.1	63.2	63.4	63.7	63.8
46.[illegible]	57.8	60.1	61.1	62.1	62.5	62.8	63.2	63.3	63.6	63.7	63.7	63.8	64.[illegible]	64.3	64.4
48.[illegible]	62.4	64.8	65.7	67.1	67.6	68.0	68.3	68.5	68.7	68.8	68.8	68.9	69.2	69.4	69.5
50.1	66.1	68.5	69.7	71.2	71.8	72.2	72.5	72.6	72.9	73.[illegible]	73.0	73.1	73.4	73.6	73.7
51.4	67.5	7[illegible].1	71.4	73.1	73.7	74.1	74.4	74.7	74.9	75.[illegible]	75.0	75.1	75.4	75.6	75.7
52.9	68.5	71.1	72.5	74.2	74.8	75.1	75.5	75.7	76.0	76.1	76.1	76.2	76.5	76.7	76.8
53.9	69.5	72.3	74.[illegible]	75.6	76.2	76.6	76.9	77.2	77.4	77.5	77.5	77.7	77.9	78.1	78.2
54.9	7[illegible].4	73.2	75.0	76.8	77.4	77.8	78.1	78.4	78.6	78.7	78.7	78.9	79.1	79.3	79.5
55.[illegible]	71.2	74.1	76.[illegible]	77.9	78.5	78.9	79.3	79.6	79.9	80.[illegible]	80.2	80.2	80.4	80.6	80.8
56.[illegible]	72.[illegible]	75.6	77.9	8[illegible].5	81.1	81.8	82.3	82.9	83.2	83.4	83.4	83.5	83.9	84.[illegible]	84.1
57.1	72.3	76.[illegible]	78.6	81.8	82.4	83.4	84.7	85.8	86.3	86.7	86.7	86.9	87.1	87.3	87.5
57.1	72.3	76.[illegible]	78.9	82.1	82.7	84.3	86.7	88.3	89.6	90.[illegible]	90.7	91.5	91.8	92.1	92.2
57.1	72.3	76.[illegible]	79.1	82.3	82.9	84.7	87.1	88.6	90.3	92.1	92.2	94.[illegible]	94.6	96.1	96.9
57.1	72.3	76.[illegible]	79.1	82.3	82.9	84.7	87.1	88.6	90.4	92.2	92.4	94.4	95.6	97.7	99.5
57.1	72.3	76.[illegible]	79.1	82.3	82.9	84.7	87.1	88.6	9[illegible].4	92.2	92.4	94.5	95.7	98.[illegible]	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC ... DATA ...

L DAL CLIMATOLOGY BRANCH
HEADQ
AI AIATION SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	32.7	34.[illegible]	34.[illegible]	34.4	34.4	34.4	34.4	34.[illegible]	34.4	34.4	34.4	34.4	34.4	34.4	34.4	[illegible]
[illegible]	35.1	36.7	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	[illegible]
[illegible]	35.2	36.8	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	[illegible]
[illegible]	35.4	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
[illegible]	36.1	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	[illegible]
[illegible]	37.6	39.2	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	[illegible]
[illegible]	38.5	40.0	40.1	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
[illegible]	39.1	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	[illegible]
[illegible]	40.3	41.[illegible]	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	[illegible]
[illegible]	40.9	42.5	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	[illegible]
[illegible]	41.6	43.2	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	[illegible]
[illegible]	43.2	44.[illegible]	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	[illegible]
[illegible]	46.6	47.[illegible]	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	[illegible]
[illegible]	[illegible]	52.[illegible]	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	[illegible]
[illegible]	55.6	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	[illegible]
[illegible]	61.2	62.1	62.4	62.8	62.8	62.8	62.8	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1
[illegible]	65.2	67.1	67.4	67.9	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
[illegible]	69.7	72.[illegible]	72.3	72.9	72.9	73.0	73.0	73.[illegible]	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
[illegible]	73.5	77.9	73.2	73.8	73.8	74.0	74.0	74.[illegible]	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
[illegible]	76.5	79.[illegible]	79.6	80.3	80.3	80.4	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
[illegible]	80.6	83.5	84.1	84.9	84.9	85.1	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
[illegible]	82.4	87.9	86.5	87.3	87.3	87.8	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.7	88.3	88.3
[illegible]	83.2	86.9	87.8	89.6	89.8	89.2	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
[illegible]	83.6	87.6	88.5	89.8	90.1	90.6	90.7	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	84.1	89.[illegible]	91.1	91.8	92.3	92.6	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
[illegible]	84.3	89.[illegible]	90.6	93.0	93.4	94.4	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	84.7	89.4	91.2	93.7	94.3	95.9	97.1	97.5	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]	98.[illegible]
[illegible]	84.7	89.4	91.2	93.8	94.4	96.3	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	84.7	89.4	91.2	93.8	94.4	96.3	98.3	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
[illegible]	84.7	89.4	91.2	93.8	94.4	96.3	98.3	98.9	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
[illegible]	84.7	89.4	91.2	93.8	94.4	96.3	98.3	98.9	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0
[illegible]	84.7	89.4	91.2	93.8	94.4	96.3	98.3	98.9	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible] 837

[illegible]

...AL CLIMATOLOGY BRANCH

2 ...

CEILING VERSUS VISIBILITY

...FAY AAF/ST LE...IE ... 73-81 ... ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1100-1400

7.4	4...3	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
49.4	5...4	5...5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
49.9	50.8	51.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
49....	51.1	51.1	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
49.6	51.6	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
47.8	52.8	52.9	53....	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
49.7	53.8	57.9	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
....6	54.6	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
50.0	56.5	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
1.7	57.1	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
1.7	58.2	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
3.2	6...2	6...4	6...6	6...8	6...8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
54....	63.6	63....	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
1.7	68.3	68.7	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
1.6	72.3	72.6	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
6.5	79.3	80.2	80.4	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
67....	84.1	85.3	85.5	85.7	85.8	85.9	86....	86....	86....	86....	86....	86....	86....	86....	86....	86....
1.7	88.9	90.4	90.7	91.0	91.2	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
....	90.2	91.8	92.0	92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
1.6	92.1	93.8	94.0	94.4	94.5	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
1.2	93.9	95.7	95.9	96.4	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
1.2	94.3	96.4	96.8	97.5	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1.2	94.4	96.5	96.9	97.7	97.8	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1.7	94.5	96.7	97.1	97.8	98.1	98.3	98.7	98.7	98.8	99.8	98.8	98.8	98.8	98.8	98.8	98.8
1.3	94.7	96.9	97.3	98.1	98.3	98.8	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.
1.3	94.7	96.9	97.3	98.1	98.4	99.0	99.5	99.9	100.	100.	100.	100.	100.	100.	100.	100.

TOTAL NUMBER OF OBSERVATIONS 837

...AL CLIMATOLOGY BRANCH
...ETAC
2 A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...GAY AAF/FT LEWIS WA 73-81 ... AWS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

... 1700

48.7	53.1	57.7	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
55.7	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
56.5	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	60.5	60.5
57.1	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
58.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
58.7	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	63.0	63.0	63.0
59.6	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
60.0	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
61.2	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
61.8	66.4	66.6	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
62.7	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
64.4	71.1	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
65.7	73.6	73.7	73.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
67.2	76.1	76.5	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
71.9	81.6	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
74.4	86.9	87.6	87.8	88.5	88.5	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
76.1	90.7	92.4	92.6	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
77.1	92.6	94.5	95.0	95.9	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
77.1	92.7	94.6	95.1	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
77.1	93.7	95.7	96.5	97.6	97.6	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
77.1	94.1	96.2	97.1	98.3	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.1	94.1	96.2	97.1	98.4	98.4	98.8	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
77.1	94.1	96.2	97.1	98.4	98.4	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
77.1	94.1	96.2	97.1	98.4	98.4	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.1	94.2	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
77.1	94.0	96.3	97.3	98.6	98.6	99.3	99.8	99.8	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.

TOTAL NUMBER OF OBSERVATIONS 837

...USAF ETAC ... DEFENSE DATA ... RESTRICTIONS ... ARE ASSERTED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] PAY AAF/FT LEWIS WA 73-81 [illegible] AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1810-2100

49.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	[illegible]
63.3	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
63.9	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
64.6	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.6	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
68.9	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
69.1	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
69.8	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
69.7	70.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
69.1	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
71.5	75.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
72.4	79.9	8 .	80.2	80.2	80.2	8 .	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
84..	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
85.0	86.5	87.1	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
85.8	88.6	89.5	89.6	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
86.5	91.8	93.0	93.1	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
87.1	93.7	95.0	95.1	95.9	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
87.1	94.1	95.5	95.6	96.3	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
87.1	94.9	96.3	96.4	97.4	97.4	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
87.1	95.1	96.5	96.7	97.7	97.7	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
87.1	95.2	96.8	96.9	98.1	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
87.1	95.3	96.9	97.0	98.2	98.2	99.	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
87.1	95.3	96.9	97.1	98.2	98.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
87.1	95.3	96.9	97.1	98.3	98.3	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.1	95.3	96.9	97.1	98.3	98.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
87.1	95.3	96.9	97.1	98.4	98.4	99.4	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] 0-14-5 (OL A) [illegible]

...L EAL CLIMATOLOGY BRANCH
... ...ELTAC
2 A... ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...-... ...RAY AAF/FT LEWIS ...A 73-61 ... AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2140-2300

1 .9	61.2	61.2	61.2	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
10.3	63.9	63.9	63.9	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	
12.7	64.4	64.4	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
14.4	64.6	64.6	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
15.9	65.8	65.8	65.8	65.8	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
17.6	67.1	67.1	67.1	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	
20.1	69.1	69.1	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
20.1	69.4	69.4	69.4	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
20.9	70.8	71.1	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
2 .1	72.3	72.5	72.5	72.5	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
21.9	73.4	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
21.3	77.2	77.4	77.4	77.4	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
22.1	79.0	79.3	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
22.6	83.1	83.4	83.4	83.4	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
23.1	85.6	86.1	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
23.3	87.2	87.6	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
23.7	91.3	91.9	91.9	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
23.7	93.4	94.1	94.1	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	
23.7	93.9	94.6	94.6	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
23.9	94.9	95.6	95.6	96.2	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
23.9	95.2	95.9	95.9	96.5	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
23.9	95.8	96.5	96.5	97.1	97.3	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
23.9	96.3	97.1	97.1	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
23.9	96.3	97.1	97.1	97.7	97.8	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
23.9	96.3	97.1	97.3	98.2	98.3	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
23.9	96.3	97.3	97.4	98.4	98.6	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
23.9	96.3	97.3	97.4	98.6	98.7	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
23.9	96.3	97.3	97.4	98.7	98.8	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
23.9	96.3	97.3	97.4	98.7	98.8	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
23.9	96.3	97.3	97.4	98.7	98.8	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
23.9	96.3	97.3	97.4	98.7	98.8	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0
23.9	96.3	97.3	97.4	98.7	98.8	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC ... 0-134-5 OL A ... ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

7+.6	46.5	47.2	47.4	47.6	47.6	47.7	47.7	47.7	47.8	47.8	47.8	47.9	47.9	48.0	48.0
70.7	49.3	50.0	50.2	50.4	50.5	50.6	50.6	50.6	50.6	50.7	50.7	51.7	50.8	50.8	50.9
31.1	49.7	50.4	50.6	50.8	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.3
71.4	5 .0	50.7	51.0	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.6
31.9	52.9	51.6	51.8	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.4
32.4	52.0	52.7	53.0	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.6	53.6
33.1	53.5	54.2	54.5	54.6	54.7	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.1
33.3	53.9	54.7	55.0	55.2	55.3	55.3	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.6	55.6
33.9	55.2	56.1	56.3	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9
34.3	56.1	57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.9	57.9	57.9
34.7	57.2	58.2	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.0	59.1
35.9	60.2	61.2	61.4	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.1	62.1
37.0	62.4	63.4	63.7	63.9	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.3	64.3	64.4	64.4
38.9	66.7	67.7	68.0	68.2	68.4	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.8	68.8
41.6	70.3	71.4	71.7	72.1	72.2	72.3	72.4	72.4	72.5	72.6	72.6	72.6	72.7	72.7	72.7
42.2	74.2	75.3	75.6	76.2	76.3	76.5	76.6	76.6	76.7	76.8	76.8	76.8	76.9	76.9	76.9
43.4	78.2	79.7	80.2	80.8	81.0	81.2	81.3	81.3	81.5	81.5	81.5	81.6	81.6	81.7	81.7
44.6	81.8	83.6	84.1	84.9	85.1	85.4	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.9	85.9
44.8	82.5	84.3	84.9	85.7	85.9	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.6	86.6
45.5	84.9	86.9	87.5	88.4	88.6	89.0	89.2	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.6
45.8	86.6	88.7	89.4	90.4	90.6	91.0	91.2	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.6
45.9	87.5	89.8	90.5	91.6	91.9	92.3	92.6	92.6	92.7	92.8	92.8	92.8	92.9	93.0	93.0
46.0	87.9	90.3	91.1	92.2	92.4	93.0	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.6	93.6
46.1	88.3	90.7	91.5	92.7	93.0	93.5	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.2	94.2
46.1	88.5	91.1	92.0	93.4	93.6	94.2	94.5	94.5	94.7	94.8	94.8	94.8	94.9	94.9	94.9
46.1	88.8	91.4	92.4	93.9	94.2	94.8	95.2	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7
46.0	89.1	91.9	93.0	94.5	94.9	95.7	96.1	96.3	96.5	96.6	96.6	96.6	96.6	96.7	96.7
46.1	89.2	92.1	93.2	95.0	95.3	96.2	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.7
46.0	89.3	92.1	93.3	95.1	95.4	96.4	97.3	97.7	98.0	98.3	98.3	98.4	98.5	98.6	98.6
46.0	89.3	92.1	93.4	95.1	95.5	96.5	97.4	97.8	98.2	98.5	98.6	98.9	99.0	99.3	99.4
46.0	89.3	92.1	93.4	95.1	95.5	96.5	97.4	97.8	98.3	98.6	98.6	99.1	99.2	99.7	99.9
46.0	89.3	92.1	93.4	95.1	95.5	96.5	97.4	97.8	98.3	98.6	98.6	99.1	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC [illegible] 0-14-5 OL A [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] ARMY AAF/FT LEWIS WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-2300

6.2	53.1	54.1	55.1	55.3	55.9	56.2	56.3	56.4	56.7	57.0	57.0	57.3	57.5	58.0	58.6		
6.2	54.1	55.1	56.1	56.3	56.9	57.2	57.3	57.4	57.7	58.0	58.0	58.3	58.5	59.2	59.6		
6.2	54.1	55.1	56.1	56.3	56.9	57.2	57.3	57.4	57.7	58.0	58.0	58.3	58.5	59.2	59.6		
6.2	54.1	55.1	56.1	56.3	56.9	57.2	57.3	57.4	57.7	58.0	58.0	58.3	58.5	59.2	59.6		
6.2	54.3	55.9	56.9	57.3	57.9	58.1	58.3	58.4	58.6	59.2	59.2	59.3	59.5	60.0	60.6		
6.3	56.2	57.3	58.3	58.6	59.3	59.5	59.6	59.8	60.0	60.4	60.4	60.6	60.9	61.4	62.0		
6.3	57.0	58.1	59.1	59.5	60.1	60.4	60.5	60.6	60.9	61.2	61.2	61.5	61.7	62.2	62.8		
6.3	58.0	59.1	60.1	60.5	61.1	61.4	61.5	61.6	61.9	62.2	62.2	62.5	62.7	63.2	63.6		
6.3	59.1	60.2	61.2	61.6	62.2	62.5	62.6	62.7	63.0	63.3	63.3	63.6	63.8	64.3	64.9		
6.4	60.1	61.2	62.2	62.6	63.2	63.5	63.6	63.7	64.0	64.3	64.3	64.6	64.8	65.3	65.9		
6.4	61.2	62.3	63.3	63.7	64.3	64.6	64.7	64.8	65.1	65.4	65.4	65.7	65.9	66.4	67.		
6.5	65.8	66.9	67.9	68.3	68.9	69.1	69.3	69.4	69.6	70.0	70.0	70.2	70.5	71.0	71.6		
6.5	68.6	69.9	70.9	71.2	71.9	72.1	72.2	72.3	72.6	73.0	73.0	73.2	73.5	74.0	74.6		
6.5	72.1	73.5	74.4	74.8	75.4	75.7	75.8	75.9	76.2	76.5	76.5	76.8	77.0	77.5	78.1		
6.5	76.0	77.4	78.5	79.4	80.0	80.2	80.4	80.5	80.7	81.1	81.1	81.4	81.6	82.1	82.7		
6.5	78.1	79.8	81.0	81.9	82.5	82.7	82.8	83.0	83.2	83.6	83.6	83.8	84.1	84.6	85.2		
6.7	81.7	83.5	84.6	85.6	86.3	86.5	86.7	86.8	87.0	87.4	87.4	87.7	87.9	88.4	89.0		
6.7	84.0	86.0	87.2	88.3	89.0	89.3	89.4	89.5	89.8	90.1	90.1	90.4	90.6	91.1	91.7		
6.7	84.4	86.5	87.7	88.8	89.5	89.8	89.9	90.0	90.2	90.6	90.6	90.9	91.1	91.6	92.2		
6.7	85.6	87.7	88.9	90.0	90.7	91.0	91.1	91.2	91.5	91.9	91.9	92.1	92.3	92.8	93.5		
6.7	86.3	88.4	89.6	90.7	91.5	91.7	91.9	92.0	92.2	92.6	92.6	92.8	93.1	93.6	94.2		
6.7	86.5	88.6	89.9	91.1	91.9	92.1	92.2	92.3	92.6	93.0	93.0	93.2	93.5	94.0	94.6		
6.7	86.9	89.1	90.4	91.7	92.5	92.7	92.8	93.0	93.2	93.6	93.6	93.8	94.1	94.6	95.2		
6.7	87.2	89.4	90.6	92.1	92.8	93.1	93.2	93.3	93.6	94.0	94.0	94.2	94.4	94.9	95.6		
6.7	87.7	90.0	91.2	92.8	93.6	93.8	94.0	94.1	94.3	94.7	94.7	94.9	95.2	95.7	96.3		
6.7	87.7	90.1	91.4	93.0	93.7	94.0	94.1	94.2	94.4	94.8	94.8	95.1	95.3	95.8	96.4		
6.7	87.8	90.2	91.5	93.1	93.8	94.3	94.4	94.7	94.9	95.3	95.3	95.6	95.8	96.3	96.9		
6.7	87.8	90.4	91.7	93.6	94.3	94.9	95.1	95.3	95.6	95.9	95.9	96.2	96.4	96.9	97.5		
6.7	87.8	90.5	92.0	94.0	94.7	95.3	95.4	95.8	96.0	96.4	96.4	96.7	96.9	97.4	98.0		
6.7	87.8	90.5	92.0	94.0	94.7	95.3	95.4	95.8	96.0	96.4	96.4	96.7	97.0	97.7	98.3		
6.7	87.8	90.5	92.1	94.1	94.8	95.4	95.6	95.9	96.2	96.5	96.5	96.8	97.3	98.1	100.0		
6.7	87.8	90.5	92.1	94.1	94.8	95.4	95.6	95.9	96.2	96.5	96.5	96.8	97.3	98.1	100.0		

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

[illegible] GRAY AAF/FT LEWIS WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

6.0	39.5	41.5	43.0	44.9	45.2	45.7	45.8	45.9	47.4	47.5	47.5	47.8	48.[illegible]	[illegible]	49.[illegible]	
6.[illegible]	[illegible].4	42.3	44.0	45.9	46.2	46.7	46.8	46.9	48.4	48.5	48.5	48.8	49.0	49.3	50.0	
6.0	[illegible].4	42.3	44.0	45.9	46.2	46.7	46.8	46.9	48.4	48.5	48.5	48.8	49.0	49.3	50.0	
6.0	[illegible].4	42.3	44.0	45.9	46.2	46.7	46.8	46.9	48.4	48.5	48.5	48.8	49.0	49.3	50.0	
6.0	41.[illegible]	43.[illegible]	44.6	46.5	46.8	47.3	47.4	47.5	49.0	49.1	49.1	49.4	49.6	49.9	50.6	
7.0	41.7	43.7	45.3	47.3	47.5	48.0	48.1	48.3	49.8	49.9	49.9	50.1	50.4	50.6	51.4	
7.0	42.7	44.7	46.3	48.4	48.6	49.1	49.3	49.4	50.9	51.[illegible]	51.0	51.2	51.5	51.7	52.5	
7.0	43.8	45.8	47.4	49.5	49.8	50.2	50.4	50.5	52.2	52.1	52.1	52.3	52.6	52.8	53.6	
7.2	45.6	47.5	49.1	51.2	51.5	52.0	52.1	52.2	53.7	53.8	53.8	54.1	54.3	54.6	55.3	
7.3	46.9	48.9	50.5	52.6	52.8	53.3	53.5	53.6	55.1	55.2	55.2	55.4	55.7	55.9	56.7	
7.3	48.4	50.4	52.0	54.1	54.3	54.8	54.9	55.1	56.5	56.7	56.7	56.9	57.2	57.4	58.1	
7.7	52.6	54.6	56.2	58.3	58.5	59.0	59.1	59.3	60.7	60.9	60.9	61.1	61.4	61.6	62.3	
7.8	54.4	56.5	58.3	60.4	60.6	6[illegible].2	61.4	61.5	63.0	63.1	63.1	63.3	63.6	63.8	64.6	
8.1	58.4	60.7	62.6	64.9	65.2	65.9	66.2	66.3	67.7	67.8	67.8	68.0	68.3	68.5	69.3	
8.3	61.7	64.2	66.3	69.0	69.3	70.1	70.2	70.4	71.9	72.0	72.0	72.2	72.5	72.7	73.5	
8.5	63.6	66.3	68.5	71.4	71.6	72.7	72.8	73.0	74.4	74.6	74.6	74.8	75.1	75.3	76.0	
8.3	65.6	68.3	70.6	73.5	73.7	74.8	74.9	75.1	76.5	76.7	76.7	76.9	77.2	77.4	78.1	
8.5	69.4	72.2	74.8	77.7	77.9	79.0	79.1	79.3	80.7	80.9	80.9	81.1	81.4	81.6	82.3	
8.0	69.6	72.5	75.1	77.9	78.1	79.3	79.4	79.5	81.0	81.1	81.1	81.4	81.6	81.9	82.6	
8.6	72.2	75.1	77.7	80.6	80.9	82.1	82.2	82.3	83.8	84.0	84.0	84.2	84.4	84.7	85.4	
8.6	73.7	76.5	79.3	82.2	82.5	83.7	83.8	84.0	85.4	85.6	85.6	85.8	86.0	86.3	87.0	
8.8	74.9	78.1	80.7	83.7	84.0	85.2	85.3	85.4	86.9	87.0	87.0	87.3	87.5	87.8	88.5	
8.8	75.7	78.9	81.6	84.6	84.8	86.0	86.2	86.3	87.8	87.9	87.9	88.1	88.4	88.6	89.4	
8.8	76.3	79.5	82.2	85.3	85.6	86.9	87.0	87.2	88.6	88.8	88.8	89.0	89.3	89.5	90.2	
8.8	76.5	79.8	82.5	85.6	85.8	87.2	87.3	87.4	88.9	89.1	89.1	89.4	89.6	89.9	90.6	
8.8	76.7	80.0	82.7	85.8	86.0	87.4	87.6	88.0	89.5	89.8	89.8	90.0	90.2	90.5	91.2	
8.8	77.4	81.1	83.8	87.3	87.5	88.9	89.3	89.5	91.0	91.2	91.2	91.5	91.7	92.0	92.7	
8.8	77.5	81.4	84.1	87.8	88.0	89.5	89.9	90.2	91.7	92.0	92.0	92.3	92.6	92.8	93.6	
8.8	77.7	81.6	84.3	88.5	88.8	90.6	91.0	91.4	93.0	93.2	93.2	93.8	94.2	94.4	95.3	
8.8	77.7	81.6	84.3	88.5	88.8	91.1	91.9	92.2	94.1	94.6	94.6	95.6	95.9	96.2	97.4	
8.8	77.7	81.6	84.3	88.5	88.8	91.2	92.0	92.3	94.2	94.8	94.8	95.9	96.4	97.0	99.5	
8.8	77.7	81.6	84.3	88.5	88.8	91.2	92.0	92.3	94.2	94.8	94.8	95.9	96.4	97.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC [illegible] 0-14-5 OL A [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

OL RAL CLIMATOLOGY BRANCH
/ FETAC
A WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

RAY AAF/FT LEWIS WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

	29.5	31.9	33.3	34.6	35.1	35.8	36.2	36.2	36.7	37.2	37.2	37.8	37.9	38.8	39.4		
	31.4	32.7	34.2	35.6	36.0	36.9	37.4	37.5	38.0	38.6	38.6	39.3	39.4	40.2	40.9		
	31.4	33.1	34.6	35.9	36.4	37.3	37.8	37.9	38.4	39.0	39.0	39.6	39.8	40.6	41.2		
	31.5	33.2	34.7	36.0	36.5	37.4	37.9	38.0	38.5	39.1	39.1	39.8	39.9	40.7	41.4		
	31.9	34.2	35.7	37.0	37.5	38.4	38.9	39.0	39.5	40.1	40.1	40.7	40.9	41.7	42.3		
	32.3	34.8	36.4	37.8	38.3	39.1	39.6	39.8	40.2	40.9	40.9	41.5	41.6	42.5	43.1		
	33.7	36.2	37.8	39.1	39.6	40.5	41.0	41.1	41.6	42.2	42.2	42.9	43.0	43.8	44.4		
	34.1	36.7	38.3	39.6	40.1	41.0	41.5	41.6	42.1	42.7	42.7	43.3	43.5	44.3	44.9		
	37.0	39.6	41.2	42.7	43.2	44.3	44.9	45.1	45.6	46.2	46.2	46.8	46.9	47.8	48.4		
	38.1	40.9	42.5	44.4	44.9	46.2	46.8	47.0	47.5	48.1	48.1	48.8	48.9	49.8	50.5		
	39.0	41.7	43.3	45.3	45.8	47.0	47.7	47.9	48.4	49.1	49.1	49.8	49.9	50.7	51.5		
	41.7	44.4	46.0	48.0	48.5	49.8	50.4	50.6	51.1	51.9	51.9	52.5	52.6	53.5	54.2		
	44.3	47.3	48.9	50.9	51.4	52.6	53.2	53.5	54.0	54.7	54.7	55.3	55.4	56.3	57.0		
	49.0	52.3	54.1	56.0	56.5	58.0	58.8	59.0	59.5	60.2	60.2	60.9	61.0	61.9	62.6		
	53.1	56.4	58.3	60.2	60.7	62.2	63.0	63.2	63.7	64.4	64.4	65.1	65.2	66.0	66.9		
	55.1	58.6	60.5	62.5	63.1	64.6	65.3	65.6	66.0	66.8	66.8	67.4	67.5	68.4	69.3		
	59.3	63.7	65.6	67.8	68.4	69.9	70.6	70.9	71.4	72.1	72.1	72.7	72.8	73.7	74.6		
	62.0	66.8	68.8	71.2	71.9	73.3	74.1	74.3	74.8	75.6	75.6	76.2	76.3	77.2	78.0		
	62.7	67.5	69.5	72.0	72.6	74.1	74.8	75.1	75.6	76.3	76.3	76.9	77.0	77.9	78.8		
	64.3	69.5	71.5	74.0	74.6	76.2	77.0	77.3	77.8	78.5	78.5	79.1	79.3	80.1	81.0		
	65.2	70.6	72.7	75.2	75.8	77.4	78.3	78.5	79.0	79.8	79.8	80.4	80.5	81.4	82.2		
	65.6	71.2	73.3	75.8	76.4	78.0	79.0	79.4	79.9	80.6	80.6	81.2	81.4	82.2	83.1		
	66.0	71.7	73.8	76.7	77.3	78.9	79.9	80.2	80.7	81.5	81.5	82.1	82.2	83.1	84.0		
	66.5	72.2	74.4	77.4	78.1	79.9	81.0	81.5	82.0	82.7	82.7	83.3	83.5	84.4	85.3		
	66.8	72.6	74.9	78.0	78.8	80.5	81.7	82.3	82.8	83.6	83.6	84.2	84.3	85.3	86.2		
	67.0	73.3	75.7	78.9	79.6	81.6	82.8	83.6	84.1	84.8	84.8	85.4	85.6	86.5	87.4		
	67.2	73.6	76.2	80.0	81.0	83.2	84.7	85.4	86.3	87.0	87.0	87.7	87.8	88.8	89.6		
	67.3	73.8	76.7	80.7	81.9	84.1	86.3	87.2	88.1	88.9	88.9	89.6	89.8	90.7	91.6		
	67.3	74.0	76.8	81.0	82.1	84.3	87.0	87.9	89.1	89.9	90.1	90.9	91.1	92.3	93.3		
	67.4	74.1	76.9	81.1	82.2	84.4	87.3	88.1	89.5	90.9	91.5	93.0	93.3	94.9	97.7		
	67.4	74.1	76.9	81.1	82.2	84.4	87.3	88.1	89.5	90.9	91.5	93.3	93.7	95.7	99.3		
	67.4	74.1	76.9	81.1	82.2	84.4	87.3	88.1	89.5	90.9	91.5	93.3	93.7	95.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 810

L BAL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

GRAY AAF/FT LEWIS WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

2	36.8	38.	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	79.1
31.6	39.8	41.2	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3
32.0	40.1	41.6	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7
32.3	40.5	42.0	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
33.0	42.2	43.9	44.6	44.9	44.9	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1
34.7	43.3	44.9	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3
35.1	43.8	45.4	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8
35.5	44.6	46.2	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
36.5	46.0	47.7	48.6	49.1	49.3	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
37.7	47.8	49.4	50.4	50.9	51.0	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4
38.9	49.6	51.2	52.2	52.7	52.8	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
40.4	52.3	54.1	55.3	55.8	55.9	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3
41.6	55.8	57.5	58.8	59.3	59.4	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8
44.1	60.7	62.5	63.8	64.3	64.4	64.7	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9
44.6	64.1	65.8	67.5	68.0	68.1	68.4	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8
45.7	67.2	69.4	71.1	71.6	71.7	72.0	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5
47.5	71.1	73.5	75.2	76.0	76.2	76.4	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
48.9	73.5	75.9	77.7	78.5	78.6	79.1	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8
49.3	74.7	77.2	78.9	79.9	80.0	80.5	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
49.9	77.9	80.7	82.5	83.6	83.7	84.2	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8
50.0	79.9	83.2	84.9	86.2	86.3	86.8	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4
50.1	81.1	84.8	86.7	88.0	88.1	88.6	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
50.1	81.4	85.7	87.5	88.9	89.0	89.5	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
50.1	81.9	86.7	88.5	90.2	90.5	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
50.1	81.9	86.9	88.8	90.5	90.7	91.7	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
50.1	82.3	87.4	89.3	91.4	91.7	92.8	93.3	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6
50.1	82.5	87.5	89.4	91.9	92.7	94.2	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
50.1	82.5	87.5	89.4	92.0	93.0	94.6	96.0	96.4	96.8	97.2	97.2	97.3	97.3	97.3	97.3
50.1	82.5	87.5	89.4	92.0	93.0	94.6	96.2	96.9	97.5	98.3	98.3	98.4	98.4	98.4	98.4
50.1	82.5	87.5	89.4	92.0	93.0	94.6	96.2	96.9	97.5	98.4	98.4	98.8	99.0	99.3	99.3
50.1	82.5	87.5	89.4	92.1	93.1	94.7	96.3	97.0	97.7	98.5	98.5	98.9	99.1	99.6	99.9
50.1	82.5	87.5	89.4	92.1	93.1	94.7	96.3	97.0	97.7	98.5	98.5	98.9	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 810

[illegible] CLIMATOLOGY BRANCH
[illegible] ETAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

41.7	46.2	46.5	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
46.1	51.2	51.7	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
46.7	51.6	52.1	52.3	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
46.9	51.9	52.3	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
47.7	52.8	53.3	53.6	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
48.0	53.2	53.7	54.0	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
48.5	54.2	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
48.5	54.2	54.7	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
50.6	56.7	57.2	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
52.1	59.0	59.5	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
53.3	61.1	61.6	62.2	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
54.5	63.3	64.2	64.8	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
56.3	66.2	67.3	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
58.5	71.4	72.7	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
61.1	76.7	78.3	79.0	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
77.2	80.9	82.4	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
85.8	85.7	87.9	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
86.7	88.1	90.4	91.1	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
86.7	89.0	91.2	92.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
86.7	90.2	92.7	93.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
86.7	91.6	94.1	94.9	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
87.1	92.2	95.1	95.9	96.9	97.2	97.3	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
87.1	92.2	95.3	96.2	97.2	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
87.1	92.2	95.3	96.4	97.5	97.9	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
87.3	92.2	95.3	96.4	97.9	98.3	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
87.3	92.2	95.3	96.5	98.0	98.5	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
87.1	92.2	95.3	96.5	98.0	98.5	98.8	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
87.0	92.2	95.3	96.5	98.0	98.5	98.8	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
87.1	92.2	95.3	96.5	98.0	98.5	98.9	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
87.1	92.2	95.3	96.5	98.0	98.5	98.9	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
87.1	92.2	95.3	96.5	98.0	98.5	98.9	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.
87.1	92.2	95.3	96.5	98.0	98.5	98.9	99.5	99.9	99.9	100.	0100.	0100.	0100.	0100.	0100.	0100.

TOTAL NUMBER OF OBSERVATIONS 610

USAF ETAC [illegible]

2

CEILING VERSUS VISIBILITY

44.	49.4	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
1.7	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
2.1	57.2	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	
2.2	57.3	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
3.	58.6	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	59.	
3.6	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
4.6	60.5	61.0	61.0	61.0	61.	61.	61.	61.	61.	61.	61.	61.	61.	61.	61.	
5.1	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
5.	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.	
5.8	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.	
6.	66.3	66.	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.	
7.	7.	70.	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.	
12.1	72.8	73.7	74.	74.	74.	74.	74.	74.	74.	74.	74.	74.	74.	74.	74.	
15.6	78.9	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.	
21.	84.6	85.8	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.	86.5	86.5	86.	
23.4	87.9	89.	89.9	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.	
25.5	91.5	93.	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.	
30.2	93.3	95.1	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.	
30.	93.3	95.1	95.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.	
31.2	93.6	95.7	96.3	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.	
33.4	94.2	96.	97.3	98.5	98.8	98.8	98.9	99.0	99.0	99.0	99.	99.1	99.1	99.	99.	
34.4	94.2	96.	97.4	98.6	99.0	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.	
37.4	94.2	96.	97.5	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
37.4	94.2	96.	97.5	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.81	0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.81	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.81	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.81	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
40.4	94.3	96.2	97.8	99.1	99.5	99.5	99.81	00.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 813

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

54.3	54.3	54.6	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
59.4	59.4	59.8	59.9	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
59.8	59.8	60.1	60.2	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
60.3	60.2	60.2	60.6	60.7	60.9	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
60.8	61.6	61.6	62.0	62.1	62.2	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
62.3	62.5	62.7	62.8	63.0	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
63.7	63.7	63.7	64.1	64.2	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
64.4	64.2	64.3	64.6	64.7	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
66.1	66.2	66.3	66.7	66.8	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
68.1	68.6	68.9	69.1	69.3	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
70.5	70.5	70.9	71.0	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.5	74.4	74.7	75.2	75.4	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.5	76.7	77.0	77.5	77.8	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
81.1	81.7	82.2	83.2	83.6	83.7	84.2	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
84.6	85.4	86.2	87.0	87.5	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
88.1	88.8	89.4	90.4	91.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
91.1	91.5	92.6	93.8	94.7	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
92.5	93.1	94.4	95.9	96.9	97.1	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
92.6	93.1	94.7	96.2	97.2	97.3	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
92.6	93.1	94.9	96.4	97.4	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
92.6	93.1	94.9	96.7	97.9	98.1	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
92.6	93.1	94.9	96.7	97.9	98.1	98.8	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0
92.6	93.1	94.9	96.8	98.0	98.3	98.9	99.4	99.5	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS _____

2

CEILING VERSUS VISIBILITY

AN ABRUPT LEADS AT 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

11.4	[illegible].7	61.[illegible]	61.7	61.9	62.0	62.0	62.0	62.0	62.5	62.[illegible]	63.5	63.6	[illegible]	[illegible]	[illegible]	[illegible]
11.[illegible]	62.6	62.[illegible]	63.6	63.7	63.8	63.8	63.8	64.1	64.3	64.3	64.3	64.4	64.4	64.4	64.4	[illegible]
11.[illegible]	62.6	63.[illegible]	63.6	63.7	63.8	63.8	63.8	64.1	64.3	64.3	64.3	64.4	64.4	64.4	[illegible]	[illegible]
11.[illegible]	62.7	63.[illegible]	63.7	63.8	64.0	64.0	64.0	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.6	[illegible]
11.[illegible]	63.[illegible]	63.2	64.[illegible]	64.1	64.2	64.2	64.2	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	[illegible]
11.[illegible]	64.1	64.3	65.1	65.2	65.3	65.3	65.3	65.6	65.8	65.8	65.8	65.9	65.9	65.9	65.9	[illegible]
11.[illegible]	65.2	65.4	66.2	66.3	66.4	66.4	66.4	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	[illegible]
11.[illegible]	65.6	65.8	66.5	66.7	66.8	66.8	66.8	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.4	[illegible]
11.[illegible]	66.8	67.0	67.8	67.9	68.0	68.0	68.0	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	[illegible]
11.[illegible]	67.9	68.2	69.0	69.1	69.3	69.3	69.3	69.5	69.8	69.9	69.9	70.2	70.2	70.2	70.2	[illegible]
12.[illegible]	69.3	69.5	70.5	70.6	70.7	70.7	70.7	71.0	71.2	71.4	71.4	71.5	71.5	71.5	71.5	[illegible]
12.3	74.1	74.7	75.4	75.6	75.7	75.7	75.7	75.9	76.2	76.3	76.3	76.4	76.4	76.4	76.4	[illegible]
12.5	77.7	78.3	79.1	79.1	79.3	79.3	79.3	79.5	79.9	79.9	79.9	80.0	80.0	80.0	[illegible]	[illegible]
12.[illegible]	[illegible].9	81.7	82.7	82.8	83.0	83.0	83.0	83.2	83.5	83.6	83.6	83.7	83.7	83.7	83.7	[illegible]
12.[illegible]	85.2	86.[illegible]	87.2	87.4	87.5	87.5	87.5	87.8	88.[illegible]	88.1	88.1	88.3	88.3	88.3	88.3	[illegible]
12.[illegible]	87.0	88.3	89.4	89.6	89.8	89.9	89.9	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	[illegible]
13.[illegible]	88.1	90.[illegible]	91.9	92.1	92.5	92.6	92.6	92.[illegible]	93.1	93.2	93.2	93.3	93.3	93.3	93.3	[illegible]
13.[illegible]	90.7	92.[illegible]	[illegible].2	94.4	94.9	95.2	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	[illegible]
13.[illegible]	90.[illegible]	92.[illegible]	[illegible].3	94.6	95.1	95.3	95.3	95.6	95.8	95.9	95.9	96.[illegible]	96.[illegible]	96.[illegible]	96.[illegible]	[illegible]
13.[illegible]	91.7	93.6	95.4	95.8	96.3	96.5	96.5	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.3	[illegible]
13.[illegible]	92.[illegible]	94.1	95.9	96.3	96.8	97.0	97.0	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8	[illegible]
13.[illegible]	92.1	94.2	96.[illegible]	96.5	97.0	97.3	97.3	97.7	97.9	98.[illegible]	98.0	98.1	98.1	98.1	98.1	[illegible]
13.[illegible]	92.2	94.3	96.2	96.7	97.2	97.4	97.4	97.8	98.0	98.1	98.1	98.3	98.3	98.3	98.3	[illegible]
13.[illegible]	92.2	94.4	96.3	96.9	97.4	97.7	97.7	98.0	98.3	98.4	98.4	98.5	98.5	98.5	98.5	[illegible]
13.[illegible]	92.3	94.6	96.4	97.0	97.5	97.8	97.8	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	[illegible]
13.[illegible]	92.3	94.6	96.4	97.0	97.5	97.8	97.8	98.1	98.4	98.5	98.5	98.6	98.6	98.6	98.6	[illegible]
13.[illegible]	92.3	94.6	96.4	97.0	97.5	97.8	97.8	98.2	98.5	98.6	98.6	98.8	98.8	98.8	98.8	[illegible]
13.[illegible]	92.3	94.7	96.5	97.2	97.7	97.9	97.9	98.5	98.8	98.9	98.9	99.[illegible]	99.[illegible]	99.[illegible]	99.[illegible]	[illegible]
13.[illegible]	92.3	94.7	96.5	97.2	97.7	98.0	98.0	98.6	98.9	99.[illegible]	99.[illegible]	99.1	99.1	99.1	99.1	[illegible]
13.[illegible]	92.3	94.[illegible]	96.5	97.2	97.7	98.1	98.3	98.9	99.1	99.3	99.3	99.4	99.4	99.4	99.4	[illegible]
13.1	92.3	94.7	96.5	97.2	97.7	98.1	98.3	98.9	99.1	99.3	99.3	99.4	99.4	99.5	[illegible]	[illegible]
13.1	92.3	94.7	96.5	97.2	97.7	98.1	98.3	98.9	99.1	99.3	99.3	99.4	99.4	99.5	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]

...AL CLIMATOLOGY BRANCH
...ETAC
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

... DAY AAF/FT LEE...D, VA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

...4	46.2	47.1	47.9	48.4	48.6	48.8	48.9	48.9	49.2	49.4	49.4	49.5	49.6	49.6		.1	
...2	49.3	50.7	51.1	51.6	51.8	52.1	52.2	52.3	52.5	52.7	52.7	52.9	53.0	53.1		53.4	
...7	49.5	50.6	51.3	51.9	52.1	52.3	52.4	52.5	52.8	52.9	52.9	53.1	53.2	53.4		53.6	
...2	49.7	5 .7	51.5	52.1	52.3	52.5	52.6	52.7	53.0	53.1	53.1	53.3	53.3	53.5		53.8	
...5	5 .7	51.8	52.5	53.1	53.3	53.5	53.6	53.7	54.0	54.0	54.2	54.3	54.4	54.5		54.9	
...8	51.5	52.4	53.4	54.0	54.2	54.4	54.5	54.6	54.9	55.0	55.2	55.3	55.5	55.6		55.7	
...7	52.6	53.7	54.5	55.1	55.3	55.5	55.6	55.7	56.0	56.1	56.1	56.3	56.4	56.5		56.6	
...1	53.2	54.0	55.1	55.7	55.9	56.1	56.2	56.3	56.6	56.7	56.7	56.9	57.0	57.0		57.1	
...	53.9	54.7	55.9	57.5	57.7	58.0	58.1	58.2	58.5	58.7	58.7	58.8	58.9	59.0		59.1	
...9	56.6	57.7	58.6	59.3	59.5	59.8	59.9	60.0	60.3	60.5	60.5	60.6	60.7	60.8		61.0	
...5	5 .2	59.1	60.2	60.9	61.1	61.4	61.5	61.6	61.9	62.1	62.1	62.2	62.3	62.5		62.6	
...1	61.8	63.1	64.0	64.7	64.9	65.2	65.3	65.4	65.7	65.9	65.9	66.0	66.1	66.3		66.4	
...1	64.6	65.9	66.9	67.6	67.8	68.1	68.3	68.4	68.7	68.9	68.9	69.0	69.1	69.3		69.4	
...9	6 .1	70.1	71.8	72.6	72.8	73.2	73.3	73.4	73.7	73.9	73.9	74.1	74.2	74.4		74.6	
34.4	...3	75.1	76.3	77.2	77.4	77.8	78.0	78.1	78.4	78.6	78.6	78.7	78.8	79.0		79.1	
3...	...1	77.9	79.2	80.3	80.5	81.0	81.1	81.2	81.5	81.6	81.7	81.9	82.0	82.2		82.4	
3...	74.4	81.1	83.1	84.2	84.5	85.0	85.2	85.3	85.6	85.8	85.8	85.9	86.0	86.2		86.5	
3...	81.8	84.2	85.7	87.0	87.3	87.9	88.1	88.2	88.5	88.7	88.7	88.8	88.9	89.1		89.4	
3...	8 .2	84.6	86.2	87.5	87.9	88.4	88.6	88.7	89.0	89.2	89.2	89.4	89.5	89.7		89.9	
3...	83.6	86.2	87.8	89.2	89.6	90.1	90.4	90.5	90.8	91.0	91.0	91.1	91.2	91.4		91.7	
3...	84.5	87.2	88.9	9 .4	91.7	91.3	91.6	91.7	92.0	92.0	92.2	92.4	92.5	92.7		92.9	
3...	85.2	87.9	89.6	91.1	91.5	92.0	92.4	92.5	92.9	93.1	93.1	93.2	93.3	93.5		93.8	
3...	85.2	88.0	90.3	91.6	91.9	92.5	92.9	93.	93.3	93.5	93.5	93.7	93.8	94.0		94.2	
3...	85.4	88.6	90.4	92.0	92.5	93.1	93.5	93.7	94.1	94.2	94.2	94.3	94.4	94.6		94.9	
3...	85.6	88.8	90.6	92.4	92.8	93.5	93.9	94.1	94.4	94.6	94.6	94.7	94.8	95.0		95.1	
3...	85.7	89.0	90.8	92.7	93.1	93.8	94.3	94.5	94.8	95.0	95.0	95.2	95.2	95.5		95.7	
3...	85.8	89.2	91.1	93.1	93.6	94.4	95.0	95.2	95.6	95.8	95.8	96.0	96.0	96.3		96.5	
3...	85.9	89.3	91.2	93.3	93.9	94.8	95.5	95.8	96.3	96.5	96.5	96.7	96.8	97.0		97.3	
3...	85.9	89.4	91.3	93.5	94.1	95.0	95.8	96.2	96.6	97.1	97.1	97.3	97.4	97.7		98.0	
3...	85.9	89.4	91.3	93.5	94.1	95.1	96.0	96.4	97.0	97.4	97.5	97.9	98.1	98.4		98.8	
3...	85.9	89.4	91.3	93.5	94.1	95.2	96.1	96.5	97.0	97.5	97.6	98.1	98.3	98.8		99.2	
3...	85.9	89.4	91.3	93.5	94.1	95.2	96.1	96.5	97.1	97.5	97.6	98.2	98.4	98.8		100.0	

TOTAL NUMBER OF OBSERVATIONS 5402

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.2	32.3	3[illegible]	39.9	43.2	43.8	45.4	46.4	46.[illegible]	47.8	48.[illegible]	48.1	49.6	49.2	49.[illegible]	[illegible]	..
.2	32.[illegible]	3[illegible]	41.8	45.3	45.9	47.6	48.6	48.9	50.1	50.[illegible]	50.4	52.9	51.5	52.[illegible]	[illegible]	[illegible]
.2	33.9	3[illegible]	41.5	45.3	45.9	47.6	48.6	48.9	50.1	50.[illegible]	50.4	50.9	51.[illegible]	52.[illegible]	[illegible]	[illegible]
.2	34.1	3[illegible]	41.[illegible]	45.4	46.[illegible]	47.7	48.7	49.[illegible]	50.2	50.4	50.5	51.0	51.6	52.1	[illegible]	[illegible]
.2	34.1	3[illegible]	41.[illegible]	45.4	46.[illegible]	47.7	48.7	49.[illegible]	50.2	50.4	50.5	51.[illegible]	51.[illegible]	[illegible]2.1	[illegible]	[illegible]
.2	34.4	3[illegible]	42.3	45.9	46.5	47.1	49.2	49.5	50.7	50.9	51.2	51.5	52.1	52.6	53.[illegible]	[illegible]
.3	[illegible].4	40.[illegible]	44.3	47.9	48.5	50.[illegible]	51.3	51.5	52.7	52.9	53.[illegible]	53.5	54.1	54.[illegible]	55.[illegible]	[illegible]
.3	[illegible].[illegible]	41.1	44.9	46.5	49.1	50.9	51.9	52.1	53.3	53.5	53.6	54.1	54.7	55.2	55.9	[illegible]
.3	[illegible].1	43.5	47.3	50.9	51.5	53.2	54.2	54.5	55.7	55.9	56.[illegible]	56.5	57.1	57.6	58.[illegible]	[illegible]
.3	41.6	47.[illegible]	49.8	53.4	54.0	55.7	56.6	57.[illegible]	58.2	58.4	58.5	59.[illegible]	59.6	60.1	60.8	[illegible]
.3	43.2	47.9	51.7	54.[illegible]	55.9	57.6	58.7	58.9	60.1	60.[illegible]	60.5	60.9	61.5	62.[illegible]	[illegible]	[illegible]
.3	47.6	52.4	56.6	6 .3	60.9	62.8	63.9	64.[illegible]	65.5	65.7	65.8	66.[illegible]	66.9	67.4	68.1	[illegible]
.3	4[illegible].6	54.4	58.7	60.2	62.8	64.8	65.8	66.[illegible]	67.4	67.6	67.7	68.2	68.8	69.3	[illegible]	[illegible]
.3	55.[illegible]	6 .9	65.7	69.[illegible]	69.9	72.[illegible]	73.1	73.5	74.8	75.[illegible]	75.1	75.6	76.2	76.7	77.4	[illegible]
.1	5[illegible].3	64.[illegible]	69.9	73.6	74.2	76.6	77.7	78.[illegible]	79.3	79.7	79.[illegible]	80.4	[illegible]1.2	81.5	82.[illegible]	[illegible]
.1	61.6	67.[illegible]	72.6	76.3	77.1	8[illegible].[illegible]	81.1	81.5	82.8	83.[illegible]	83.3	83.9	84.5	84.9	85.7	[illegible]
.1	62.7	69.9	75.0	78.9	79.6	82.8	83.9	84.[illegible]	85.5	85.9	86.[illegible]	86.6	87.[illegible]	87.7	88.4	[illegible]
.1	64.8	71.3	76.6	80.5	81.2	84.6	85.8	86.1	87.5	87.8	87.9	88.5	89.1	89.4	90.1	[illegible]
.1	65.6	72.[illegible]	77.4	81.4	82.1	85.5	86.7	87.[illegible]	88.4	88.8	88.9	89.5	90.[illegible]	90.6	91.3	[illegible]
.1	67.3	73.[illegible]	79.0	83.[illegible]	83.8	87.3	88.5	88.9	90.2	90.[illegible]	90.8	91.4	92.[illegible]	92.5	93.2	[illegible]
.1	67.6	74.[illegible]	79.6	83.6	84.3	87.9	89.1	89.5	90.8	91.[illegible]	91.4	92.[illegible]	92.6	93.1	93.8	[illegible]
.1	67.7	74.3	79.7	83.8	84.5	88.1	89.2	89.6	90.9	91.4	91.5	92.1	92.7	93.2	93.9	[illegible]
.1	67.7	74.3	79.7	84.0	84.7	88.3	89.5	89.8	91.2	91.6	91.8	92.4	93.[illegible]	93.4	94.1	[illegible]
.1	68.2	74.9	80.3	84.6	85.3	88.9	90.1	90.4	91.8	92.2	92.4	93.[illegible]	93.5	94.[illegible]	94.7	[illegible]
.1	68.2	74.9	80.3	84.6	85.3	88.9	90.1	90.4	91.8	92.2	92.4	93.[illegible]	93.5	94.[illegible]	94.7	[illegible]
.1	68.2	75.[illegible]	80.4	84.8	85.5	89.1	90.3	90.7	92.[illegible]	92.5	92.6	93.2	93.8	94.3	95.[illegible]	[illegible]
.1	68.2	75.[illegible]	80.6	85.1	85.8	89.4	90.6	90.9	92.2	92.[illegible]	92.8	93.4	94.[illegible]	94.5	95.2	[illegible]
.1	68.2	75.[illegible]	80.6	85.1	85.8	89.4	90.6	90.9	92.4	92.8	93.[illegible]	93.5	94.1	94.8	95.3	[illegible]
.1	68.3	75.1	80.8	85.2	85.9	89.5	90.8	91.2	92.6	93.1	93.2	93.8	94.4	94.9	95.6	[illegible]
.1	6[illegible].3	75.1	80.8	85.2	85.9	89.5	90.8	91.2	92.6	93.3	93.4	94.[illegible]	94.7	95.3	96.2	[illegible]
.1	6[illegible].3	75.1	80.8	85.2	85.9	89.5	90.8	91.2	92.7	93.4	93.5	94.4	95.1	95.9	96.4	[illegible]
.1	6[illegible].3	75.1	80.8	85.2	85.9	89.5	90.8	91.2	92.7	93.4	93.5	94.5	95.2	96.2	[illegible]0.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS _____

...AL CLIMATOLOGY BRANCH
...TAC
2 ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAFB/ET LEWIS AA 73-81 ... ...GT

PERCENTAGE FREQUENCY OF OCCURRENCE ...-2200
FROM HOURLY OBSERVATIONS

...2	22.9	24.6	26.6	29.6	29.9	30.1	33.0	33.5	34.6	35.4	35.4	36.7	36.8	37.4	37.9
1.1	24.3	25.1	28.1	31.3	31.5	33.9	34.8	35.2	36.4	37.2	37.2	38.6	38.7	39.3	39.7
1.1	24.3	26.1	28.1	31.3	31.5	33.9	34.8	35.2	36.6	37.3	37.3	38.7	38.8	39.5	39.9
1.1	24.4	26.2	28.2	31.4	31.7	34.1	34.9	35.4	36.7	37.4	37.4	38.8	38.9	39.7	40.1
1.1	24.9	26.6	28.8	32.2	32.3	34.8	35.6	36.1	37.4	38.1	38.1	39.5	39.7	40.4	40.7
1.3	25.7	27.5	29.6	33.1	33.3	35.8	36.7	37.2	38.6	39.3	39.3	40.7	40.9	41.6	41.9
1.3	27.6	29.4	31.5	35.1	35.4	37.9	38.7	39.2	40.6	41.3	41.3	42.8	42.9	43.6	44.0
1.5	28.1	29.9	32.0	35.7	36.0	38.5	39.3	39.8	41.2	41.9	41.9	43.4	43.5	44.2	44.6
1.6	29.6	31.4	33.7	37.8	38.0	40.5	41.3	41.8	43.2	44.0	44.1	45.4	45.5	46.2	46.6
1.4	30.7	32.5	34.8	38.8	39.1	41.6	42.4	42.9	44.3	45.1	45.2	46.5	46.6	47.3	47.7
1.6	33.1	35.0	37.4	41.5	41.7	44.2	45.0	45.5	47.0	47.7	47.7	49.1	49.2	49.9	50.3
1.9	37.9	40.1	42.5	46.7	47.0	49.5	50.3	50.8	52.2	52.9	52.9	54.4	54.5	55.2	55.6
2.0	41.5	43.6	46.5	50.7	50.9	53.4	54.2	54.7	56.2	56.9	56.9	58.3	58.4	59.1	59.5
2.2	43.1	45.4	51.4	55.7	55.9	58.9	59.7	60.2	61.6	62.4	62.4	63.8	63.9	64.6	65.0
2.4	49.6	52.4	55.4	60.1	60.3	63.3	64.2	64.6	66.1	66.9	66.8	68.2	68.3	69.1	69.4
2.7	53.5	56.5	59.5	64.4	64.6	67.6	68.5	68.9	70.4	71.1	71.1	72.5	72.6	73.4	73.7
2.7	55.7	59.7	62.0	66.9	67.1	70.4	71.2	71.7	73.1	73.8	73.8	75.3	75.4	76.1	76.5
2.7	57.8	61.4	64.6	69.8	70.0	73.5	74.3	74.8	76.2	76.9	76.9	78.4	78.5	79.2	79.6
2.7	58.5	62.4	65.4	70.5	70.7	74.2	75.1	75.6	77.1	77.8	77.8	79.2	79.3	80.0	80.4
2.8	60.2	64.2	67.1	72.3	72.5	76.1	77.1	77.5	79.0	79.7	79.7	81.1	81.2	82.0	82.3
2.8	60.7	64.6	68.0	73.2	73.5	77.1	78.0	78.5	79.9	80.6	80.6	82.1	82.2	82.9	83.3
2.8	61.3	65.4	68.8	74.1	74.3	77.9	78.9	79.3	80.8	81.5	81.5	82.9	83.0	83.8	84.1
2.8	61.5	65.7	69.2	74.4	74.7	78.3	79.2	79.7	81.1	81.8	81.8	83.3	83.4	84.1	84.5
2.8	62.0	66.2	69.8	75.0	75.3	79.0	79.9	80.5	82.0	82.7	82.7	84.1	84.2	84.9	85.3
2.8	62.0	66.2	69.8	75.0	75.3	79.0	79.9	80.5	82.0	82.7	82.7	84.1	84.2	84.9	85.3
2.8	62.5	66.7	70.4	75.7	76.2	80.2	81.1	81.7	83.2	83.9	83.9	85.3	85.4	86.1	86.5
2.8	63.6	67.9	70.7	76.2	76.7	80.8	81.7	82.3	83.9	84.6	84.6	86.1	86.1	86.9	87.2
2.8	63.2	67.4	71.1	76.7	77.2	81.2	82.3	83.0	84.7	85.4	85.4	86.9	87.2	88.1	88.4
2.8	63.2	67.4	71.1	76.8	77.3	81.4	82.6	83.4	85.4	86.1	86.1	87.7	88.1	89.1	89.6
2.8	63.3	67.6	71.3	77.5	78.0	82.2	83.8	84.6	86.9	88.2	88.2	89.8	90.2	91.2	92.7
2.8	63.4	67.7	71.4	77.7	78.1	82.3	83.9	84.7	87.0	88.4	88.5	90.2	91.8	94.3	97.4
2.8	63.4	67.7	71.4	77.7	78.1	82.3	83.9	84.7	87.0	88.4	88.5	90.8	91.9	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 837

...

...RAL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT ... 73-81 ... ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	.7	17.2	19.5	19.6	22.0	22.1	22.7	23.3	23.7	23.9	24.1	24.1	24.1	24.2	24.6		
	1 .4	1 .8	21.6	23.1	25.4	25.6	26.3	27.0	27.1	27.7	28.0	28.0	28.9	29.1	29.4		
	1 .4	2 .0	21.7	23.2	25.6	25.7	26.4	27.1	27.2	27.8	28.1	28.1	29.0	29.2	29.5		
	1 .4	2 .0	21.8	23.3	25.7	25.8	26.5	27.2	27.4	28.0	28.2	28.2	29.2	29.3	29.6		
	1.1	21.1	23.1	24.6	27.1	27.2	28.0	28.7	28.8	29.4	29.9	29.9	30.8	30.9	31.2		
	12.0	22.9	24.8	26.4	28.9	29.0	29.7	30.5	30.6	31.2	31.7	31.7	32.6	32.7	33.1		
	17.3	24.6	26.5	28.1	30.7	30.8	31.5	32.3	32.4	33.0	33.5	33.5	34.4	34.5	34.9		
	13.7	25.4	27.4	28.9	31.5	31.7	32.4	33.2	33.3	33.9	34.4	34.4	35.4	35.5	35.8		
	14.5	27.6	29.7	31.4	34.3	34.4	35.2	36.1	36.3	36.9	37.4	37.4	38.4	38.5	38.8		
	14.7	28.4	30.6	32.3	35.1	35.2	36.1	36.9	37.2	37.8	38.2	38.2	39.2	39.3	39.7		
	15.1	30.6	32.7	34.5	37.4	37.5	38.4	39.2	39.4	40.0	40.5	40.5	41.5	41.6	41.9		
	15.9	34.5	36.3	38.7	41.6	41.7	42.5	43.5	44.0	44.6	45.0	45.0	46.2	46.1	46.5		
	17.7	37.4	40.1	41.9	44.8	44.9	45.8	46.7	47.2	47.8	48.3	48.3	49.2	49.3	49.7		
	17.8	41.6	44.2	46.2	49.6	49.7	50.5	51.5	52.0	52.6	53.0	53.0	54.0	54.1	54.5		
	18.8	43.2	47.8	49.9	53.3	53.4	54.6	55.7	56.0	57.1	57.6	57.6	58.5	58.7	59.0		
	19.0	44.9	52.7	55.0	58.4	58.5	59.7	60.8	61.3	62.2	62.7	62.7	63.7	63.8	64.2		
	20.2	52.3	55.2	57.5	6 .9	61.1	62.4	63.6	64.1	65.0	65.7	65.8	66.8	66.9	67.3		
	20.2	53.8	56.9	59.5	63.4	63.9	65.7	66.9	67.5	68.5	69.2	69.3	70.3	70.4	70.7		
	20.7	54.2	57.6	60.2	64.3	64.9	66.7	67.9	68.5	69.4	70.1	70.3	71.2	71.3	71.7		
	20.8	55.7	59.4	62.1	66.2	66.8	68.6	70.0	70.6	71.6	72.3	72.4	73.4	73.5	73.8		
	21.0	56.4	60.2	63.1	67.3	67.9	69.7	71.1	71.7	72.6	73.4	73.5	74.4	74.6	74.9		
	21.1	56.6	60.5	63.3	67.7	68.3	70.1	71.8	72.4	73.4	74.1	74.2	75.1	75.3	75.7		
	21.1	57.3	61.2	64.3	68.8	69.5	71.4	73.1	73.8	74.8	75.5	75.6	76.6	76.7	77.2		
	21.1	57.3	61.3	64.5	69.2	69.9	71.8	73.5	74.2	75.1	75.9	76.0	76.9	77.1	77.5		
	21.1	57.5	61.4	64.8	69.7	70.5	72.4	74.1	74.8	75.9	76.6	76.7	77.7	77.8	78.3		
	21.1	57.8	61.8	65.2	70.4	71.2	73.4	75.1	76.0	77.1	77.8	77.9	78.9	79.0	79.5		
	21.1	57.8	61.9	65.5	70.8	71.7	74.0	75.9	77.1	78.1	78.9	79.0	80.0	80.2	80.6		
	21.1	57.8	61.9	65.7	71.4	72.3	74.7	76.9	78.4	79.8	80.8	80.9	82.3	82.4	82.9		
	21.1	57.8	61.9	65.7	72.0	72.9	75.4	77.9	79.7	81.6	82.9	83.0	84.9	85.1	85.8		
	21.1	57.8	61.9	65.7	72.3	73.1	75.6	78.1	79.7	82.3	84.7	84.8	87.7	87.8	89.2		
	21.1	57.8	61.9	65.7	72.3	73.1	75.6	78.1	79.8	82.7	85.3	85.4	88.8	89.2	92.0		
	21.1	57.8	61.9	65.7	72.3	73.1	75.6	78.1	79.8	82.7	85.3	85.4	88.9	89.2	92.7		

TOTAL NUMBER OF OBSERVATIONS ...

...SAF ETA ... ...HRS OF A ... ...

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] BAY AAF/FT LEWIS WA 73-81 [illegible] OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]-[illegible]

14.[illegible]	23.8	25.[illegible]	25.7	26.4	26.5	27.1	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.6	27.6
18.9	28.3	31.[illegible]	31.9	32.0	32.1	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.3	33.3	33.3
19.1	29.7	31.[illegible]	31.3	32.4	32.5	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.7
19.1	29.8	31.7	31.4	32.5	32.6	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.8	33.9	33.9
20.4	31.6	32.6	33.3	34.4	34.5	35.2	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7
21.7	32.6	34.6	35.4	36.4	36.6	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.8	37.8
22.[illegible]	34.4	36.4	37.2	38.2	38.4	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.5	39.5
23.[illegible]	35.5	37.[illegible]	38.2	39.3	39.4	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.6	40.6
24.[illegible]	37.3	39.4	40.1	41.2	41.3	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.7	42.7
25.6	38.8	41.0	41.7	42.8	42.9	43.8	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.3	44.3
25.[illegible]4	40	42.2	42.9	44.0	44.2	45.2	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6
28.3	43.7	45.9	46.6	47.7	47.9	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.5	49.5
29.6	46.[illegible]	50.5	51.3	52.4	52.6	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.4	54.4
32.1	53.3	56.[illegible]	56.8	58.2	58.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1
33.5	57.6	60.[illegible]	61.1	62.7	63.2	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8
34.[illegible]	59.7	62.7	63.6	65.2	65.7	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6	67.6
37.5	62.8	66.4	67.4	69.3	69.8	71.2	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9
38.1	64.6	68.5	69.5	71.8	72.4	74.0	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.9	74.9
38.2	64.8	68.6	69.7	72.0	72.6	74.2	74.7	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.1
38.9	66.3	70.5	71.6	74.2	74.8	76.6	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.7	77.7
39.5	67.6	71.9	73.4	76.2	76.8	78.6	79.2	79.3	79.3	79.5	79.5	79.5	79.5	79.7	79.7
39.6	68.6	73.1	74.8	78.1	78.7	80.5	81.1	81.2	81.2	81.4	81.4	81.4	81.4	81.6	81.6
39.6	69.2	73.7	75.9	79.3	80.0	82.0	82.6	82.7	82.7	82.8	82.8	82.8	82.8	83.0	83.0
39.6	69.3	74.1	76.5	80.3	81.1	83.2	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.3	84.3
39.6	69.3	74.1	76.7	80.5	81.4	83.6	84.2	84.3	84.3	84.6	84.6	84.6	84.6	84.8	84.8
39.6	69.3	74.1	77.2	81.1	82.2	84.8	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.4	86.4
39.6	69.3	74.1	77.3	82.2	83.3	86.3	87.8	88.1	88.2	88.5	88.5	88.5	88.5	88.8	88.8
39.6	69.4	74.2	77.5	82.4	83.6	87.2	89.1	89.5	90.2	90.6	90.6	90.6	90.6	90.9	90.9
39.6	69.4	74.2	77.5	82.4	83.6	87.3	89.4	90.4	92.0	92.8	92.8	93.4	93.5	94.0	94.1
39.6	69.4	74.3	77.7	82.6	83.8	87.5	89.5	90.8	92.5	93.5	93.5	94.3	94.9	95.9	96.9
39.6	69.4	74.3	77.7	82.6	83.8	87.6	89.6	90.9	92.6	93.7	93.7	94.6	95.2	96.7	99.5
39.6	69.4	74.3	77.7	82.6	83.8	87.6	89.6	90.9	92.6	93.7	93.7	94.7	95.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] AAF/ST LEWIS MO 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

[illegible]	36.3	37.2	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	[illegible]
1.1	43.1	44.2	45.4	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
1.3	43.4	44.4	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
1.3	43.6	44.7	45.9	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
3.	45.5	46.6	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
34.6	47.6	48.6	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
36.3	49.7	50.8	52.1	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
37.8	51.1	52.2	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
38.5	52.8	53.9	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
39.4	54.2	55.4	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible].9	55.6	56.8	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
42.1	58.3	59.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
42.7	6 .9	62.1	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
46.1	66.2	67.6	69.2	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
[illegible].3	71.7	73.1	74.7	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
80.5	76.3	77.8	79.3	80.5	80.6	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
2.0	80.4	82.1	83.8	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
88.5	82.9	84.7	86.6	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
3.2	83.4	85.2	87.1	88.5	88.6	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
3.6	85.4	87.3	89.6	91.3	91.6	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
4.0	86.6	88.5	91.2	93.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
94.3	86.7	88.8	91.9	94.0	94.4	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
4.	86.9	88.9	92.2	94.6	95.0	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
4.	87.0	89.0	92.4	94.7	95.3	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
4.0	87.0	89.	92.7	95.2	95.9	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
4.0	87.0	89.0	92.7	95.2	95.9	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
4.0	87.0	89.1	92.8	95.5	96.2	97.4	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
4.0	87.0	89.1	92.8	95.5	96.2	97.5	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0
4.0	87.0	89.1	92.8	95.5	96.2	97.5	98.8	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8
4.0	87.0	89.1	92.8	95.5	96.2	97.5	98.8	99.2	99.4	99.9	99.9100	.0100	.0100	.0100	.0100	.0
4.	87.0	89.1	92.8	95.5	96.2	97.5	98.8	99.2	99.4	99.9	99.9100	.0100	.0100	.0100	.0100	.0
4.	87.0	89.1	92.8	95.5	96.2	97.5	98.8	99.2	99.4	99.9	99.9100	.0100	.0100	.0100	.0100	.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] 0-145 OL-A [illegible]

L AL CLIMATOLOGY BRANCH
AFETAC
2 A WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] GRAY AAF/FT LEWIS WA 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible] 46.6 47.4 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6 47.6
43.7 52.9 53.6 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9 53.9
44.1 53.4 54.4 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5 54.5
44.2 53.6 54.6 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7 54.7
45.1 55.0 56.1 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2 56.2
46.6 56.8 57.8 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9 57.9
47.2 59.1 60.2 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3 60.3
48.4 59.7 60.8 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9 60.9
48.5 62.2 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
51.0 64.5 65.7 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8 65.8
51.9 66.8 68.1 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
53.6 71.0 71.3 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4 71.4
54.2 72.3 73.6 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7 73.7
56.9 77.9 79.6 79.7 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8 79.8
57.8 83.5 85.5 85.7 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9 85.9
58.4 86.9 89. 89.4 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
59.0 90.6 93.0 93.3 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1 94.1
60.1 91.5 94.4 94.9 95.7 95.7 95.7 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8 95.8
60.1 91.9 94.7 95.5 96.3 96.3 96.3 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4 96.4
60.2 92.5 95.5 96.2 97.0 97.0 97.0 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1 97.1
60.2 92.8 96.1 96.9 97.7 97.7 97.8 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0 98.0
60.2 92.8 96.2 97.1 98.0 98.0 98.2 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3 98.3
60.2 92.8 96.2 97.1 98.1 98.2 98.4 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6 98.6
60.2 92.8 96.2 97.1 98.1 98.3 98.6 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7 98.7
60.2 92.8 96.2 97.3 98.2 98.4 98.7 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8 98.8
60.2 92.8 96.2 97.3 98.2 98.4 98.8 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9 98.9
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.3 99.3 99.6 99.6 99.6 99.6 99.6 99.6 99.6 99.6
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.6 99.6100.0100.0100.0100.0100.0100.0100.0100.0
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.6 99.6100.0100.0100.0100.0100.0100.0100.0100.0
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.6 99.6100.0100.0100.0100.0100.0100.0100.0100.0
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.6 99.6100.0100.0100.0100.0100.0100.0100.0100.0
60.2 92.8 96.2 97.3 98.2 98.4 98.8 99.6 99.6100.0100.0100.0100.0100.0100.0100.0100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC [illegible] PRIOR EDITIONS OF THIS PUBLICATION ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LE...IS MA 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-2000

16.9	46.5	46.6	47.4	47.9	47.9	48.4	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7
17.3	49.7	50.8	51.6	52.1	52.1	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9
17.3	49.8	51.	51.9	52.3	52.3	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
17.3	49.8	51.7	51.9	52.3	52.3	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.2
17.6	51.7	52.2	53.0	53.5	53.5	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4
18.8	53.8	55.1	55.8	56.3	56.3	56.8	56.8	56.8	57.1	57.2	57.0	57.0	57.0	57.0	57.0	57.1
19.0	55.9	57.1	57.9	58.7	58.7	59.1	59.1	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5
19.0	56.2	57.3	58.2	58.9	58.9	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7
20.1	59.3	60.5	61.3	62.0	62.0	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8
20.2	60.5	61.6	62.5	63.2	63.2	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
20.5	62.0	63.4	64.3	65.0	65.0	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8
20.7	64.4	65.8	66.7	67.4	67.4	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
21.	66.3	69.8	70.6	71.4	71.4	71.9	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
21.2	74.9	77.1	77.9	78.7	78.9	79.5	79.5	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
22.0	79.6	82.	82.9	83.9	84.0	84.6	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.1
22.5	83.9	86.6	87.9	89.0	89.1	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
22.6	87.3	90.6	91.9	93.0	93.1	93.7	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3
22.6	88.6	92.1	93.7	94.7	94.9	95.5	95.6	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
22.6	88.8	92.2	93.8	94.9	95.0	95.6	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3
22.6	89.7	93.3	94.9	95.9	96.1	96.7	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
22.6	89.7	93.3	95.0	96.2	96.3	97.0	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
22.6	89.8	93.5	95.3	96.7	96.8	97.5	97.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.6
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.0	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.1	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.2
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.2	98.6	99.2	99.2	99.2	99.5	99.5	99.8	99.9	
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.2	98.6	99.2	99.2	99.2	99.5	99.5	99.8	99.9	
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.2	98.6	99.2	99.2	99.2	99.5	99.5	99.8	99.9	
22.6	89.8	93.5	95.3	96.7	96.8	97.8	98.2	98.6	99.2	99.2	99.2	99.5	99.5	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 877

USA ETAC ... PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...RAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...DAY AAF/FT LE...TS ...A 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

21.0-2300

...3	43.1	45.3	47.1	48.5	49.6	49.5	49.8	50.2	50.2	50.3	50.3	50.9	51.0	51.3	51.7
...6	46.0	48.1	49.9	51.4	51.5	52.3	52.7	53.0	53.0	53.2	53.2	53.8	53.9	54.1	54.6
...6	46.4	48.5	50.3	51.7	51.9	52.7	53.0	53.4	53.4	53.5	53.5	54.1	54.2	54.5	55.0
...6	46.4	48.5	50.3	51.7	51.9	52.7	53.0	53.4	53.4	53.5	53.5	54.1	54.2	54.5	55.0
...6	47.2	49.3	51.1	52.6	52.7	53.5	53.9	54.2	54.2	54.4	54.4	55.0	55.1	55.3	55.8
5.7	49.0	51.1	52.9	54.4	54.5	55.3	55.7	56.0	56.0	56.2	56.2	56.8	56.9	57.1	57.6
6.1	50.3	52.6	54.4	55.8	55.9	56.9	57.2	57.6	57.6	57.7	57.7	58.3	58.4	58.7	59.1
6.2	51.0	53.3	55.1	56.5	56.6	57.6	57.9	58.3	58.3	58.4	58.4	59.0	59.1	59.4	59.9
6.7	54.2	56.5	58.3	59.7	59.9	60.9	61.3	61.6	61.6	61.8	61.8	62.4	62.5	62.7	63.2
6.9	55.6	58.1	59.9	61.3	61.4	62.5	62.8	63.2	63.2	63.3	63.3	63.9	64.0	64.3	64.8
6.9	57.2	59.5	61.3	62.7	62.8	63.9	64.3	64.6	64.6	64.8	64.8	65.4	65.5	65.7	66.2
7.1	60.8	63.2	65.1	66.9	67.1	68.3	68.7	69.1	69.1	69.2	69.2	69.8	69.9	70.1	70.6
7.2	63.4	65.9	67.9	69.7	69.9	71.1	71.4	71.8	71.8	71.9	71.9	72.5	72.6	72.9	73.4
7.6	69.3	71.8	73.8	76.0	76.2	77.4	77.8	78.1	78.1	78.3	78.3	78.9	79.0	79.3	79.8
7.8	74.1	77.2	79.3	81.6	81.8	83.0	83.4	83.8	83.8	83.9	83.9	84.5	84.6	84.9	85.4
7.8	76.3	79.5	82.1	84.3	84.6	85.9	86.3	86.6	86.6	86.7	86.7	87.3	87.5	87.8	88.3
7.8	79.8	83.2	86.4	88.8	89.0	90.7	91.0	91.4	91.4	91.5	91.5	92.1	92.2	92.6	93.1
7.8	81.1	84.3	87.8	90.2	90.4	92.1	92.5	93.0	93.0	93.1	93.1	93.7	93.8	94.1	94.6
7.8	81.6	84.9	88.4	90.8	91.0	92.7	93.1	93.5	93.5	93.7	93.7	94.3	94.4	94.7	95.2
7.8	82.0	85.4	89.0	91.4	91.6	93.5	93.9	94.4	94.4	94.5	94.5	95.1	95.2	95.6	96.1
7.8	82.2	85.7	89.4	91.8	92.0	93.9	94.3	94.7	94.7	94.9	94.9	95.5	95.6	95.9	96.4
7.8	82.3	85.8	89.6	92.0	92.2	94.1	94.5	95.0	95.1	95.2	95.2	95.8	95.9	96.3	96.8
7.8	82.7	86.1	90.0	92.4	92.6	94.5	94.9	95.3	95.5	95.6	95.6	96.2	96.3	96.7	97.1
7.8	82.7	86.1	90.0	92.4	92.6	94.5	94.9	95.3	95.5	95.6	95.6	96.2	96.3	96.7	97.1
7.8	82.9	86.4	90.2	92.6	92.8	94.7	95.1	95.6	95.7	95.8	95.8	96.4	96.5	96.9	97.4
7.8	83.0	86.5	90.3	92.7	93.0	94.9	95.2	95.7	95.8	95.9	95.9	96.5	96.7	97.0	97.5
7.8	83.2	86.6	90.4	92.8	93.1	95.0	95.3	95.8	95.9	96.1	96.1	96.7	96.8	97.1	97.6
7.8	83.2	86.6	90.4	92.8	93.1	95.0	95.3	95.8	95.9	96.1	96.1	96.8	96.9	97.4	97.8
7.8	83.2	86.6	90.4	92.8	93.1	95.0	95.5	95.9	96.2	96.3	96.3	97.0	97.1	97.6	98.1
7.8	83.2	86.6	90.6	93.0	93.2	95.1	95.6	96.1	96.4	96.5	96.5	97.3	97.4	98.0	98.4
7.8	83.2	86.6	90.6	93.0	93.2	95.1	95.6	96.1	96.4	96.5	96.5	97.3	97.4	98.1	99.0
7.8	83.2	86.6	90.6	93.0	93.2	95.1	95.6	96.1	96.4	96.5	96.5	97.3	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

USAF ETAC ... 0-14-3 ... PREVIOUS EDITIONS ARE OBSOLETE

...HAL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...GRAY AAF/FT LEWIS WA 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	34.0	33.4	35.1	36.5	37.9	38.1	38.9	39.2	39.4	39.8	40.[illegible]	40.[illegible]	40.4	41.6	41.[illegible]	41.[illegible]	
	36.3	37.3	39.1	40.6	42.1	42.3	43.1	43.5	43.7	44.1	44.3	44.3	44.7	44.8	45.1	45.4	
	36.4	37.5	39.3	40.8	42.4	42.5	43.4	43.8	43.9	44.4	44.5	44.5	45.0	45.1	45.3	45.6	
	36.4	37.6	39.5	40.9	42.5	42.7	43.5	43.9	44.1	44.5	44.6	44.7	45.1	45.2	45.5	45.7	
	37.[illegible]	38.7	40.[illegible]	42.1	43.7	43.8	44.7	45.1	45.2	45.7	45.8	45.9	46.3	46.4	46.7	47.[illegible]	
	37.2	40.3	42.2	43.8	45.4	45.5	46.4	46.8	47.0	47.4	47.6	47.6	48.0	48.2	48.4	48.7	
	38.6	42.3	44.2	45.7	47.4	47.6	48.4	48.8	49.[illegible]	49.4	49.6	49.6	50.1	50.2	50.4	50.7	
	39.[illegible]	43.[illegible]	44.9	46.5	48.2	48.3	49.2	49.6	49.8	50.2	50.4	50.4	50.8	51.0	51.2	51.5	
	39.7	45.3	47.3	48.9	50.6	50.8	51.7	52.1	52.3	52.7	52.9	52.9	53.3	53.[illegible]	53.7	54.[illegible]	
	40.3	46.3	49.9	50.4	52.2	52.3	53.3	53.7	53.9	54.3	54.5	54.5	54.9	55.1	55.3	55.6	
	40.[illegible]	48.6	50.7	52.3	54.1	54.2	55.2	55.6	55.8	56.2	56.4	56.4	56.8	57.[illegible]	57.2	57.5	
	41.6	52.2	54.4	56.1	57.9	58.1	59.1	59.5	59.7	60.2	60.4	60.4	60.8	60.9	61.2	61.5	
	42.1	55.2	57.5	59.3	61.1	61.3	62.3	62.8	63.[illegible]	63.4	63.6	63.6	64.1	64.2	64.4	64.7	
	43.[illegible]	60.6	63.2	65.1	67.1	67.3	68.4	68.9	69.1	69.6	69.8	69.8	70.2	70.3	70.6	70.9	
	44.4	65.1	67.9	69.9	72.1	72.3	73.5	73.9	74.2	74.7	74.9	74.9	75.3	75.5	75.7	76.0	
	45.3	68.5	71.5	73.7	76.1	76.3	77.6	78.1	78.3	78.8	79.[illegible]	79.2	79.5	79.[illegible]	79.9	80.2	
	45.6	71.6	74.9	77.2	79.6	79.9	81.3	81.8	82.1	82.6	82.8	82.8	83.3	83.4	83.7	84.[illegible]	
	45.9	73.1	76.7	79.2	81.8	82.1	83.7	84.2	84.5	85.0	85.3	85.3	85.8	85.9	86.1	86.4	
	45.9	73.6	77.2	79.7	82.3	82.7	84.3	84.8	85.1	85.6	85.9	85.9	86.4	86.5	86.7	87.[illegible]	
	46.2	74.9	78.6	81.2	83.9	84.3	86.0	86.6	86.9	87.4	87.6	87.7	88.1	88.2	88.5	88.8	
	46.3	75.5	79.3	82.0	84.9	85.2	87.0	87.6	87.9	88.4	88.6	88.7	89.1	89.2	89.5	89.8	
	46.3	75.7	79.7	82.6	85.5	85.9	87.7	88.3	88.6	89.2	89.4	89.5	89.9	90.0	90.3	90.6	
	46.3	76.0	80.[illegible]	83.0	86.0	86.4	88.3	88.9	89.3	89.8	90.1	90.1	90.6	90.7	91.0	91.2	
	46.3	76.1	80.2	83.2	86.4	86.8	88.7	89.4	89.7	90.2	90.5	90.6	91.0	91.1	91.4	91.7	
	46.3	76.2	80.2	83.4	86.6	87.1	89.0	89.7	90.0	90.6	90.9	90.9	91.3	91.5	91.7	92.0	
	46.3	76.3	80.3	83.6	86.9	87.4	89.5	90.2	90.6	91.2	91.4	91.5	91.9	92.0	92.3	92.6	
	46.3	76.4	80.4	83.8	87.2	87.7	89.9	90.8	91.3	91.9	92.2	92.3	92.7	92.8	93.1	93.4	
	46.3	76.4	80.5	83.9	87.4	87.9	90.2	91.3	91.8	92.6	93.0	93.0	93.6	93.7	94.0	94.3	
	46.3	76.4	80.5	83.9	87.5	88.0	90.3	91.6	92.2	93.3	93.8	93.8	94.5	94.7	95.1	95.5	
	46.3	76.5	80.6	83.9	87.6	88.2	90.5	91.8	92.5	93.7	94.4	94.4	95.3	95.6	96.3	96.9	
	46.3	76.5	80.6	83.9	87.6	88.2	90.5	91.8	92.5	93.7	94.5	94.6	95.7	96.[illegible]	97.1	99.0	
	46.3	76.5	80.6	83.9	87.6	88.2	90.5	91.8	92.5	93.7	94.5	94.6	95.7	96.1	97.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 6696

USAF ETAC [illegible] 0-145 OL-A [illegible]

...AL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...DAY AAFB/FT LEWIS WA 73-81 ... ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...1	24.3	25.4	...5.6	2...8	26.9	27.5	28.1	28.1	28.8	29.5	29.5	3...7	...5.5	31....	71.4
...2	24.3	25.9	26.3	27.5	27.8	28.4	29.0	29.0	29.6	30.5	30.5	31.2	31.5	32....	72.3
...2	24.3	25.9	26.3	27.5	27.8	28.4	29.0	29.0	29.6	30.5	30.5	31.0	31.5	32.0	72.3
...2	24.3	25.9	26.3	27.5	27.8	28.4	29.0	29.0	29.6	30.5	30.5	31.0	31.5	32.0	32.3
...2	25.1	25....	26.5	28....	28.3	28.9	29.5	29.5	30.1	31....	31.0	31.5	32....	32.5	72.8
...2	25....	27.2	27.4	28.9	29.1	29.8	30.4	30.4	31.2	31.9	31.9	32.3	32.6	33.3	33.7
...2	27.8	29.1	29.4	3...9	31.1	31.7	32.3	32.3	33....	33.8	33.8	34.3	34.8	35.3	75.7
...2	30.0	31.4	31.6	33.1	33.3	34....	34.6	34.6	35.2	36....	36.0	36.5	37....	37.5	77.9
...2	32....	34.1	34.6	36.3	36.5	37.2	37.8	37.8	38.4	39.3	39.3	39.8	40.2	40.7	41.1
...2	34.0	35.3	35.8	37.5	37.8	38.4	39.0	39.0	39.6	40.5	40.5	41.0	41.5	42.0	42.3
...2	35.2	36.5	37.0	38.8	39.0	39.6	40.2	40.2	40.9	41.7	41.7	42.2	42.7	43.2	43.6
...2	37.8	39.4	39.9	41.6	41.9	42.5	43.1	43.1	43.7	44.6	44.6	45.1	45.7	46.2	46.5
...2	41.1	42.7	43.2	45.1	45.3	45.9	46.5	46.5	47.2	48....	48.0	48.5	49.1	49.6	5...5
...1	48.6	50....	52.0	53.8	54.1	54.9	55.6	55.6	56.2	57....	57.0	57.5	58.1	58.6	59....
7...	54.9	57.4	58.6	60....	61.0	62.0	62.6	62.6	63.2	64.1	64.1	64.6	65.2	65.7	66....
3.1	59.9	62.5	63.8	65.8	66.3	67.3	67.9	67.9	68.5	69.4	69.4	69.9	70.5	71.2	71.4
3.1	64.6	67.3	68.6	70....	71.2	72.2	72.8	72.8	73.5	74.3	74.3	74.8	75.4	75.9	76.3
3.1	66.5	69.4	71....	73.3	74.4	75.2	76.2	76.2	76.8	77.7	77.7	78.1	78.8	79.3	79.6
3.1	67.4	70.4	72.0	74.3	74.9	76.2	77.2	77.2	77.8	78.6	78.6	79.1	79.8	80.2	80.6
3.1	68.8	72.2	74.4	77.0	77.7	78.9	79.9	79.9	80.5	81.4	81.4	81.9	82.5	83.0	83.3
3.1	69.5	73....	75.4	78.0	78.6	79.9	80.9	80.9	81.5	82.3	82.3	82.8	83.5	84.0	84.3
3.1	69.8	73.2	75.7	78.4	79.0	80.2	81.2	81.2	81.9	82.7	82.7	83.2	83.8	84.3	84.7
3.1	69.8	73.5	75.9	78.8	79.4	80.6	81.6	81.6	82.2	83.1	83.1	83.6	84.2	84.7	85.1
3.1	70.0	74.0	76.4	79.3	80.0	81.2	82.2	82.2	82.8	83.7	83.7	84.2	84.8	85.3	85.7
3.1	70.1	74.1	76.5	79.5	80.2	81.5	82.5	82.5	83.1	84....	84.0	84.4	85.1	85.6	85.9
3.1	70.4	74.3	76.8	80.0	81.4	82.8	83.8	83.8	84.4	85.3	85.3	85.8	86.4	87.0	87.4
3.1	70.5	74.4	77.2	80.4	82.0	83.8	84.8	84.9	85.7	86.5	86.5	87.0	87.7	88.3	88.6
3.1	71.0	74.9	77.8	81.0	82.6	84.6	85.7	86.0	86.8	87.7	87.7	88.1	88.8	89.4	89.8
3.1	71.0	74.9	77.8	81.0	82.6	85.2	86.3	86.9	87.8	89.1	89.1	89.6	90.2	90.9	91.4
3.1	71.0	74.9	77.8	81.0	82.6	85.4	86.5	87.3	88.3	89.9	89.9	90.6	91.2	92.0	93.1
3.1	71.0	74.9	77.8	81.1	82.7	85.6	86.7	87.4	88.4	90.0	90.0	91.1	92.0	93.5	96.9
3.2	71.1	75.1	77.9	81.2	82.8	85.7	86.8	87.5	88.5	90.1	90.1	91.4	92.2	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 810

...AF ETAC ... 0-13-5 ... A ... PREVIOUS EDITIONS ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
TAC
SERVICE/MAC

2

CEILING VERSUS VISIBILITY

DAY AAF/FT LEWIS AA 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-0500

1.4	23.5	24.9	25.7	26.3	26.5	27.4	27.5	27.7	27.9	28.3	28.4	28.6	29.	29.4		
1.4	24.8	25.9	26.9	27.5	27.8	28.6	28.8	28.9	29.1	29.5	29.6	29.9	30.2	30.6	31.4	
1.4	24.9	25.9	27.	27.7	27.9	28.8	28.9	29.0	29.3	29.6	29.8	30.0	30.4	30.7	31.5	
1.4	24.9	25.9	27.0	27.7	27.9	28.8	28.9	29.0	29.3	29.6	29.8	30.0	30.4	30.7	31.5	
1.7	25.9	27.	28.3	28.9	29.1	30.0	30.1	30.2	30.6	31.0	31.1	31.4	31.7	32.1	32.8	
1.7	26.3	27.4	28.6	29.3	29.5	30.4	30.5	30.6	31.4	31.4	31.5	31.7	32.1	32.5	33.2	
1.7	27.4	28.5	30.0	31.2	31.2	32.1	32.2	32.3	32.7	33.1	33.2	33.5	33.8	34.2	34.9	
1.7	28.9	30.1	31.5	32.5	32.7	33.6	33.7	33.8	34.2	34.6	34.7	34.9	35.3	35.7	36.4	
1.7	30.7	32.1	33.7	34.8	35.1	35.9	36.0	36.2	36.5	36.9	37.0	37.3	37.7	38.2	38.9	
1.7	32.7	34.2	36.0	37.2	37.4	38.3	38.4	38.5	38.9	39.3	39.4	39.6	40.2	40.4	41.1	
2.0	33.9	35.3	37.2	38.3	38.5	39.5	39.6	39.8	40.1	40.5	40.6	40.9	41.2	41.6	42.3	
2.1	35.3	37.0	39.8	40.9	41.1	42.3	42.6	42.7	43.1	43.5	43.6	43.8	44.2	44.6	45.3	
2.1	41.0	42.5	44.4	45.6	45.8	47.0	47.3	47.4	47.8	48.1	48.3	48.5	48.9	49.3	50.1	
2.1	47.2	50.0	52.6	53.8	54.1	55.3	55.6	55.9	56.3	56.7	56.9	57.0	57.4	57.8	58.5	
2.5	57.0	60.5	62.8	64.1	64.4	65.7	66.3	66.4	66.8	67.2	67.3	67.8	68.1	68.5	69.3	
2.5	61.0	64.6	66.9	68.4	68.8	70.2	70.6	70.7	71.1	71.5	71.6	72.1	72.5	72.8	73.6	
2.6	63.7	67.7	70.0	72.1	72.5	73.7	74.4	74.6	74.9	75.3	75.4	75.9	76.3	76.7	77.4	
2.6	65.8	69.8	72.2	74.8	75.2	76.4	77.2	77.3	77.7	78.1	78.1	78.6	79.1	79.4	80.1	
2.6	66.8	70.7	73.3	76.2	76.5	77.8	78.5	78.6	79.0	79.4	79.5	80.0	80.4	80.7	81.5	
2.6	68.0	72.2	74.9	77.9	78.3	79.5	80.2	80.4	80.7	81.1	81.2	81.7	82.1	82.5	83.2	
2.6	68.5	72.7	75.8	78.8	79.1	80.4	81.1	81.2	81.6	82.0	82.1	82.6	83.0	83.3	84.1	
2.6	69.1	73.3	76.4	79.5	79.9	81.1	81.9	82.1	82.3	82.7	82.8	83.5	83.8	84.2	84.9	
2.6	69.1	73.5	76.5	79.8	80.1	81.5	82.2	82.3	82.7	83.1	83.2	83.9	84.2	84.6	85.3	
2.6	69.1	73.7	76.8	80.0	80.4	81.7	82.5	82.6	83.1	83.5	83.6	84.2	84.6	84.9	85.7	
2.6	69.1	73.7	76.8	80.0	80.5	82.0	82.7	82.8	83.3	83.7	83.8	84.4	84.8	85.2	85.9	
2.6	69.5	74.1	77.2	80.4	81.1	82.7	83.5	83.6	84.2	84.7	84.8	85.4	85.8	86.2	86.9	
2.6	69.5	74.1	77.3	80.5	81.4	83.0	83.7	83.8	84.4	84.9	85.1	85.7	86.0	86.4	87.2	
2.6	69.9	74.4	78.1	81.6	82.5	84.6	85.7	85.8	86.4	86.9	87.0	87.7	88.0	88.4	89.4	
2.6	69.9	74.4	78.3	82.0	82.8	85.3	86.5	86.8	87.7	88.3	88.8	89.5	89.9	90.4	91.4	
2.6	69.9	74.4	78.3	82.0	83.0	85.6	87.0	87.7	88.8	89.8	90.4	91.4	92.1	92.8	94.4	
2.6	69.9	74.4	78.3	82.0	83.0	85.6	87.0	87.8	88.9	90.2	90.9	92.1	93.1	94.1	97.5	
2.6	69.9	74.4	78.3	82.0	83.0	85.6	87.0	87.8	88.9	90.4	91.0	92.2	93.3	94.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 810

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] [illegible] [illegible] [illegible] NOV

[illegible] RELATIVE FREQUENCY OF OCCURRENCE [illegible]-1500
[illegible] OF OBSERVATIONS

.9	1.9	10.2	16.5	20.6	21.5	23.0	23.5	23.7	24.0	24.2	24.6	24.8	24.9	25.0	25.0	
2.4	5.4	21.2	27.3	31.3	34.3	34.9	35.4	35.7	36.2	36.7	36.7	37.2	37.2	37.5	37.7	
4.1	7.7	21.2	31.5	34.4	36.4	37.1	37.7	38.1	38.4	38.9	39.0	39.4	39.5	39.8	40.1	
4.1	11.1	22.2	33.6	36.4	38.8	39.4	40.0	40.3	40.6	41.1	41.2	41.8	41.9	42.1	42.4	
4.1	22.5	27.1	35.2	38.2	40.2	41.2	41.4	41.8	42.1	42.6	42.8	43.1	43.2	43.5	43.8	
17.1	23.6	28.7	36.3	39.3	41.3	42.3	42.6	43.0	43.3	43.8	44.0	44.3	44.4	44.7	45.0	
21.1	24.1	28.6	36.3	39.3	41.3	42.3	42.6	43.0	43.3	43.8	44.0	44.3	44.4	44.7	45.0	
21.4	24.3	29.1	37.1	40.2	42.2	43.2	43.5	43.9	44.2	44.7	44.9	45.2	45.3	45.6	45.9	
21.4	24.3	29.1	37.1	40.2	42.2	43.2	43.5	43.9	44.2	44.7	44.9	45.2	45.3	45.6	45.9	
17.1	21.2	31.7	37.3	39.4	39.6	40.1	40.5	40.9	41.2	41.7	41.9	42.2	42.3	42.6	42.9	
17.1	21.2	30.7	34.4	37.6	39.7	40.2	40.5	40.9	41.2	41.7	41.9	42.2	42.3	42.6	42.9	
16.5	20.4	30.4	34.5	37.4	39.4	40.0	40.3	40.7	41.0	41.5	41.7	42.0	42.1	42.4	42.7	
17.1	21.4	31.1	34.5	37.5	39.5	40.1	40.4	40.8	41.1	41.6	41.8	42.1	42.2	42.5	42.8	
16.4	20.7	30.3	31.5	33.8	35.8	36.4	36.7	37.1	37.4	37.9	38.1	38.4	38.5	38.8	39.1	
16.4	21.7	30.4	32.8	35.2	37.2	37.8	38.1	38.5	38.8	39.3	39.5	39.8	39.9	40.2	40.5	
16.3	22.4	30.7	34.9	37.5	39.5	40.1	40.4	40.8	41.1	41.6	41.8	42.1	42.2	42.5	42.8	
16.7	23.8	32.3	36.6	39.5	41.5	42.1	42.4	42.8	43.1	43.6	43.8	44.1	44.2	44.5	44.8	
16.7	26.0	33.4	38.1	41.2	43.2	43.8	44.1	44.5	44.8	45.3	45.5	45.8	45.9	46.2	46.5	
16.7	26.7	34.1	38.8	41.9	43.9	44.5	44.8	45.2	45.5	46.0	46.2	46.5	46.6	46.9	47.2	
16.7	27.0	34.4	39.1	42.2	44.2	44.8	45.1	45.5	45.8	46.3	46.5	46.8	46.9	47.2	47.5	
16.7	27.2	34.6	39.3	42.4	44.4	45.0	45.3	45.7	46.0	46.5	46.7	47.0	47.1	47.4	47.7	
16.7	27.3	34.7	39.4	42.5	44.5	45.1	45.4	45.8	46.1	46.6	46.8	47.1	47.2	47.5	47.8	
16.7	27.3	34.7	39.4	42.5	44.5	45.1	45.4	45.8	46.1	46.6	46.8	47.1	47.2	47.5	47.8	
16.7	27.3	34.7	39.4	42.5	44.5	45.1	45.4	45.8	46.1	46.6	46.8	47.1	47.2	47.5	47.8	

NUMBER OF OBSERVATIONS [illegible]

[illegible]SAF/TAC [illegible]

...AL CLIMATOLOGY BRANCH
...TAC
...FARMER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AN MARKET LEASE AF ... 70-80 ... NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ...00-11...

13.5	1 .4	19.	19.5	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.0	2 .2	2 .5	2.		
23.	23.	27.	24.3	24.7	24.7	24.7	24.7	24.7	24.8	25.1	25.1	25.1	25.1	25.3	25.	
17.5	23.6	24.2	24.9	25.3	25.3	25.3	25.3	25.3	25.4	25.7	25.7	25.7	25.7	25.9	26.4	
19.3	24.6	25.2	25.9	26.3	26.3	26.3	26.3	26.3	26.4	26.7	26.7	26.7	26.7	26.9	27.4	
19.5	26.3	27.	27.8	28.1	28.1	28.1	28.1	28.1	28.3	28.5	28.5	28.5	28.5	28.9	29.7	
21.1	28.9	29.5	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	
22.7	31.4	32.1	33.0	33.3	33.3	33.3	33.3	33.3	33.5	33.7	33.7	33.7	33.7	34.0	34.4	
23.7	32.5	33.6	34.4	34.8	34.8	34.8	34.8	34.9	34.9	35.2	35.2	35.2	35.2	35.4	35.9	
24.4	33.7	34.8	37.7	38.0	38.0	38.0	38.0	38.1	38.4	38.4	38.4	38.4	38.5	39.1		
25.3	38.9	39.5	40.6	41.0	41.0	41.0	41.0	41.0	41.1	41.4	41.4	41.4	41.4	41.5	42.1	
27.2	41.0	41.7	42.7	43.1	43.1	43.1	43.1	43.1	43.2	43.5	43.5	43.5	43.5	43.7	44.1	
28.5	45.1	45.9	46.9	47.5	47.5	47.5	47.5	47.5	47.7	47.9	47.9	47.9	47.9	48.1	48.6	
29.3	47.4	48.4	49.6	50.6	50.6	50.6	50.6	50.6	50.7	51.0	51.0	51.0	51.1	51.2	51.7	
32.1	54.4	55.9	57.3	58.5	58.5	58.8	58.8	58.8	58.9	59.1	59.1	59.1	59.1	59.4	59.9	
34.1	61.5	63.	64.7	66.2	66.2	66.4	66.4	66.4	66.5	66.8	66.8	66.8	66.8	67.0	67.5	
35.1	65.3	67.	69.1	70.9	71.1	71.4	71.4	71.5	71.6	71.9	71.9	71.9	71.9	72.1	72.6	
36.3	67.0	69.1	71.6	73.6	74.1	74.7	74.7	74.8	74.9	75.2	75.2	75.2	75.2	75.4	75.9	
37.4	70.0	72.2	75.4	77.5	78.1	78.8	78.8	78.9	79.1	79.3	79.3	79.3	79.3	79.5	80.1	
37.5	70.5	72.7	75.9	78.1	78.6	79.4	79.4	79.5	79.6	79.9	79.9	79.9	79.9	80.1	80.7	
38.7	71.9	74.2	77.8	80.6	81.1	81.9	81.9	82.2	82.3	82.6	82.6	82.6	82.6	82.8	83.3	
38.7	72.1	74.7	78.4	81.2	81.7	82.7	82.7	83.1	83.2	83.5	83.5	83.5	83.5	83.7	84.3	
38.7	72.2	74.9	78.6	82.0	82.5	83.5	83.5	83.9	84.0	84.2	84.2	84.2	84.2	84.4	84.9	
38.7	72.2	74.9	78.6	82.0	82.5	83.5	83.6	84.0	84.1	84.3	84.3	84.3	84.3	84.6	85.1	
38.8	72.3	75.1	78.6	82.3	83.1	84.1	84.3	84.8	85.1	85.3	85.3	85.3	85.3	85.6	86.1	
38.8	72.5	75.6	79.3	83.2	84.	84.9	85.3	85.9	86.3	86.5	86.5	86.5	86.5	86.8	87.3	
38.8	72.6	75.8	79.6	83.6	84.4	85.6	85.9	86.5	87.1	87.3	87.3	87.3	87.3	87.5	88.1	
38.8	73.0	75.9	79.8	83.7	85.1	86.5	87.2	87.8	88.3	88.6	88.6	88.6	88.6	88.9	89.4	
38.8	73.1	76.0	79.9	84.0	85.4	86.9	87.7	88.3	89.1	89.5	89.8	89.8	89.8	90.2	90.9	
38.8	73.1	76.0	79.9	84.1	85.6	87.3	88.0	88.9	89.8	90.2	90.7	90.9	91.0	91.2	92.2	93.0
38.8	73.1	76.0	80.0	84.2	85.7	87.4	88.1	89.0	90.0	90.8	91.4	91.6	92.0	92.0	92.6	94.0	96.5
38.8	73.1	76.0	80.0	84.2	85.7	87.4	88.1	89.0	90.0	90.8	91.4	91.7	92.0	92.5	93.2	96.7	99.4
38.8	73.1	76.0	80.0	84.2	85.7	87.4	88.1	89.0	90.0	90.8	91.4	91.7	92.0	92.5	93.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS _____ 31...

...AL CLIMATOLOGY BRANCH
...TAC
2 ... PATTERN SERVICE/AWS

CEILING VERSUS VISIBILITY

...NY MA-/FT LE...IS ... 73-81 ... NO

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ... OBSERVATIONS ... 1...-1400

...	...	27.8	...	21.2	21.2	21.2	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
...	24.9	25.6	26.1	26.7	26.8	26.9	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
...	25.9	26.5	27.1	27.7	27.8	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
...	27.5	27.7	27.7	28.3	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
...	29.6	30.7	31.7	31.5	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
...	31.9	32.5	33.6	34.3	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
...	34.0	34.7	35.7	36.4	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
...	35.7	36.4	37.4	37.1	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
...	40.1	40.2	41.2	42.6	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
...	43.0	43.7	44.7	45.4	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
...	44.3	47.4	47.4	48.1	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
...	48.8	51.3	52.0	52.7	52.6	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
...	52.7	54.1	55.1	55.8	55.9	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
...	56.9	61.9	62.8	63.6	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
...	66.4	69.5	70.2	71.0	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
...	69.6	72.1	73.6	74.4	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
...	73.7	76.7	78.1	79.3	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
...	76.5	79.4	81.4	82.9	83.2	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2
...	76.9	80.1	81.7	82.2	83.7	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
...	77.3	80.3	84.4	86.2	86.7	87.3	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
...	77.6	80.7	84.5	86.8	87.3	87.9	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
...	77.8	80.8	85.1	87.7	88.4	89.2	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
...	77.9	81.1	85.6	88.3	89.0	89.6	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
...	77.9	81.1	85.7	88.4	89.1	89.8	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
...	77.9	81.1	85.7	88.5	89.6	90.2	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5
...	77.9	81.1	86.2	89.0	91.4	91.4	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
...	77.9	81.1	86.2	89.1	91.9	92.2	94.2	94.6	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
...	77.9	81.1	86.2	89.1	91.9	92.6	95.2	96.3	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
...	77.9	81.1	86.3	89.3	91.2	92.6	96.2	97.4	98.3	98.5	98.5	98.6	98.8	98.9	98.9	98.9	98.9
...	77.9	81.1	86.3	89.3	91.2	92.8	96.4	97.7	98.5	98.8	98.8	98.9	99.3	99.5	99.5	99.5	99.5
...	77.9	81.1	86.3	89.3	91.2	92.8	96.4	97.7	98.5	98.8	98.8	98.9	99.3	99.5	100.0	100.0	100.0
...	77.9	81.1	86.3	89.3	91.2	92.8	96.4	97.7	98.5	98.8	98.8	98.9	99.3	99.5	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS ... 81

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]	[illegible]	[illegible]	[illegible]	21.2	21.4	21.4	21.6	[illegible]	[illegible]	[illegible]	[illegible]	21.5	[illegible]	21.7	[illegible]
[illegible]	[illegible]	[illegible]	26.2	26.3	[illegible]	26.5	26.9	26.9	26.9	26.9	26.9	26.9	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26.	26.4	26.5	26.8	26.9	27.2	27.2	27.2	27.2	27.2	27.2	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	27.7	[illegible]	[illegible]	28.4	[illegible]	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.9	[illegible]
[illegible]	31.	[illegible]	31.7	31.9	32.1	32.1	32.5	32.5	32.5	32.5	32.5	32.5	32.5	[illegible]	[illegible]
[illegible]	33.1	[illegible]	34.1	34.2	34.4	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.9	36.9	37.3	[illegible]	37.3	37.3	37.3	37.3	[illegible]	37.4	37.4
[illegible]	[illegible]	[illegible]	[illegible]	37.3	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	41.1	41.4	41.6	41.6	42.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	43.7	[illegible]	44.2	44.2	44.6	44.6	44.6	44.6	44.6	44.6	[illegible]	44.7	44.7
[illegible]	[illegible]	[illegible]	46.2	[illegible]	46.7	46.7	47.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.0	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	[illegible]
[illegible]	51.5	52.7	[illegible]	[illegible]	53.7	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	[illegible]
[illegible]	[illegible]	[illegible]	62.3	[illegible]	63.2	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	[illegible]
[illegible]	[illegible]	[illegible]	67.7	[illegible]	[illegible]	68.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.1	[illegible]
[illegible]	71.1	[illegible]	74.9	75.8	[illegible]	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9
[illegible]	[illegible]	[illegible]	79.9	81.2	81.5	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	82.8	84.6	84.9	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	83.1	84.8	85.2	[illegible]	86.3	[illegible]	86.3	86.3	86.3	86.3	[illegible]	86.4	86.4
[illegible]	[illegible]	[illegible]	[illegible]	87.5	87.9	88.6	[illegible]	89.1	89.1	89.1	89.1	89.1	89.1	89.3	[illegible]
[illegible]	[illegible]	[illegible]	86.0	88.1	[illegible]	89.3	89.6	89.8	89.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	88.9	89.5	90.2	90.7	[illegible]	[illegible]	91.4	91.4	91.4	91.4	91.5	91.5
[illegible]	[illegible]	[illegible]	[illegible]	89.3	89.9	90.7	91.4	[illegible]	91.7	92.1	92.1	92.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.3	89.9	[illegible]	91.6	91.7	92.0	92.3	92.3	92.3	92.3	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	87.2	89.4	[illegible]	91.2	91.9	[illegible]	92.3	92.7	92.7	92.7	92.8	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	89.6	[illegible]	[illegible]	[illegible]	[illegible]	93.8	94.3	94.3	94.3	94.4	94.6	[illegible]
[illegible]	[illegible]	[illegible]	87.3	[illegible]	[illegible]	[illegible]	93.7	[illegible]	94.8	95.4	95.4	95.4	95.6	95.7	95.7
[illegible]	[illegible]	84.4	87.4	90.2	[illegible]	93.3	[illegible]	[illegible]	95.4	[illegible]	[illegible]	[illegible]	[illegible]	96.3	[illegible]
[illegible]	[illegible]	84.4	87.4	90.2	91.0	93.6	94.4	[illegible]	96.3	[illegible]	97.9	[illegible]	[illegible]	[illegible]	98.4
[illegible]	[illegible]	84.4	87.4	90.2	91.0	93.6	94.6	95.4	96.7	98.1	98.5	98.6	98.8	99.1	99.6
[illegible]	79.9	84.4	87.4	90.2	91.0	[illegible]	94.6	95.4	96.7	98.1	98.5	98.6	98.8	99.1	99.9
[illegible]	79.9	84.4	87.4	[illegible]	91.0	[illegible]	94.6	95.4	96.7	98.1	98.5	98.6	98.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

.0	20.2	22.[illegible]	23.2	24.2	24.7	24.9	25.1	25.[illegible]	25.4	25.4	25.4	25.6	25.7	25.9	26.[illegible]
.5	24.6	25.4	25.8	26.8	27.3	27.5	27.7	27.9	28.3	28.3	28.3	29.4	29.5	29.8	29.[illegible]
.5	24.8	25.4	25.8	26.8	27.3	27.5	27.7	27.9	28.3	28.3	28.3	29.4	29.5	29.8	29.[illegible]
.5	25.3	25.9	26.3	27.3	27.8	28.3	28.1	28.4	28.8	29.5	28.8	29.9	30.3	30.3	30.5
.4	27.5	28.1	28.5	29.5	30.0	30.2	30.4	30.6	31.0	31.0	31.0	31.1	31.2	31.5	31.7
.7	29.4	30.1	30.4	31.5	32.[illegible]	32.2	32.3	32.6	33.0	33.[illegible]	33.[illegible]	33.1	33.2	33.5	33.7
7.[illegible]	[illegible].6	33.[illegible]	33.8	35.2	35.7	35.9	36.0	36.[illegible]	36.7	36.7	36.7	36.8	36.9	[illegible]7.[illegible]	37.4
7.[illegible]	33.6	34.[illegible]	34.8	36.3	36.8	37.[illegible]	37.2	37.4	37.8	37.8	37.8	37.9	38.[illegible]	38.3	38.5
.1	[illegible]7.[illegible]	[illegible].8	38.3	39.8	40.2	40.5	40.6	40.[illegible]	41.2	41.2	41.2	41.4	41.5	41.7	42.
.1	[illegible]8.9	39.[illegible]	40.2	41.7	42.2	42.5	42.6	42.[illegible]	43.2	43.2	43.2	43.3	43.5	43.7	44.
.5	41.4	4[illegible].[illegible]	42.7	44.2	44.7	44.9	45.1	45.3	45.7	45.7	45.7	45.8	45.9	46.[illegible]	46.4
.5	44.1	45.[illegible]	46.3	47.8	48.3	48.6	48.9	49.1	49.5	49.[illegible]	49.5	49.6	49.8	[illegible]0.[illegible]	[illegible]0.[illegible]
.5	47.7	49.[illegible]	[illegible].2	51.9	[illegible]2.3	52.7	53.0	53.[illegible]	53.6	53.6	53.6	53.7	53.9	54.1	[illegible]4.3
.3	[illegible]7.7	59.[illegible]	[illegible].9	60.5	63.[illegible]	63.3	63.6	63.8	64.2	64.2	64.2	64.3	64.4	64.7	64.9
.3	62.6	65.4	66.5	66.1	66.6	69.[illegible]	69.3	69.5	69.9	69.[illegible]	69.9	70.[illegible]	70.1	70.4	70.6
.4	66.5	69.[illegible]	71.2	72.[illegible]	73.5	73.8	74.1	74.3	74.7	74.9	74.9	75.1	75.2	75.4	75.7
.4	71.1	74.[illegible]	76.3	78.[illegible]	78.5	78.9	79.1	79.4	79.8	80.[illegible]	80.[illegible]	80.1	80.[illegible]	80.5	80.7
.4	73.5	77.3	79.1	81.6	82.1	82.6	82.8	83.1	83.5	83.7	83.7	83.8	84.[illegible]	84.6	84.8
.5	74.2	78.1	80.5	83.[illegible]	83.5	84.[illegible]	84.2	84.4	84.8	85.1	85.1	85.2	85.3	85.9	86.[illegible]
.5	74.7	79.[illegible]	81.7	84.2	84.7	85.3	85.6	85.8	86.2	86.4	86.4	86.5	86.7	87.3	87.5
.5	74.9	79.[illegible]	82.6	85.1	85.6	86.2	86.4	86.7	87.[illegible]	87.3	87.3	87.4	87.5	88.1	88.4
.5	75.1	79.6	83.[illegible]	85.4	85.9	86.8	87.[illegible]	87.3	87.7	88.[illegible]	88.[illegible]	88.1	88.3	88.9	89.1
.5	75.3	79.9	83.6	86.[illegible]	86.5	87.8	88.3	88.5	89.[illegible]	89.4	89.4	89.5	89.6	90.[illegible]	90.5
.5	75.3	79.9	83.6	86.[illegible]	86.5	87.8	88.4	88.[illegible]	89.1	89.3	89.5	89.6	89.8	90.4	90.6
.[illegible]	75.4	80.1	84.[illegible]	86.4	87.[illegible]	88.4	89.[illegible]	89.[illegible]	89.8	90.1	90.1	90.2	90.4	91.[illegible]	91.2
.3	75.6	8[illegible].2	84.2	86.7	87.3	88.9	89.5	89.8	90.5	90.[illegible]	90.9	91.[illegible]	91.1	91.7	92.[illegible]
.5	75.6	80.[illegible]	84.3	86.9	87.9	89.5	90.1	90.4	91.1	91.5	91.5	91.6	91.7	92.3	92.6
.5	75.7	80.4	84.4	87.2	88.1	90.[illegible]	90.9	91.1	91.9	92.[illegible]	92.5	92.6	92.7	93.3	93.6
.5	75.7	80.4	84.4	87.4	88.4	90.4	91.5	92.[illegible]	92.7	93.[illegible]	93.5	93.6	93.7	94.3	94.8
.5	75.7	80.4	84.4	87.4	88.4	90.5	91.9	92.3	93.2	94.[illegible]	94.4	94.9	95.[illegible]	96.[illegible]	97.[illegible]
.5	75.7	80.4	84.4	87.4	88.4	90.5	91.9	92.3	93.2	94.3	94.6	95.4	95.7	96.3	96.9
.5	75.7	8[illegible].[illegible]	84.4	87.4	88.4	90.5	91.9	92.3	93.2	94.3	94.6	95.4	95.7	96.[illegible]	[illegible]0.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF [illegible]

L AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

AY AAF/FT LEWIS, WA 73-81 SCV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1100-2200

.3	22.7	22.9	23.0	23.7	24.0	24.4	25.1	25.4	26.2	26.9	26.9	27.4	27.4	27.5	27.6	
.3	23.6	24.2	24.6	25.3	25.7	26.2	27.0	27.4	28.3	29.2	29.2	29.5	29.5	29.6	29.9	
.3	23.7	24.3	24.7	25.4	25.8	26.3	27.2	27.6	28.4	29.1	29.1	29.6	29.6	29.8	30.1	
.3	23.8	24.4	24.8	25.6	25.9	26.4	27.3	27.7	28.6	29.3	29.3	29.8	29.8	29.9	30.1	
.4	24.6	25.2	25.7	26.4	26.8	27.3	28.1	28.5	29.4	30.1	30.1	30.6	30.6	30.7	31.0	
.7	26.5	27.3	27.8	28.5	28.9	29.4	30.2	30.6	31.5	32.2	32.2	32.7	32.7	32.9	33.1	
4.1	28.5	29.3	29.9	30.6	31.0	31.5	32.5	32.8	33.7	34.4	34.4	34.9	34.9	35.1	35.3	
4.1	29.6	30.4	31.0	32.0	32.3	32.8	33.8	34.2	35.1	35.8	35.8	36.3	36.3	36.4	36.7	
.4	33.2	34.0	34.6	35.6	35.9	36.4	37.5	37.9	38.8	39.5	39.5	40.0	40.1	40.1	40.4	
.4	35.3	36.2	36.8	37.8	38.1	38.6	39.8	40.1	41.2	41.7	41.7	42.2	42.2	42.3	42.6	
.7	36.8	37.9	38.5	39.5	39.9	40.4	41.5	41.9	42.7	43.5	43.5	44.0	44.0	44.1	44.3	
.1	40.2	41.5	42.8	44.1	44.4	44.9	46.0	46.4	47.3	48.2	48.2	48.5	48.5	48.6	48.9	
.1	43.8	45.2	46.7	47.9	48.3	48.8	49.9	50.3	51.1	51.9	51.9	52.3	52.3	52.5	52.7	
.6	53.6	55.1	57.2	58.4	58.8	59.3	60.4	60.7	61.6	62.3	62.3	62.8	62.8	63.0	63.2	
.6	58.9	60.7	63.0	64.2	64.6	65.2	66.3	66.7	67.5	68.3	68.3	68.8	68.8	68.9	69.1	
.7	62.7	64.6	67.1	68.3	68.6	69.3	70.4	70.7	71.6	72.3	72.3	72.8	72.8	73.0	73.2	
.7	67.0	69.4	72.0	73.2	73.6	74.2	75.3	75.7	76.5	77.3	77.3	77.8	77.8	77.9	78.1	
.7	68.9	71.5	74.2	75.7	76.1	76.8	78.0	78.4	79.3	80.0	80.0	80.5	80.5	80.6	80.9	
.7	69.8	72.5	75.2	76.8	77.2	77.9	79.1	79.5	80.4	81.1	81.1	81.6	81.6	81.7	82.0	
.7	71.2	74.4	77.9	79.6	80.0	80.7	82.0	82.3	83.2	84.0	84.0	84.4	84.4	84.6	84.8	
.7	71.2	74.7	78.6	80.4	80.7	81.5	82.7	83.1	84.1	84.8	84.8	85.3	85.3	85.4	85.7	
.7	71.6	75.0	79.1	81.1	81.5	82.2	83.5	83.8	84.8	85.6	85.6	86.1	86.1	86.2	86.4	
.7	72.1	75.8	79.8	81.9	82.2	83.0	84.2	84.7	85.7	86.4	86.4	86.9	86.9	87.0	87.2	
.7	72.1	75.8	79.8	82.0	82.5	83.3	84.6	85.1	86.0	86.8	86.8	87.3	87.3	87.4	87.7	
.7	72.1	75.8	79.8	82.0	82.5	83.3	84.7	85.2	86.2	86.9	86.9	87.4	87.4	87.5	87.8	
.7	72.2	75.9	79.9	82.3	82.8	83.7	85.3	85.8	86.9	87.7	87.7	88.1	88.1	88.3	88.5	
.7	72.5	76.3	80.4	82.8	83.6	84.4	86.0	86.5	87.7	88.4	88.4	88.9	88.9	89.0	89.3	
.7	72.8	76.9	81.0	83.7	84.7	85.7	87.3	87.8	88.9	89.6	89.6	90.1	90.1	90.2	90.5	
.7	73.1	77.2	81.2	84.0	85.1	86.2	87.9	88.4	89.6	90.6	90.6	91.1	91.1	91.2	92.0	
.7	73.1	77.2	81.2	84.1	85.2	86.5	88.5	89.1	90.5	91.0	92.1	92.7	92.8	93.0	94.3	
.7	73.1	77.2	81.2	84.2	85.3	86.7	88.6	89.3	90.6	92.1	92.2	93.3	94.1	94.7	97.9	
.7	73.1	77.2	81.2	84.2	85.3	86.7	88.6	89.3	90.6	92.1	92.2	93.3	94.1	94.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 81[illegible]

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] DAY AAFB/FT LEAVEN [illegible] 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

[illegible]	21.3	22.0	22.5	23.2	23.4	23.7	24.0	24.2	24.4	24.7	24.7	25.0	25.1	25.3	25.6
[illegible]	24.0	24.8	25.4	26.1	26.4	26.7	27.1	27.2	27.5	27.6	27.9	28.1	28.3	28.5	28.6
[illegible]	24.3	25.0	25.7	26.4	26.6	27.0	27.4	27.5	27.8	28.0	28.2	28.4	28.5	28.8	29.1
[illegible]	24.8	25.6	26.2	26.9	27.2	27.5	27.9	28.1	28.3	28.7	28.7	28.9	29.1	29.3	29.6
11.[illegible]	26.6	27.4	28.1	28.8	29.0	29.4	29.6	29.9	30.2	30.6	30.6	30.8	31.[illegible]	31.2	31.5
12.3	28.2	29.[illegible]	29.8	30.6	30.8	3[illegible].2	31.5	31.7	32.0	32.4	32.4	32.6	32.7	33.0	33.3
13.[illegible]	3[illegible].3	31.2	32.1	32.9	33.1	33.5	33.9	34.0	34.3	34.7	34.7	34.9	35.1	35.[illegible]	35.6
14.1	31.6	32.5	33.3	34.3	34.5	34.8	35.2	35.4	35.7	36.0	36.1	36.3	36.4	36.7	37.0
15.[illegible]	34.7	35.[illegible]	36.6	37.6	37.8	38.2	38.6	38.[illegible]	39.1	39.4	39.4	39.7	39.8	40.[illegible]	40.3
16.5	36.9	37.[illegible]	38.9	39.9	40.1	40.5	40.9	41.0	41.4	41.7	41.7	41.9	42.1	42.3	42.6
17.1	38.7	39.6	40.8	41.7	42.0	42.3	42.7	42.[illegible]	43.2	43.6	43.6	43.8	44.[illegible]	44.2	44.5
18.[illegible]	42.2	43.4	44.6	45.6	45.8	46.3	46.7	46.9	47.2	47.5	47.6	47.8	47.9	48.2	48.5
19.3	45.4	46.[illegible]	48.2	49.3	49.6	50.0	50.4	50.6	50.9	51.3	51.3	51.5	51.7	51.9	52.[illegible]
20.[illegible]	53.6	55.6	57.1	58.3	58.5	59.0	59.5	59.7	60.0	60.3	60.4	60.6	60.7	61.0	61.3
21.[illegible]	6[illegible].7	62.4	64.1	65.4	65.6	66.2	66.6	66.8	67.1	67.5	67.5	67.6	67.9	68.1	68.5
22.2	64.4	67.2	69.[illegible]	70.4	70.8	71.3	71.8	72.2	72.3	72.7	72.7	73.[illegible]	73.1	73.4	73.7
23.[illegible]	66.3	71.5	73.4	75.1	75.5	76.1	76.6	76.8	77.1	77.5	77.5	77.8	78.[illegible]	78.[illegible]	78.5
24.[illegible]	7[illegible].6	73.9	76.2	78.2	78.6	79.4	80.[illegible]	80.2	80.5	80.[illegible]	80.9	81.2	81.4	81.6	81.9
25.6	71.2	74.[illegible]	76.9	79.[illegible]	79.5	80.3	80.9	81.1	81.4	81.6	81.8	82.1	82.2	82.[illegible]	82.8
26.7	72.6	76.2	79.0	81.3	81.8	82.6	83.2	83.5	83.8	84.[illegible]	84.2	84.5	84.7	84.9	85.2
27.7	73.0	76.7	79.8	82.1	82.6	83.5	84.2	84.4	84.8	85.[illegible]	85.2	85.5	85.6	85.9	86.[illegible]
28.7	73.2	77.1	80.2	82.8	83.3	84.3	85.0	85.[illegible]	85.6	86.[illegible]	86.[illegible]	86.3	86.5	86.8	87.1
29.7	73.4	77.[illegible]	80.5	83.2	83.7	84.8	85.5	85.8	86.2	86.7	86.7	87.[illegible]	87.1	87.4	87.7
30.7	73.4	77.4	80.7	83.4	84.0	85.0	85.9	86.[illegible]	86.6	87.1	87.1	87.4	87.5	87.8	88.1
31.7	73.5	77.6	80.9	83.7	84.4	85.5	86.4	86.7	87.2	87.6	87.7	88.0	88.1	88.4	88.8
32.7	73.7	77.8	81.2	84.1	85.[illegible]	86.3	87.3	87.6	88.2	88.[illegible]	88.7	89.[illegible]	89.2	89.5	89.8
33.7	73.8	77.9	81.4	84.4	85.5	87.[illegible]	88.[illegible]	88.5	89.1	89.6	89.6	89.9	90.1	90.4	90.[illegible]
34.7	74.[illegible]	79.[illegible]	81.7	84.8	86.[illegible]	87.7	89.[illegible]	89.5	90.[illegible]	90.8	90.8	91.1	91.3	91.7	92.1
35.7	74.[illegible]	79.2	81.6	85.[illegible]	86.2	88.2	89.6	90.3	91.2	92.[illegible]	92.2	92.6	92.8	93.2	93.[illegible]
36.7	74.[illegible]	79.[illegible]	81.8	85.[illegible]	86.2	88.3	89.9	90.[illegible]	91.[illegible]	92.9	93.1	93.8	94.1	95.[illegible]	96.1
37.7	74.[illegible]	79.[illegible]	81.8	85.[illegible]	86.3	88.4	90.[illegible]	90.[illegible]	91.9	93.[illegible]	93.2	94.1	94.7	95.9	98.4
38.7	74.[illegible]	79.2	81.8	85.1	86.3	88.4	90.[illegible]	90.[illegible]	91.9	93.1	93.3	94.2	94.[illegible]	96.2	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 6492

[illegible] [illegible]

2

...L CLIMATOLOGY BRANCH
...ETAC
A... ...ATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAF/FT LE... ...A 73-81 ... 260

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1300-1400

.5	1.2	2 .5	22.4	24.1	24.4	25.1	25.5	25.7	26.1	26.6	26.7	27.1	27.1	27.2	27.2	
.	21.1	22.2	24.4	26.1	26.4	27.1	27.5	27.7	28.1	28.6	28.7	29.1	29.1	29.2	29.2	
.5	21.1	22.2	24.4	26.1	26.4	27.1	27.5	27.7	28.1	28.6	28.7	29.1	29.1	29.2	29.2	
.5	21.2	22.2	24.5	26.2	26.5	27.2	27.6	27.8	28.2	28.7	28.8	29.2	29.2	29.3	29.3	
.5	22.	23.2	25.5	27.5	27.7	28.4	28.8	29.1	29.6	30.2	30.2	30.5	30.5	30.7	31.3	
.5	22.4	24.3	25.9	27.8	28.1	28.8	29.2	29.4	29.9	30.4	30.5	30.9	30.9	31.2	31.7	
.7	24.3	26.1	27.7	29.7	29.9	30.7	31.0	31.3	31.8	32.3	32.4	32.8	32.8	32.9	33.5	
.7	24.8	26.6	28.2	30.2	30.4	31.2	31.5	31.8	32.3	32.8	32.9	33.3	33.3	33.4	34.0	
1.0	26.7	28.7	30.4	32.4	32.6	33.4	33.7	34.0	34.5	35.0	35.1	35.5	35.5	35.6	36.2	
1.0	28.7	30.7	32.5	34.5	34.7	35.5	35.8	36.1	36.6	37.1	37.2	37.6	37.6	37.7	38.3	
1.0	30.0	32.0	33.9	35.8	36.1	36.8	37.2	37.4	37.9	38.4	38.5	38.9	38.9	39.0	39.7	
1.0	33.0	35.2	37.2	39.3	39.5	40.3	40.8	41.0	41.5	42.0	42.1	42.5	42.5	42.6	43.2	
1.0	36.7	39.0	41.1	43.3	43.6	44.5	45.0	45.2	45.7	46.2	46.3	46.7	46.7	46.8	47.4	
1.2	43.3	46.1	48.4	50.7	51.1	52.0	52.7	53.0	53.4	53.9	54.1	54.4	54.4	54.6	55.2	
1.5	50.2	53.0	55.4	58.3	58.6	59.6	60.3	60.7	61.2	61.8	61.9	62.3	62.3	62.4	63.1	
1.5	54.7	58.1	60.8	64.2	64.5	65.5	66.3	66.6	67.1	67.9	68.1	68.3	68.3	68.5	69.1	
1.5	60.1	64.3	67.0	70.6	70.9	72.0	72.8	73.2	73.6	74.4	74.5	74.9	74.9	75.2	75.6	
1.5	61.9	66.5	69.6	73.9	74.3	75.5	76.4	76.7	77.2	78.2	78.1	78.4	78.4	78.6	79.2	
1.7	63.2	68.2	71.1	75.5	75.9	77.1	78.0	78.3	78.8	79.6	79.7	80.0	80.0	80.2	80.8	
1.8	65.0	70.4	73.8	78.7	79.1	80.3	81.3	81.7	82.1	82.9	83.2	83.4	83.4	83.5	84.1	
1.8	65.6	71.3	74.9	79.9	80.3	81.5	82.5	82.9	83.4	84.1	84.2	84.6	84.6	84.7	85.3	
1.8	66.9	72.7	76.7	82.5	82.9	84.1	85.1	85.5	86.0	86.7	86.8	87.2	87.2	87.3	87.9	
1.9	67.4	73.2	77.3	83.1	83.5	84.7	85.7	86.1	86.6	87.3	87.4	87.8	87.8	87.9	88.5	
1.9	67.5	73.3	77.6	83.5	83.9	85.2	86.2	86.6	87.1	87.8	87.9	88.3	88.3	88.4	89.0	
1.9	68.0	73.8	78.1	84.0	84.4	85.7	86.7	87.1	87.6	88.3	88.4	88.8	88.8	88.9	89.5	
1.9	68.1	73.9	78.4	84.7	85.2	87.1	88.1	88.4	88.9	89.8	89.9	90.3	90.3	90.4	91.2	
1.9	68.1	73.9	78.7	85.1	85.6	87.8	88.8	89.2	89.9	90.8	90.9	91.3	91.3	91.4	92.0	
1.9	68.1	73.9	78.7	85.2	85.8	88.2	89.3	89.7	90.4	91.6	91.7	92.1	92.1	92.2	92.9	
1.9	68.1	73.9	78.8	85.3	86.0	88.4	89.8	90.2	91.0	92.4	92.6	93.0	93.1	93.2	93.8	
1.9	68.1	73.9	78.8	85.3	86.0	88.4	89.9	90.8	91.5	92.9	93.1	93.6	94.1	94.5	95.4	
1.9	68.1	73.9	78.8	85.3	86.0	88.4	90.0	90.9	91.7	93.1	93.3	94.5	95.1	96.1	98.5	
1.9	68.1	73.9	78.8	85.3	86.0	88.4	90.0	90.9	91.7	93.1	93.3	94.7	95.3	96.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 812

...NAP ETAC ... DATED OCT A ... PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] MAY AAF/ET LEWIS MA 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1.1	17.7	19.5	19.3	20.0	20.4	20.6	21.0	21.1	21.4	21.5	21.9	22.1	22.2	22.3	22.3	22.3
1.1	18.9	20.1	21.6	21.4	21.8	22.0	22.4	22.6	22.9	23.0	23.4	23.5	23.5	23.5	23.5	23.5
1.1	18.9	20.1	21.6	21.4	21.8	22.0	22.4	22.6	22.9	23.0	23.4	23.5	23.5	23.5	23.5	23.5
1.1	18.9	20.1	21.6	21.4	21.8	22.0	22.4	22.6	22.9	23.0	23.4	23.5	23.5	23.5	23.5	23.5
1.1	19.2	20.6	21.1	22.1	22.5	22.7	23.1	23.4	23.6	23.7	24.1	24.2	24.2	24.2	24.2	24.2
1.1	19.5	21.1	21.5	22.5	22.9	23.1	23.5	23.7	24.0	24.1	24.5	24.6	24.6	24.6	24.6	24.6
1.2	23.0	24.7	25.5	26.6	26.9	27.2	27.6	27.8	28.1	28.2	28.6	28.7	28.7	28.7	28.7	28.7
1.2	23.9	25.7	26.6	27.7	28.1	28.3	28.7	28.9	29.2	29.3	29.7	29.8	29.8	29.8	29.8	29.9
1.4	25.6	27.6	28.6	29.7	30.0	30.4	30.8	31.0	31.3	31.4	31.8	31.9	31.9	31.9	31.9	31.9
1.5	26.7	28.9	29.8	30.9	31.3	31.6	32.0	32.3	32.5	32.6	33.0	33.1	33.1	33.1	33.1	33.1
1.6	29.1	30.9	31.1	32.3	32.6	33.0	33.4	33.6	33.9	34.0	34.4	34.5	34.5	34.5	34.5	34.5
1.9	32.0	34.1	35.4	36.7	37.1	37.5	37.8	38.1	38.4	38.6	38.9	39.1	39.1	39.1	39.1	39.1
1.9	36.1	38.3	39.7	41.2	41.5	41.9	42.3	42.5	42.9	43.1	43.4	43.5	43.5	43.5	43.5	43.5
1.7	43.5	46.6	48.0	49.8	50.6	51.3	51.7	51.9	52.3	52.4	52.8	52.9	52.9	52.9	[illegible]	.9
1.7	50.2	53.5	55.3	57.2	58.0	58.7	59.1	59.3	59.7	59.8	60.2	60.3	60.3	60.3	[illegible]	.3
1.7	55.4	59.1	61.1	63.8	64.5	65.5	66.0	66.4	66.9	67.2	67.4	67.5	67.5	67.5	67.5	67.5
1.9	59.6	63.4	65.8	68.9	69.6	70.8	71.3	71.7	72.2	72.3	72.7	72.8	72.8	72.8	72.8	72.8
1.9	63.2	67.2	70.3	73.8	74.5	75.8	76.4	76.8	77.3	77.4	77.8	77.9	77.9	77.9	77.9	77.9
1.9	64.4	68.6	71.7	75.2	75.9	77.3	77.9	78.2	78.7	78.9	79.2	79.4	79.4	79.4	79.4	79.4
1.9	66.3	71.1	74.3	77.9	78.6	80.1	80.8	81.2	81.7	81.8	82.2	82.3	82.3	82.3	82.3	82.3
1.9	67.2	72.9	76.3	81.0	80.7	82.2	82.9	83.3	83.8	83.9	84.3	84.4	84.4	84.4	84.4	84.4
1.9	67.9	73.7	77.4	81.8	82.6	84.3	85.0	85.4	86.2	86.3	86.7	86.8	86.9	86.9	86.9	86.9
1.9	68.4	74.3	78.0	82.4	83.2	84.9	85.7	86.1	86.8	86.9	87.3	87.4	87.4	87.4	87.4	87.4
1.9	68.5	74.5	78.2	82.8	83.6	85.4	86.3	86.7	87.4	87.5	87.9	88.0	88.0	88.0	88.0	88.0
1.9	68.6	74.6	78.5	83.2	83.9	86.0	86.9	87.3	88.0	88.1	88.5	88.6	88.6	88.6	88.6	88.6
1.9	68.7	75.0	79.1	84.1	84.8	87.1	88.0	88.4	89.1	89.2	89.6	89.7	89.7	89.7	89.7	89.7
1.9	68.7	75.3	79.7	84.8	85.5	88.0	88.9	89.3	90.0	90.1	90.5	90.6	90.6	90.6	90.6	90.6
1.9	68.7	75.3	79.7	84.9	85.7	88.3	89.1	89.5	90.2	90.5	90.9	91.0	91.0	91.0	91.0	91.0
1.9	68.9	75.4	79.9	85.0	85.8	88.4	90.0	90.5	91.5	91.7	92.1	92.2	92.2	92.2	92.2	92.2
1.9	68.9	75.4	80.1	85.4	86.4	89.0	90.7	91.3	93.0	93.3	93.7	94.1	94.3	95.1	95.4	95.4
1.9	68.9	75.4	80.1	85.4	86.4	89.2	91.0	91.6	93.2	93.7	94.2	95.3	95.7	97.2	99.0	99.0
1.9	68.9	75.4	80.1	85.4	86.4	89.2	91.0	91.6	93.2	93.7	94.2	95.4	95.8	97.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

USAF ETAC [illegible]

...AL CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS WA 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1600-2800

4.-	13.3	14.	14.2	15.1	15.1	15.2	15.6	15.6	15.6	15.8	15.9	16.5	16.5	16.5	16.5							
.2	15.8	16.4	16.7	17.5	17.5	17.7	18.0	18.0	18.0	18.3	18.4	19.0	19.2	19.2	19.2							
.4	16.5	17.2	17.4	18.3	18.3	18.4	18.8	18.8	18.8	18.8	19.0	19.1	19.8	19.8	19.8	19.8						
.4	16.7	17.3	17.5	18.4	18.4	18.5	18.9	18.9	18.9	19.1	19.3	19.9	19.9	19.9	19.9							
.6	17.2	18.	18.3	19.1	19.1	19.3	19.6	19.6	19.6	19.9	20.0	20.6	20.6	20.6	20.6							
.7	17.9	18.8	19.0	20.0	20.1	20.2	20.6	20.6	20.6	20.9	21.0	21.6	21.6	21.6	21.6							
.9	20.0	20.9	21.1	22.2	22.5	22.6	23.0	23.0	23.0	23.2	23.3	24.0	24.0	24.0	24.0							
.1	20.5	21.4	21.7	23.0	23.2	23.3	23.7	23.7	23.7	24.0	24.1	24.7	24.7	24.7	24.7							
.1	22.2	23.1	23.7	25.2	25.4	25.6	25.9	25.9	25.9	26.2	26.3	26.9	26.9	26.9	26.9							
.4	23.6	24.9	25.3	26.8	27.0	27.3	27.7	27.7	27.7	27.9	28.0	28.6	28.6	28.6	28.6							
.6	25.7	26.9	27.3	29.8	29.0	29.3	29.6	29.6	29.6	29.9	30.0	30.6	30.6	30.6	30.6							
.2	31.1	31.9	32.1	34.0	34.2	34.4	34.8	34.8	34.8	35.1	35.2	35.8	35.8	35.8	35.8							
.6	33.5	34.6	35.7	37.5	37.8	38.0	38.4	38.4	38.4	38.6	38.8	39.4	39.4	39.4	39.4							
.2	41.4	42.2	44.3	46.5	46.8	47.0	47.4	47.4	47.4	47.7	47.8	48.4	48.4	48.4	48.4							
.4	48.6	51.	52.2	54.7	54.9	55.2	55.6	55.6	55.6	55.8	55.9	56.5	56.5	56.5	56.5							
.6	52.7	55.6	57.0	60.2	60.5	60.7	61.1	61.1	61.2	61.5	61.6	62.2	62.2	62.2	62.2							
.8	58.6	62.1	63.6	67.3	67.5	67.9	68.3	68.3	68.4	68.8	68.9	69.5	69.5	69.5	69.5							
.0	63.2	67.2	68.8	72.8	73.1	74.0	74.3	74.3	74.4	74.8	74.9	75.6	75.6	75.6	75.7							
.2	64.0	68.0	69.8	73.8	74.1	74.9	75.3	75.3	75.4	75.8	75.9	76.5	76.5	76.5	76.7							
.0	66.5	71.0	73.1	77.3	77.5	78.5	79.0	79.0	79.1	79.5	79.6	80.2	80.2	80.2	80.4							
.2	67.9	72.7	74.9	79.4	79.6	80.6	81.1	81.1	81.2	81.6	81.7	82.3	82.3	82.3	82.5							
.1	69.4	74.1	77.2	81.7	82.1	83.2	83.8	83.8	84.0	84.3	84.4	85.1	85.1	85.1	85.2							
.1	69.4	74.4	77.7	82.2	82.6	83.8	84.4	84.4	84.6	84.9	85.1	85.7	85.7	85.7	85.8							
.1	69.8	74.9	78.1	82.8	83.2	84.4	85.2	85.2	85.3	85.7	85.8	86.4	86.4	86.4	86.5							
.1	69.9	75.1	78.3	83.0	83.5	84.7	85.4	85.4	85.6	85.9	86.0	86.7	86.7	86.7	86.8							
.1	70.1	75.3	78.5	83.7	84.2	85.4	86.3	86.3	86.4	86.8	86.9	87.5	87.5	87.5	87.7							
.1	70.5	75.9	79.1	84.4	84.9	86.2	87.0	87.0	87.3	87.7	87.9	88.5	88.5	88.6	88.8							
.1	70.6	76.0	79.5	84.8	85.3	86.7	87.7	88.0	88.1	88.5	88.8	89.4	89.4	89.5	89.6							
.1	70.9	76.4	79.9	85.6	86.0	87.5	88.9	89.4	89.8	90.1	90.4	91.2	91.2	91.5	91.6							
.1	70.9	76.4	80.0	85.8	86.4	88.1	89.5	90.1	91.7	91.5	91.7	93.1	93.6	94.6	95.6							
.1	70.9	76.-	80.1	85.9	86.5	88.3	89.6	90.2	91.1	91.6	91.9	93.5	94.-	95.7	99.-							
.1	7 .9	76.5	80.1	85.9	86.5	88.3	89.6	90.2	91.1	91.6	91.9	93.5	94.-	95.7	100.0							

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC ... A ... ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] AAF/FT LEWIS WA 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2200

14.3	17.5	18.[illegible]	18.1	18.5	18.5	18.8	19.0	19.[illegible]	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.4
15.8	19.3	19.9	19.9	20.2	20.2	20.6	20.9	20.9	21.0	21.1	21.1	21.1	21.1	21.1	21.2	21.5
16.1	19.8	20.4	20.4	2[illegible].7	20.7	21.1	21.4	21.4	21.5	21.6	21.6	21.6	21.6	21.7	22.0	
16.4	2[illegible].4	21.1	21.1	21.5	21.5	21.9	22.1	22.1	22.2	22.3	22.3	22.3	22.3	22.5	22.7	
17.8	21.9	22.6	22.6	23.0	23.0	23.3	23.7	23.7	23.8	24.0	24.0	24.0	24.0	24.1	24.3	
19.8	23.2	24.1	24.1	24.6	24.7	25.2	25.6	25.6	25.7	25.8	25.8	25.8	25.8	25.9	26.2	
19.6	24.2	24.9	25.1	25.6	25.7	26.2	26.7	26.7	26.8	26.9	26.9	26.9	26.9	27.0	27.3	
20.2	24.9	25.7	25.8	26.3	26.4	26.9	27.4	27.4	27.5	27.7	27.7	27.7	27.7	27.8	28.1	
22.0	28.5	29.5	29.6	30.4	30.5	31.0	31.6	31.6	31.7	31.9	31.9	31.9	31.9	32.[illegible]	32.[illegible]	
23.1	31.0	32.0	32.3	33.2	33.3	33.8	34.4	34.4	34.6	34.7	34.7	34.7	34.7	34.8	35.1	
24.0	33.2	34.2	34.7	35.6	35.7	36.2	36.8	36.8	36.9	37.[illegible]	37.0	37.0	37.0	37.[illegible]	37.4	
25.2	36.4	38.0	38.5	39.5	39.6	40.1	40.9	40.9	41.0	41.1	41.1	41.1	41.1	41.2	41.5	
26.3	39.5	41.4	41.9	43.0	43.1	43.6	44.3	44.3	44.4	44.6	44.6	44.6	44.6	44.7	44.9	
27.4	47.0	49.3	49.9	51.1	51.2	51.7	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.8	53.1	
28.5	51.5	54.6	55.3	56.8	56.9	57.5	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.6	58.9	
29.1	55.9	59.8	60.6	62.6	62.7	63.7	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.8	65.1	
29.8	60.5	65.1	66.2	68.5	69.8	70.[illegible]	71.0	71.0	71.1	71.2	71.2	71.2	71.2	71.4	71.6	
[illegible].4	64.1	69.4	72.6	73.0	73.7	75.2	76.4	76.4	76.5	76.7	76.7	76.7	76.7	76.8	77.0	
[illegible].5	64.7	70.1	71.5	74.2	74.9	76.4	77.7	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.3	
30.[illegible]	66.8	72.5	74.2	77.3	78.0	80.1	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.7	82.2	
30.[illegible]	68.0	73.8	75.9	79.3	8[illegible].0	82.1	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.7	84.2	
30.6	68.6	74.6	77.3	81.0	82.1	84.2	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.8	86.1	
30.[illegible]	69.1	75.4	77.9	81.6	82.7	84.8	86.0	86.[illegible]	86.2	86.3	86.3	86.3	86.3	86.4	86.7	
30.6	69.3	75.6	78.1	82.0	83.1	85.2	86.4	86.4	86.5	86.7	86.7	86.7	86.7	86.9	87.2	
30.6	69.5	75.8	78.4	82.5	83.6	85.7	86.9	86.9	87.0	87.4	87.4	87.4	87.4	87.5	87.8	
30.6	70.0	76.3	78.9	83.1	84.2	86.5	87.8	87.8	87.9	88.3	88.3	88.3	88.3	88.4	98.6	
30.6	70.0	76.4	79.0	83.6	84.8	87.2	88.6	88.8	88.9	89.3	89.3	89.3	89.3	89.4	89.6	
30.6	70.0	76.7	79.3	84.0	85.4	87.8	89.5	89.9	90.0	90.5	90.5	90.5	90.5	90.6	90.9	
30.6	70.1	76.9	79.8	84.6	86.0	88.9	90.9	91.5	91.7	92.5	92.5	93.1	93.2	93.6	93.9	
30.6	70.1	76.9	79.8	84.6	86.0	89.0	91.2	92.0	92.3	93.5	93.5	94.3	94.4	95.2	96.7	
30.6	70.1	76.9	79.8	84.6	86.0	89.0	91.2	92.1	92.5	93.6	93.6	94.4	94.7	96.[illegible]	99.8	
30.6	70.1	76.9	79.8	84.6	86.0	89.[illegible]	91.2	92.1	92.5	93.6	93.6	94.4	94.7	96.[illegible]	100.0	

TOTAL NUMBER OF OBSERVATIONS 813

USAF ETAC [illegible]

...AL CLIMATOLOGY BRANCH
...TAC
A... ...ATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

...AY AAF/FT LEWIS ...A 73-81 ... 25?

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

12.0-2400

19.1	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
17.1	21.0	21.0	21.0	21.2	21.2	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3
17.3	21.7	21.7	21.7	21.8	21.8	21.9	21.8	21.9	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9
17.7	22.1	22.1	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3
18.3	23.1	23.1	23.1	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5
19.4	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8
19.8	25.4	25.5	25.6	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.0	26.0	26.0	26.0	26.0	26.0
20.3	26.2	26.4	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9
22.6	30.4	30.6	30.8	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3
23.6	32.4	32.9	33.2	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8
24.4	34.5	35.0	35.3	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
26.5	39.1	39.7	40.2	41.0	41.2	41.2	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5
27.2	41.5	42.3	42.8	43.6	43.6	43.8	43.9	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
31.8	49.6	50.7	51.6	52.5	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0
32.6	55.9	57.7	58.7	59.7	59.9	59.9	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
34.5	61.8	63.6	65.2	66.5	66.7	66.7	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0
34.9	66.2	69.3	71.5	73.1	73.6	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3
35.5	69.3	72.5	75.4	77.1	77.7	78.0	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
35.8	69.7	73.1	75.5	77.6	78.3	78.7	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
36.0	71.7	75.5	78.1	80.4	81.3	81.9	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
36.3	73.4	77.2	80.1	82.5	83.4	84.0	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
36.4	74.6	78.8	81.8	84.9	85.9	87.0	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
36.4	75.1	79.2	82.2	85.4	86.4	87.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
36.4	75.2	79.8	82.8	86.0	87.0	88.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
36.4	75.5	80.1	83.5	86.8	87.7	89.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
36.4	75.9	80.4	83.9	87.5	88.5	90.0	91.2	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
36.4	76.1	80.7	84.2	87.7	88.7	90.3	91.6	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
36.4	76.2	80.9	84.3	88.0	89.0	90.8	92.5	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
36.4	76.2	80.9	84.4	88.1	89.1	91.6	93.4	94.8	95.2	95.5	95.5	95.8	95.9	96.3	96.3	96.3
36.4	76.2	80.9	84.5	88.2	89.2	91.7	93.7	95.2	95.5	96.2	96.2	96.8	97.3	97.9	98.4	98.4
36.4	76.2	80.9	84.5	88.2	89.2	91.7	93.7	95.2	95.5	96.2	96.2	96.8	97.6	98.4	99.9	99.9
36.4	76.2	80.9	84.5	88.2	89.2	91.7	93.7	95.2	95.5	96.2	96.2	96.8	97.6	98.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 678

...SAF FTA ... ...

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

AY AAF/FT LEWIS WA 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

15.9	21.0	21.2	20.3	20.4	20.5	20.7	20.7	20.7	20.8	20.8	20.8	21.9	21.9	21.9	21.2
17.1	22.7	22.8	22.9	23.0	23.2	23.3	23.3	23.3	23.4	23.4	23.4	23.5	23.7	23.7	23.8
17.3	22.9	23.1	23.2	23.3	23.4	23.5	23.5	23.5	23.7	23.7	23.7	23.8	23.9	23.9	24.1
17.6	23.2	23.3	23.4	23.5	23.7	23.8	23.8	23.8	23.9	23.9	23.9	24.0	24.2	24.2	24.3
19.2	25.8	25.9	26.0	26.2	26.3	26.4	26.4	26.4	26.5	26.5	26.5	26.7	26.8	26.8	26.9
20.3	27.6	27.8	27.9	28.0	28.1	28.3	28.3	28.3	28.4	28.4	28.4	28.5	28.6	28.6	28.8
22.2	29.9	30.1	30.1	30.3	30.4	30.5	30.5	30.5	30.6	30.6	30.6	30.8	30.9	30.9	31.1
22.4	30.3	30.4	30.5	30.6	30.8	30.9	31.0	31.0	31.1	31.1	31.1	31.3	31.4	31.4	31.5
24.0	34.0	34.2	34.5	34.6	34.7	34.9	35.0	35.0	35.1	35.1	35.1	35.2	35.4	35.4	35.5
24.5	35.4	35.9	36.1	36.2	36.4	36.5	36.6	36.6	36.7	36.7	36.7	36.9	37.0	37.0	37.1
24.5	36.5	37.0	37.4	37.5	37.6	37.7	37.9	37.9	38.0	38.0	38.0	38.1	38.2	38.2	38.4
25.1	41.6	42.5	43.0	43.2	43.3	43.5	43.6	43.6	43.7	43.7	43.7	43.8	44.0	44.0	44.1
25.7	44.2	45.5	46.0	46.3	46.5	46.7	46.9	46.9	47.1	47.1	47.1	47.2	47.3	47.3	47.4
29.3	51.9	52.3	52.9	53.5	53.8	54.0	54.5	54.5	54.7	54.7	54.7	54.8	54.9	54.9	55.1
31.4	56.8	58.3	59.7	60.5	60.8	61.1	61.9	61.9	62.0	62.0	62.0	62.1	62.3	62.3	62.4
31.9	62.8	64.5	66.4	67.5	67.7	68.2	69.0	69.0	69.1	69.1	69.1	69.2	69.4	69.4	69.5
32.9	67.2	70.2	72.6	74.0	74.3	75.0	75.8	75.8	76.0	76.0	76.0	76.1	76.2	76.2	76.3
32.9	69.6	73.2	75.8	77.5	78.1	79.0	80.3	80.3	80.6	80.7	80.7	80.8	80.9	80.9	81.1
32.9	70.2	73.9	76.5	78.1	78.8	79.7	81.1	81.1	81.3	81.4	81.4	81.6	81.7	81.7	81.8
32.9	72.6	76.3	79.2	81.7	82.6	83.4	85.1	85.1	85.3	85.4	85.4	85.6	85.7	85.7	85.8
33.1	73.2	77.5	80.6	83.3	84.2	85.3	86.9	86.9	87.2	87.3	87.3	87.4	87.5	87.5	87.7
33.3	74.1	78.7	82.1	84.8	85.7	87.0	88.8	88.8	89.0	89.2	89.2	89.3	89.4	89.4	89.5
33.3	74.2	79.1	82.4	85.2	86.1	87.7	89.7	89.7	89.9	90.0	90.0	90.2	90.3	90.3	90.4
33.3	74.3	79.3	82.8	85.7	86.6	88.2	90.2	90.2	90.4	90.5	90.5	90.7	90.8	90.8	90.9
33.3	74.5	79.7	83.2	86.3	87.2	89.0	91.0	91.0	91.3	91.4	91.4	91.5	91.7	91.7	91.8
33.3	74.5	79.7	83.3	86.4	87.4	89.8	91.8	92.0	92.3	92.5	92.5	92.7	92.8	92.8	92.9
33.3	74.5	80.0	83.6	86.8	87.8	90.2	92.3	92.5	92.8	93.0	93.0	93.2	93.3	93.3	93.4
33.3	74.5	80.1	83.6	86.8	87.8	90.4	93.4	93.9	94.3	94.9	94.9	95.0	95.1	95.4	95.5
33.3	74.5	80.0	83.6	86.8	87.8	90.7	93.9	94.4	95.3	95.9	95.9	96.3	96.5	96.8	97.0
33.3	74.5	80.0	83.6	86.8	87.8	90.7	94.0	94.5	95.4	96.0	96.1	96.6	97.0	97.5	98.5
33.3	74.5	80.0	83.6	86.8	87.8	90.7	94.0	94.5	95.4	96.1	96.3	96.9	97.3	98.1	99.9
33.3	74.5	80.0	83.6	86.8	87.8	90.7	94.0	94.5	95.4	96.1	96.3	96.9	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 603

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...AY AAFB/FT LEAVENWORTH, KA 73-81 ... JFS

PERCENTAGE FREQUENCY OF OCCURRENCE
...HOURLY OBSERVATIONS 1300-1500

4.6	19.7	2 .1	21.0	22.1	22.2	22.6	22.7	23.	23.6	24.1	24.1	24.6	24.7	25.	25.
4.	22.1	22.	23.5	24.6	24.7	25.1	25.2	25.5	26.1	26.6	26.7	27.2	27.3	27.6	28.
4.	22.1	22.	23.6	24.7	24.8	25.2	25.3	25.6	26.2	26.7	26.8	27.3	27.5	27.7	28.
4.	22.1	22.6	23.6	24.7	24.8	25.2	25.3	25.6	26.2	26.7	26.8	27.3	27.5	27.7	28.
4.	23.3	23.	24.8	26.1	26.2	26.6	26.7	27.0	27.6	28.1	28.2	28.7	28.8	29.1	29.
.	24.2	24.7	25.7	27.0	27.1	27.5	27.6	27.8	28.5	29.2	29.1	29.6	29.7	30.0	30.
.6	26.3	26.	28.	29.2	29.3	29.7	29.8	30.1	30.7	31.2	31.3	31.8	32.	32.2	32.
5.	27.5	29.	29.3	31.6	31.7	31.2	31.3	31.6	32.2	32.8	33.0	33.6	33.7	34.2	34.
5.	29.	31.1	32.6	33.8	34.	34.5	34.6	34.8	35.5	36.1	36.2	36.8	37.	37.2	37.
5.	33.3	33.	34.6	35.8	36.	36.5	36.6	36.8	37.5	38.1	38.2	38.8	39.	39.2	39.
5.	33.2	34.	35.6	36.8	37.	37.5	37.6	37.8	38.5	39.1	39.2	39.8	40.	40.2	40.
5.	36.6	38.	40.1	41.3	41.4	41.9	42.1	42.3	42.9	43.6	43.7	44.3	44.4	44.7	45.
6.	40.6	42.	44.1	45.4	45.6	46.1	46.2	46.4	47.1	47.7	47.8	48.4	48.6	48.8	49.
6.	47.8	49.	51.4	53.1	53.3	53.9	54.1	54.3	55.1	55.7	55.8	56.4	56.6	56.9	57.
7.	52.6	54.	56.8	58.9	59.2	59.8	59.9	60.	61.0	61.7	61.8	62.4	62.5	62.8	63.
7.	57.8	6 .	62.4	64.5	64.8	65.4	65.5	65.9	66.7	67.	67.4	68.2	68.2	68.4	69.
7.	62.2	66.	69.0	71.4	72.0	72.7	72.9	73.3	74.0	74.7	74.8	75.4	75.5	75.8	76.
7.	66.4	71.	75.3	77.9	78.8	79.4	79.7	80.	80.6	81.4	81.5	82.1	82.3	82.5	83.
7.	66.7	71.	75.7	79.3	79.3	79.9	80.1	80.5	91.3	81.9	82.2	82.6	82.	83.0	83.
7.	69.	74.5	78.7	81.8	82.8	83.4	83.8	84.3	85.1	85.8	85.9	86.5	86.6	86.9	87.
7.	69.5	75.	79.3	82.5	83.6	84.5	84.9	85.4	96.3	86.	87.	87.6	87.8	88.	88.
7.	70.2	76.	80.3	83.6	84.8	85.9	86.3	86.8	87.8	88.4	88.5	89.1	89.3	89.5	90.
7.	70.4	76.5	80.9	84.3	85.4	86.5	86.9	87.4	88.4	89.	89.1	89.8	89.9	90.	90.
7.	70.8	77.	81.5	85.1	86.3	87.4	87.8	88.3	89.4	90.1	90.3	90.9	91.0	91.3	91.
7.	71.0	77.3	81.8	85.4	86.5	87.6	88.0	88.5	89.6	90.4	90.5	91.1	91.2	91.5	92.
7.	71.3	77.5	82.0	85.6	86.8	88.3	89.1	89.8	90.9	91.8	91.9	92.5	92.6	92.9	93.
7.	71.5	77.8	82.3	85.9	87.0	88.5	89.4	90.0	91.3	92.3	92.4	93.0	93.1	93.4	94.
7.	71.5	77.8	82.3	86.1	87.5	89.1	90.0	90.6	92.0	93.3	93.4	94.0	94.1	94.4	95.
7.	71.5	77.8	82.3	86.1	87.5	89.4	90.4	91.0	92.4	93.6	93.8	94.5	94.6	95.0	95.6
7.	71.5	77.8	82.3	86.1	87.5	89.4	90.5	91.1	92.5	93.8	93.9	94.9	95.0	95.8	96.9
7.	71.5	77.8	82.3	86.1	87.5	89.4	90.5	91.1	92.6	93.9	94.	95.0	95.6	96.8	99.0
7.	71.5	77.8	82.3	86.1	87.5	89.4	90.5	91.1	92.6	93.9	94.	95.0	95.6	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 601

USAF ETAC ... PREVIOUS EDITIONS OF THIS ... ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
2 ...SERVICE /MAC

CEILING VERSUS VISIBILITY

...AY AAF/FT ...E AA 73-61 063

PERCENTAGE FREQUENCY OF OCCURRENCE 01 0-2323
FROM HOURLY OBSERVATIONS

1.0	21.0	23.0	23.1	23.8	24.0	24.7	25.3	25.3	25.7	25.8	26.0	26.0	26.0	26.0	27.			
1.0	22.1	24.1	24.3	25.3	25.5	26.3	27.0	27.0	27.3	27.6	27.8	28.0	28.2	28.8	29.			
1.0	22.1	24.2	24.5	25.5	25.6	26.5	27.1	27.1	27.5	27.7	28.0	28.1	28.3	29.0	29.1			
1.0	22.2	24.3	24.6	25.6	25.7	26.6	27.2	27.2	27.6	27.8	28.1	28.2	28.5	29.1	29.2			
1.0	23.2	25.6	26.0	27.0	27.1	28.0	28.6	28.6	29.0	29.2	29.5	29.6	29.8	30.0	30.6			
1.0	23.8	26.2	26.6	27.6	27.7	28.7	29.3	29.3	29.7	30.0	30.2	30.5	30.7	31.0	31.5			
1.0	26.1	28.5	26.8	29.8	30.0	31.0	31.5	31.6	32.0	32.2	32.5	32.7	33.0	33.6	33.7			
1.0	26.7	29.2	29.6	30.6	30.7	31.7	32.1	32.3	32.8	33.1	33.3	33.7	34.0	34.6	34.7			
1.0	29.2	31.7	32.3	33.3	33.5	34.5	35.1	35.1	35.6	35.9	36.1	36.5	36.7	37.7	37.8			
2.1	30.8	33.3	34.0	35.0	35.1	36.1	36.7	36.7	37.3	37.6	37.8	38.2	38.5	39.1	39.2			
2.6	32.1	34.7	35.3	36.3	36.5	37.5	38.1	38.1	38.7	39.0	39.2	39.6	39.8	40.4	40.6			
2.6	35.7	38.5	39.2	40.2	40.3	41.3	42.1	42.1	42.8	43.1	43.3	43.7	43.9	44.6	44.7			
2.6	39.5	42.8	43.7	44.7	44.8	45.8	46.6	46.6	47.3	47.6	47.8	48.2	48.4	49.1	49.2			
3.1	46.4	51.2	51.4	52.8	52.9	54.1	54.8	54.9	55.6	55.9	56.1	56.4	56.7	57.3	57.4			
3.4	51.3	55.2	56.4	58.3	58.6	59.8	60.5	60.5	61.3	61.5	61.8	62.2	62.4	63.0	63.2			
3.4	55.2	60.4	61.8	63.9	64.2	65.4	66.2	66.2	67.1	67.3	67.5	67.9	68.2	69.3	66.9			
3.4	61.0	66.2	67.9	70.2	70.4	71.7	72.5	72.5	73.4	73.7	73.9	74.3	74.5	75.2	75.7			
3.4	66.2	72.5	72.7	75.7	75.9	77.2	78.3	78.3	79.2	79.4	79.7	80.0	80.3	80.9	81.2			
3.4	65.8	71.4	73.5	76.9	77.2	78.4	79.5	79.5	80.4	80.6	80.9	81.3	81.5	82.1	82.3			
3.4	67.3	73.4	75.9	79.7	80.1	81.5	83.0	83.1	84.1	84.4	84.6	85.2	85.3	85.9	86.2			
3.5	69.3	74.5	77.0	80.9	81.4	82.8	84.3	84.4	85.3	85.6	85.9	86.3	86.5	87.1	87.3			
3.5	69.7	76.3	79.0	82.9	83.4	84.9	86.3	86.4	87.3	87.6	87.9	88.3	88.5	89.1	89.3			
3.5	69.7	76.4	79.2	83.1	83.6	85.0	86.5	86.6	87.6	88.0	88.3	88.6	88.9	89.5	89.6			
3.6	70.1	76.9	79.7	83.8	84.3	85.6	87.1	87.3	88.3	88.6	88.9	89.3	89.5	90.1	90.3			
3.5	70.2	77.1	79.8	83.9	84.4	85.9	87.5	87.6	88.6	89.0	89.3	89.8	90.0	90.6	90.8			
3.5	70.3	77.2	80.0	84.3	84.8	86.3	88.0	88.1	89.1	89.5	89.8	90.3	90.5	91.1	91.3			
3.5	70.4	77.3	80.5	85.1	85.6	87.1	88.9	89.0	90.1	90.5	90.8	91.3	91.5	92.1	92.3			
3.5	70.4	77.3	80.6	85.3	85.8	87.4	89.3	89.5	90.8	91.1	91.4	91.9	92.1	92.8	92.9			
3.5	70.4	77.3	80.6	85.3	85.8	87.6	89.5	89.8	91.0	91.5	91.8	92.4	92.6	93.3	93.4			
3.5	70.4	77.3	80.6	85.3	85.8	88.0	90.1	90.9	92.3	93.0	93.3	94.3	94.6	95.5	95.9			
3.5	70.4	77.3	80.6	85.3	85.8	88.0	90.1	91.0	92.4	93.1	93.4	94.5	95.6	96.9	99.1			
3.5	70.4	77.3	80.6	85.3	85.8	88.0	90.1	91.0	92.4	93.1	93.4	94.5	95.6	96.91	100.0			

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC ...

1 [illegible] CLIMATOLOGY BRANCH
2 [illegible] SERVICE/AFSC

CEILING VERSUS VISIBILITY

[illegible] AY AAFB, NE [illegible] 70-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]	16.3	19.1	19.5	20.3	20.4	20.7	21.[illegible]	21.[illegible]	21.3	21.5	21.6	21.8	21.9	[illegible]	[illegible]	[illegible]
7.9	20.3	21.2	21.7	22.4	22.5	22.9	23.2	23.3	23.5	23.7	23.8	24.1	24.1	24.3	[illegible]	[illegible]
[illegible].3	20.4	21.5	22.0	22.7	22.8	23.0	23.5	23.4	23.8	24.	24.1	24.4	24.4	[illegible]	[illegible]	[illegible]
[illegible].1	20.5	21.7	22.2	22.9	23.1	23.4	23.7	23.9	24.0	24.2	24.4	24.6	24.7	24.[illegible]	[illegible]	[illegible]
[illegible].2	20.[illegible]	22.0	23.4	24.3	24.4	24.8	25.3	25.1	25.4	25.6	25.7	[illegible].0	[illegible]	[illegible].2	[illegible]	[illegible]
[illegible].1	22.5	23.[illegible]	24.4	25.3	25.4	25.9	26.1	26.2	26.4	26.7	26.8	27.0	27.1	27.2	[illegible]	[illegible]
[illegible].4	24.9	25.7	26.5	27.4	27.6	28.[illegible]	28.2	28.3	28.6	28.[illegible]	[illegible].9	29.0	[illegible]	29.4	[illegible]	[illegible]
[illegible].8	25.6	26.7	27.3	28.2	28.4	28.8	29.1	29.2	29.4	29.7	29.8	30.1	30.2	30.3	[illegible]	[illegible]
10.[illegible]	28.4	29.[illegible]	[illegible].3	31.3	31.5	31.9	32.2	32.3	32.6	32.8	33.[illegible]	[illegible].0	33.3	[illegible].4	[illegible]	[illegible]
1[illegible].[illegible]	30.1	31.4	32.2	33.3	33.4	33.9	34.2	34.3	34.6	34.8	34.9	35.2	35.3	35.4	[illegible]	[illegible]
11.3	31.7	33.[illegible]	33.8	34.9	[illegible].0	35.5	35.8	35.9	[illegible].1	36.4	36.5	36.8	36.9	37.[illegible]	[illegible]	[illegible]
1[illegible].3	35.6	37.[illegible]	38.2	39.4	39.6	40.2	40.4	40.5	40.8	41.[illegible]	41.2	41.5	41.5	41.7	41.[illegible]	[illegible]
12.4	[illegible].9	40.[illegible]	41.9	43.1	43.3	43.8	44.2	44.3	44.6	44.8	45.[illegible]	45.2	45.3	45.4	45.[illegible]	[illegible]
13.[illegible]	46.3	48.[illegible]	49.7	51.3	[illegible].5	52.1	[illegible].9	52.[illegible]	[illegible].[illegible]	[illegible].[illegible]	53.2	53.6	[illegible].7	53.[illegible]	[illegible]	[illegible]
14.[illegible]	[illegible].1	54.7	56.2	58.[illegible]	58.4	59.[illegible]	59.5	59.6	59.9	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].8	[illegible]	[illegible]
15.[illegible]	[illegible].1	[illegible].1	[illegible].9	64.1	64.5	65.2	[illegible].7	[illegible].9	[illegible].2	[illegible].[illegible]	[illegible].6	[illegible].9	[illegible].1	[illegible].3	[illegible]	[illegible]
16.[illegible]	[illegible].9	[illegible].[illegible]	67.9	[illegible].[illegible]	[illegible].9	[illegible].7	72.3	[illegible].[illegible]	[illegible].9	73.1	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]
17.2	[illegible].4	[illegible].7	[illegible].2	[illegible].2	[illegible].8	[illegible].7	[illegible].6	[illegible].7	[illegible].1	[illegible].4	[illegible].5	[illegible].8	[illegible].9	[illegible]	[illegible]	[illegible]
17.3	[illegible].1	[illegible].[illegible]	[illegible].1	[illegible].2	[illegible].8	[illegible].9	[illegible].6	[illegible].8	[illegible].2	[illegible].5	[illegible].6	[illegible].9	[illegible].9	[illegible].1	[illegible]	[illegible]
17.3	[illegible].1	[illegible].1	[illegible].9	[illegible].3	[illegible].[illegible]	[illegible].2	[illegible].1	[illegible].3	[illegible].7	[illegible].[illegible]	[illegible].2	[illegible].4	[illegible].5	[illegible].6	[illegible]	[illegible]
17.4	[illegible].2	[illegible].4	[illegible].4	[illegible].[illegible]	[illegible].7	[illegible].9	[illegible].9	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	[illegible].2	[illegible].[illegible]	[illegible].[illegible]	[illegible]	[illegible]
17.4	[illegible].1	[illegible].6	[illegible].[illegible]	[illegible].9	[illegible].1	[illegible].1	[illegible].[illegible]	[illegible].[illegible]	[illegible].7	[illegible].[illegible]	[illegible].1	[illegible].4	[illegible].5	[illegible].6	[illegible]	[illegible]
17.4	[illegible].5	[illegible].1	[illegible].4	[illegible].[illegible]	[illegible].2	[illegible].6	[illegible].6	[illegible].8	[illegible].3	[illegible].6	[illegible].8	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible]	[illegible]
17.4	[illegible].7	[illegible].4	[illegible].9	[illegible].[illegible]	[illegible].7	[illegible].2	[illegible].3	[illegible].5	[illegible].9	[illegible].[illegible]	[illegible].4	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible]	[illegible]
17.4	[illegible].9	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible].7	[illegible].2	[illegible].3	[illegible].5	[illegible].9	[illegible].[illegible]	[illegible].4	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible]	[illegible]
17.4	[illegible].9	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible].7	[illegible].2	[illegible].3	[illegible].5	[illegible].9	[illegible].[illegible]	[illegible].4	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible]	[illegible]
17.4	[illegible].9	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible].7	[illegible].2	[illegible].3	[illegible].5	[illegible].9	[illegible].[illegible]	[illegible].4	[illegible].7	[illegible].9	[illegible].[illegible]	[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 454

[illegible]

2

CEILING VERSUS VISIBILITY

ALL

ALL

[illegible]	[illegible]	34.7	34.6	35.1	35.2	35.4	35.6	[illegible]	35.8	[illegible]	35.9	[illegible]	36.1	[illegible]	[illegible]
[illegible]	37.2	37.9	38.4	38.9	[illegible]	39.2	39.4	39.5	39.6	39.8	39.8	39.9	[illegible]	[illegible]	[illegible]
[illegible]	37.6	38.3	38.6	38.7	39.4	39.6	[illegible]	[illegible]	40.	40.1	40.1	40.3	[illegible]	[illegible]	[illegible]
[illegible]	37.9	38.	39.1	39.6	39.7	39.9	40.1	40.2	40.3	40.4	40.5	40.6	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	40.3	40.9	41.0	41.2	41.4	41.5	41.6	[illegible]	41.8	41.9	[illegible]	42.1	[illegible]
[illegible]	40.6	41.4	[illegible]	42.4	42.5	42.8	42.9	[illegible]	43.2	43.3	[illegible]	43.5	[illegible]	43.7	[illegible]
[illegible]	41.6	43.4	43.9	44.5	44.6	44.8	45.0	45.1	45.3	45.4	45.4	45.6	45.6	45.9	[illegible]
[illegible]	[illegible]	44.2	44.7	45.3	45.4	45.6	45.8	45.9	46.1	46.2	46.2	46.4	46.4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	47.3	[illegible]	[illegible]	[illegible]	48.5	48.6	48.8	49.0	[illegible]	49.1	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	49.4	[illegible]	50.1	50.4	50.6	50.7	50.9	[illegible]	[illegible]	51.2	51.3	[illegible]	52.
[illegible]	[illegible]	[illegible]	51.1	51.8	51.9	52.2	52.4	52.5	52.6	52.8	52.8	52.9	[illegible]	53.1	[illegible]
[illegible]	[illegible]	[illegible]	55.4	56.1	56.3	56.5	56.8	56.9	57.	[illegible]	57.2	57.4	57.4	57.6	57.7
[illegible]	56.7	[illegible]	[illegible]	59.3	59.4	59.7	59.9	[illegible]	[illegible]	60.4	60.4	60.5	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	64.7	65.6	65.7	[illegible]	66.3	66.4	66.6	66.7	66.7	[illegible]	[illegible]	67.1	[illegible]
[illegible]	[illegible]	[illegible]	70.4	71.4	71.5	71.9	72.2	[illegible]	72.5	[illegible]	72.7	[illegible]	72.9	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	76.3	76.5	76.9	77.2	77.3	77.5	77.7	77.7	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	78.9	[illegible]	81.7	81.5	82.	82.3	[illegible]	82.7	[illegible]	82.9	[illegible]	83.1	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.3	85.8	86.2	86.4	86.6	86.8	86.8	[illegible]	87.	[illegible]	[illegible]
[illegible]	[illegible]	87.	[illegible]	85.8	86.	86.6	[illegible]	87.1	87.4	87.6	87.6	87.7	87.8	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	87.9	88.2	88.9	89.3	89.4	89.7	[illegible]	89.9	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	83.3	[illegible]	87.6	89.3	89.6	[illegible]	90.7	[illegible]	91.1	[illegible]	91.3	91.5	91.6	91.7	[illegible]
[illegible]	83.9	[illegible]	88.4	[illegible]	90.5	91.2	91.7	91.9	[illegible]	92.4	92.4	92.6	92.6	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	88.8	90.6	91.0	91.7	92.2	92.4	92.7	[illegible]	92.9	[illegible]	93.1	[illegible]	[illegible]
[illegible]	84.4	[illegible]	89.1	[illegible]	91.4	92.1	92.6	92.9	93.2	93.4	93.4	93.6	93.6	93.8	[illegible]
[illegible]	84.5	87.6	89.4	91.3	91.7	92.5	93.1	[illegible]	93.6	93.8	93.8	[illegible]	94.1	[illegible]	94.4
[illegible]	84.7	[illegible]	89.7	91.7	92.1	93.1	93.6	93.9	94.2	94.4	94.5	94.7	94.7	[illegible]	[illegible]
[illegible]	84.8	88.	89.9	[illegible]	92.5	93.5	94.2	94.5	[illegible]	95.1	95.1	95.3	95.4	95.6	[illegible]
[illegible]	84.9	[illegible]	[illegible]	92.3	92.8	93.9	94.7	95.1	95.5	95.8	95.9	96.1	96.2	96.4	[illegible]
[illegible]	84.9	[illegible]	[illegible]	92.4	92.9	94.2	95.1	95.5	96.1	96.5	96.5	96.8	[illegible]	97.2	97.4
[illegible]	84.9	88.1	90.2	92.5	[illegible]	94.3	95.3	[illegible]	96.4	[illegible]	[illegible]	97.5	97.7	98.1	98.6
[illegible]	84.9	[illegible]	90.2	92.5	93.0	94.3	95.3	[illegible]	96.5	97.	97.1	97.6	97.9	98.6	99.6
[illegible]	84.9	[illegible]	90.2	92.5	93.0	94.3	95.3	[illegible]	96.5	97.	97.1	97.7	97.9	98.6	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

STATION STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9		
	-07	14.4			.0						1.4	.0	7.7
	-10	1.4			.0						15.5	.0	7.8
	-	.0			.0						11.1	3.7	8.1
	-11	.0			.0						2.0	1.1	4.0
	-16	4.7			1.0						2.4	12.7	7.0
	-	4.			.0						2.6	6.5	8.3
	-	.			.0						17.	7.	7.0
	-22	11.0			15.7						3.0	.0	7.0
TOTALS		.0			2.5							12.4	8.1

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

SKY COVER

STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS											24.5	57.6		

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

...L CLIMATOLOGY BRANCH
...TAC
...WEATHER SERVICE/MAC

SKY COVER

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
	-05	17.3			13.6						13.9	49.1	7.1	7
	06-08	17.9			11.7						17.1	43.1	7.0	7
	09-11	7.1			17.7						21.4	49.1	8.2	77
	12-14	10.7			14.6						22.4	47.5	8.4	77
	15-17	8.7			16.6						22.7	44.4	7.4	7
	18-20	10.9			17.4						22.9	43.7	8.2	77
	21-23	7.4			17.9						21.2	44.4	7.8	77
	00-23	.7			13.4						7.7	44.7	7.7	77
TOTALS		8.4			13.4						25.7	47.6	7.9	6697

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

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]						21.4	4 .3	.6	[illegible]
	[illegible]	11.7			21.7						19.4	46.7	7.1	[illegible]
	[illegible]	7.1			19.9						20.7	45.3	8.1	[illegible]
	-11	8.5			19.1						24.7	44.5	8.1	61
	[illegible] -14	8.			17.7						27.6	41.4	8.1	61
	-17	7.3			21.6						25.5	42.4	7.9	61
	-2[illegible]	7.7			[illegible]						21.1	35.5	7.3	61
	[illegible]-27	15.7			24.7						23.2	37.4	6.6	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	41.4	[illegible]	1475

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

...AL CLIMATOLOGY BRANCH
...LTAC
...WEATHER SERVICE/MAC

SKY COVER

... AFB/FT LEWIS, WA ... MAY
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
...	2-10	1 .6			. .7						1 .	7.2	.7	
	2-15	.			.5.7						24.5	. .5	7.1	
	2-1	5.7			1 .7						34.4	49.6	7.9	
	-11	5.4			1 .6						41.5	30.5	7.1	
	1 -14	5.7			1 .4						36.7	46.7	7.8	
	-17	3.7			2 .6						37.4	7.3	7.6	
	1 -2	4.5			2 .9						31.2	12.4	7.	
	1-23	17.7			0.3						0.5	31.	.	
TOTALS		.			1						31.3	36.6	7.2	1

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

2

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SKY COVER

STATION | SAN BAT/FT LEWIS WA | 77-81 PER OC | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS PER OCTA	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
	0-02	21.5			2.7						1.0	34.7	.3	811
	3-05	6.3			27.3						27.2	39.7	7.7	810
	6-08	2.5			21.9						28.9	47.6	7.5	810
	9-11	3.7			2 .1						26.7	39.2	7.7	811
	12-14	3.7			22.7						31.9	32.1	7.7	811
	15-17	7.2			23.7						29.2	28.5	7.7	811
	18-20	4.1			21.3						28.7	35.7	7.7	810
	21-23	11.5			34.5						27.2	26.1	5.9	809
TOTALS		8.4			24.4						32.5	23.5	7.1	9675

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

...AL CLIMATOLOGY BRANCH
...TAC
...ETH AFS, SCRVICE/MAC

SKY COVER

...DAY AAFB/FT LEWIS, WA — 77-81 — JUL
STATION — STATION NAME — PERIOD — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	1-02	31.1			11.9						15.2	37.9	4.8	434
	04-07	21.1			27.9						29.8	21.1	5.4	434
	10-13	13.9			21.9						25.4	24.8	6.0	434
	16-19	11.5			21.1						26.7	35.0	6.7	434
	22-25	14.7			27.7						29.3	21.2	6.0	434
	28-31	17.9			23.1						31.2	17.8	5.9	434
	34-37	15.4			31.7						27.6	16.4	5.9	434
	40-43	17.5			31.4						22.7	13.4	5.9	434
TOTALS		16.9			27.7						27.1	25.6	5.8	6944

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

[illegible] CLIMATOLOGY BRANCH
[illegible]AC
A[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] AV AAFB/FT LEA[illegible] NM [illegible]-[illegible]
STATION STATION NAME YRS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]-[illegible]	33.3			[illegible].6						[illegible].6	9.7	[illegible].[illegible]	[illegible].71
[illegible]	[illegible]-[illegible]	1[illegible].8			[illegible].7						[illegible].6	[illegible]3.6	[illegible].[illegible]	[illegible].7
[illegible]	[illegible]-[illegible]8	[illegible].1			1[illegible].7						[illegible].9	[illegible]3.7	[illegible].[illegible]	[illegible].34
[illegible]	[illegible]-11	[illegible].9			[illegible].4						[illegible].1	[illegible]1.6	[illegible].[illegible]	[illegible].77
[illegible]	[illegible]-[illegible]	1[illegible].2			[illegible]3.7						24.4	[illegible].6	[illegible].[illegible]	[illegible].77
[illegible]	[illegible]-17	[illegible]1.7			[illegible].6						[illegible].7	[illegible]3.2	[illegible].[illegible]	[illegible].77
[illegible]	[illegible]-2[illegible]	1[illegible].4			[illegible].4						[illegible].8	[illegible].7	[illegible].7	[illegible].37
[illegible]	[illegible]1-27	[illegible].6			[illegible].7						17.2	[illegible]4.3	[illegible].[illegible]	[illegible].77
TOTALS		[illegible]5.[illegible]			[illegible]7.9						22.4	32.[illegible]	[illegible].2	[illegible].68

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

SKY COVER

[illegible] [illegible] [illegible] [illegible]
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN AMOUNT			
		0	1	2	3	4	5	6	7	8	9			
[illegible]	[illegible]-12	31.6			27.7						17.1	17.6	4.6	[illegible]
	[illegible]-[illegible]	25.7			19.3						14.2	13.[illegible]	5.3	[illegible]
	[illegible]-[illegible]	9.6			21.4						8.6	10.[illegible]	7.[illegible]	[illegible]
	[illegible]-11	13.2			22.6						7.3	12.[illegible]	[illegible].[illegible]	[illegible]
	1-14	1[illegible].[illegible]			21.3						7[illegible].1	15.[illegible]	6.4	[illegible].9
	[illegible]-17	17.2			21.4						13.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]
	[illegible]-2[illegible]	21.7			21.3						[illegible].[illegible]	12.[illegible]	[illegible].[illegible]	[illegible].[illegible]
	1-23	36.4			27.8						16.[illegible]	2[illegible]	[illegible].[illegible]	[illegible].[illegible]
TOTALS		[illegible].[illegible]			27.[illegible]						75.8	[illegible]9.9	[illegible].[illegible]	[illegible].[illegible]

SKY COVER

STATION | STATION NAME | PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER												
		0	1	2	3	4	5	6	7	8	9	10		
		23.[illegible]			.[illegible]						[illegible].4	5[illegible].[illegible]	.[illegible]	
		1[illegible].[illegible]			.[illegible]						2.	[illegible]5.	[illegible].1	1
		[illegible].[illegible]			.[illegible]						[illegible].[illegible]	.[illegible]	[illegible].[illegible]	
	-1[illegible]	[illegible].4			.[illegible]						[illegible].2	[illegible].5	[illegible].	
	1[illegible]-1[illegible]	[illegible].7			2[illegible].[illegible]						[illegible]1.4	[illegible].4	[illegible].4	
	-1[illegible]	1[illegible].4			.[illegible]						[illegible].[illegible]	[illegible].[illegible]	.[illegible]	
	-2[illegible]	1[illegible].[illegible]			[illegible].0						1[illegible].[illegible]	16.	[illegible].[illegible]	
	1-2[illegible]	25.[illegible]			[illegible].1						16.[illegible]	[illegible].[illegible]	[illegible].[illegible]	
TOTALS		[illegible].1			[illegible]1.[illegible]						[illegible].[illegible]	4[illegible].6	[illegible].[illegible]	[illegible]614

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] SERVICE/MAC

SKY COVER

[illegible] STATION | [illegible] STATION NAME | [illegible] PERIOD | [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN SKY COVER	TOTAL N
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM [illegible] 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN SKY COVER	
		0	1	2	3	4	5	6	7	8	9	10		
TOTALS														

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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 of occurrence of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and the number of observations in three separate tables as follows:

a. Daily maximum temperatures
b. Daily minimum temperatures
c. Daily mean temperatures

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

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

a. Extreme maximum temperature
b. Extreme minimum temperature

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

(1) * indicates the extreme was selected from a month with one or more days missing.

(2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 1° classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

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

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

      [illegible] temperature element was not reported prior to 1948. Relative humidity usually was not reported prior to 1954, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

2

...AL CLIMATOLOGY BRANCH
...TAC
...ATH. SERVICE /MAC
...AN AAF/FT LEA...G A...

STATION NAME

...-47, 67-69, 71-5...

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

...AY ...LOW

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
							.6	1.8					.
					.4	.3	3.7	4.9	.6				.
					.7	3.6	11.9	12.3	2.7	.2			.
				.3	4.3	10.2	20.2	23.2	4.3	.3			.
				.8	1.3	22.3	46.7	43.6	21.1	1.3			1 .
		.1	.6	5.1	19.3	36.9	67.2	67.6	4 .6	7.7	.3		.
		.3	2.3	13.8	38.8	62.7	9 .1	87.4	67.	21.3	1.		12.
	.	.3	11.6	32.5	62.8	89.5	98.7	99.1	93.8	48.3	5.4	1.1	47.
5	4.9	1.3	31.3	57.1	86.3	96.5	100.0	100.0	99.4	81.5	20.2	7.9	69.4
	19.8	44.3	6 .7	88.3	98.2	99.8			100.	95.6	56.3	29.4	78.
4	4.	73.8	90.8	99.4	100.	100.1				99.4	82.7	54.4	87.4
	7 .1	9 .1	96.6	100.0						100.0	95.4	76.1	94.
3	8 .8	99.2	100.1								99.4	85.	98.
	7.4	1 .1									100.1	87.8	99.
2	9.5											95.7	99.5
	10.1											99.8	100.
												100.	100.
MEAN	33	41.6	51.7	60.6	69.1	78.3	84.2	84.1	75.8	62.7	49.1	40.1	61.6
S.D.	9.99	9.165	8.234	8.976	8.244	7.933	8.[illegible]	8.205	7.154	8.373	8.729	7.178	19.794
TOTAL OBS	647	594	651	661	671	661	673	651	631	673	671	643	7747

USAFETAC [illegible] 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AL METEOROLOGY BRANCH
USAC
[illegible] SERVIC /MAC
[illegible] AY AAF/ET _E.IS AA
STATION NAME

54-4 , 6[illegible]-69, 71-3[illegible]
YEARS

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
							.1						
						.3	2.4	.1	1.3	.2			.3
5					1.3	.8	3[illegible].9	45.3	15.1	2.1	.4		.9
	.1	.2	.3	2.1	11.9	47.4	78.2	82.2	48.6	13.5	2.4	1.1	24.[illegible]
4	.1	.7	8.3	12.4	43.7	83.2	95.5	96.5	79.7	41.1	14.8	11.2	47.[illegible]
	.2	2[illegible].7	29.[illegible]	40.1	77.9	97.4	99.7	99.8	96.5	71.2	42.4	28.5	61.[illegible]
	[illegible]1.3	51.3	59.4	78.9	95.7	99.7	1[illegible].0	1[illegible].0	99.7	91.8	67.9	52.7	7[illegible].[illegible]
3	63.5	63.6	71.7	8[illegible].4	97.9	100.0			99.8	95.9	77.9	63.5	8[illegible].4
	5[illegible].6	7[illegible].3	85.9	96.8	1[illegible].0				1[illegible].0	99.2	58.9	78.1	9[illegible].6
	86.1	95.1	98.2	1[illegible].0						99.8	97.[illegible]	92.5	97.[illegible]
	93.5	98.3	99.8							1[illegible].0	99.6	96.7	99.[illegible]
25	96.4	99.5	1[illegible].0								1[illegible].[illegible]	98.2	99.[illegible]
	99.1	99.8										99.2	1[illegible].[illegible]
	1[illegible].[illegible]	1[illegible].7										1[illegible].0	1[illegible].[illegible]
MEAN	[illegible]2.[illegible]	3[illegible].9	36.[illegible]	[illegible].8	[illegible]3.5	4[illegible].3	5[illegible].4	5[illegible].3	49.1	42.2	3[illegible].7	24.[illegible]	[illegible]2.[illegible]
S.D.	[illegible].143	[illegible].[illegible]15	5.709	5.173	[illegible].145	4.534	4.193	4.279	5.177	[illegible].935	6.568	7.7[illegible]3	[illegible].[illegible]6
TOTAL OBS	[illegible]47	[illegible]94	6[illegible]1	66[illegible]	67[illegible]	66[illegible]	67[illegible]	[illegible]51	63[illegible]	67[illegible]	67[illegible]	64[illegible]	[illegible]747

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

2

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE / MAC
[illegible] AFB, [illegible] (AAF/JET LE[illegible]TS AF) 73-74, 67-69, 71-[illegible]
STATION STATION NAME YEARS

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
							.3	.3					.1
						.3	2.4	4.1					.5
					.7	2.1	12.4	12.9	1.4				1.1
					1.3	12.5	36.8	40.1	13.1	.6			4.1
				.1	13.6	42.4	79.5	81.9	44.4	5.6	.5		23.1
	.5	1.2	1.2	8.5	38.5	8 .2	97.3	98.6	86.5	29.1	2.7	.2	37.5
	4.3	6.3	12.7	32.7	77.5	98.5	1 0.0	100.0	98.6	65.4	17.5	9.	52.6
4	.5	10.3	46.1	75.3	97.6	100.0			99.6	91.6	5 .5	29.7	7 .5
	13.	65.7	82.6	99.2	1 0.1				100.0	99.2	79.5	55.1	81.6
7	71.9	93.9	97.5	1 0.0						99.8	94.5	79.8	94.5
8	8.7	98.1	100.0							100.1	99.	93.4	98.
9	6.	99.1									100.0	98.	99.
	9.8	1 0.0										98.8	99.
	1 0.1											99.8	100.
												00.0	100.0
MEAN	.2	42.1	44.1	47.9	53.5	59.9	63.5	63.9	59.1	51.5	44.2	4 .2	5 .6
S.D	.134	5.435	4.728	4.617	5.346	4.901	4.961	4.868	4.464	5.363	5.737	7.118	1 .31
TOTAL OBS	647	594	651	661	671	661	673	651	631	638	671	643	7747

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

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

[illegible] DEGREES FAHRENHEIT

YEAR / MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]				[illegible]	85	[illegible]	95	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
						[illegible]	93	[illegible]	[illegible]	[illegible]	[illegible]		
[illegible]	[illegible]	57	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	63	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]		
[illegible]	[illegible]	66	[illegible]	67	[illegible]	[illegible]	77	84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	56	71	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	58	67	7[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	6[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	53	7[illegible]	73	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]
6[illegible]	[illegible]	[illegible]9	[illegible]	[illegible]	[illegible]	[illegible]	97	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	71	[illegible]		7[illegible]	8[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]1		
[illegible]	[illegible]	[illegible]4	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	56	[illegible]	[illegible]
	[illegible]	[illegible]9	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	5[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]4	[illegible]	[illegible]	[illegible]	[illegible]	8[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]3	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]7	[illegible]	[illegible]	[illegible]	74	7[illegible]	[illegible]	86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7[illegible]	[illegible]	55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]7	[illegible]	74	6[illegible]	[illegible]	[illegible]
7[illegible]	[illegible]	56	66	7[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]4	[illegible]	75	77	74	[illegible]	[illegible]5	[illegible]	[illegible]	71	[illegible]	[illegible]
	[illegible]	[illegible]2	[illegible]	7[illegible]	75	7[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	[illegible]	[illegible]
MEAN	[illegible]	[illegible].9	[illegible]	72.5	[illegible]	[illegible]4.5	[illegible]	[illegible]	[illegible]	[illegible].4	61.3	[illegible]	[illegible]
S.D.	[illegible]	4.892	4.5[illegible]4	5.9[illegible]2	6.5[illegible]8	4.437	5.297	6.2[illegible]6	[illegible].61[illegible]	4.4[illegible]7	[illegible].[illegible]88	3.[illegible]	[illegible]
TOTAL OBS.	[illegible]47	[illegible]94	[illegible]	[illegible]	67[illegible]	[illegible]6[illegible]	673	[illegible]	[illegible]3	[illegible]	[illegible]	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION [illegible] STATION NAME [illegible] YEARS [illegible]

[illegible] DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
				[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					
						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
	[illegible]	[illegible]	27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36	[illegible]	47	[illegible]	[illegible]	34	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]	7	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	34	[illegible]	47	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]
	[illegible]	25	[illegible]	[illegible]	37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
MEAN	[illegible]	27.2	[illegible]	[illegible]	[illegible]	[illegible]	44.7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	2.627	[illegible]	2.633	3.057	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	594	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	651	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

NOTES * ([illegible] ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

[illegible]RAL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] | [illegible]RAY AAF/FT LEWIS WA | 7[illegible]-[illegible] | [illegible]

STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] | [illegible] | HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]			.[illegible]	.1														[illegible]	[illegible]		
[illegible] / [illegible]		.[illegible]	.[illegible]															[illegible]	[illegible]		
[illegible] / [illegible]	.[illegible]	[illegible].[illegible]	.[illegible]															[illegible]	15	[illegible]	
[illegible] / [illegible]	.[illegible]	1.1	.4															[illegible]	[illegible]	[illegible]7	[illegible]
[illegible] / [illegible]7		[illegible].[illegible]	1.															[illegible]1	[illegible]	[illegible]4	5
[illegible] / 4[illegible]	.7	6.7	.[illegible]															4[illegible]	4[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	.[illegible]	7.[illegible]	1.[illegible]	.[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 4[illegible]	.	7.7	[illegible].[illegible]	.2														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	.2	3.[illegible]	1.6	.1	.1													[illegible]3	[illegible]3	7[illegible]	7[illegible]
[illegible] / [illegible]	.1	7.4	1.	.4														[illegible]	[illegible]1	[illegible]	[illegible]4
[illegible] / [illegible]	.[illegible]	[illegible].5	.6	.1	.4													[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	.[illegible]	[illegible].[illegible]	.1	.[illegible]														[illegible]	[illegible]	[illegible]3	[illegible]
[illegible] / [illegible]	.[illegible]	[illegible].[illegible]	1.[illegible]	.1	.[illegible]													[illegible]	[illegible]	[illegible]	2
[illegible] / [illegible]	.	[illegible].1	1.		.[illegible]													[illegible]3	[illegible]3	7[illegible]	[illegible]
[illegible] / [illegible]	.	[illegible].[illegible]	.[illegible]															[illegible]	[illegible]	34	[illegible]
[illegible] / [illegible]	.	[illegible].7	.[illegible]	.4														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 2[illegible]	.	[illegible].	.[illegible]	.[illegible]														[illegible]	1[illegible]	[illegible]5	[illegible]
[illegible] / [illegible]	.	1.[illegible]	.1	.2														[illegible]	[illegible]	[illegible]7	2
[illegible] / [illegible]	.[illegible]	1.[illegible]	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		1.5	.5															[illegible]	[illegible]	1[illegible]	[illegible]
[illegible] / [illegible]		.7	.5															[illegible]	[illegible]		[illegible]
[illegible] / [illegible]		.4	.1															[illegible]	[illegible]	[illegible]	14
[illegible] / [illegible]																				[illegible]	11
[illegible] /		.[illegible]																[illegible]	[illegible]		[illegible]
[illegible] /		.[illegible]																1	1	[illegible]	1
/																					[illegible]
/																					12
/																					[illegible]
/ -																					[illegible]
[illegible] / -																					[illegible]
[illegible]	1[illegible].6	64.7	16.4	[illegible].6	1.[illegible]														[illegible]2[illegible]		[illegible]23
																		62[illegible]		62[illegible]	

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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]2[illegible]							
Dry Bulb	11 34 [illegible]	[illegible]34[illegible]	[illegible]	[illegible]	[illegible]2[illegible]		31.[illegible]					[illegible]
Wet Bulb	[illegible]749	[illegible]1	3[illegible].	[illegible]	[illegible]2[illegible]		35.4					[illegible]
Dew Point	[illegible]773	[illegible]372	3[illegible].[illegible]	1[illegible].44[illegible]	[illegible]2[illegible]	[illegible].2	4[illegible].5					[illegible]

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

HOURS ... 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
/ 5[illegible]			.4	.1																	
/ 5[illegible]		.[illegible]	.[illegible]	.6																	
/ [illegible]		1.2	.2	.4																	
/ 4[illegible]		.[illegible]	1.2																		
/ 4[illegible]		.[illegible]																			
/ 4[illegible]		.[illegible]	.[illegible]	1.[illegible]																	
/ 4[illegible]	1.[illegible]	5.[illegible]	.[illegible]	.7	.1													4	74		
/ [illegible]	.[illegible]	.[illegible]	.2	.1	.1													[illegible]	[illegible]		
/ [illegible]	.[illegible]	5.7	1.9	.2	.1													7[illegible]	7[illegible]		
/ [illegible]	1.[illegible]	5.7	.[illegible]	.1	.[illegible]													7[illegible]	7[illegible]		
/ [illegible]	.5	.[illegible]	.[illegible]	.2														[illegible]	[illegible]	4	7
/ [illegible]	.[illegible]	.3	.6	.1	.[illegible]													[illegible]	[illegible]		
/	.2	1.[illegible]	.[illegible]		.[illegible]													[illegible]	[illegible]		
/	.[illegible]	1.[illegible]	.[illegible]		.[illegible]														[illegible]		
/	.[illegible]	1.[illegible]	.[illegible]	.4																	
/ 2[illegible]	.6	1.[illegible]	.4															[illegible]	[illegible]		
/ [illegible]	.[illegible]	.[illegible]	.[illegible]	.1														[illegible]	[illegible]		
/ [illegible]	.4	.[illegible]	.[illegible]															[illegible]	[illegible]		
/		1.[illegible]																[illegible]	[illegible]		
/ [illegible]		1.1	.[illegible]																		
/ [illegible]		1.[illegible]	.1															[illegible]	[illegible]		
1 / [illegible]		.4																[illegible]	[illegible]		
/		.1																[illegible]	[illegible]		
/		.4																[illegible]	[illegible]		
/																					
/																					
/																					
/ [illegible]																					
/ [illegible]																					
T[illegible]	1	.5	6.[illegible]	4.6	.[illegible]	1	1.2											[illegible]	[illegible]	[illegible]	[illegible]
																		[illegible]2	[illegible]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.	[illegible]	68[illegible]71	87.[illegible]	[illegible].[illegible]4	[illegible]							
Dry Bulb	1[illegible]	[illegible]	35.1	8.[illegible]4	[illegible]		31.[illegible]					93
Wet Bulb	[illegible]	[illegible]7588	33.6	[illegible].723	[illegible]2		37.3					93
Dew Point	[illegible]	75[illegible]76	3[illegible].5	[illegible].624	[illegible]	1.4	49.4					93

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

...AL CLIMATOLOGY BRANCH
...ETAC
...EATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

... AY AAF/FT LE... AR ... 73-81 ... LAT
STATION STATION NAME YEARS MONTH

... HOURS ... S. T.

Te (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
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]					

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

PSYCHROMETRIC SUMMARY

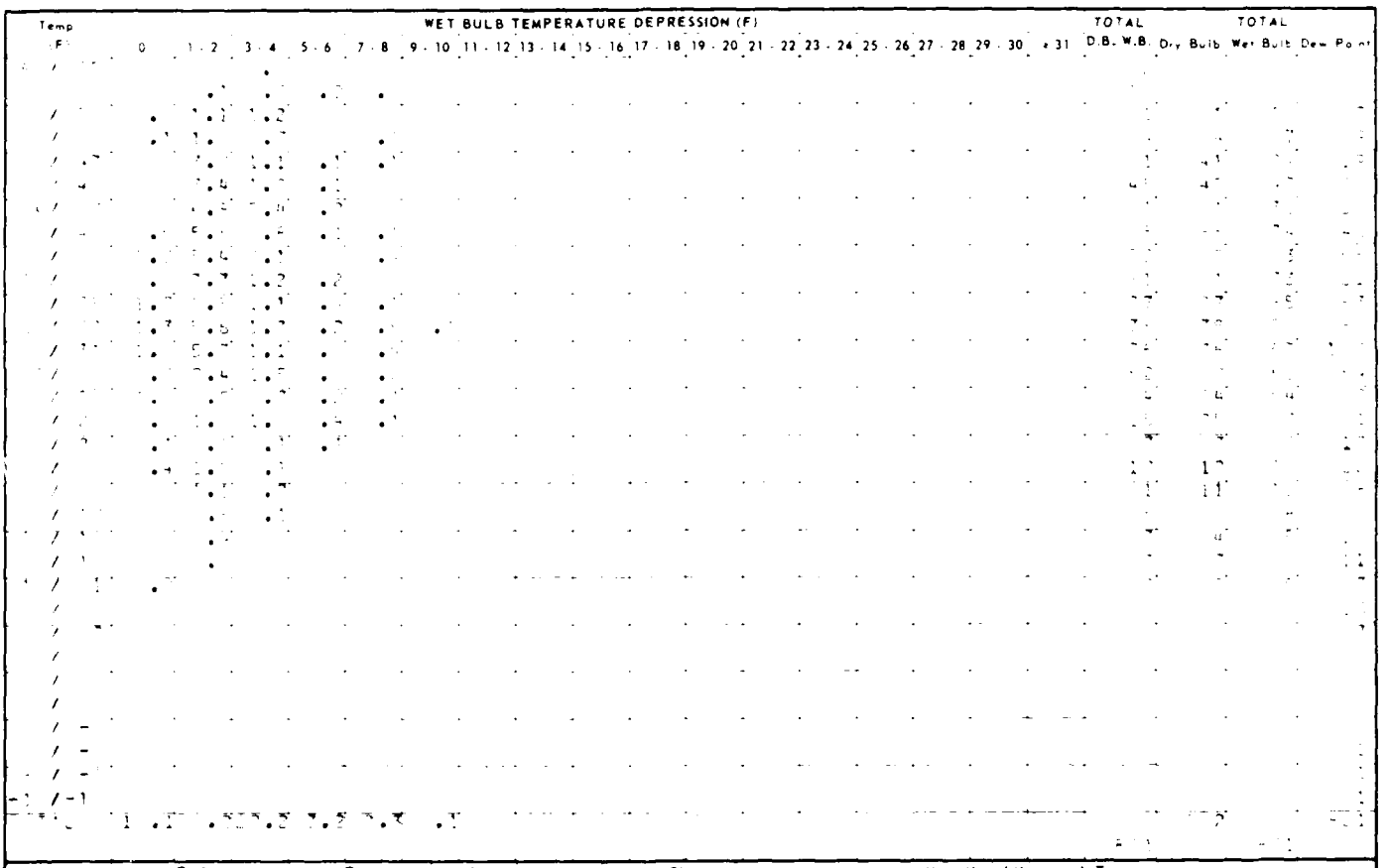
STATION

STATION NAME

YEARS

MONTH

HOURS



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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

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

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS

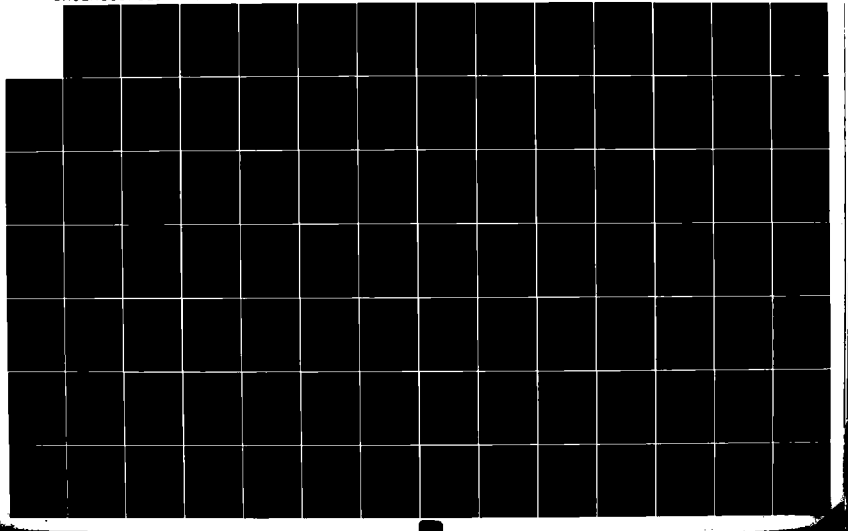
Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL	TOTAL
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B	Dry Bulb	Wet B	t Dew F							

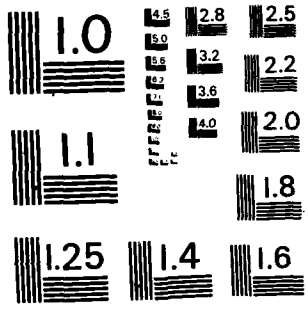
Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

AD-A128 112 GRAY AAF/FORT LEWIS WASHINGTON REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 14 DEC 82

UNCLASSIFIED USAFETAC/DS-82/082 SBI-AD-E850 362 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

[illegible] 7 — STATION
[illegible]RAY AAF/FT LEWIS WA — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 1 — 15[illegible]E-1730 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
/ [illegible]					.1													1	1					
5 / [illegible]		.1	.1	.4	.1													6	6					
/ [illegible]		.4	1.[illegible]	.6	.2													[illegible]2	[illegible]2	[illegible]				
/ [illegible]	.[illegible]	1.1	1.8	.2			.[illegible]											[illegible]3	[illegible]3	[illegible]3	[illegible]			
[illegible] / [illegible]		2.7	2.9	.5	.1													[illegible]1	[illegible]1	[illegible]	[illegible]			
/ 47	.1	3.3	2.[illegible]	1.9	.1	.1												68	68	[illegible]4	28			
[illegible] / 4	.1	5.6	4.[illegible]	1.3														[illegible]3	[illegible]3	[illegible]6	42			
4/ 47		5.6	3.8	2.1	.2	.1	.1											96	98	[illegible]7	51			
[illegible] / 41	.4	4.3	4.4	1.6	.2	.2												[illegible]1	[illegible]1	[illegible]6	61			
/ [illegible]	.9	5.2	3.6	.6	.1	.1												[illegible]7	[illegible]7	[illegible]	[illegible]3			
/ [illegible]	.5	5.2	[illegible].6	1.1	1.1	.2												[illegible]8	[illegible]8	1[illegible]6	72			
/ 35	.[illegible]	3.[illegible]	2.2	1.2	1.1	.1												65	65	[illegible]7	[illegible]7			
3 / 33	.2	2.9	1.5	1.5	1.2	.2												62	62	86	74			
/ [illegible]	.[illegible]	1.3	.2	.7	1.[illegible]	.2												[illegible]3	[illegible]3	[illegible]5	73			
/ [illegible]	.1	.5	.4	.5	.7													18	18	41	51			
/ [illegible]	.[illegible]		.[illegible]	.1	.1													[illegible]	[illegible]	[illegible]4	35			
/ 25			.[illegible]															1	1	23	25			
/ 2[illegible]																				14	7			
[illegible] / [illegible]																				[illegible]	15			
/ [illegible]																					13			
/ [illegible]																					13			
/ [illegible]																					14			
/ 13																					13			
1 / 11																					9			
/																					4			
/ [illegible]																					11			
/ [illegible]																					5			
/ [illegible]																					2			
/																					4			
/ -																					3			
- / -[illegible]																					5			
- / -5																					5			
- / -[illegible]																					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) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | JAN MONTH

PAGE [illegible] | 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				
T [illegible]	.441	.232	.214	.4	6.9	1.5	.4											822			822

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.	474812	6[illegible]346	74.0	17.246	822							
Dry Bulb	145[illegible]566	34162	41.6	6.126	822		6.4					93
Wet Bulb	1245100	31516	38.3	6.691	822		18.2					93
Dew Point	998961	27259	33.2	10.757	822	1.5	35.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]RAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.4	.5															7	[illegible]		
[illegible]	.2	.7	1.2	.2			.4											23	23	6	3
[illegible]	.4	1.[illegible]	.6	.1														23	23	14	9
[illegible]/47	.5	3.5	1.6															46	46	35	18
[illegible]	.2	5.5	1.8															62	62	43	25
47/[illegible]	.5	6.6	2.4	.1														79	79	60	42
[illegible]/41	.7	6.[illegible]	1.0	.4														66	66	77	68
[illegible]/[illegible]	1.[illegible]	6.[illegible]	3.2	.1														87	87	73	71
[illegible]/[illegible]	1.1	8.9	1.6	.2														97	97	81	76
[illegible]/[illegible]	.[illegible]	6.9	1.2	1.6	.1													87	87	106	69
[illegible]/73	.9	6.7	1.0	.2	.4	.2												77	77	82	62
[illegible]/[illegible]	.2	5.5	1.0	.7	.6													66	66	6[illegible]	[illegible]4
[illegible]/[illegible]	.[illegible]	.2	1.6	.2	.5													42	42	57	49
[illegible]/[illegible]	.2	.7	.9	.4	.6													23	23	26	48
[illegible]/25		.[illegible]	1.[illegible]	1.[illegible]	.1													24	24	[illegible]C	35
[illegible]/2[illegible]		.4	.6	.1														7	7	24	8
[illegible]/[illegible]		.5	.2															5	5	[illegible]1	14
[illegible]/1[illegible]																				13	16
[illegible]/[illegible]																				1	7
[illegible]/1[illegible]																					25
[illegible]/[illegible]																					13
1/[illegible]																					2
[illegible]/[illegible]																					3
[illegible]/[illegible]																					6
[illegible]/[illegible]																					4
[illegible]/[illegible]																					6
[illegible]/[illegible]																					9
[illegible]/-1																					5
-[illegible]/-5																					5
-[illegible]/-7																					1
TOTAL	.7	62.5	21.4	5.5	2.3	.2	.4											822		822	822

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.	5507365	66113	80.4	15.210	822							
Dry Bulb	1242239	31481	38.3	6.738	822		19.5					93
Wet Bulb	1116[illegible]09	29719	36.2	7.113	822		26.5					93
Dew Point	946357	26573	32.3	8.313	822	1.2	40.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74 [illegible] | CRAY AAF/FT LEWIS WA | 73-91 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2700
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							
5 / 55			.2															2	2		
-/ 53		.7	.5															10	10		
/ 51	.2	.6	.9				.1											15	15	11	2
/ 49	.4	1.0	.7		.1													18	18	12	12
/ 47	.1	1.9	1.5															29	29	22	7
/ 45	.6	3.4	.9															40	40	[illegible]	29
47/ 43	.1	5.8	2.3															63	63	46	25
/ 41	1.0	7.2	1.1	.2	.1													79	79	56	49
/ 39	1.7	4.9	2.6	.1	.2													78	78	62	58
/ 37	1.	6.7	1.6	.2	.1													91	91	67	59
/ 35	1.2	8.8	.4	.2														97	97	85	65
3 / 33	1.3	7.9	1.3	.1														88	88	107	63
/ 31	1.9	5.4	.9	.1	.5													73	73	76	13
/ 29	1.	2.7	1.1	.4	.1													43	43	63	61
/ 27	1.6	1.5	.6	.4	.1													34	34	75	[illegible]
/ 25	.1	2.3	.9	.2														29	29	39	31
/ 23	.2	.5	.2	.6														13	13	24	21
2/ 21	.1	1.1	.1	.2														12	13	19	17
/ 19		1.2	.9															15	15	11	16
/ 17		.5	.2															6	6	16	15
/ 15		.1																1	1	8	18
/ 13																				7	13
1 / 11																					5
/ 9																					3
/ 7																					4
/ 5																					10
/ 3																					4
/ 1																					5
/ -1																					4
- / -3																					5
-/ -5																					2
-/ -7																					2
TOTAL	13.7	63.9	19.0	2.9	1.5		.1												822		822
																		822		822	

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.	5744758	67765	82.4	13.895	822							
Dry Bulb	1157935	30143	36.7	7.445	822		25.7					93
Wet Bulb	1045262	28859	34.9	7.542	822		32.1					93
Dew Point	897731	25861	31.5	10.122	822	1.5	47.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible]70 | GRAY AAF/FT LEWIS WA | 73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59					•													1	1		
/ 57		• 1	•	•	•													6	6		
5 / 55		• 3	•	• 2	•													35	35	[illegible]	
6 / 53	• 3	• 4	• 5	• 1	• 1													83	83	6	3
/ 51	• 3	• 8	1 • 3	• 1			• 1											171	171	91	29
5 / 49	• 3	1 • 7	1 •	• 2	• 1													213	213	146	90
/ 47	• 1	2 • 7	1 • 4	• 5	•	•	•											313	313	238	184
/ 45	• 3	4 • 0	1 • 9	• 3														426	426	302	257
4 / 43	• 2	5 • 2	2 • 5	• 5	•	•	•											559	559	413	250
2 / 41	• 3	6 • 1	2 • 7	• 5	• 1	• 1												675	675	601	396
/ 39	1 • 3	5 • 0	2 • 4	• 2	• 2	• 1												599	599	644	581
/ 37	• 3	6 • 9	1 • 8	• 5	• 3	• 1												677	677	677	516
/ 35	1 • 1	6 • 2	1 • 1	• 6	• 4	•												620	629	696	636
3 / 33	1 • 1	5 • 8	1 • 1	• 5	• 5	• 1												582	582	693	600
/ 31	1 • 2	5 • 6	•	• 4	• 6	• 1												579	579	520	780
/ 29	1 • 2	1 • 8	1 • 0	• 3	• 4													303	303	498	516
/ 27	• 8	1 •	• 5	• 2	• 2													173	173	258	370
/ 25	• 4	1 • 2	• 6	• 3	• 1													166	166	222	229
/ 23	• 4	• 6	• 2	• 1														95	95	195	131
2 / 21	• 3	• 7	• 1	• 1														82	82	146	148
/ 19	• 1	• 9	• 2															78	78	78	160
/ 17		• 6	• 1															47	47	61	111
/ 15		• 5	• 1															34	35	48	128
/ 13		• 5	•															35	35	37	101
1 / 11	• 1	• 2																18	18	38	63
/ 9		• 1																9	9	16	50
/ 7		• 1																7	7	10	55
/ 5																				3	53
/ 3																					57
/ 1																					46
/ -1																					34
/ -3																					33
/ -5																					14
/ -7																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible]7C | SPAY AAF/FT LEWIS WA | 73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] | 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
- / -9																				2
- / -1[illegible]																				1
-1 / -1[illegible]																				1
TOTAL	1[illegible]6	5[illegible]6	21.8	5.6	2.[illegible]	.4	.1												6577	6576
																		6576	6576	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	44126[illegible]52	5[illegible]9834	8[illegible].6	14.787	6[illegible]76							
Dry Bulb	[illegible]698725	246[illegible]15	37.5	8.[illegible]77	6577		182.9					744
Wet Bulb	96743[illegible]	232943	35.4	[illegible].[illegible]18	6576		239.9					744
Dew Point	7321829	278189	31.7	1[illegible].543	6576	1[illegible].6	350.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] | [illegible]RAY AAF/FT LE[illegible]IS [illegible]A | 73-81 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0600-1200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 57		.3																	2	2		
5 / 55		.3		.3															4	4	2	1
[illegible] / 53		.3	.7	.4	.1														11	11	2	1
[illegible] / 51		.3	.3	.1															5	5	4	3
[illegible] / 4[illegible]		2.2	1.0	.3	.4	.1													31	31	12	6
[illegible] / 47		4.1	1.[illegible]	.1	.3														42	42	[illegible]	12
[illegible] / 49	.1	4.1	1.2	.3															43	43	41	24
4 / 43	.4	7.0	2.2																73	73	56	42
[illegible] / 41	1.2	6.8	2.[illegible]																81	81	79	58
[illegible] / [illegible]	2.[illegible]	[illegible].4	2.4	.5	.3														[illegible]	[illegible]	[illegible]	65
[illegible] / 37	2.4	8.9	1.3	.4	.1														100	100	[illegible]	[illegible]
[illegible] / 35	1.2	6.7	1.3	.7															75	75	68	92
3 / 33	.[illegible]	7.5	.9																63	63	98	56
[illegible] / 31	1.6	6.[illegible]	.5	.1	.3														65	65	[illegible]	1.1
[illegible] / 2[illegible]	2.9	3.1	.5		.1														51	51	[illegible]	79
[illegible] / 27	.4	1.4																	14	14	[illegible]	[illegible]
[illegible] / 25	.7	.7																	[illegible]	[illegible]	[illegible]	29
[illegible] / 23		.4																	[illegible]	3	[illegible]	[illegible]
2 / 21		.1																	1	1	1	[illegible]
[illegible] / [illegible]		.4																	3	3	4	[illegible]
[illegible] / 17																						[illegible]
[illegible] / 15																						[illegible]
[illegible] / 13																						[illegible]
[illegible] / 1[illegible]																						[illegible]
[illegible] / -1																						[illegible]
TOTAL	13.[illegible]	65.9	16.[illegible]	3.[illegible]	1.6	.1													[illegible]	[illegible]		[illegible]
																			762		762	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5549589	64519	84.7	[illegible].675	762							
Dry Bulb	1166579	29397	38.6	6.533	762		16.2					84
Wet Bulb	1063838	28074	36.9	6.228	762		21.7					84
Dew Point	929107	26035	34.2	7.212	762	.7	35.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible]7C STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | 0300-1500 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
5 / 59			.7															2	2		
4 / 53		1.3	.1	.1														1[illegible]	1[illegible]	1	
/ 51		.1	.4		.4													7	7	1	3
/ 49		2.3	1.1	.4	.1													29	29	3	7
1 / 47	.1	3.8	1.2	.5	.1													44	44	8	13
/ 45	.1	4.1	.9	.1														41	41	11	21
4/ 43		5.8	1.4															55	55	21	33
2/ 41	.3	6.3	2.9	.1														77	77	7	52
1 / 39	2.3	8.7	3.2															120	120	21	69
1 / 37	2.8	6.8	.9	.4	.1													84	84	114	71
/ 35	2.	6.4	.7	.3	.3													73	73	46	94
3 / 33	.9	6.	1.6	.1														68	68	78	67
/ 31	1.4	7.3			.1													66	66	46	91
1 / 29	1.1	4.1	.7															47	47	84	76
/ 27	1.3	.1		.1														37	37	96	68
/ 25	.2	.4																5	5	17	4
/ 23	.4	.1	.1															5	5	7	13
2/ 21		.5																4	4	1	2
/ 19	.2																	2	2	5	1
/ 17		.3																1	1	1	
1 / 15																				2	7
/ 13																					4
1 / 11																					1
/ 9																					1
/ 7																					1
/ -1																					1
TOTAL	15.2	66.1	14.7	2.2	1.2														762		762
																		762		762	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Ref. Num.	5012435	64959	85.2	9.915	762							
Dry Bulb	11347[illegible]3	28963	38.1	6.677	762		19.1					84
Wet Bulb	10358[illegible]3	27731	36.4	6.345	762		24.8					84
Dew Point	9[illegible]0750	25768	33.8	7.196	762	.1	35.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74 77 — STATION
[illegible]AY AAF/FT LEWIS WA — STATION NAME
73-81 — YEARS
FEB — MONTH

PAGE 1 — HOURS (L. S. T.) 0300-0800

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
/ 59				.1														1	1		
5 / 55			.1															1	1	1	
/ 53	.1	.7	.1															7	7	1	1
/ 51		.1	.4															4	4	3	1
/ 49		.1	1.2	.1			.1											27	27	3	6
/ 47		3.9	1.7															43	43	26	4
/ 45	.1	4.2	1.6															45	45	41	23
47 43	.4	4.9	1.2		.1													50	50	53	36
/ 41	1.2	7.1	2.4															91	91	87	53
/ 7	1.3	7.7	2.5															92	92	78	57
/ 37	1.1	7.0	1.4	.4														81	81	99	86
/ 35	3.	5.	.8	.3	.4													72	72	92	76
7 / 33	1.2	8.4	1.2	.1														83	83	71	77
/ 31	2.1	8.0																77	77	79	99
/ 29	2.0	2.9																45	45	86	66
/ 27	1.7	1.8	.3															26	26	71	56
/ 25		1.7	.1															9	9	21	41
/ 23	.2	.3																4	4	12	26
21	.7	.1	.1															4	4	3	14
/ 19	.3	.7																9	9	5	7
/ 17		.1																1	1	7	7
/ 15																					7
/ 13																					4
1 / 11																					4
/ 9																					1
/ 7																					1
TOTAL	16.1	66.1	15.1	1.7	.9		.3											762		762	762

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	565c495	65283	85.7	9.277	762							
Dry Bulb	1117697	28733	37.7	6.729	762		19.3					84
Wet Bulb	1027035	27551	36.2	6.372	762		25.6					84
Dew Point	901837	25657	33.7	7.062	762		37.5					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

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. Dry Bulb	TOTAL Wet Bulb	Dew Point
/ [illegible]				.2	.1															
/ 57		.1			.1															
5 / [illegible]		.2	.4		.1															
/ 53		.4	.2	.4	.2															
/ 51		.2	1.6	.7	.1	.1														
/ 49		2.4	3.4	.2		.1	.3													
/ 47		5.2	2.2	.8																
/ 45		4.2	4.7	1.6	.2															
47 43	.3	5.6	3.8	.2	.1	.3														
/ 41	.3	7.6	4.1	.2	.1															
/ [illegible]	.2	4.7	3.5	.2	.2															
/ 37	.5	6.7	1.7	.4		.3														
/ 35	1.4	5.5	.2	.3		.1														
3 / 33	1.3	5.1	.7	.1	.1															
/ 31	.2	3.4	.5	.1																
/ [illegible]	.2	.7	.2	.1																
/ [illegible]		.4																		
/ 25		.2																		
/ 23		.2																		
/ 21		.1																		
/ [illegible]																				
/ [illegible]																				
/ [illegible]																				
/ [illegible]																				
/ [illegible]																				
/ [illegible]																				
TOTAL	.35	3.32	9.4	8.1	1.2	.9	.2										762	762	762	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible] 6511[illegible]	5144[illegible]	8[illegible].6	12.[illegible]28	[illegible]62							
Dry Bulb	134[illegible]346	31664	41.6	6.235	762		6.[illegible]					54
Wet Bulb	118941[illegible]	29737	39.1	5.796	762		17.1					54
Dew Point	1010[illegible]5	27241	35.7	6.940	762		24.7					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]AY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 12 [illegible]-14 [illegible] 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	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥/ [illegible]					.1												[illegible]	[illegible]		
/ [illegible]						.1											1	1		
/ 79				.1		.1	.1	.1									4	4		
/ 77			.4	.5	.4	.5	.4										17	17		
5 / 75		.3	.7	[illegible]	1.1	.4	.1										36	36		
/ 73		.4	[illegible]	1.8	[illegible]												47	47	[illegible]	[illegible]
/ 71		1.0	3.3	2.9	.5												59	59	17	5
[illegible] / 69		[illegible]	2.5	2.9	.4	.3	.2										72	72	55	13
/ 67		3.[illegible]	3.3	5.8	1.4	.[illegible]	.1										113	113	[illegible]	[illegible]
/ 65		[illegible].4	5.6	[illegible].1	1.2	.5											106	106	79	[illegible]
4/ 63	.1	3.[illegible]	[illegible].2	[illegible].9	.[illegible]	.[illegible]											[illegible]	[illegible]	[illegible]	[illegible]
/ 61	.1	2.1	5.4	1.7	.4	.1											75	75	114	[illegible]
/ [illegible]	.1	3.[illegible]	2.4	.9	.[illegible]	.1	.4										[illegible]	[illegible]	1[illegible]	[illegible]
/ 57	[illegible]	2.4	.[illegible]	.4	.1	.1											27	37	[illegible]	[illegible]
/ 55	.[illegible]	1.[illegible]	.1	.3													19	19	46	[illegible]
[illegible] / [illegible]	.1	.[illegible]		.1													[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		.[illegible]	.[illegible]	.1													[illegible]	[illegible]	8	[illegible]
/ [illegible]		.1	.1														[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]																			[illegible]	19
/ 25																			1	[illegible]
/ 23																				1
2/ 21																				[illegible]
/ 19																				[illegible]
/ [illegible]																				[illegible]
/ [illegible]																				3
/ [illegible]																				1
/ [illegible]																				2
/ [illegible]																				3
TOTAL	[illegible].[illegible]	.133	.125.6	[illegible].6	3.3	1.4	.1											[illegible]2		762
																	762		762	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible] 13433	[illegible]4725	71.2	14.259	762							
Dry Bulb	1636938	35 48	46.[illegible]	5.722	762		.[illegible]					[illegible]4
Wet Bulb	1356274	31024	41.[illegible]	5.239	762		2.6					84
Dew Point	1.61[illegible]7[illegible]	27914	36.6	7.196	762		18.6					84

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

[illegible] GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	GRAY AAF/FT LEWIS WA	7[illegible]-81	[illegible]

PAGE [illegible] 1[illegible]-17
HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]									.[illegible]									[illegible]	[illegible]		
[illegible]						.[illegible]	.3	.4	.1									[illegible]	[illegible]		
[illegible]			.1	.1		.4	.7											[illegible]	[illegible]		
[illegible]			.[illegible]	.4	.[illegible]	.1	.1											[illegible]	[illegible]		
[illegible]		.7	.5	1.4	1.7	.4												[illegible]	[illegible]	[illegible]	
[illegible]		.7	1.4	2.6	1.4	.5												[illegible]	[illegible]	[illegible]	
[illegible]		1.2	[illegible]	5.2	1.7	.7	.7											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		3.9	3.1	2.2	1.[illegible]	.3	.[illegible]											[illegible]	[illegible]	4	
47	.7	1.6	2.6	5.[illegible]	.[illegible]	1.[illegible]												[illegible]	[illegible]	[illegible]	[illegible]
4[illegible]		3.4	4.1	3.5	1.7	.5												58	[illegible]	[illegible]	[illegible]
[illegible]	.1	7.8	5.[illegible]	5.5	.1	.7	.1											1[illegible]	1[illegible]	[illegible]	[illegible]
[illegible]	.1	3.7	[illegible]	2.[illegible]	.7	.3	.7											59	59	1[illegible]	72
[illegible]	.4	2.2	2.4	1.4	.1	.3	.7											54	54	1[illegible]	7[illegible]
[illegible]	.4	3.[illegible]	[illegible]	.1	.1	.1												34	34	[illegible]	[illegible]
[illegible]		.[illegible]	.[illegible]	.[illegible]														11	11	[illegible]4	[illegible]
[illegible]		.[illegible]	.[illegible]	.1														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		.[illegible]	.1															[illegible]	[illegible]	[illegible]	71
[illegible]			.1															[illegible]	[illegible]	11	[illegible]
[illegible]																				[illegible]	[illegible]
25																					[illegible]
2[illegible]																					[illegible]
[illegible]																					
[illegible]																					1[illegible]
[illegible]																					[illegible]
[illegible]																					[illegible]
1[illegible]																					[illegible]
11																					[illegible]
[illegible]																					[illegible]
[illegible]																					3
TOTAL	1.7[illegible]	[illegible].3	31.5	24.4	[illegible].7	[illegible].[illegible]	1.[illegible]	.4	.3										76[illegible]		762
																		762		74[illegible]	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
						Mean No. of Hours with Temperature						
Rel. Hum.	[illegible] 15126	53[illegible]	7[illegible].[illegible]	1[illegible].5[illegible]	75[illegible]							
Dry Bulb	16611[illegible]5	[illegible]	46.3	5.7[illegible]	76[illegible]		.[illegible]					[illegible]
Wet Bulb	1[illegible]42[illegible]	31[illegible]98	4[illegible].[illegible]	[illegible].195	75[illegible]		[illegible].[illegible]					64
Dew Point	1[illegible]231	27742	36.4	7.537	752		19.3					64

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

...AL CLIMATOLOGY BRANCH
...TIC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION ... STATION NAME ... YEARS ... MONTH

... HOURS ... 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
/ 57				.1														1	1		
/ 57			.1															1	1		
/ 55		.1	.1			.8	.1											2	6		
/ 53		.5	.4	1.2	.7	.4												23	27	4	
/ 51		.3	1.7	.3	.5	.1												2	3	4	
/ 49		.3	2.1	.4	.3													11	11	11	6
/ 47	.5	2.1	2.4	.8	.1													27	27	4	2
/ 45	.7	3.5	5.1	.9	.1	.1												27	27	4	2
47 / 43		5.6	4.2	1.2	.2	.1												27	27	21	4
/ 41	.4	6.9	4.9	1.2	.2													104	104	12	6
/ 39	.2	4.4	3.3	.5	.2	.1												11	11	11	7
/ 37	.5	7.7	2.2	.8		.2												26	26	104	7
/ 35	1.2	5.4	2.1	.3	.2	.1												11	11	8	5
37 / 33	.4	1.8	.8	.2	.2	.1												11	11	27	14
/ 31	.4	1.6	.4	.3	.1													11	11	8	4
/ 29		.5	.2															2	6	12	2
/ 27			.1															1	1	11	2
/ 25		.1																1	1	8	1
/ 23																					
/ 21																					1
/ 19																					
/ 17																					
/ 15																					
17 / 13																					1
/ 11																					2
/ 9																					2
/ 7																					2
TOTAL	.9	31.9	28.7	7.4	1.8	.1												762	762	762	762

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	48 7448	[illegible]	7[illegible]	13.405	76[illegible]							
Dry Bulb	1[illegible]4142	[illegible]2138	42.[illegible]	5.671	762		2.2					54
Wet Bulb	1213044	[illegible]137	39.9	5.448	762		7.1					54
Dew Point	1[illegible]8367	[illegible]7301	35.9	7.243	762		21.9					54

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] [illegible] AAF/FT LEWIS WA [illegible] YEARS [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
/ [illegible]			.1																			1	1		
/ [illegible]			.1																			1	1		
/ [illegible]			.4	.1																		4	4	1	
/ [illegible]		.1	.1	.5	.1	.4																11	11	2	
/ [illegible]		.1	.5	.4	.5																	15	15	7	4
/ [illegible]		.6	.5	.3	.1																	4	4	[illegible]	[illegible]
/ 47	.1	4.7	1.5	.1	.1																	47	47	27	16
/ 46		6.2	2.2	.5	.1																	69	69	[illegible]	33
/ 43		6.[illegible]	2.[illegible]																			76	76	49	43
/ 41	.1	6.2	2.2	.3	.1																	76	76	64	53
/ [illegible]	.1	7.[illegible]	2.2	.5	.4																	97	97	76	56
/ [illegible]	.0	6.7	1.3	.6																		89	89	71	67
/ [illegible]	.1	8.1	.6	.0																		97	97	83	66
/ [illegible]	.0	5.7	.4	.3																		80	80	101	57
/ [illegible]	.2	4.5		.1	.1																	54	54	59	49
/ [illegible]	.0	1.3	1.4		.1																	29	29	45	67
/ [illegible]	.1	.4																				5	5	17	34
/ 25		.1	.4																			4	4	13	24
/ [illegible]																								[illegible]	[illegible]
/ [illegible]		.1																				2	2	2	[illegible]
/ [illegible]																									1
/ [illegible]																									11
/ [illegible]																									[illegible]
/ 13																									1
/ [illegible]																									[illegible]
/ -																									1
[illegible]	[illegible]	.9	.2	.1	.0	.1	.4															[illegible]			762
																						762		762	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]365 46	[illegible]33.4	83.1	11.706	762							
Dry Bulb	1245 76	[illegible]442	4[illegible]	6.27[illegible]	762		10.7					64
Wet Bulb	1122[illegible]4	[illegible]8896	37.9	5.958	762		15.3					64
Dew Point	971[illegible]1	28657	35.1	7.109	762	.1	29.5					64

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

...L BAL CLIMATOLOGY BRANCH
...FETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...AY AAF/FT LENIS AA — STATION NAME — 77-31 — YEARS — FEB — MONTH

PAGE 1 — ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 53					.1				.0									3	3		
/ 51				.1	.1	.0	.1	.0	.0									11	11		
/ 49			.0	.1		.1	.0	.0										14	14		
/ 47		.0	.2	.2	.1	.1	.1											40	40		
5 / 45		.0	.4	.5	.3	.1	.1											95	95	14	1
/ 43	.	.5	.7	.9	.6	.2												174	174	73	9
/ 41		.6	1.4	.8	.4	.1	.1											199	199	72	35
/ 39		2.5	2.2	.9	.4	.1	.1											404	404	177	62
/ 37	.1	4.0	2.1	1.7	.4	.2	.0											521	521	309	144
/ 35	.1	4.1	3.2	1.3	.4	.1												560	560	436	237
4 / 33	.2	5.5	3.4	.9	.1	.2	.1											624	624	551	378
3 / 31	.6	5.8	3.8	.8	.2	.0	.0											691	691	694	477
/ 29	1.3	5.7	2.6	.7	.2	.1	.1											648	648	743	555
/ 27	1.3	6.4	1.3	.5	.1	.1												586	586	782	664
/ 25	1.2	5.0	.9	.4	.1	.0												464	464	589	755
2 / 23	.7	4.6	.8	.1	.1	.0												377	377	564	667
/ 21	1.1	3.0	.2	.1	.1													326	326	360	596
/ 19	1.3	1.6	.4	.1	.1													206	206	359	45
/ 17	.5	.9	.0	.0														79	79	130	309
/ 15	.2	.3	.1															31	31	77	168
/ 13	.1	.1	.0															14	14	36	87
1 / 11	.0	.1	.0															12	12	11	9
/ 9	.1	.2																14	14	14	54
/ 7		.1																2	2	8	43
/ 5																				1	36
/ 3																					21
1 / 1																					9
/ -1																					5
/ -3																					5
/ -5																					6
/ -7																					6
/ -9																					6
/ -11																					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) 84 — 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] GRAY AAF/FT LEWIS WA 73-81 FEB
STATION STATION NAME YEARS MONTH

PAGE [illegible] ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	2.3	23.7	[illegible]	7.6	1.5	.5	.1	.0									6796	[illegible]		6796
																		6796		6796	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	4076691	49735	79.9	13.569	6796		75.5					672
Dry Bulb	1692757	251745	41.5	6.975	6796		109.8					672
Wet Bulb	937932	236 84	38.7	6.227	6796	.4	223.4					672
Dew Point	7856497	214315	35.2	7.267	6796							672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 [redacted]-[redacted] 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
[redacted] / 57			.1															1	1		
[redacted] / 55			.2															2	2		
[redacted] / 52		.4		.4	.4													9	9	[redacted]	[redacted]
[redacted] / 51	.2		.2															4	4	6	5
[redacted] / 4	.1	2.3	.2	.1														23	27	4	4
[redacted] / 47	.1	4.1	2.5	1.2														66	66	76	11
[redacted] / 45	.2	5.1	3.2	.6	.1													78	78	92	27
[redacted] / 40		5.1	4.7	.7														68	68	64	36
[redacted] / 41	.6	7.1	9.2	.5	.1													146	146	93	41
[redacted] / 36	.7	6.7	5.9															111	111	139	79
[redacted] / 33		8.4	2.7	.4														96	96	17[redacted]	99
[redacted] / 35	.5	9.6	.8	.1														84	84	114	116
[redacted] / 33	.5	5.1	1.[redacted]	.1														95	95	177	121
[redacted] / 32	.6	3.1	.4															33	33	4[redacted]	147
[redacted] / [redacted]	.4	1.8	.6	.2														25	25	39	76
[redacted] / 27	.1	1.1																10	10	21	21
[redacted] / 25		.7																5	6	15	22
[redacted] / 22																				[redacted]	23
21 / 21																					5
[redacted] / [redacted]																					7
[redacted] / 17																					2
[redacted] / 15																					8
[redacted] / 13																					1
TOTAL	4.1	59.3	31.8	4.3	.6													837		837	
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	[redacted]543345	67729	8 .9	8.667	837							
Dry Bulb	137.168	33[redacted]54	4[redacted].1	5.473	837		8.2					93
Wet Bulb	1219991	31649	37.8	5.279	837		12.2					93
Dew Point	1032341	28[redacted]59	34.6	6.[redacted]33	837		34.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	GRAY AAF/FT LEWIS WA	73-81	MAR

PAGE 1 — HOURS (L. S. T.) 0300-0500

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
5 / [illegible]			.2															2	2		
[illegible] / 53		.2																2	2	1	
[illegible] / 51		.5	.4		.2													9	9	4	1
[illegible] / 49	.2	1.2	.5	.2														19	19	6	3
[illegible] / 47		3.5	1.3	.6														45	45	17	4
[illegible] / 45	.1	5.7	3.2		.2													78	78	[illegible]	24
47 / 43		4.8	5.[illegible]	.4														85	85	[illegible]	39
[illegible] / 41		7.[illegible]	5.9	.7														114	114	67	39
[illegible] / [illegible]	.5	6.5	5.[illegible]															130	130	172	58
[illegible] / 37	.6	8.5	3.3	.1														105	105	113	87
[illegible] / 35	.4	8.6	1.4	.1														88	88	112	116
3 / 33	.5	7.4	.1	.4														70	70	127	91
[illegible] / 31	1.1	6.3																52	52	73	150
[illegible] / 29	.4	2.7	.1															27	27	43	134
[illegible] / 27	.1	.8	.4															11	11	74	39
[illegible] / 25	.4	1.6	.1															17	17	12	26
[illegible] / 23		.4	.1															4	4	14	18
[illegible] / 21																				4	9
[illegible] / 19																					7
[illegible] / 17																					7
1 / 15																					3
[illegible] / 13																					6
TOTAL	4.2	65.7	27.1	3.5	.5														837		837
																		837		837	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5685.62	68626	82.1	8.357	837							
Dry Bulb	12098.6	32524	38.9	5.879	837		13.4					93
Wet Bulb	11563.7	30898	36.9	5.546	837		18.9					93
Dew Point	9913.7	28331	33.8	6.221	837		45.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] GRAY AAF/FT LEWIS WA — 73-81 — MAR
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — [illegible]-08 [illegible]
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
5 / 55			.2															2	2		
[illegible] / 53		.1	.4		.1													5	5		
/ 51	.1	.2	.2															5	[illegible]	4	1
[illegible] / 49	.4	.8	.6			.1												16	16	[illegible]	[illegible]
/ 47		3.5	1.2	.4	.2													44	44	16	6
[illegible] / 45	.1	5.4	3.1	.6														77	77	53	47
4/ 43		5.3	4.3	.2														92	87	45	42
2/ 41		7.5	5.6	.1														111	111	74	76
/ 39	.5	8.2	5.3															117	117	1[illegible]	63
/ 37	.7	9.1	2.4	.1														1[illegible]	1[illegible]	1[illegible]	96
/ 35	.4	8.4	1.6	.1														87	87	112	111
3 / 33	.1	6.5	.7	.1														62	62	94	1[illegible]6
/ 31	1.1	5.[illegible]	.4															54	54	5[illegible]	1[illegible]7
/ 29	.7	3.5	.4															38	38	[illegible]	67
/ 27	.1	1.3	.2															14	14	71	47
/ 25	.1	1.1																1[illegible]	1[illegible]	11	35
/ 23	.1	.7																7	7	14	23
2/ 21		.4																2	3	[illegible]	[illegible]6
/ [illegible]																				3	16
/ 17																					4
[illegible] / [illegible]																					3
/ 13																					4
TOTAL	4.4	66.9	26.5	1.7	.4	.1												837	[illegible]37	6[illegible]	837

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.	5718271	68855	82.3	8.036	837							
Dry Bulb	1295454	32506	38.9	5.874	837		14.[illegible]					93
Wet Bulb	1164853	30875	36.9	5.571	837		19.[illegible]					93
Dew Point	991357	28345	33.9	6.134	837		38.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME [illegible] YEARS MAR MONTH

PAGE [illegible] 0900-11 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
/ 87				.1	.1		.4											F	6		
5 / 85			.2	.3	.8	.4	.2	.2										22	23	1	1
/ 83	.1	.2	.4	1.4	.2	.4	.2											29	29	2	1
/ 81	.1	.2	1.8	2.2	1.1	.4												43	43	10	6
/ 79		1.4	3.2	3.5	1.9	.2												56	56	15	6
/ 77		3.6	5.7	4.8	1.1													122	122	52	16
/ 75	.1	3.5	7.6	3.1	.7	.1												177	177	98	23
4 / 73		3.8	5.9	4.2	.4	.2												101	101	143	43
2 / 71	.2	3.1	4.4	1.7	.2													114	114	146	97
/ 69	.2	3.5	3.9	.4	.2													68	59	176	114
/ 67	.2	2.9	1.7	.5	.1													45	45	115	122
/ 65	.6	1.2	.6	.5														24	24	62	124
3 / 63	.1	.6	.6	.2														13	13	71	126
/ 61	.1	.1		.1														3	3	10	131
/ 59		.1	.1	.2														4	4	5	35
/ 57																				3	24
/ 55																				4	7
/ 53																					4
3 / 51																					0
/ 49																					1
/ 47																					1
/ 45																					1
/ 43																					0
TOTAL	.1	25.2	40.6	23.7	6.5	1.6	.3											877			937
																		877		937	

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.	4041676	6 708	73.4	12.469	937							
Dry Bulb	1733394	37521	44.8	5.271	937		.9					93
Wet Bulb	1427774	34348	41.1	4.585	937		3.1					93
Dew Point	1125527	30291	36.2	5.929	937		23.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

71 [illegible] 70 — STATION
[illegible]RAY AAF/FT LE[illegible]IS [illegible]8 — STATION NAME
73-81 — YEARS
MAR — MONTH
PAST [illegible] 1[illegible]0-1[illegible]0 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67										.1								1	1		
6/ 65								.1	.1									2	2		
4/ 63				.1				.1	.4									5	5		
/ 61		.1			.1	.5	.4	.5	.1									14	14		
/ 59				.2	.4	1.7	.6	.4										27	27	1	
/ 57		.1	.6	.6	2.2	.7	1.1	.4										47	47	2	
5 / 55		.6	.6	1.3	2.1	1.3	.9	.1										57	57	4	1
4/ 53			.4	2.4	2.3	1.7	.4											50	50	16	2
/ 51		.4	1.7	3.2	4.4	2.2	.2											101	101	28	8
5 / 49		1.1	3.1	5.7	4.7	1.1	.1											130	130	66	8
4 / 47		2.1	3.5	5.5	3.6	.7	.4											121	121	87	18
4 / 45		2.2	3.9	4.4	1.8	.1	.1											105	105	115	31
4/ 43	.1	1.3	3.2	3.1	.6	.1	.1											72	72	141	56
/ 41	.1	2.1	1.9	.8	.6													46	46	144	52
5 / 39		.8	1.6	.2	.5													27	27	112	63
4 / 37		.7	.1	.1	.1													9	9	65	99
[illegible] / 35				.1	.2													3	3	23	[illegible]6
3 / 33				.1														1	1	9	93
[illegible] / 31																				5	14
[illegible] / 29																				1	67
[illegible] / 27																				5	28
[illegible] / 25																					5
[illegible] / 23																					7
2/ 21																					11
[illegible] / 19																					7
[illegible] / 17																					6
[illegible] / 15																					-
[illegible] / 13																					4
TAL	.1	11.2	22.[illegible]	52.0	23.5	9.0	4.2	1.6	.6	.1									837		837
																		837		837	

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.	337651[illegible]	51691	61.8	14.844	837							
Dry Bulb	2.5[illegible]257	41249	49.3	5.515	837			.1				93
Wet Bulb	15889.3	36273	43.3	4.479	837		1.0					93
Dew Point	1117356	30594	36.[illegible]	6.474	837		27.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] 7[illegible] | GRAY AAF/FT LEWIS WA | 73-81 | MAR
STATION | STATION NAME | YEARS | MONTH

 15 3-17 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								
/ 67								.1										1	1		
/ 63								.1	1.1									[illegible]	1[illegible]		
4/ 62					.1		.7	.4	.1	.2								[illegible]3	1[illegible]		
/ 61			.1	.1	.1	.1	.8	.5	.2									17	17		
/ 59			.1	.1	.5	1.0	.7	.5										26	26		
/ 57			.3	.4	2.6	1.2	2.[illegible]	.2										56	56	[illegible]	
5 / 55		.4	.6	1.6	1.[illegible]	2.5	1.2	.8	.1									71	71	[illegible]	
/ 53		.2	1.1	1.7	.7	3.3	.1	.5										64	64	[illegible]	4
/ 51		.5	1.6	2.7	3.9	3.[illegible]	.2	.1										101	101	[illegible]7	4
/ 49		1.8	3.[illegible]	2.7	[illegible]	1.6	.[illegible]											109	109	[illegible]7	13
/ 47		2.[illegible]	2.7	5.3	3.2	.6	.7	.1										127	127	89	21
/ 45		2.[illegible]	3.6	3.3	2.3	.6	.2											101	101	119	[illegible]0
4/ 43		2.[illegible]	2.4	[illegible].3	.[illegible]	.6												66	66	1[illegible]6	37
/ 41		.[illegible]	[illegible].[illegible]	1.[illegible]	.4	.1												36	36	1[illegible]1	64
[illegible] / [illegible]		1.[illegible]	1.2	.4	.[illegible]													[illegible]9	[illegible]9	1[illegible]2	[illegible]5
[illegible] / [illegible]		.4			.1													4	4	67	[illegible]
[illegible] / [illegible]		.1	.1	.2	.1													5	5	[illegible]3	1[illegible]1
3 / [illegible]3		.1																1	1	[illegible]	112
/ 31																				7	84
/ [illegible]																				3	[illegible]3
[illegible] / [illegible]7																					36
/ 25																					27
[illegible] / [illegible]3																					6
2/ 21																					[illegible]
/ 1																					12
/ 17																					7
[illegible] / [illegible]5																					[illegible]
1 / 11																					[illegible]
TOTAL	1[illegible].2	19.2	21.7	19.7	14.5	7.3	3.[illegible]	1.6	.2										[illegible]37		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	31[illegible]6579	49[illegible]71	59.5	16.[illegible]38	83[illegible]							
Dry Bulb	[illegible]123153	41867	50.[illegible]	5.[illegible]85	837			.1				9[illegible]
Wet Bulb	1[illegible]2732	[illegible]6422	43.5	4.566	837		1.1					9[illegible]
Dew Point	1.89[illegible]80	[illegible]9632	35.4	7.101	837		29.3					93

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

USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | MAR MONTH

PAGE 1 | [illegible] 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
/ 61						.1	.1	.1	.1									4	4		
/ 59					.1	.4	.2											6	6		
/ 57			.4	.2	.2	.4	.2	.1										13	13		
5 / 55		.4	.4	.5	.7	.5	.5											24	24		
4 / 53		.2	.7	.8	1.6	.6	.2	.2										37	37	5	7
/ 51		.5	3.3	2.8	1.2	.7	.1	.1										73	73	14	5
3 / 49		2.9	4.2	1.6	3.	.1	.1											99	99	26	6
/ 47	.2	2.2	3.9	3.5	2.4	.7												108	108	55	16
2 / 45	.1	3.2	4.3	3.7	1.2	.5	.1											127	127	89	30
4 / 43		3.9	6.1	4.1	.9	.4												128	128	101	55
2 / 41	.1	2.9	4.9	2.9	.5	.4												96	96	102	79
1 / 39		2.5	3.6	.7	.4													61	61	132	77
1 / 37		1.6	2.4		.3													32	32	119	94
1 / 35	.2	.7	.4	.1														14	14	62	117
3 / 33		.7	.1	.4														13	13	39	107
1 / 31			.1	.2														3	3	14	94
1 / 29			.4															7	7	4	50
1 / 27																				7	22
1 / 25																				2	16
2 / 23																					8
2 / 21																					5
1 / 19																					3
1 / 17																					14
1 / 15																					3
TOTAL	.5	21.8	36.7	21.4	12.3	4.7	1.7	.6	.1									436			836
																		836		876	

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.	4132275	575[illegible]1	6[illegible].3	14.45[illegible]	836							
Dry Bulb	17[illegible]3674	38362	4[illegible].9	5.287	936		.7					93
Wet Bulb	1453935	34642	41.4	4.720	836		2.6					93
Dew Point	1.97475	29779	35.6	6.632	836		27.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] DAY AAF/FT LE[illegible]TS [illegible]A — STATION / STATION NAME
[illegible]3-81 — YEARS
MAR — MONTH
PAGE [illegible] 21 0-2[illegible] — HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / [illegible]			.1															1	1		
[illegible] / [illegible]		.6			.1													6	6	1	1
[illegible] / [illegible]		.7	.6	.6	.4	.1												[illegible]	[illegible]	5	6
[illegible] / 46		7.1	2.7	1.6	.1													[illegible]3	[illegible]	6	3
[illegible] / 47	.1	4.2	3.5	1.1	.2													77	77	79	17
[illegible] / 48	.1	5.1	5.7	1.[illegible]	.2	.1												103	103	76	[illegible]
47 / 49	.1	4.1	6.9	1.9	.4													114	114	98	[illegible]
[illegible] / 41	.1	6.2	9.7	1.[illegible]														146	146	1[illegible]0	[illegible]
[illegible] / [illegible]	.1	5.6	7.[illegible]	.5	.1													127	127	146	[illegible]
[illegible] / 37	.1	5.6	3.2	.6	.1													[illegible]1	[illegible]1	14[illegible]	[illegible]
[illegible] / [illegible]	.9	3.3	1.4															47	47	1[illegible]7	132
[illegible] / 33	.1	1.9	1.1	.2														28	28	95	117
[illegible] / [illegible]1		1.[illegible]	.6															16	15	[illegible]2	113
[illegible] / [illegible]		.2	.7															8	[illegible]	13	[illegible]4
[illegible] / 27		.4	.2															[illegible]	[illegible]	7	[illegible]
[illegible] / [illegible]5																				[illegible]	11
[illegible] / [illegible]3																				1	9
[illegible] / [illegible]1																					6
[illegible] / [illegible]																					[illegible]
[illegible] / 17																					[illegible]
[illegible] / [illegible]5																					7
TOTAL	[illegible].2	43.[illegible]43.6	8.2	1.[illegible]	.2														[illegible]37		[illegible]37
																		837		837	

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.	[illegible]137452	65 21	77.7	[illegible].175	837							
Dry Bulb	15 1[illegible]-4	[illegible]52[illegible]5	47.1	4.946	837		3.2					93
Wet Bulb	131.53[illegible]	32[illegible]69	39.3	4.563	837		7.[illegible]					9[illegible]
Dew Point	1[illegible]0835	29649	35.4	6.[illegible]48	[illegible]37		28.1					93

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

...L CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

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

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
/ 5								•		•											
5 / 6								•	•1									1	1		
6 / 7				•		•	•1	•1	•1	•1											
/ 8		•	•	•	•1	•1	•2	•1	•1												
/ 9			•	•	•1	•4	•2	•1													
/ 10			•2	•2	•4	•7	•5	•1										1	1		
10 / 11			•3	•4	•5	•6	•7	•1	•1												
/ 12		•	•7	•4	•9	•7	•1	•1										211	211	43	•1
/ 13		•1	•4	1.2	1.4	1.4	•8	•1	•												
/ 14		•1	1.8	2.3	1.9	1.6	•4	•2										544	544	218	•7
/ 15		•1	3.2	3.7	2.8	1.7	•7	•1	•												
/ 16		•1	4.4	4.6	2.1	•6	•2	•1										756	756	411	•1
16 / 17		•	3.9	4.9	2.1	•6	•2	•													
/ 18		•2	4.6	5.2	1.1	•2	•1											956	956	718	•7
/ 19		•3	4.5	4.2	•3	•2															
/ 20		•2	4.6	1.2	•2	•1												1076	1076	956	1.4
/ 21		•4	3.9	•8	•2	•															
/ 22		•2	2.9	•4	•2													475	475	377	•4
22 / 23		•2	2.2	•4	•2													352	352	615	•8
/ 24		•4	2.2	•2	•1													263	263	435	•5
/ 25		•2	1.4	•3	•1													171	171	241	•4
/ 26		•	•	•														175	175	191	•5
/ 27		•	•4	•1																	
/ 28		•1	•4	•														73	73	54	•1
/ 29		•1	•1	•														11	11	24	•2
/ 30			•															3	3	5	•0
/ 31																				3	•0
/ 32																					
/ 33																					
/ 34																					
/ 35																					
1 / 36																					
TAL	•23	•23	•8	14.1	9.2	3.2	1.7	•7	•3	•1								6695	6695	6695	6695

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.	[illegible]	489961	73.214	[illegible]26	6695							
Dry Bulb	1[illegible]	2[illegible]941	43.9	6.886	6695		[illegible]	[illegible]				[illegible]44
Wet Bulb	[illegible]	267978	[illegible]	[illegible]	6695		64.9					744
Dew Point	852478	275[illegible]51	35.1	6.364	6695		[illegible]48.[illegible]					744

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

[illegible] CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]AY AAF/FT LEWIS W[illegible]	[illegible]	[illegible]

HOURS (L.S.T.) [illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]								.[illegible]										1			
/ [illegible]						.1		.[illegible]													
/ [illegible]				.[illegible]	.[illegible]	.1												1	11		
/ [illegible]	.[illegible]	.[illegible]	1.1	.[illegible]	.[illegible]													[illegible]	[illegible]		
/ [illegible]		.4	1.[illegible]	.7	.[illegible]													[illegible]	[illegible]	[illegible]	
/ [illegible]		.1	2.[illegible]	1.7	.1													[illegible]		[illegible]	
/ [illegible]		7.7	4.6	1.2														[illegible]	[illegible]	[illegible]	
/ 4		[illegible].[illegible]	[illegible].9	.6														[illegible]	[illegible]		
/ [illegible]	.1	5.3	[illegible].3	.5														[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	.5	7.7	5.9	.5														[illegible]	[illegible]	[illegible]	
/ [illegible]	.[illegible]	9.1	5.2															[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	.[illegible]	6.[illegible]	[illegible].7															[illegible]	79	[illegible]	[illegible]
/ [illegible]	.5	5.2	.7															[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]3		.7																[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]	.4	.9																[illegible]	[illegible]	[illegible]	[illegible]
/	.[illegible]	.1																[illegible]	[illegible]		[illegible]
/																					[illegible]
/ [illegible]																					[illegible]
TOTAL	.1	2.6	3[illegible].[illegible]	6.7	1.[illegible]	.2		.4										[illegible]	[illegible]	[illegible]	[illegible]

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]3427	[illegible]	8[illegible].[illegible]	[illegible].256	[illegible]							
Dry Bulb	15[illegible]7[illegible]	34[illegible]32	4[illegible].[illegible]	5.[illegible]14	[illegible]1		[illegible].[illegible]					[illegible]
Wet Bulb	1[illegible]31[illegible]2[illegible]	[illegible]	4[illegible].[illegible]	4.[illegible]17	[illegible]		[illegible].[illegible]					[illegible]
Dew Point	112[illegible]757	[illegible]9932	37.[illegible]	5.[illegible]2[illegible]	8[illegible]		1[illegible].1					[illegible]

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

USAFETAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS ... S. T.

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

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	55 2704	6692	82.6	8.143	81							
Dry Bulb	178,257	3347	41.1	5.516	81		5.6					9
Wet Bulb	124,526	2923	36.0	5.763	81		9.9					9
Dew Point	107,624	2926	36.1	5.354	81		24.7					95

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

...L CLIMATOLOGY BRANCH
...LTEC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION ... STATION NAME ... YEARS ... MONTH

PAGE ... HOURS ... 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														
... / ...				•	•			•											4	4		
... / ...		•	•	•	•	•																									
... / ...		•	•	•																											
... / ...	•	•	1.2	•	•																										
... / ...		•	•	1.6	•																										
... / ...		•	•	•																											
... / ...		•	5.8	•															101	1											
... / ...		7.7	8.4	•																											
... / ...	•	•	7.7	•															142	142											
... / ...	•	7.4	3.2																												
... / ...	•	4.6	1.7																56	56											
... / ...	•	4.1	1.1																44	44											
... / ...	•	3.8																	33	33											
... / ...	•	1.4																	14	14											
... / ...	•	•																	8	8											
... / ...	•																		7	7											
... / ...																															
TOTAL	•	1.0	3.9	•	•	1.1	•	•	•																						

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	...	...4891	8	6.166	81...							
Dry Bulb	...	34835	42.6 F	5.345	81...		...					
Wet Bulb	...2922	...94	4...	4.765	81...		5.4					
Dew Point	...2491	29971	3...	5....	81...		16.1					

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

...L CLIMATOLOGY BRANCH
...ETAC
...PATH SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION | ...AY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | AP MONTH

PART ... 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
/ 71									.1									1	1		
/ 67				.1				.4	.1	.1								6	6		
6/ 65				.1			.2	.2										7	7		
4/ 63			.1			.6	.4	.2	.1									12	12		
/ 61			.2		.1	.2	.1	.1	.1									17	17	1	
/ 59		.1	.1	.1	.2	.7	.4	.1										19	19	4	
7/ 57		.1	.1	1.1	1.1	1.2	.4											36	36	1	
5/ 55		.2	.5	1.7	2.1	1.1	.2											62	62	9	4
/ 53		.2	1.1	3.7	2.6	1.7												72	72	26	7
/ 51		.1	1.5	4.3	2.1	.6												81	81	29	2
/ 49		.2	4.4	2.7	2.6													126	126	2	3
/ 47		1.5	4.8	2.2	1.5													123	123	5	.1
/ 45		3.5	7.5	4.1	.5													135	135	135	48
4/ 43		2.4	5.7	1.2														77	77	154	57
/ 41	.1	1.4	2.2	.1														81	81	172	112
/ 39		.2	.5															13	13	82	115
/ 37		.1	.1															2	2	24	104
2/ 35	.1	.1																2	2	4	1
2/ 33																				1	
/ 31																					41
/ 29																					61
/ 27																					3
7 TAL	.1	.2	.5	.2	.3	.3	.6	.1	.2	.1								812	812	611	812

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.	36 5745	53739	66.3	12.70	81							
Dry Bulb	3 32357	4 7721	4 .8	5.583	81			.9				9
Wet Bulb	161683	36 56	44.5	4.145	81							9
Dew Point	121948	31187	38.5	4.8 9	81		.4					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]AY AAF/FT LEWIS WA STATION NAME | [illegible]2-91 YEARS | AP[illegible] MONTH

PAGE [illegible] | 12[illegible]-14[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ 7												•						1	1		
7 / 77											•1							1	1		
[illegible]/ 75											•1							1	1		
[illegible]/ 73								•1		•2	•2							5	5		
[illegible]/ 71							•1	•4	•1	•4	•2							9	9		
[illegible]/ 69						•1	•4	•1	•4									9	9		
[illegible]/ 67					•6	•1	•6	•7	•6									25	25		
[illegible]/ 65					•1	1•1	1•0	•6	•6									23	23		
[illegible]/ 63				•1		•4	1•2	1•3	1•1	•1								33	33		
[illegible]/ 61					•1	1•4	1•2	1•3	1•1	•2								49	49		
[illegible]/ 59		•1	•2		•3	2•7	1•1	•7	•2									40	40	7	
[illegible]/ 57		•4	•4	•6	1•8	2•2	1•6	•1										76	76	11	6
5 / 55			•4	1•9	3•7	2•5	•7											74	74	15	5
[illegible]/ 53		•4	1•4	2•1	3•4	2•8	•2											96	96	40	7
[illegible]/ 51			1•8	4•4	4•5	2•1	•1											135	135	50	[illegible]
[illegible]/ 49		•5	2•[illegible]	[illegible]•2	[illegible]•1	•6												125	125	121	1[illegible]
[illegible]/ 47	1•4	[illegible]•[illegible]	[illegible]•2	•9														96	96	111	2[illegible]
[illegible]/ 45	[illegible]•[illegible]	3•[illegible]	•7	•2														94	94	142	5[illegible]
47 43	1•2	1•[illegible]	•2															[illegible]	56	149	8[illegible]
2/ 41	•1	•9	•1															3	3	2[illegible]	1 5
[illegible]/ [illegible]	•[illegible]																	[illegible]	[illegible]	[illegible]	1[illegible]
[illegible]/ [illegible]	•1																	1	1	[illegible]	11[illegible]
[illegible]/ [illegible]	•1																	1	1		11[illegible]
[illegible]/ 73																				[illegible]	[illegible]
[illegible]/ 71																					6[illegible]
[illegible]/ [illegible]																					[illegible]
[illegible]/ [illegible]																					[illegible]
[illegible]/ 65																					1
[illegible]/ 63																					1
[illegible]/ [illegible]																					1
T [illegible]	•1	•4	14•9	20•4	24•[illegible]	16•[illegible]	9•4	4•7	2•2	•5	•5	•1							[illegible]		[illegible]
																		91	[illegible]	[illegible]	

Element (X)	Σ_R'	Σ_R	$\bar{R}$	σ_R	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]	46601	57.51	14.465	81[illegible]							
Dry Bulb	241254	43914	54.2	6.895	811			4.9	.0			5
Wet Bulb	173267	[illegible]7[illegible]	46.4	4.645	81[illegible]							[illegible]
Dew Point	12346[illegible]	[illegible]121[illegible]	35.[illegible]	5.492	81[illegible]		11.[illegible]					[illegible]

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

...L CLIMATOLOGY BRANCH
...FLYING
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 — STATION
...AY AAF/ET ...ENTO ...A — STATION NAME
...-51 — YEARS
AP... — MONTH
...AGE 1 — HOURS ... 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. Dry Bulb	TOTAL Wet Bulb Dew Point
/ 7...												.1						.	.
7 / 77												.5						4	4
/ 7...									.3			.2						4	4
/ 77								.2	.4	.1	.6	.1						1...	1...
/ 7...						.1	.2	.7		.1								11	11
/ ...						.1		.6		.2	.1							2	2
/ 67						.1		.2	1.6	.6	.1							2...	2...
/ 65							.1	1.1	1.1	2.1	.1							37	37
/ 6...						.1	1.2	1.1	1.4	.6	.5							4...	4...
/ ...				.1	1.1	1.9	.3	1.9	.6									51	51
/ 59		.1	.6	.2	.5	2.2	1.1	1.2	.1									52	52
/ 57				.3	2.6	3.2	2.6	.6										2...	2...
/ 55			.4	1.1	3.1	2.1	2.6											25	25
/ 5...		.5	.6	2.8	2.1	3.1	1.1											1...	1...
/ 51		.4	1.5	1.3	3.7	2.1												13	13
/ ...		.9	2.1	4.1	4.3	1.2												12...	12...
/ 47	1.5	4.3	2.8	.6	.2													7...	7...
/ 45	1.5	3.1	1.1															4...	4...
/ 4...	.5	.2	.2															1...	1...
/ 4...	.4	.1																4	4
/ ...	.1 .5	.2																9	9
7 / 7...	.2																	2	2
/ 75																		1	1...
7 / 73																			6...
/ 71																			5...
/ ...																			5...
/ 25																			11
/ 27																			9
2 / 21																			5
TOTAL	.1 5.7	14.7	15.1	18.7	16.9	11.4	9.4	4.7	1.2	.7	1.7							81...	81...

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.	2 5,711	44289	54.7	16.901	81...							
Dry Bulb	3523.56	44604	55.3	7.515	81...			7.4	2.3			9...
Wet Bulb	181,873	38115	47.1	4.631	81...							9...
Dew Point	1192794	30714	37.9	5.930	81...		17.9					9...

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

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
-/--											.1							1		1		
--/--									.1	.2	.1							4		4		
-/--						.1		.4		.2								7		7		
--/--							.2			.1								3		3		
-/65					.1		.4	.2	.2									9		9		
--/66						.1	.4	.1	.1	.1								9		9		
6/--					.1	.2	.4	.3	1.2	.4								22		22		
-/--					.1	1.0	.7	.4	.6	.4								26		26		
-/68		.2	.1	.2	1.0	1.2	1.6	.6	.1									43		43		
-/67		.4	.6	.7	1.4	2.2	1.6	.6										69		69		
6/68		.1	.5	1.5	1.6	2.3	1.4											67		67	16	
-/--		.2	1.4	2.3	2.1	2.2	.5											71		71	72	
-/--		.6	1.3	2.5	2.6	1.4												91		91	73	
-/--		.7	3.6	3.1	3.2	.9												94		94	75	17
-/67		.8	3.8	4.1	.1	.4												136		136	155	28
-/--		3.1	5.2	3.3	.4													128		128	172	43
6/--	.1	2.8	3.5	1.2														62		62	178	73
-/--	.1	1.9	1.2	.6														31		31	144	67
-/--	.1	.4	.1															5		5	78	11
-/--	.2	.6	.1															9		9	22	11
-/--	.1	.2																3		3	7	9
-/--																					1	3
-/--																						7
-/--																						4
-/--																						2
-/--																						9
-/--																						1
TOTAL	.1	14.1	23.3	19.9	16.2	12.6	7.4	3.5	1.4	.7	.2							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.	37462	5548	63.4	16.5	81							
Dry Bulb	21388	4159	51.4	6.8	81			2.4	.5			9
Wet Bulb	16615	3546	45.2	8.6	81							9
Dew Point	11014	3716	37.9	5.7	81		16.4					9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME RAY AAF/FT LEE,TX #1 YEARS 73-81 MONTH APR

PAGE 1 HOURS 21 & 27 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										•1								1	1		
/ 65									•1									1	1		
64/ 66									•1									1	1		
64/ 63						•1												1	1		
/ 61						•1		•1										2	2		
/ 59			•1	•1	•1	•2	•1	•2										12	12		
/ 57		•1		•5	1•4	•2	•1											19	19	1	
56/ 55	•1	•2	•5	1•4	1•0	•5	•1											31	31	3	4
54/ 53	•2	•4	1•5	1•6	1•3	•6	•1											44	44	6	6
/ 51		1•2	2•6	1•5	1•1	•4												55	55	14	1
50/ 49		1•1	4•3	2•7	1•4	•4												83	83	52	9
/ 47		2•8	5•2	3•1	•6													95	95	61	22
/ 45		4•7	7•2	3•8	•5													123	123	89	34
44/ 43	•4	4•9	8•4	1•1														120	120	134	6
/ 41	•1	5•8	5•1	•7														95	95	141	31
/ 39		4•3	4•7															72	72	125	112
38/ 37		2•7	1•2															32	32	96	123
/ 35	•5	1•7	•4															71	71	58	112
34/ 33	•3	•2																4	4	45	113
/ 31	•1																	1	1	2	78
/ 29																					31
/ 27																					8
/ 25																					1
TOTAL	1•13	•24	1•11	8•6	7•5	2•6	•9	•4	•2	•1								817		817	817

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.	4574856	[illegible]	74.1	12•3[illegible]	817							
Dry Bulb	1743749	[illegible]1	46.1	5•671	817		•1	•2				9[illegible]
Wet Bulb	1465[illegible]9	343[illegible]1	42.[illegible]	4•539	817		•2					9[illegible]
Dew Point	11833[illegible]7	3[illegible]691	37.9	5•[illegible]24	817		12•8					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	GRAY AAF/FT LEWIS WA	73-81	APR

PAGE [illegible] — HOURS (L.S.T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]												[illegible]						[illegible]	[illegible]		
/ 77											[illegible]	.1						6	6		
/ 75									[illegible]		[illegible]	[illegible]						[illegible]	[illegible]		
/ [illegible]								[illegible]	.1	.1	.1	[illegible]						[illegible]1	[illegible]		
/ 7[illegible]					[illegible]	[illegible]	.1	.2	.1	.1								26	[illegible]6		
/ [illegible]					[illegible]	[illegible]	.1	.1	[illegible]	.1	[illegible]							[illegible]	[illegible]		
/ 6[illegible]				.1	[illegible]	[illegible]	.2	.4	[illegible]	[illegible]								63	[illegible]		
/ [illegible]				[illegible]		[illegible]	.4	[illegible]	.4	[illegible]								[illegible]3	[illegible]		
/ 6[illegible]			[illegible]	[illegible]	.1	.4	.4	.4	[illegible]	.1								1[illegible]	[illegible]	[illegible]	
/ [illegible]			[illegible]	[illegible]	.4	.6	.4	[illegible]	.2									14[illegible]	[illegible]	[illegible]1	
/ [illegible]9		[illegible]	.2	.1	[illegible]	[illegible]	[illegible]	.4	[illegible]									175	[illegible]	[illegible]	
/ [illegible]		[illegible]	.1	.5	1.[illegible]	1.2	.3	.2										271	[illegible]71	[illegible]	[illegible]
/ [illegible]	[illegible]	.2	[illegible]	1.1	1.[illegible]	1.1	.5	[illegible]										316	316	[illegible]1	[illegible]
/ [illegible]	.1	[illegible]	1.[illegible]	1.8	1.[illegible]	1.[illegible]	.2											4[illegible]2	4[illegible]	172	[illegible]
/ [illegible]	.1	.7	1.8	[illegible]	[illegible]	.9	[illegible]											4[illegible]2	[illegible]	271	44
/ 4[illegible]	[illegible]	1.[illegible]	3.1	3.7	[illegible].3	.4												653	653	475	[illegible]
/ 47		2.5	[illegible]	3.[illegible]	.7	.1												656	656	594	146
/ 4[illegible]		3.9	5.4	1.7	[illegible]													733	733	81[illegible]	294
47/ 4[illegible]	[illegible]	4.5	5.1	[illegible]														676	676	1[illegible]47	499
/ 41	.2	4.6	[illegible].4	.3														551	[illegible]51	1[illegible]28	7[illegible]4
/ [illegible]	.1	4.1	2.1															412	412	744	[illegible]
/ [illegible]	[illegible]	2.8	1.[illegible]															[illegible]	[illegible]	547	1[illegible]17
/ 35	[illegible]	[illegible].3	.4															[illegible]	[illegible]	[illegible]	96[illegible]
/ [illegible]3	.1	1.5																[illegible]	[illegible]	[illegible]	718
/ [illegible]1	.2	[illegible]																59	[illegible]	1[illegible]3	[illegible]
/ [illegible]	[illegible]	.1																[illegible]2	22	55	[illegible]
/ [illegible]	[illegible]																	11	11	[illegible]3	1[illegible]9
/ 25																					4[illegible]
/ 2[illegible]																					[illegible]
/ 21																					3
TOTAL	1.[illegible]	29.8	27.[illegible]	14.8	1[illegible]	7.0	3.8	2.5	1.1	.3	.2	.1							648[illegible]		648[illegible]
																		648[illegible]		648[illegible]	

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.	[illegible]3297350	452128	69.8	16.442	648[illegible]							
Dry Bulb	152[illegible]8643	310[illegible]49	47.9	8.011	648[illegible]		10.2	15.9	3.9			72[illegible]
Wet Bulb	122656[illegible]8	27[illegible]662	4[illegible].2	5.502	648[illegible]		1[illegible]					72[illegible]
Dew Point	[illegible]355611	243757	37.6	5.362	648[illegible]		124.4					72[illegible]

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

L AL CLIMATOLOGY BRANCH
AFGWC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS G.M.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
/					.5	.2												6	6		
/ 59				.5	.1													5	5		
/		.6	.2	.5	.2		.2											15	15		
/ 55	.2	.5	.8	1.2	.2													26	28	[illegible]	[illegible]
/ 52		1.1	3.2	.6														41	41	17	9
/		2.4	1.8	1.8														120	120	33	14
/		3.6	8.8	1.9														170	170	[illegible]	[illegible]
/ 47		7.9	8.1	2.5														156	156	111	57
/ 45		7.8	8.5	.1														120	127	142	75
44		6.1	5.3															95	95	155	116
/ 41	.1	5.1	4.2	.1														79	79	170	147
/		4.7	1.8															64	64	87	170
/	.1	1.2	.5															19	19	7	1
/ 35		.5																4	4	15	51
/ 33																				1	4
/																					16
/																					[illegible]
TOTAL	.1	41.6	47.7	9.5	.2		.2											877	[illegible]	877	693

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.	[illegible]340626	66568	79.5	7.914	837							
Dry Bulb	1875556	39424	47.1	4.723	837							93
Wet Bulb	1653427	37[illegible]27	44.2	4.297	837							93
Dew Point	1426127	[illegible]4327	41.7	4.677	837		1.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAF TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

PAGE 1

HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/				.1														1	1		
/			.5	.5														3	3	1	1
/			.2	.4	.6	.1	.2											13	13	5	2
/			1.1	1.2	.4													24	24	14	4
/			2.5	2.9	1.0	.2												55	55	37	9
/			5.1	4.3	.8													91	91	63	18
/			12.6	8.6	1.7													174	174	96	41
/			13.6	4.4														195	195	154	67
/			7.4	5.7														135	135	134	83
/		.1	7.3	4.5														128	128	128	112
/		.1	9.2	1.4														73	73	122	142
/			5.5															46	46	82	115
/		.1	1.6	.6														22	22	43	77
/			.4															7	7	7	8
/																					34
/																					6
/																					1
TOTAL		.4	5.3	4.1	4.5	.4	.2											1177	1177	1177	817

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.	56.5321	6877	82.2	7.297	837							
Dry Bulb	1778171	37435	44.7	4.75	837							93
Wet Bulb	1554323	35933	42.9	4.46	837		.4					37
Dew Point	1369611	33611	40.2	4.88	837		4.7					93

USAFETAC FORM AM 64 0-26-5 (01, A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...ETAC
...SCOTT AFB, ILL/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67						.1															
/ 66						.1															
/ 65																					
/ 64				.1	.2																
/ 63			.1	.2	.1													1	1		
/ 62			.1	.2	.4													2	2		
/ 61			.1	1.2	.4													4	4	2	
/ 60		1.1	2.4	2.3	.2													7	7	2	1
/ 59		2.6	.7	3.5	.2													10	12	2	
/ 58		.1	1.2	4.5	.1													17	17	6	
/ 57		6.1	9.1	2.2														17	17	15	
/ 56		.6	.1	.3														4	4	8	1
/ 55		4.1	3.5	.4														7	7	11	1
/ 54		.2	.2															4	4	17	2
/ 53	.1	1.2	.4															15	15	12	4
/ 52		.1	.2															3	3	6	3
/ 51		.1																1	1	1	1
/ 50																					2
/ 49																					
/ 48																					
[illegible]	.1	2.1	4.7	6.4	2.1	.2															2
																		127		127	

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	[illegible]	64[illegible]	77.4	8.261	827							
Dry Bulb	[illegible]	[illegible]	45.[illegible]	4.531	827			.1				93
Wet Bulb	1[illegible]531	[illegible]	45.4	4.56	827							93
Dew Point	1[illegible]2314	[illegible]	41.8	4.498	837		.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH MAY

PAGE 1 HOURS (L.S.T.) 0300-1100

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
/ 75									.1									1	1		
7 / 77									.1									1	1		
/ 79								.1	.2									3	3		
/ 77						.1	.2	.1										5	4		
/ 75						.4	.2	.1										7	7		
/ 69						.1	1.2		.1									13	13		
/ 67					.1	.9	.6	.1										14	14		
/ 65				.1	.2	1.2	.4	.1	.1									16	16		
/ 63				.4	.2	1.4	.5	.1										27	27		
/ 61			.2	.2	.7	1.3	1.7	.5	.2									36	36	1	
/ 59			.3	.4	.9	3.2	1.4	.4										54	54	14	
/ 57			.5	.5	3.6	4.2	1.7	.1										81	81	38	
5 / 55		.1	1.3	5.3	5.	.8	.1											114	114	77	4
/ 53		.4	4.1	6.9	5.7	.8												128	128	98	22
/ 51		.3	5.6	8.4	2.5	.2												148	148	134	68
/ 49		1.	4.4	4.2	1.													88	88	151	111
/ 47		1.	2.3	1.8														47	47	167	131
/ 45		.8	1.6	.1														21	21	154	136
47 / 43			.3															3	3	72	105
/ 41																				27	126
/ 39																					145
7 / 37																					79
/ 35																					46
7 / 33																					17
/ 31																					5
TOTAL		.1	31.5	32.3	24.1	10.2	4.3	1.3	.7										837		837
																		837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	35[illegible]5.6	[illegible]	84.[illegible]	11.542	837							
Dry Bulb	8551.48	46[illegible]54	55.[illegible]	5.636	837			4.8	1.[illegible]			53
Wet Bulb	[illegible]1121	4[illegible]19	48.9	4.191	837							53
Dew Point	1547.29	[illegible]5773	42.[illegible]	4.756	837		.7					53

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	MAY

HOURS: 1[illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]											.1										
[illegible]								.1													
[illegible]									.4	.1	.1	.1									
[illegible]										.4	.1										
[illegible]									.[illegible]	.6											
[illegible]						.1		.[illegible]	.5	.4								1[illegible]	14		
[illegible]							.[illegible]	.[illegible]	.5	.2	.2							[illegible]	17		
[illegible]						.1	.[illegible]	.[illegible]	.5	.2								17	17		
[illegible]					.[illegible]	.2	.5	1.1	.5	.1								[illegible]	[illegible]		
/ 67					.1	.[illegible]	1.6	.[illegible]	.1	.2								[illegible]	[illegible]		
[illegible]				.[illegible]	.2	1.6	[illegible]	1.[illegible]	.4									4[illegible]	4[illegible]		
[illegible]			.[illegible]	.2	.[illegible]	[illegible]	1.6	.[illegible]	.1									[illegible]	[illegible]		
[illegible]		.1	.[illegible]	1.[illegible]	[illegible]	3.6	1.[illegible]	.2										[illegible]	79		
[illegible]		.[illegible]	.2	.5	[illegible]	3.[illegible]	.2											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]			.5	[illegible]	.4	3.5	.3											1[illegible]	1[illegible]	7[illegible]	[illegible]
[illegible]		.[illegible]	1.[illegible]	3.3	5.[illegible]	3.[illegible]	.1											11[illegible]	11[illegible]	[illegible]	
[illegible]		.[illegible]	.3	4.3	[illegible]	1.[illegible]	.1											1[illegible]	[illegible]	1[illegible]1	[illegible]
[illegible]		.1	[illegible]	[illegible]	1.3	.2												[illegible]3	[illegible]	11[illegible]	[illegible]
[illegible]		.[illegible]	.[illegible]	1.4	.2													4[illegible]	4[illegible]	1[illegible]	44
/ 47		.[illegible]	1.9	.5														[illegible]	[illegible]	1[illegible]7	77
/ 4[illegible]		.[illegible]	.4															[illegible]	[illegible]	[illegible]	[illegible]
/ 4[illegible]		.[illegible]	.1															[illegible]	[illegible]	[illegible]	1[illegible]
/ 4[illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	1[illegible]2
[illegible]																				[illegible]	1[illegible]4
[illegible]																					[illegible]
[illegible]																					[illegible]1
[illegible]																					[illegible]
[illegible]																					
[illegible]																					[illegible]
TOTAL		[illegible].7	14.7	16.4	22.[illegible]	[illegible].9	11.1	5.4	3.5	[illegible].3	.6	.1						877	[illegible]	877	877

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]47778	[illegible]7444	56.7	13.769	877							
Dry Bulb	2[illegible]44675	49[illegible]75	59.9	[illegible].239	877			1[illegible].[illegible]	5.4	1.[illegible]		[illegible]
Wet Bulb	[illegible]167[illegible]	42414	5[illegible].7	4.616	877			.1				[illegible]
Dew Point	1545959	[illegible]5723	4[illegible].[illegible]	[illegible].[illegible]	877		1.[illegible]					93

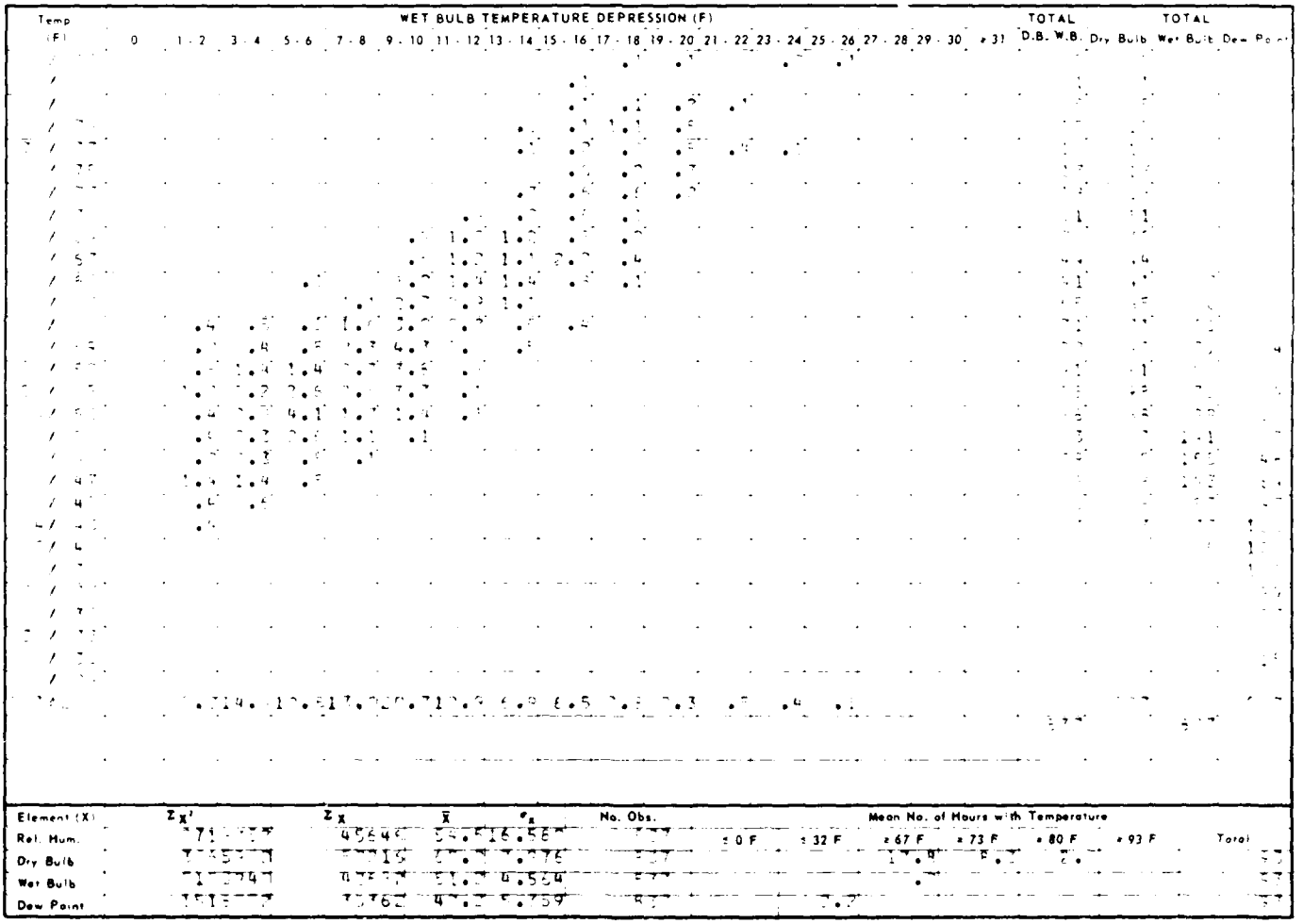
(Mean No. of Hours with Temperature: ≤ 0 F through Total)

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS



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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE [illegible]

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	MAY

HOURS (L.S.T.) [illegible]

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

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]36	6[illegible]	16.13[illegible]	[illegible]							
Dry Bulb	[illegible]13311	[illegible]76	5[illegible].5	7.17[illegible]	[illegible]			[illegible]	[illegible]	.7		[illegible]
Wet Bulb	[illegible]	[illegible]	4[illegible]	4.4[illegible]	[illegible]			.1				[illegible]
Dew Point	[illegible]	[illegible]	4[illegible].1	5.27[illegible]	[illegible]		2.7					[illegible]

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

L... CAL CLIMATOLOGY BRANCH
...SAFETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... AAF/FT LE... ...A ...--- ...AY
STATION STATION NAME YEARS MONTH

...-... 21 (...-...)
HOURS ... S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 7...							•											1	1		
/ 6...							•	•													
/ 6...							•	•													
/ 6...						•	•	•													
/ 5...						•	•	•										1	1		
/ 5...				•		•	•														
/ 5...		•	•	•	•	1.1	•														
/ 5...		•	•	1.1	1.1	•															
5 / 5...	•	1.4	1.1	2.1	2.1	•															
/ 5...		1.1	4.1	4.5	1.1	•															
/ 5...		•	3.1	4.4	1.1																
/ 4...		3.1	5.2	3.1	•																
/ 4...		5.1	5.1	2.1	•																
/ 4...		3.3	3.3	•																	
4 / 4...		1.1	3.2	•																	
/ 4...	•	2.1	3.2	•																	
/ 3...		•	•																		
/ 3...		•																			
/ 3...																					
2 / 3...																					
/ 2...																					
/ 2...																					
/ 1...																					
...	•	12.1	27.8	27.8	11.4	3.1	1.2	•										877	877		80

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.	4 54378	2 898	7...5	11.31	437							
Dry Bulb	16 335	4236	5...5	5.1...	837			•				9
Wet Bulb	1 183 7	33851	45.9	4.23	837							93
Dew Point	14 3765	35 72	41.9	4.727	837		1.3					93

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

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF/FT [illegible]	[illegible]	MAY

HOURS (L.S.T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]										.[illegible]	.[illegible]		.	.				6	6		
[illegible]								.[illegible]	.[illegible]	.[illegible]			.[illegible]					4	4		
[illegible]									.1	.[illegible]	.[illegible]	.[illegible]						11	11		
[illegible]								.[illegible]	.[illegible]	.2	.1							[illegible]	[illegible]		
[illegible]/77								.[illegible]	.2	.2	.1	.1	.[illegible]					[illegible]	[illegible]		
[illegible]						.[illegible]		.1	.2	.1	.1							[illegible]	[illegible]		
[illegible]						.[illegible]	.[illegible]	.2	.2	.1	.1							4[illegible]	47		
[illegible]						.1	.2	.2	.3	.[illegible]	.[illegible]							[illegible]4	[illegible]4		
[illegible]					.[illegible]	.1	.4	.4	.2	.[illegible]								[illegible]	[illegible]	.	
[illegible]/67					.[illegible]	.3	.5	.4	.7	.1								117	117	.	
[illegible]				.[illegible]	.1	.5	.[illegible]	.4	.2	.[illegible]								14[illegible]	14[illegible]	[illegible]	
[illegible]			.[illegible]	.1	.4	1.2	.2	.[illegible]	.[illegible]									[illegible]	[illegible]	[illegible]	
[illegible]		.1	.2	.[illegible]	1.[illegible]	1.7	.[illegible]	.1	.1									[illegible]3	[illegible]	[illegible]6	
[illegible]		.[illegible]	.[illegible]	.4	1.4	[illegible].6	.[illegible]	.1										3[illegible]9	[illegible]3[illegible]	1[illegible]	1
[illegible]		.5	.[illegible]	1.4	[illegible].2	1.5	.4											4[illegible]2	4[illegible]	1[illegible]	1[illegible]
[illegible]	.	1.[illegible]	1.[illegible]	[illegible].5	2.6	1.2	.											6[illegible]5	[illegible]5	2[illegible]	[illegible]1
[illegible]		1.	[illegible]	[illegible]	[illegible].1	.6	.											6[illegible]1	[illegible]1	4[illegible]7	1[illegible]
[illegible]		1.4	5.3	3.7	1.1	.1												772	772	[illegible]	[illegible]
[illegible]		[illegible].5	5.7	[illegible].7	.4													7[illegible]	[illegible]	6[illegible]	[illegible]
[illegible]/47		4.4	5.	1.7	.[illegible]													745	745	11[illegible]6	47[illegible]
[illegible]/45		7.[illegible]	3.2	.3														4[illegible]	4[illegible]8	1145	775
[illegible]/43		2.7	[illegible].3	.1														3[illegible]1	741	6[illegible]	[illegible]
[illegible]/41	.	2.2	1.6	.[illegible]														[illegible]3	[illegible]3	4[illegible]	[illegible]
[illegible]	.	1.[illegible]	.[illegible]															1[illegible]4	[illegible]4	[illegible]8	1[illegible]
[illegible]/37	.	1.[illegible]	.1															[illegible]1	[illegible]	174	[illegible]8
[illegible]/35	.	.[illegible]	.1															[illegible]	[illegible]	72	543
[illegible]/33		.[illegible]																3	[illegible]	[illegible]4	766
[illegible]/31																				[illegible]	112
[illegible]																					[illegible]
[illegible]/27																					4
[illegible]/25																					1
TOTAL	.1	[illegible]2.[illegible]	2[illegible].6	16.7	11.5	8.[illegible]	4.3	[illegible].3	1.9	.[illegible]	.4	.1	.1	.0				6696	6696	66[illegible]6	6696

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3312[illegible]	458931	6[illegible].5	15.[illegible]16	6[illegible]							
Dry Bulb	1[illegible]72[illegible]9	35[illegible]33	52.9	7.991	6696			4[illegible].9	18.[illegible]	[illegible].4		[illegible]44
Wet Bulb	15198971	3171[illegible]6	4[illegible].4	5.2[illegible]8	6696		.[illegible]	.4				[illegible]44
Dew Point	11583447	2[illegible]110	41.8	4.976	6696		1[illegible].4					[illegible]44

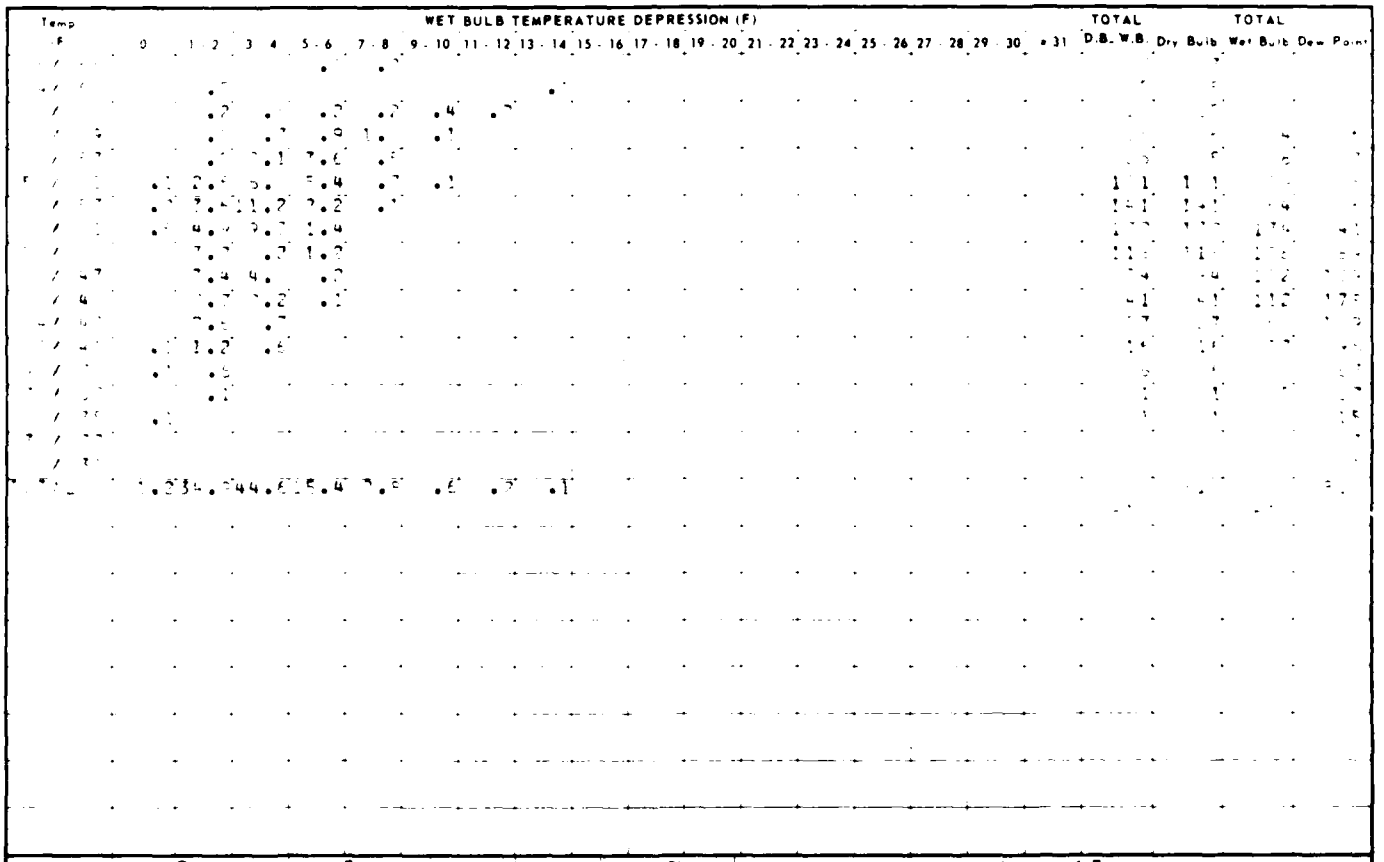
(Mean No. of Hours with Temperature: columns ≤ 0 F through Total)

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		.1					[illegible]

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

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF/FT LEWIS WA	[illegible]	[illegible]

PAGE [illegible] [illegible] HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]				.														1	1		
[illegible]		.5		.4			.[illegible]											1[illegible]	1[illegible]		
[illegible]		.[illegible]	.4		.1													4	[illegible]	[illegible]	7
[illegible]		.7	1.9	.2	.[illegible]	.1												[illegible]9	9	[illegible]	6
[illegible]	.	[illegible].3	3.[illegible]	[illegible].7	.7													[illegible]	[illegible]	[illegible]4	[illegible]
[illegible]		4.4	7.5	[illegible].	.1													114	1[illegible]4	[illegible]	[illegible]
[illegible]	.4	5.6	[illegible].1	1.1														171	131	[illegible]	[illegible]
[illegible]	.	[illegible].1	[illegible].5	.4														1[illegible]1	1[illegible]1	1[illegible]9	[illegible]4
[illegible]47	.[illegible]	[illegible].[illegible]	7.4	.1														1[illegible]4	124	174	1[illegible]
[illegible]4[illegible]		[illegible].1	2.1															[illegible]	[illegible]	177	[illegible]
[illegible]		4.1	1.[illegible]	.2														4[illegible]	43	[illegible]	1[illegible]
[illegible]4[illegible]	.1	7.[illegible]	1.[illegible]															[illegible]	[illegible]	4[illegible]	11[illegible]
[illegible]		[illegible].[illegible]	.[illegible]															1[illegible]	1[illegible]	[illegible]	[illegible]
[illegible]		1.[illegible]	.1															[illegible]	9	[illegible]	[illegible]
[illegible]	.[illegible]	.1																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																					
[illegible]																					
[illegible]	[illegible].1	4[illegible].5	41.[illegible]	7.[illegible]	1.[illegible]	.[illegible]	.[illegible]												[illegible]		9[illegible]
																		81[illegible]		81[illegible]	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5537368	6661[illegible]	82.[illegible]	8.577	81[illegible]							
Dry Bulb	2[illegible]36[illegible]1	4[illegible]436	49.9	4.718	81[illegible]							9[illegible]
Wet Bulb	1824221	38284	47.3	4.271	817							9[illegible]
Dew Point	163[illegible]34	36143	44.6	4.661	81[illegible]		.7					9[illegible]

(Mean No. of Hours with Temperature: columns ≤ 0 F through Total)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME GRAY AAF/FT LE TO ____ YEARS 73-81 MONTH OCT

PAGE 1 OCT-DEC

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.	Dry Bulb	Wet Bulb	Dew Point
/ 77								.1										1	1			
/ 69						.2	.1	.1	.1									7	7			
/ 67				.1	.2	.2	.1	.1										7	7			
/ 65					.4	.1	.1	.1										7	7			
/ 63		.1		.1	.2	.4	.1	.1										15	15			
/ 61		.4	.2	.1	.2	.2												16	16	4		
/ 59		.6	1.1	1.1	1.6	.1												44	44	11		4
/ 57		1.1	3.1	4.3	1.2	.1												79	79	22		
5 / 55	.5	3.2	4.1	6.3	1.1	.1												131	131	32		7
/ 53		4.7	9.7	5.3	.2													163	163	32		21
/ 51	.1	5.7	9.6	2.2	.1													144	144	154		57
/ 49	.1	5.4	6.7	1.2														129	129	210		116
/ 47		3.2	2.5	.1														47	47	150		111
/ 45		1.2	.6	.1														15	16	75		123
4 / 43		.5	.6															9	9	71		111
/ 41		.2	.2															4	4	1		72
/ 39		.2																2	2	6		72
/ 37																				1		14
3 / 35	.1																	1	1	1		11
3 / 33																						
TOTAL	.9	35.4	35.1	25.6	10.6	4.4	1.5	.1										809	809	809		809

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	403275	61156	76.6	10.432	809							
Dry Bulb	23[illegible]239	43444	53.7	4.621	809			1.5				6
Wet Bulb	[illegible]21[illegible]	40321	46.8	3.756	809							0
Dew Point	1747754	37442	46.3	4.219	809							72

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] AAF/FT LEWIS WA YEARS [illegible] MONTH

PAGE [illegible] HOURS [illegible] 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. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/											.1							1	1	
/										.1								1		
/										.1								1		
7 / 77								.1	.4		.1	.1						7	7	
/ 7[illegible]							.4	.1	.4									19	19	
6 / 7[illegible]						.4	.4	.2	.5	.1								17	17	
/ [illegible]					.2	.1	.3	.1	.4									14	14	
/ 69					.5	1.4	1.1	.5										26	26	
/ 6[illegible]				.1	.1	1.1	.1	.4										23	23	
6 / 6[illegible]			.4	.2	.2	.2	1.2											51	51	4
6 / 6[illegible]		.1	.5	.4	.3	.7	.4											46	46	[illegible]
/ [illegible]		.3	1.[illegible]	2.7	.1	1.4	.2											54	54	[illegible]
/ 60		.5	[illegible]	4.[illegible]	[illegible]	1.9	.3											109	[illegible]	[illegible]
/ 5[illegible]		.[illegible]	[illegible]	[illegible]	[illegible]	1.2	.1											142	142	[illegible]
5 / 5[illegible]		1.2	4.4	6.2	[illegible]	.[illegible]												111	111	[illegible]
/ 5[illegible]		[illegible]	[illegible]	[illegible]	.6	[illegible]												89	89	[illegible]
/ [illegible]		1.[illegible]	[illegible]	.[illegible]	[illegible]													43	43	[illegible]
[illegible] / [illegible]		.2	.[illegible]	.2	.1													11	11	144
/ [illegible]		.4	.[illegible]	.1														[illegible]	[illegible]	143
/ 4[illegible]																		[illegible]	[illegible]	160
4 / 4[illegible]																		[illegible]	[illegible]	[illegible]
[illegible] / 4[illegible]																		[illegible]	[illegible]	[illegible]
/ [illegible]																		[illegible]	[illegible]	[illegible]
/ [illegible]																		[illegible]	[illegible]	[illegible]
7 / 7[illegible]																		[illegible]	[illegible]	[illegible]
T[illegible]	.1	.9	2.6	.9	2.1	1.1	2.[illegible]	[illegible]	.8	2.7	1.6	.4	.2	.1				[illegible]	P[illegible]	P[illegible]
																		81[illegible]	8[illegible]	

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.	[illegible]537332	[illegible]	64.9	12.[illegible]34	81[illegible]							
Dry Bulb	[illegible]3473	42[illegible]48	59.6	6.[illegible]45	81[illegible]			11.6	[illegible].[illegible]	.[illegible]		[illegible]
Wet Bulb	228867[illegible]	42027[illegible]	53.[illegible]	4.114	81[illegible]							[illegible]
Dew Point	1325034	38217[illegible]	47.2	4.659	81[illegible]							9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

PAGE 1 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
/R													.1					1	1		
-/87													.1					1	1		
/86									.1		.1	.2						4	4		
/85									.1	.2	.1	.1						5	5		
/84									.4	.1	.9	.5						15	15		
/83							.1	.5	.5	.2	.4	.1						15	15		
/82							.5	1.0	.4	.5	.2							10	10		
/81						.1	.9	1.0	.9	.9								29	29		
/80						.1	1.0	1.4	.7	.2	.1							33	33		
/79						.9	2.3	1.2	.1	.1								78	78		
/78				.5	.1	.6	2.1	1.0	.2									44	44	1	
/77			.1	.2	.5	2.0	1.9	.5	.2									47	47	4	
/76				.2	1.7	3.5	2.1	.7										67	67	15	
/75		.1	.9	1.4	4.2	4.3	1.7	.4										125	125	22	
/74		.4	.6	2.2	4.2	2.8	1.2	.5										136	136	54	
/73		.3	1.1	4.4	3.6	2.2	1.4											134	134	80	17
/72		.7	2.1	3.5	3.1	.7	.2											84	84	99	17
5/71	1.0	1.7	3.0	.5	.6													83	83	109	34
/70	.4	1.1	.5	.1	.5													22	22	145	67
/69	.5	.2	.4	.1														12	12	125	94
5/68		.5																5	5	86	111
/67																				76	143
/66																				5	114
4/65																					94
/64																					56
4/63																					37
/62																					24
/61																					14
/60																					7
/59																					3
TOTAL	4.2	9.6	16.7	19.4	18.4	15.7	8.4	3.7	3.2	1.9	1.2	.2						813	813	813	813

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	63331	45731	56.5	14.502	813							
Dry Bulb	73455	51973	64.2	7.261	813			27.7	13.	7.5		97
Wet Bulb	24167	44693	55.2	4.428	813			.5				55
Dew Point	149424	38474	47.5	5.211	813		.1					95

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

...L CLIMATOLOGY BRANCH
...ETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION | ...AY AAF/FT LEAVE... AL STATION NAME | 73-81 YEARS | ... MONTH

PAGE 1 ...0-17... HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 90												•1						1	1		
/ 89											•1	•2			•1			4	4		
/ 88										•1	•5	•4	1.0					10	10		
/ 87									•2	•1	•2	•2	•4					11	11		
/ 86									•1	•6	•5	•3	•1	•2				18	18		
/ 85										•7	•4	•4	•1					16	17		
7 / 84								•2	•5	1.4	1.4	•5						35	35		
/ 83							•1	•3	•5	1.6	•8	•4						33	33		
/ 82						•2	1.4	1.9	1.1	•5								43	43		
/ 81					•4	•4	•5	1.4	1.7	•4	•2							42	42		
/ 80						•1	1.4	2.2	•6	•6	•1							41	41	6	
/ 6					•2	•5	1.7	2.1	1.0	•7								53	53	13	
/ 78				•1	•6	2.3	3.6	2.2	•9	•2								64	64	19	
/ 77			•1	1.2	4.4	3.2	1.5	•7	•2									63	63	26	
/ 76		•4	1.2	•6	4.3	3.2	1.7	•7										67	67	57	3
/ 75		•5	1.1	2.6	4.8	1.7	•6	•4										68	68	98	14
/ 74		•5	1.7	3.1	1.9	1.7												62	62	119	17
5 / 73		1.1	1.6	1.7	•4	•2												28	28	116	47
4 / 72		1.2	•6	•2	•2													19	19	177	41
/ 71	•1	•5	•6		•2													11	11	143	68
/ 4			•5															4	4	45	132
/ 47			•2															2	2	25	135
/ 46																				6	121
4 / 45																				2	72
2 / 44																					45
/ 43																					22
7 / 42																					25
/ 41																					16
3 / 40																					9
/ 39																					4
/ 38																					1
TOTAL	•1	4.2	4.1	9.6	19.8	16.2	14.7	9.6	7.8	5.2	2.5	1.7	•2	•1	•2			813	813	813	813

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2[illegible]3414	43523	53.7	15.768	810							
Dry Bulb	3560168	533[illegible]4	65.8	8.046	810			34.7	19.1	6.2		90
Wet Bulb	3[illegible]383 4	45186	55.9	4.664	810			2.1				90
Dew Point	1641599	38357	47.4	5.584	810		.4					90

USAFETAC FORM 0-26-5 (OL A) 8/64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | FAY AAF/FT LEWIS WA STATION NAME | [illegible] YEARS | [illegible] MONTH

PAGE [illegible] [illegible] HOURS L.S.T.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]										.1	.1	.2		.1				[illegible]	[illegible]		
[illegible]										.1	.2	.1						4	4		
[illegible]								.1	.1	.1	.2	.1	.1					7	7		
[illegible]								.1	.2	.1	.2		.1					7	7		
[illegible]							.2	.5	.7	.1								15	15		
[illegible]							.1	.5	.6	.5	.2							17	17		
[illegible]							.1	1.1	1.1	.2	.1							25	25		
[illegible]				.2	.5	.6	.9	1.7	1.0	.2	.1							47	47		
[illegible]				.4	.1	.4	.3	1.1	.5									32	32		
[illegible]			.1		.1	1.4	.3	1.1	.4									22	22		
[illegible]			.4	.2	.2	3.1	2.0	.6										67	67		
[illegible]		.4	.3	1.2	3.0	1.7	1.2	.1										65	64	1	
[illegible]			.3	.2	4.5	.3	.6	.3										91	91	3	6
[illegible]		.5	1.1	3.1	4.1	1.7	.9											97	97	5	
[illegible]		.3	2.1	5.1	7.6	1.6												136	136	10	11
[illegible]		.5	3.3	7.5	1.3	.5												82	82	121	3
[illegible]	1.5	.2	1.6	.6														49	46	144	55
[illegible]		.3	.5	1.2	.1													22	22	148	83
[illegible]		.6	.6	.1														13	13	16	145
[illegible]		.1	.1	.1														3	3	45	145
[illegible]			.1															1	1	15	131
[illegible]			.1															1	1	2	6
[illegible]																				2	6
[illegible]																				1	4
[illegible]																					4
[illegible]																					1
[illegible]																					2
[illegible]																					1
[illegible]	.6	1.7	2.0	1.2	1.2	1.4	1.1	1.1	.7	.2	.4	.2	.2	1.5	.5	.2	.1	81	81	61	81

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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]								.1													
/ [illegible]							.1	.4	.1												
/ [illegible]					.4	.6	.5	.1													
/ 65			.1	.4	.7	.9	.8	.2													
/ [illegible]		.5	.1	.4	1.5	.7	.9	.2													
/ [illegible]		.4	.4	2.3	2.2	1.5	.3														
/ 69		.4	3.0	4.8	1.3	1.6	.1														
/ [illegible]		1.6	3.3	5.4	2.0	.6	.1														
/ 65		1.4	4.2	6.3	1.4																
/ 67	.1	3.3	7.2	4.3	.6																
/ 69	.1	3.1	7.3	2.2	.5																
/ 6[illegible]		1.3	3.7	1.9																	
/ 67		1.7	1.5	.9																	
/ 69		.6	.6																		
/ 67		.4	.1																		
/ 69		.1																			
/ [illegible]																					
/ 75																					
TOTAL	.1	.2	1.3	.5	1.7	.9	.2	1.1	.1												

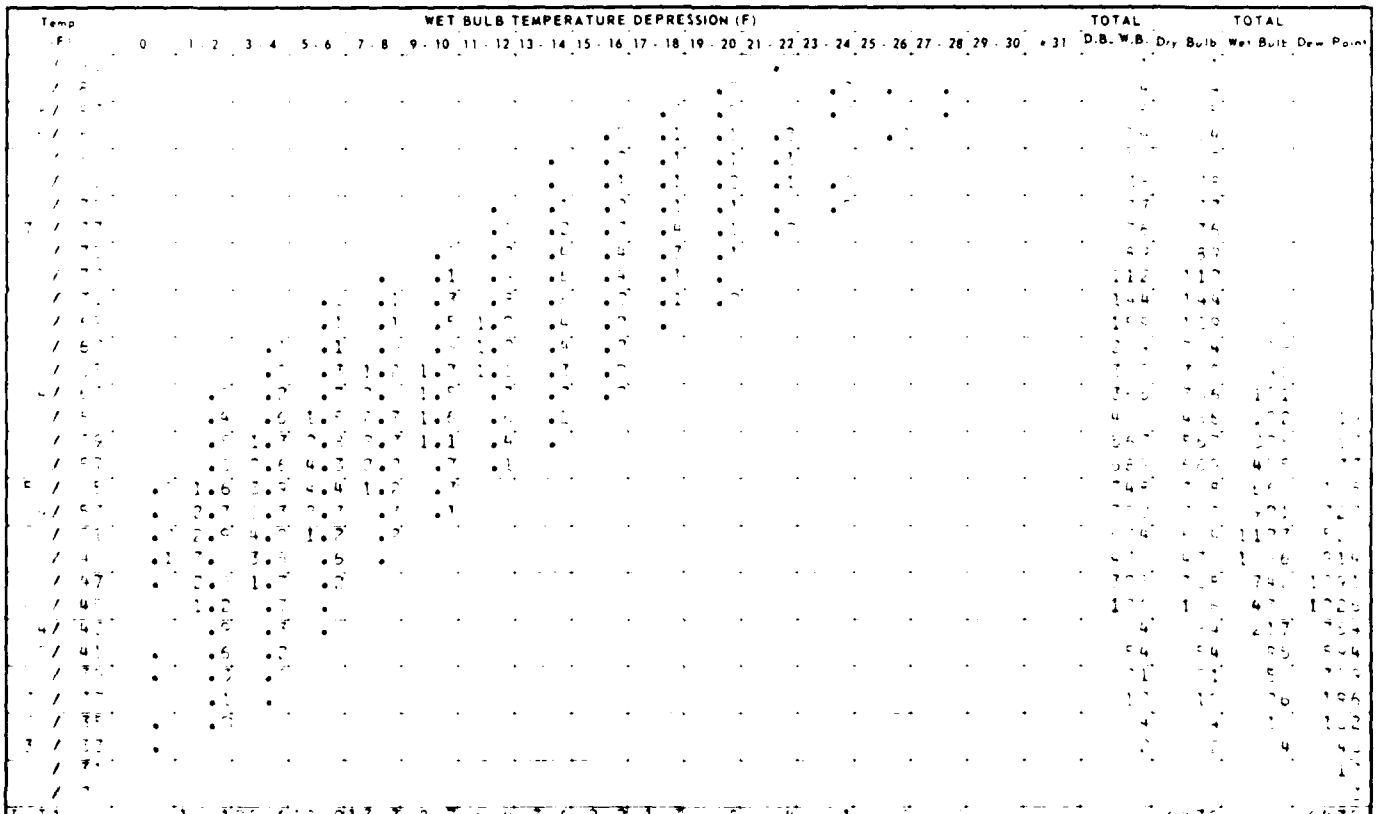
Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	422113	57614	71.1	12.33	81							
Dry Bulb	255489	4[illegible]335	56.1	[illegible].11	81			[illegible].9	.1			9
Wet Bulb	211514	41[illegible]75	51.[illegible]	3.836	81							9
Dew Point	17547[illegible]	37528	46.3	4.448	81							9

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
A[illegible] AIR FORCE SERVICE [illegible]

PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME [illegible] YEARS [illegible] MONTH ALL HOURS [illegible]



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.	[illegible]	[illegible]	6[illegible].612.[illegible]		6479							
Dr. Bulb	[illegible]21 41[illegible]	[illegible]	57.[illegible]	[illegible].2[illegible]	6479			151.[illegible]	4[illegible].[illegible]	17.[illegible]		
Wet Bulb	[illegible]	[illegible]	51.[illegible]	5.15	6479							
Dew Point	14132[illegible]	[illegible]	4[illegible].4	4.[illegible]95	6479		1.[illegible]					

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS

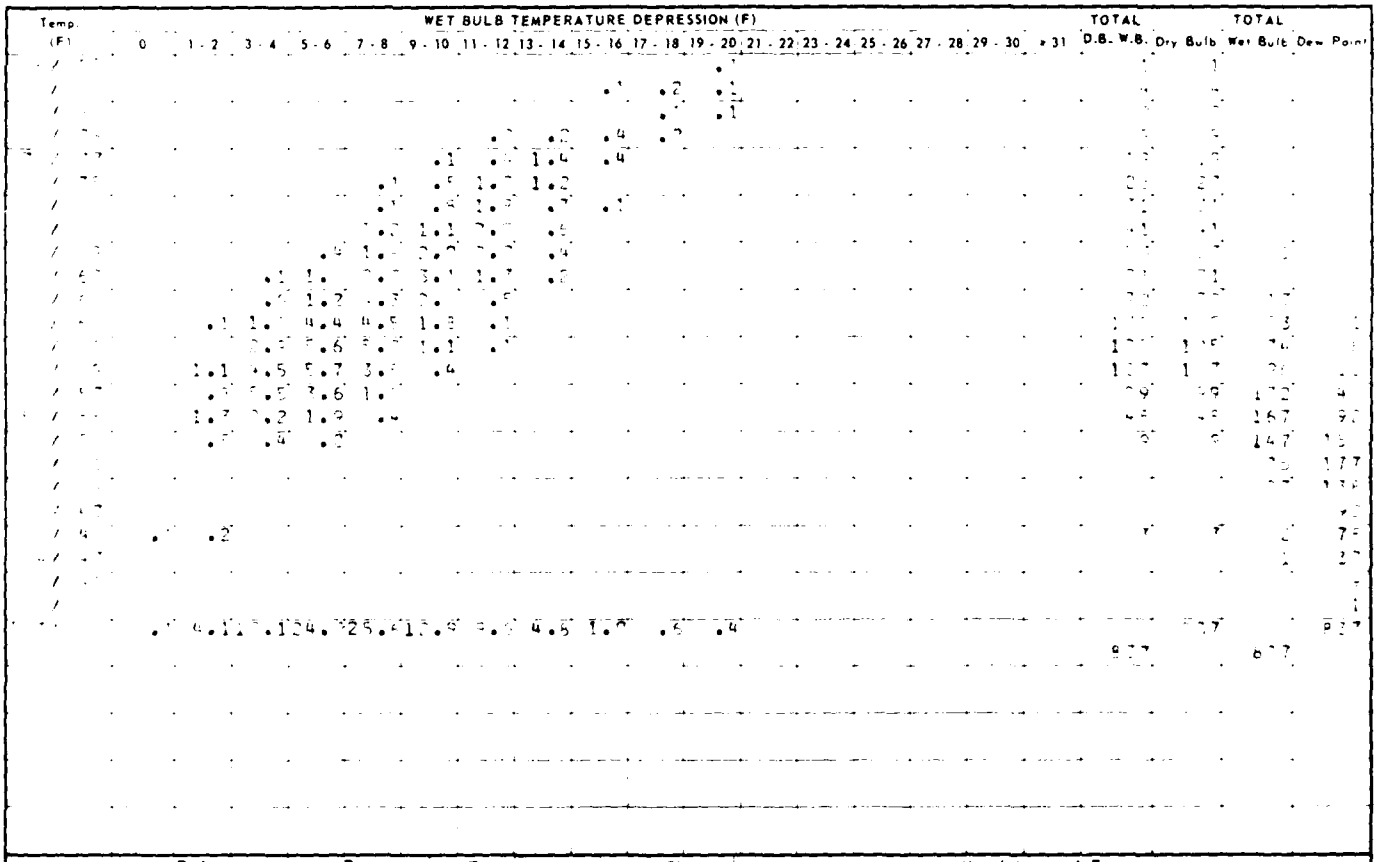
Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



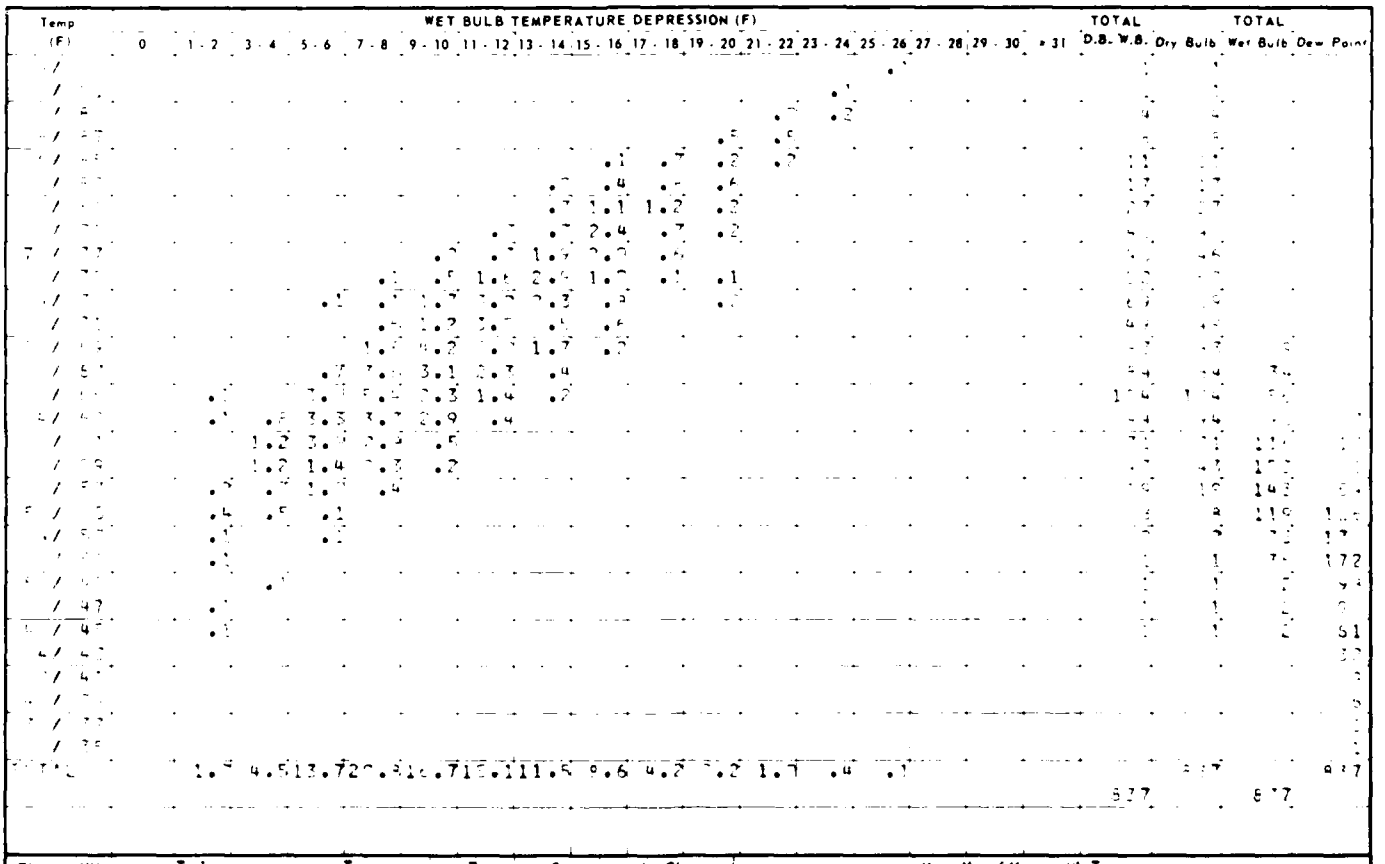
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-5 (OL-A)

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS L.S.T.



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.	[illegible]	45779	54.7	12.681	837							
Dry Bulb	[illegible]	[illegible]41	69.3	7.438	837			54.7	30.7	1.7	.1	93
Wet Bulb	[illegible]	49541	59.2	4.201	837			4.9				93
Dew Point	[illegible]	43153	51.6	4.305	837							93

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

...AL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... 77 | ...DAY AAF/FT LEWIS ...A | ...-... | ... | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE ... | ...-17...
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	.1				4		
/ ...														.7					2		
/ ...											.2		.1						7		
/ 8...											.5	1.7	.1					12	15		
/ ...								.4	.2	1.7	.8	.2						25	25		
/ ...							.1	.5	2.4	1.6	.1							45	45		
/ ...						.2	1.0	.4	1.6	.5	.2							34	34		
/ 7...						.1	.2	1.1	1.4	1.7	1.0	.4						51	51		
7 / 77					.2	.2	.7	1.7	1.3	1.2	.1							5...	5...		
/ ...						1.0	1.6	3.0	1.7	.4	.1							64	64		
/ ...						.5	2.6	1.6	1.6	.5								44	44		
/ ...				.1		.2	1.1	3.3	.8	.5	.2							57	57		
/					.2	1.4	3.0	2.3	1.2	.4								45	45	18	
/ 6...					.6	2.1	4.1	3....	.6	.1								100	100	34	
/ ...				.1	.2	3....	2....	....	.1									92	92	42	
/ ...			.1	....	.3	1....	.4											54	54	98	
/ ...			.2	.5	1.2	2.5	.7											64	64	134	11
/ 7...			.1	.5	.4	.2	.1											15	15	141	28
/ ...				1.1	.4	.1												14	14	135	57
F / 6...			.1	.5	.1	.4												6	6	2...	66
/ ...				.1														1	1	42	152
/ ...																				11	147
/ 5...																				7	117
/ 47																					4...
/ 4...																					8...
4 / 42																					4...
/ / 41																					16
/ / ...																					9
/ / ...																					4
...TAL		1.1	4.3	7.7	17.1	15.1	17.9	11.5	8.4	6.7	5.6	2.5	.5	1.1	.1	.2					857
																		877		877	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	2...7775	4246...	5...7	13.760	...37							
Dry Bulb	43611-6	4...3...	71....	7.937	...37			66....	19.5	17.1	....	93
Wet Bulb	3...75...	5...25...	6...1	4.171	...37			......				93
Dew Point	2232317	43 43	51.4	4.744	...37							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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
/ 32														.1	.1						
/ 31														.5				4	4		
/ 30												.1						1	1		
31 / 29												.2						7	7		
30 / 28										.4	.5	.1	.2					12	12		
/ 27								.1	.2	.6	.7	.4						19	19		
/ 26								.4	.7	1.1	.5							27	27		
/ 25						.1	.4	.5	1.2	.6	.5							26	26		
27 / 24						.1	.3	2.3	1.2	.6	.1							41	41		
/ 23					.1	.5	1.4	1.6	.8	.2	.2							44	44		
24 / 22						1.1	3.5	1.6	1.1	.4	.1							55	55		
/ 21					.6	1.6	1.8	1.4	.5	.1								52	52		
/ 20				.1	1.1	3.8	1.2	1.1	.1	.1								62	62	5	
/ 19			1.1	2.1	4.1	3.3	1.3	.1										98	98	16	
20 / 18		.1	2.4	3.6	2.9	1.4	.4											90	90	45	
19 / 17		.1	3.9	3.1	2.5													81	81	79	3
/ 16	.2	.7	2.5	3.2	3.6	1.3	.4											101	101	112	5
/ 15		.6	1.9	2.3	1.9	.6	.1											67	67	140	24
/ 14		.4	.7	1.7	1.1													71	71	139	55
15 / 13		.4	.7	.1	.1													11	11	117	117
14 / 12		.1		.4														4	4	97	156
/ 11			.1															1	1	54	145
/ 10																				5	117
/ 9																					89
/ 8																					76
9 / 7																					41
8 / 6																					27
/ 5																					8
7 / 4																					3
/ 3																					1
/ 2																					1
TOTAL	.2	3.2	13.3	15.7	19.5	18.9	12.9	9.9	6.7	4.4	2.6	1.4	.2	.5	.1			837		837	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2[illegible]7841	46453	55.5	14.249	837							
Dry Bulb	3[illegible]5[illegible]	57529	68.4	7.541	837			55.1	26.9	2.9	.2	93
Wet Bulb	2[illegible]777	48957	58.5	4.115	837			2.6				93
Dew Point	2[illegible]2347	42558	50.8	4.697	837		.1					93

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

...L RAL CLIMATOLOGY BRANCH
...AFETAC
A... ...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION ... GRAY AAF/FT LEWIS WA STATION NAME ... YEARS ... JUL MONTH

... HOURS ... S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ ...										•1								1	1		
7 / 77								•1	•1									2	2		
/ 7...							•2	•2	•1									5	5		
-/ 7...						•6	•7	•2										13	13		
/ 7...					•7	1.1												17	17		
/ 7...				•2	1.1	1.4	•6	•1										5	5		
/ 6...			•4	•7	2.4	1.7	•7											47	47		
/ 6...			•5	•3	2.3	1.3	•1											7	7		
-/ 6...			1.1	4.3	2.7	1.6	•2											15	15	2	
/ 6...	•4	•4	3.5	6.5	2.3	•7												123	123	64	
/ 5...		•6	5.5	5.7	1.7	•5	•2											153	153	22	4.5
/ 5...	•1	2.4	7.4	4.9	1....	•1												141	141	144	27
5 / 5...	•1	1.1	4....	3.2	•...													69	69	104	9....
/ 5...		•6	2.0	1.7														47	47	17	1....
/ 5...		•...	1.7															17	17	3....	1....
/ 4...		•1	•2															8	8	14	1.2
/ 4...		•2	•1															2	2	2	1.7
/ 4																				1	6....
4/ 4...																					5....
/ 4...																					1....
4 / 3...																					1....
3 / 3...																					
TOTAL	•6	9.1	31.2	30.5	15....	8.6	4.1	•7	•2	•1								417	417	277	87

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.	423-938	58824	7...911	1.25...	...37							
Dry Bulb	51512	5...34	6...7	5..50	...37			1...5	2....	•1		93
Wet Bulb	556074	46136	5...4	3.695	...37							93
Dew Point	715 323	42375	5...6	4.192	...37							93

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

[illegible] CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]RAY AAF/FT LEWIS WA	73-81	JUL

PAGE [illegible] — ALL HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																•		[illegible]	[illegible]		
[illegible]														.1	.1			7	7		
[illegible]													[illegible]	.1				11	11		
[illegible]											[illegible]	[illegible]	[illegible]					[illegible]	[illegible]		
[illegible]											.1	.3	[illegible]					[illegible]	31		
[illegible]									.1	.2	.3	.1	.1					47	47		
[illegible]								[illegible]	.2	.5	.4	.1						[illegible]	[illegible]		
[illegible]							[illegible]	[illegible]	.3	.5	.2	[illegible]						[illegible]	[illegible]		
[illegible]						[illegible]	[illegible]	.3	.7	.4	.2	[illegible]						[illegible]	[illegible]		
[illegible]					[illegible]	.1	.3	[illegible]	[illegible]	.3	[illegible]							[illegible]	[illegible]		
[illegible]					[illegible]	.3	[illegible]	1.1	.4	.1	.1							[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	.6	1.6	.8	.4	.1	[illegible]							[illegible]	[illegible]		
[illegible]			•	[illegible]	.4	.7	1.4	.4	.2	[illegible]								[illegible]	[illegible]		
[illegible]				[illegible]	[illegible]	[illegible]	1.1	.6	.1	[illegible]								[illegible]	[illegible]	[illegible]	
[illegible]			[illegible]	.6	[illegible]	[illegible]	1.2	[illegible]	[illegible]									421	421	[illegible]	
[illegible]		[illegible]	.2	[illegible]	[illegible]	1.4	.7	.1										[illegible]	464	[illegible]	[illegible]
[illegible]		.1	.6	[illegible]	[illegible]	[illegible]	.2											472	[illegible]	[illegible]	[illegible]
[illegible]	.1	.4	[illegible]	3.6	[illegible]	.5	.1											511	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	1.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]											[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												778	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]	[illegible]	611
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.1													[illegible]	[illegible]	[illegible]	1117
[illegible]	[illegible]	[illegible]	[illegible]	.1	[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.1	1.4	1.3	.1														[illegible]	[illegible]	[illegible]	[illegible]
47	[illegible]	[illegible]	[illegible]	[illegible]														[illegible]	[illegible]	[illegible]	969
45	[illegible]	.6	[illegible]	[illegible]														43	43	141	619
[illegible]	[illegible]	.2																15	[illegible]	48	414
[illegible]	[illegible]	.1	[illegible]															6	6	[illegible]	[illegible]
[illegible]																				[illegible]	[illegible]
[illegible]																				[illegible]	[illegible]
[illegible]																					[illegible]
[illegible]																					4
[illegible]																					1

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] AAF/ET LE[illegible] AK	73-[illegible]	JUL

PAGE [illegible] ALL HOURS [illegible] 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	24.5	[illegible]	11[illegible]	[illegible]	[illegible]	[illegible]	4.8	[illegible]	[illegible]	1.3	.4	.1	.2	.1	.1						6695		6695

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.	[illegible]	[illegible]	65.9	16.29	6695							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	6695			[illegible]	[illegible]	[illegible]	[illegible]	744
Wet Bulb	[illegible]	[illegible]	55.[illegible]	[illegible].41	6695			14.[illegible]				744
Dew Point	[illegible]	[illegible]	[illegible].4	4.375	6695		.1					744

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

...L CLIMATOLOGY BRANCH
USAFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

... STATION | ...AY AAF/FT LEWIS WA STATION NAME | ...-81 YEARS | AUG MONTH

PERIOD ... HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ ...						.1	.2											3	3		
/ ...				.1		.2												3	3		
/ 67			.2	.4	.1	.6												12	12		
/ ...			.4	1.1	.1	.2												...	...		
/ ...		.2	1....	1.6	.2													...	9		
/ ...		1.3	3.5	1.1	.4	.1												23	27		
/ 59		5.6	6.9	3.1	.4													134	134	...	...
/ 57		7.8	12.6	1.8														155	155	...	...
5 / 55	.1	8.11	.2	2.9														173	173	173	...
/ 53	.2	5.6	5.9	.8														106	105	...	...
/ ...		4.3	3.3	.1														80	85	173	...
/ ...	.1	1.7	1.5	.1														33	37	...	...
/ 47		.7	.2	.1														11	12	4	...
/ 45		.4	.2															6	6	14	6
4 / 43																				...	...
/ 41																				...	...
/ ...																				...	...
/ 37																				...	...
...40	1.1	25.9	46.11	13.3	3.3	1.3	.2											...	777	...	836
																		836		676	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5567.18	67.54	81.2	8.615	836							
Dry Bulb	2...38.7	47.33	56.8	4.92	837			...9				93
Wet Bulb	2414.71	446.29	53.6	3.494	836							93
Dew Point	2187.5	426.1	51.1	3.816	836							93

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

...L CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

HOURS ...

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
... / ...			.1	.1																	
... / ...		.1	.4	.4	.2																
... / ...		1.2	1.4	.8	.4																
... / ...		1.0	3.5	.7	.1																
... / ...	.1	1.1	2.1	1.1	.2																
... / ...	.1	1.1	2.1	1.3	.2																
... / ...	.1	3.3	4.4	.6																	
... / ...	.6	5.9	2.1																		
... / ...	.2	4.4	.9																		
... / ...	.3	2.2	1.0																		
... / ...	.1	1.5	.6																		
... / ...		.7	.4																		
... / ...		.2	.1																		
... / ...																					
... / ...																					
... / ...																					
TOTAL	.1	32.6	32.8	4.3	1.1																

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.	...	...	84.3	7.27	437							
Dry Bulb	...	45...	54.7	4.77	437							
Wet Bulb	...	43765	52.1	5.771	437							
Dew Point	...	41489	5.1	4.95	437							

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

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

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

HOURS ____ 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
TAL	41	341	1	1	8	7	7	2													937

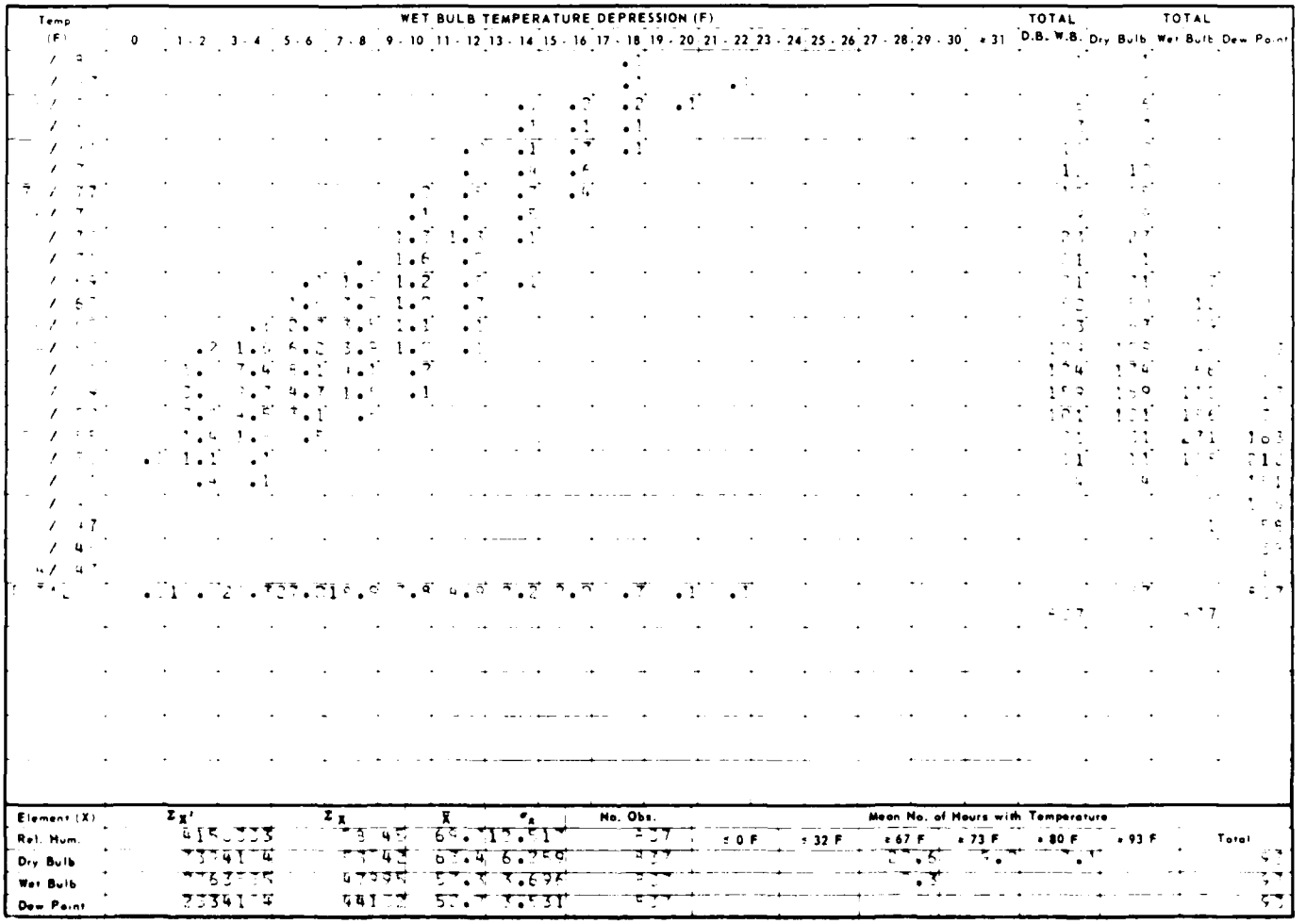
Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]72 729	6[illegible]88	8[illegible]	[illegible].817	937							
Dry Bulb	26[illegible]1917	4[illegible]716	56.5	4.525	837			[illegible].7	1.1			93
Wet Bulb	24[illegible]6597	44773	53.4	3.717	837							93
Dew Point	21[illegible]5131	42744	51.1	3.824	837							93

[illegible] CLIMATOLOGY BRANCH
[illegible]TAC
[illegible] [illegible] SPECIFIC/MAC

PSYCHROMETRIC SUMMARY

[illegible] [illegible] AAF/FT [illegible] AB [illegible]
STATION STATION NAME YEARS MONTH

[illegible] HOURS [illegible]



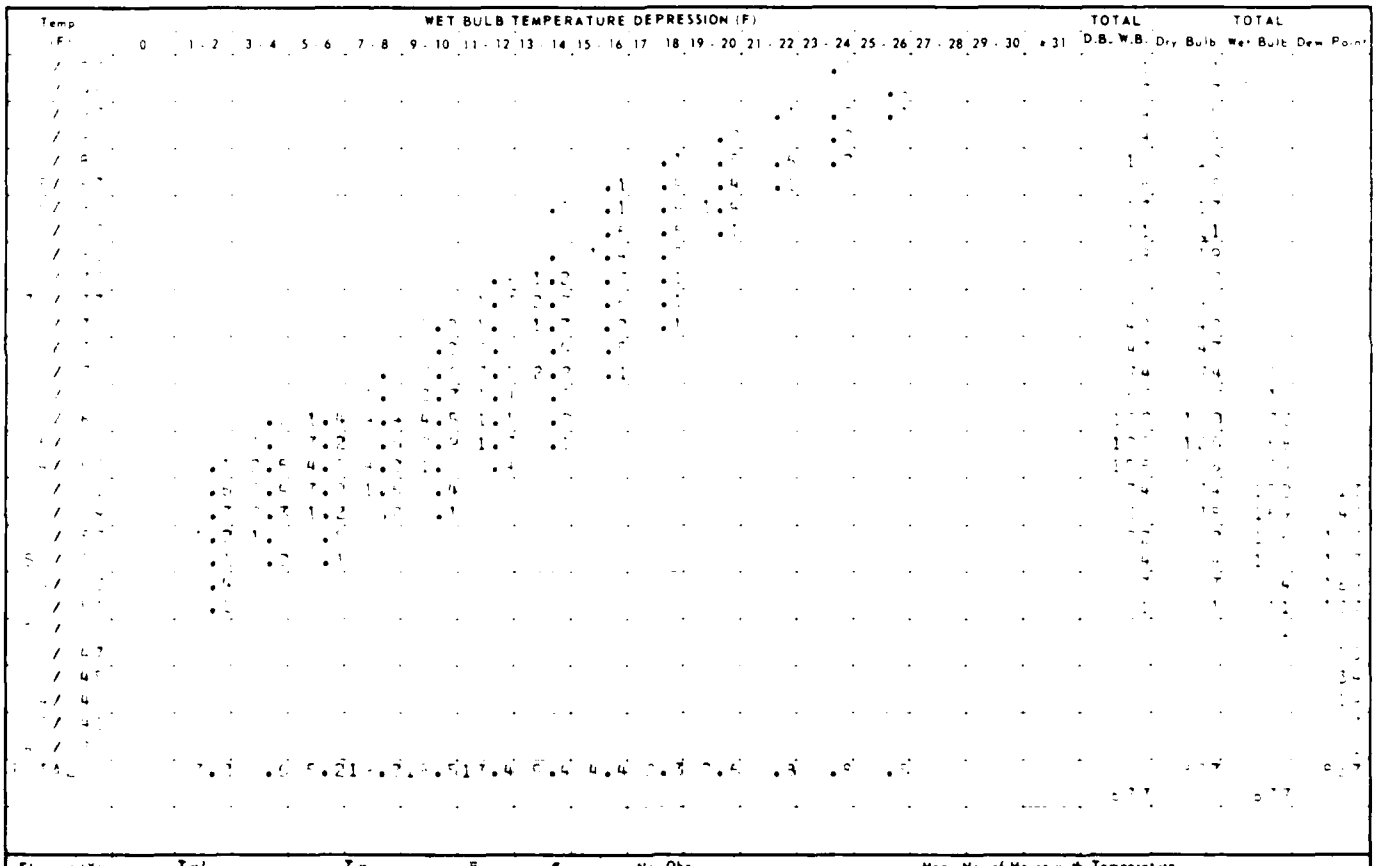
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Wet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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS

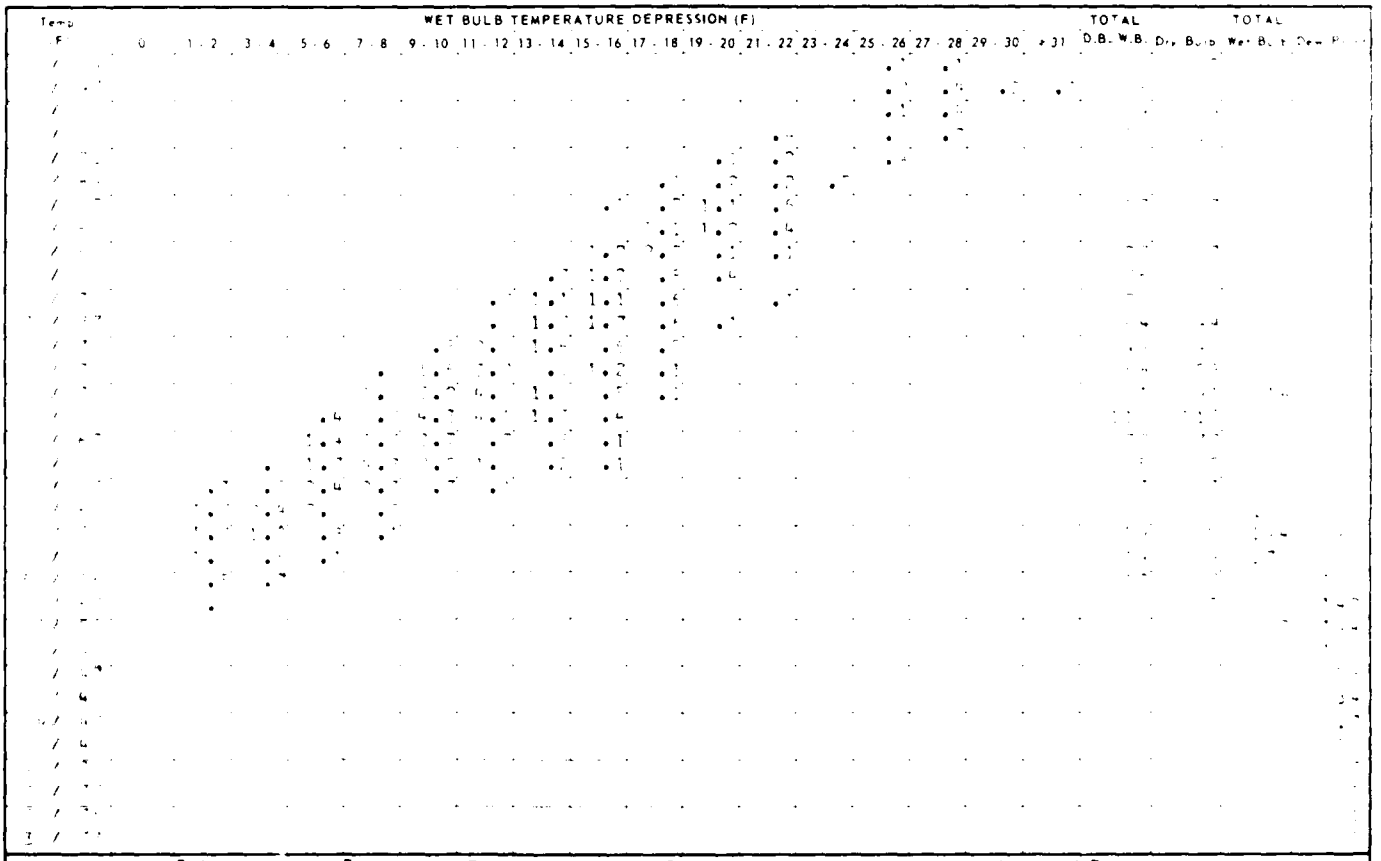


Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature					
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum												
Dry Bulb										1		
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS



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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

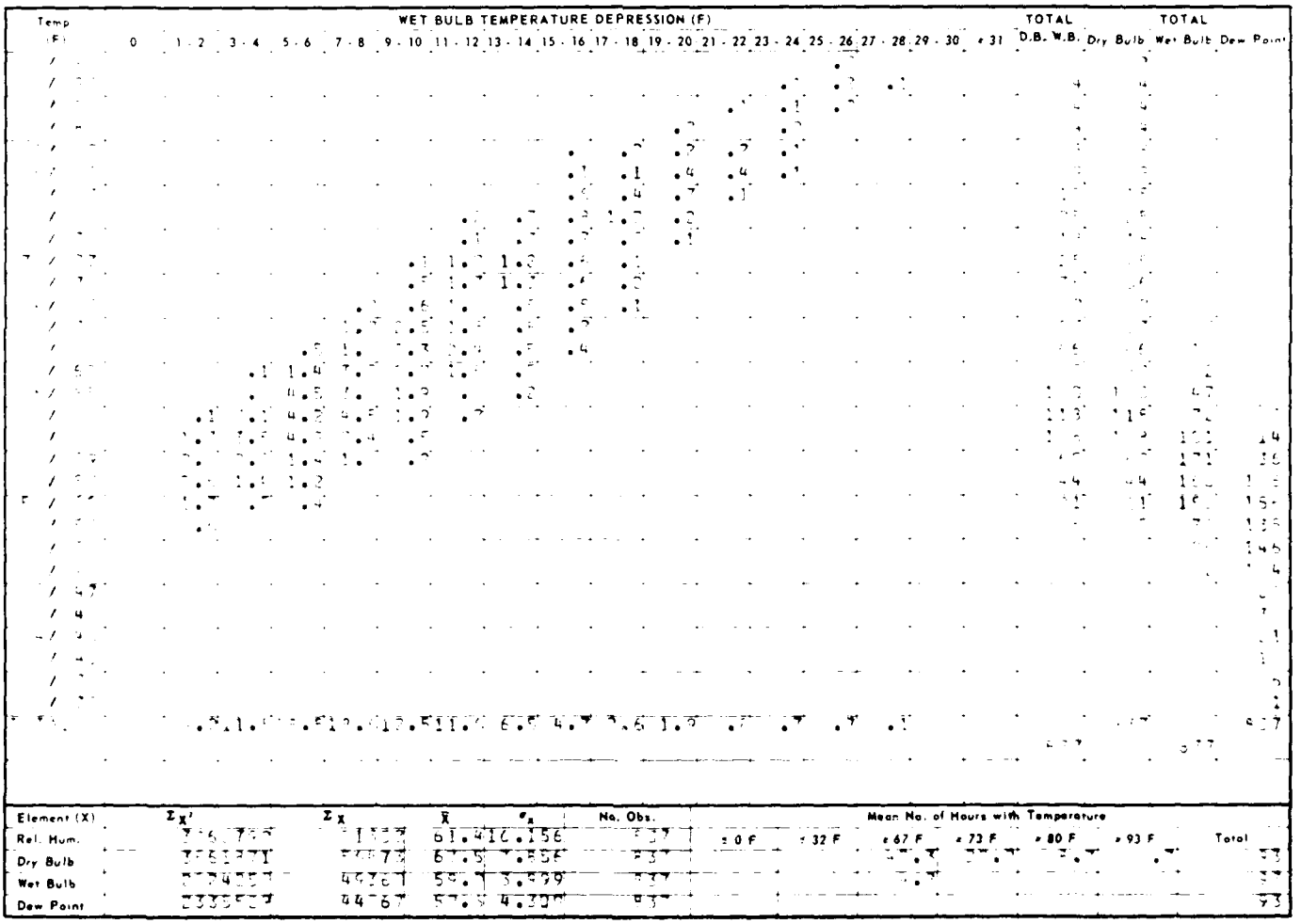
Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point

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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



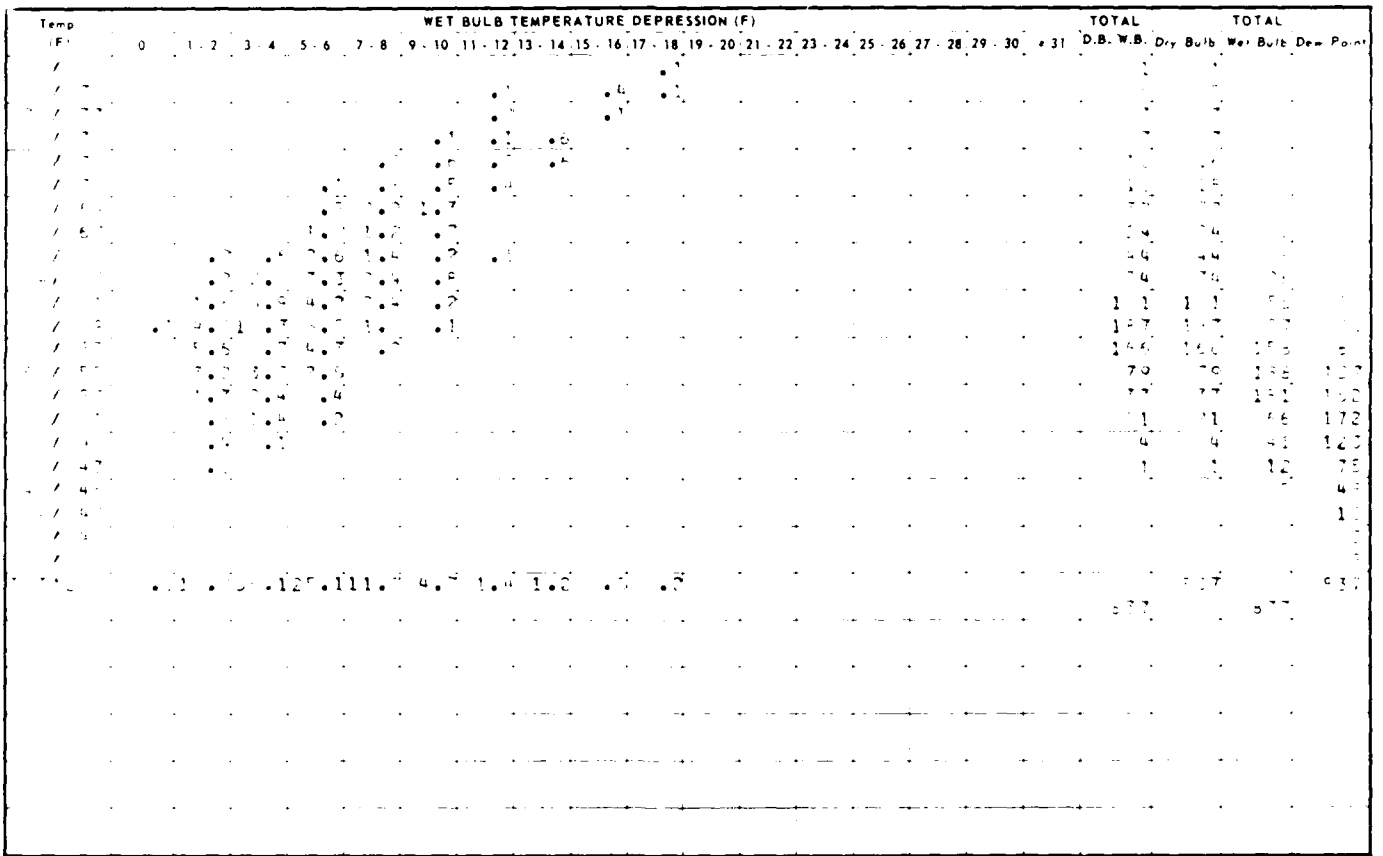
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			61.41	16.156								
Dry Bulb			67.5	15.56								
Wet Bulb			58.4	13.599								
Dew Point			57.5	14.20								

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

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

HOURS _____



Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	74.[illegible]	11.2[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	67.5	5.169	837			11.4	[illegible]	[illegible]		[illegible]
Wet Bulb	[illegible]	[illegible]	55.9	5.611	837			[illegible]				[illegible]
Dew Point	[illegible]	[illegible]	55.2	5.925	837							[illegible]

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

L... CLIMATOLOGY BRANCH
...
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

PART ... 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
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] GRAY AAF/FT LEWIS WA — STATION NAME; 73-8[illegible] — YEARS; A[illegible] — MONTH

PAGE [illegible]; ALL — HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ [illegible]														[illegible]	[illegible]			[illegible]	[illegible]		
/ [illegible]													[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		
/ [illegible]														.1	[illegible]			[illegible]	[illegible]		
/ [illegible]												[illegible]	[illegible]	.1	[illegible]			[illegible]	[illegible]		
/ [illegible]											[illegible]	[illegible]	[illegible]	.1				14	14		
/ [illegible]										[illegible]	.1	.1	.1					[illegible]	[illegible]		
/ [illegible]									[illegible]	.1	[illegible]	.1	[illegible]					[illegible]	[illegible]		
/ [illegible]								[illegible]	.1	.2	.4	.1	[illegible]					[illegible]	[illegible]		
/ [illegible]								[illegible]	[illegible]	.4	.1	[illegible]						[illegible]	56		
/ [illegible]							[illegible]	.2	.5	[illegible]	.1							[illegible]	[illegible]		
/ [illegible]							[illegible]	.4	.4	[illegible]	[illegible]	[illegible]						[illegible]	[illegible]		
/ [illegible]						[illegible]	[illegible]	[illegible]	.4	.1	[illegible]							[illegible]	[illegible]		
/ [illegible]						.4	[illegible]	[illegible]	[illegible]	.1								145	145		
/ [illegible]					[illegible]	[illegible]	1.0	[illegible]	.3	[illegible]								1[illegible]4	[illegible]4	4	
/ [illegible]				[illegible]	[illegible]	1.[illegible]	1.4	.5	.1	[illegible]								[illegible]	[illegible]	[illegible]	
/ [illegible]				[illegible]	1.[illegible]	1.7	1.[illegible]	[illegible]	.1									3[illegible]	[illegible]	77	
/ 6[illegible]			[illegible]	1.[illegible]	[illegible]	1.5	[illegible]	[illegible]	[illegible]									349	349	1[illegible]	
/ [illegible]			[illegible]	[illegible].1	[illegible]	1.2	[illegible]	[illegible]	[illegible]									445	445	[illegible]26	
/ [illegible]		[illegible]	1.[illegible]	3.1	[illegible].4	.7	.1											[illegible]36	[illegible]36	[illegible]	[illegible]
/ [illegible]		1.[illegible]	3.[illegible]	[illegible].4	1.[illegible]	[illegible]												[illegible]	[illegible]	488	[illegible]
/ [illegible]	.1	[illegible].2	[illegible].4	2.[illegible]	[illegible]	.1												7[illegible]5	[illegible]	797	19[illegible]
/ [illegible]	[illegible]	[illegible].3	[illegible]	1.[illegible]	[illegible]													[illegible]4	[illegible]4	1[illegible]2	[illegible]
/ [illegible]	[illegible]	[illegible].5	4.5	1.2														6[illegible]4	6[illegible]4	12[illegible]2	1[illegible]5[illegible]
/ [illegible]	[illegible]	[illegible].3	[illegible]	[illegible]														3[illegible]	[illegible]	1,[illegible]	1232
/ [illegible]	[illegible]	2.[illegible]	1.[illegible]	[illegible]														[illegible]	[illegible]	6[illegible]	1316
/ [illegible]	[illegible]	1.2	[illegible]	[illegible]														1[illegible]3	133	317	[illegible]99
/ [illegible]	[illegible]	[illegible]	[illegible]	.1														72	73	159	6[illegible]4
/ 4[illegible]	[illegible]	.3	.1															[illegible]	3[illegible]	[illegible]3	372
4/ 4[illegible]		[illegible]	[illegible]															14	14	3	157
/ 4[illegible]		[illegible]	[illegible]															6	6	15	7[illegible]
/ [illegible]																				[illegible]	32
/ [illegible]																				[illegible]	1[illegible]
/ 7[illegible]																					7
/ 73																					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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]																					
[illegible]			.4	.7	.3	.1															
[illegible]		1.0	.6	.5	.1																
[illegible]	.2	4.7	2.7	.9	.2	.2															
[illegible]	.2	5.7	4.9	.5	.2																
[illegible]	.2	9.1	3.5	.4	.2																
[illegible]	.2	8.2	4.6	1.5																	
[illegible]	.4	9.1	4.3	1.0																	
[illegible]	.5	8.0	4.7	.5																	
[illegible]	.2	7.3	1.4																		
[illegible]		3.5	.4																		
[illegible]		2.0	.1	.1																	
[illegible]		.5	.1																		
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
[illegible]																					
TOTAL	.5	[illegible]	.9	.5	.1	.1	.1														

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	84.7	8.166	[illegible]							
Dry Bulb	[illegible]	[illegible]	57.4	4.639	[illegible]							
Wet Bulb	[illegible]	[illegible]	50.9	4.344	[illegible]							
Dew Point	[illegible]	[illegible]	44.7	4.811	[illegible]		.1					

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ____ STATION NAME ____ YEARS ____ MONTH ____

PAGE ____ 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
/ 5		.1	.1		.4													c	c		
/ 4		.4	1.[illegible]	.6														[illegible]	[illegible]	[illegible]	
/ 59		3.[illegible]	[illegible].8	.5														[illegible]	[illegible]	3	1
/ [illegible]		[illegible].1	3.1		.1													[illegible]	[illegible]	4[illegible]	[illegible]
6 / [illegible]	.[illegible]	[illegible].[illegible]	3.2	.7	.2													[illegible]	[illegible]	[illegible]	[illegible]
/ 62		2.9	7.1	.5														1[illegible]	1[illegible]	1[illegible]	65
/ [illegible]	.[illegible]	[illegible].9	3.[illegible]	1.[illegible]														1[illegible]	1[illegible]	1[illegible]	112
/ 4	.21	.[illegible]	4.2	.4														1[illegible]	1[illegible]	11	1[illegible]
/ 47	.[illegible]	3.0	.5															[illegible]4	[illegible]4	1[illegible]	1[illegible]
/ 46	.1	7.4	.3															[illegible]	[illegible]	[illegible]	[illegible]
4 / 4[illegible]	.[illegible]	4.4	.4															[illegible]	[illegible]	[illegible]	[illegible]
/ 41	.2	1.9	.2															[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
/ [illegible]		.[illegible]																1	1	[illegible]	[illegible]
/ [illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]																		[illegible]	[illegible]	[illegible]	[illegible]
T[illegible]	.[illegible]	.122.[illegible]	3.7	.7														[illegible]	[illegible]	[illegible]	[illegible]
																		≤ 9		≤ 9	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]031[illegible]	[illegible]9617	6[illegible].[illegible]	7.60	839							
Dry Bulb	21841 [illegible]	41867	51.7	4.984	81[illegible]							[illegible]
Wet Bulb	[illegible]029 [illegible]	[illegible]0771	49.5	4.749	839							[illegible]
Dew Point	1656747	38539	47.8	5.124	839							90

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

PSYCHROMETRIC SUMMARY

[illegible] CLIMATOLOGY BRANCH
[illegible]
AIR WEATHER SERVICE/MAC

STATION: [illegible] STATION NAME: [illegible] AAF/FT LEWIS WA YEARS: [illegible] MONTH: [illegible]

PAGE [illegible] HOURS (L.S.T.): [illegible]

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
[illegible]		.1	.1	.1			[illegible]											4	4		
[illegible]		.1	[illegible]	.6	.2													11	11	[illegible]	
[illegible]		.9	1.[illegible]	.[illegible]	.4													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible].3	4.2	1.2	.[illegible]													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].3	4.[illegible]	.4	.1													[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].7	4.7	.7														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	1.[illegible]	4.[illegible]	.7														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	7.[illegible]	[illegible].2	.[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	7.[illegible]	[illegible].7															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	5.4	.7															[illegible]	[illegible]	[illegible]	11
[illegible]	.[illegible]	[illegible].1	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	[illegible].7	.[illegible]															[illegible]	[illegible]	44	[illegible]
[illegible]	.4	1.[illegible]	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	.2																[illegible]	4	[illegible]	[illegible]
[illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible]																				[illegible]	[illegible]
[illegible]																					[illegible]
TOTAL	[illegible]	.2[illegible]	.[illegible]	4.[illegible]	1.[illegible]		.[illegible]												[illegible]1		[illegible]9
																		[illegible]		[illegible]9	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	[illegible]8	[illegible]3596	84.[illegible]	7.[illegible]35	[illegible]
Dry Bulb	[illegible]	[illegible]96	5[illegible]	5.[illegible]3	51[illegible]
Wet Bulb	[illegible]	[illegible]33	5[illegible].5	4.6[illegible]4	[illegible]
Dew Point	[illegible]	[illegible]9721	4[illegible].5	4.966	[illegible]

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT [illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] AAFB/ET LEWIS [illegible] | [illegible] | [illegible]
STATION | STATION NAME | YEARS | MONTH

[illegible] | [illegible]
HOURS [illegible]

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31														
/ [illegible]											.1																	1	2		
/ [illegible]								.1																				1	1		
[illegible] / [illegible]								.1	.1																			2	2		
/ [illegible]						.1			.1																			5	5		
/ [illegible]						.6	.2	.4	.2		.1																	10	10		
/ [illegible]					.1	.4	.2	.5	.1																			14	14		
/ [illegible]				.1	.3	.7	.1																					22	22		
/ [illegible]			.1	2.6	3.5	1.7	.1																					48	48		
/ [illegible]		.1	1.5	3.4	3.5	1.6		.1																				66	66	1	
/ [illegible]		.1	4.3	5.6	3.1	.4																						101	101	76	
/ [illegible]		3.	.5	5.2	1.4	.1																						123	123	127	5
/ [illegible]	.1	3.2	1.3	3.5	.4																							128	128	154	4
/ [illegible]	.4	4.4	3.5	2.6																								91	91	132	66
/ [illegible]	.1	1.7	3.4	.6																								60	60	156	152
/ [illegible]		.9	1.3	.1																								26	26	87	124
/ [illegible]		.5	.1																									6	6	6	36
/ [illegible]		.2																										2	2	15	122
/ [illegible]		.2																										2	2	2	66
/ [illegible]																														1	15
/ [illegible]																															2
/ [illegible]																															1
/ [illegible]																															4
[illegible]	.7	14.4	26.5	25.2	21.9	9.5	3.2	1.5	1.1	.4	.4																	61	1	51	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.	4236 [illegible]	[illegible]7636	71.1	13.215	81[illegible]							
Dry Bulb	[illegible] 4[illegible]7 8	49[illegible]4.7	61.1	[illegible].5 3	81[illegible]			14.4	3.7	.[illegible]		[illegible]
Wet Bulb	[illegible]51.444	4[illegible]55.4	55.6	3.476	81[illegible]							[illegible]
Dew Point	2127774	4[illegible]14[illegible].1	51.1	3.815	81[illegible]							[illegible]

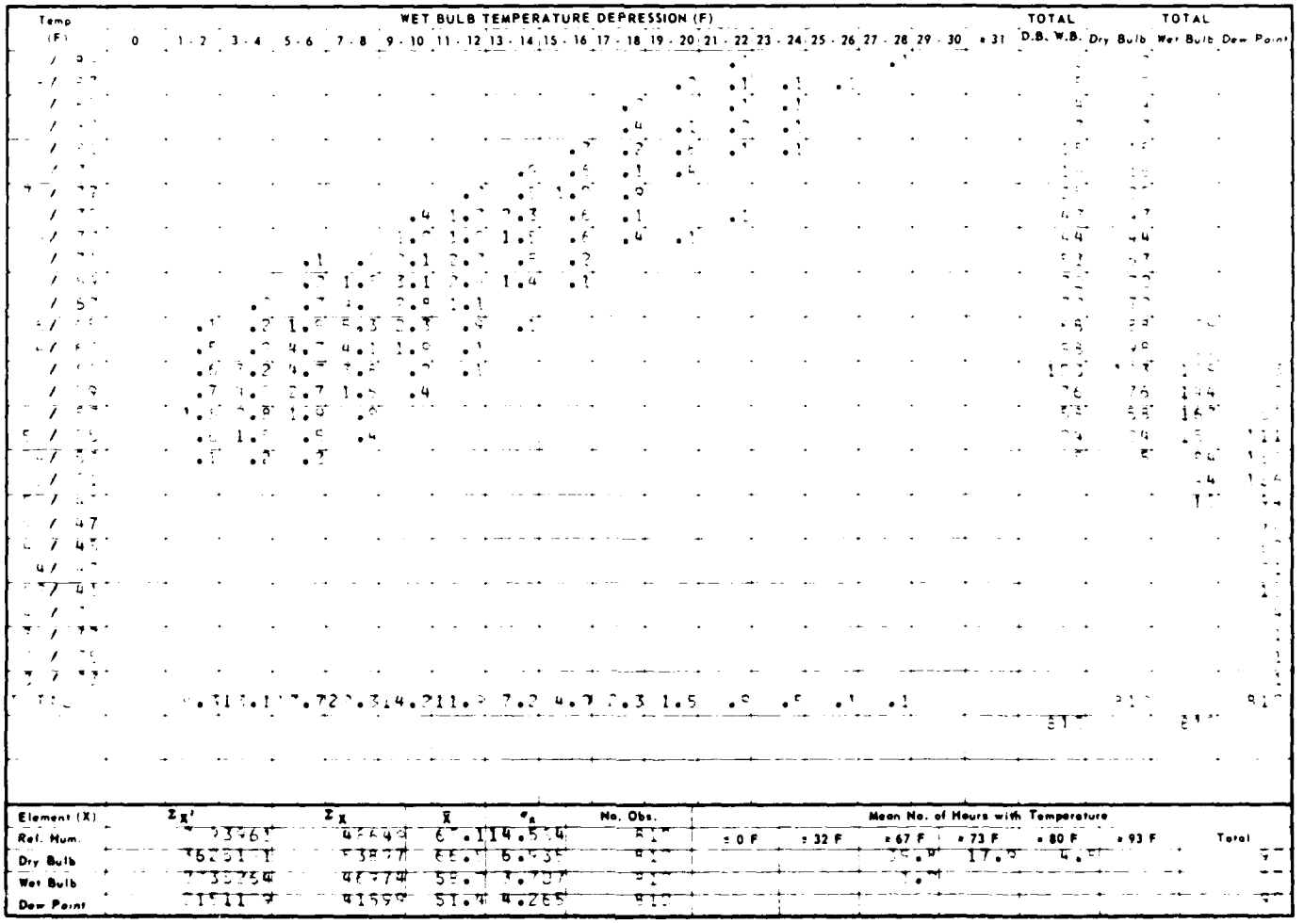
USAFETAC FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
AUG 64

...L CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

DATA ... HOURS ... S.T.



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

PSYCHROMETRIC SUMMARY

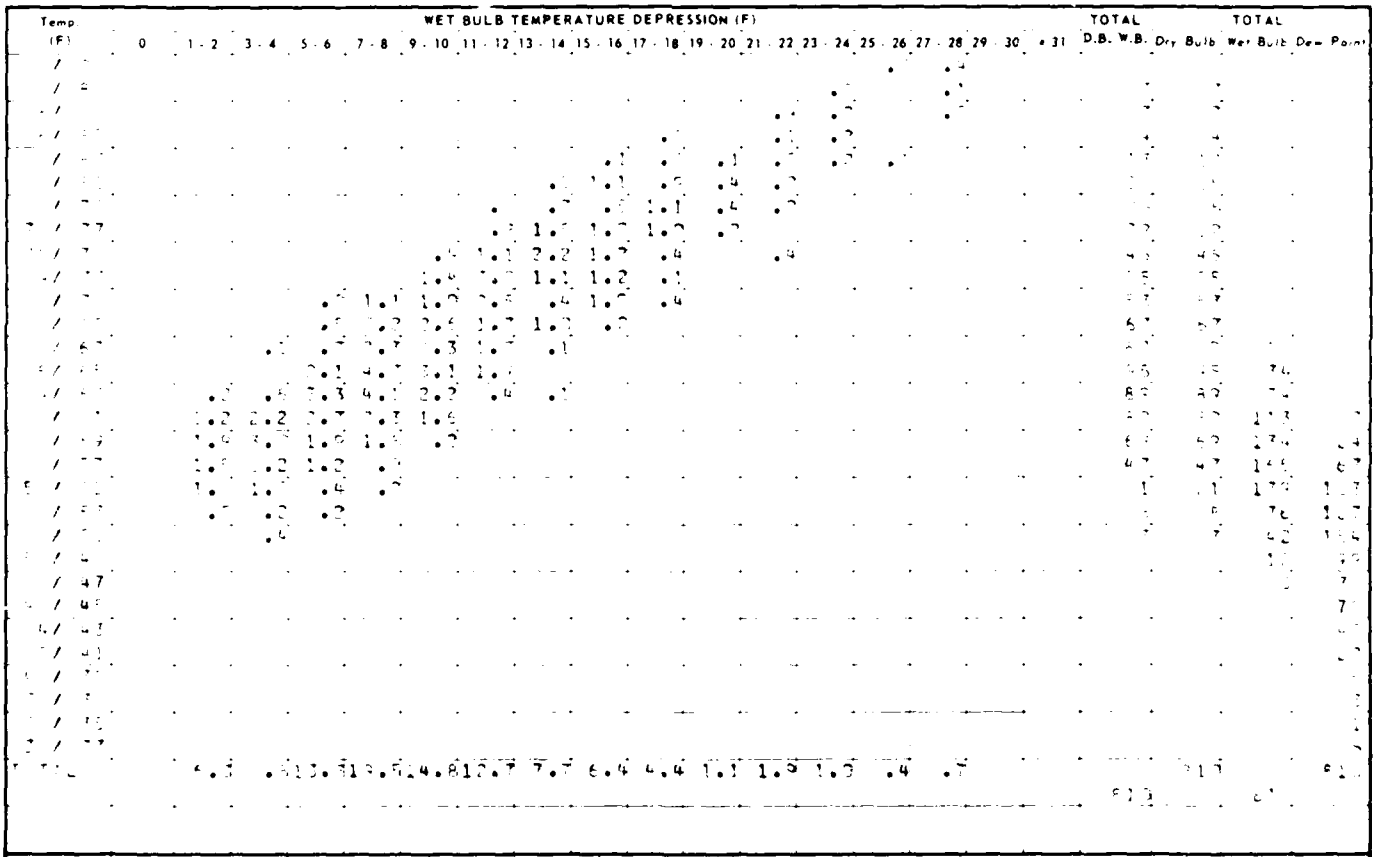
STATION

STATION NAME

YEARS

MONTH

HOURS



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

PSYCHROMETRIC SUMMARY

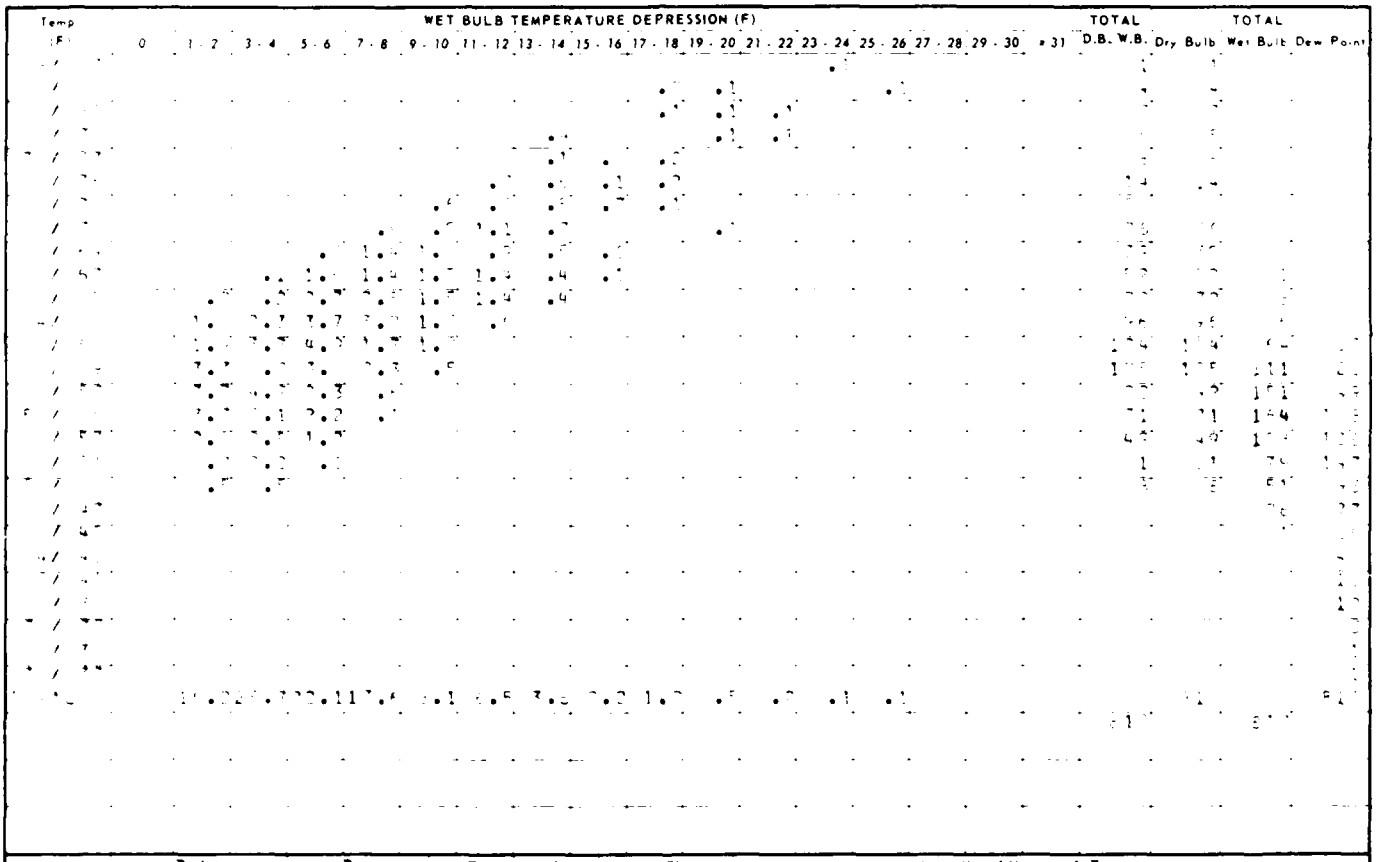
STATION

STATION NAME

YEARS

MONTH

HOURS



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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

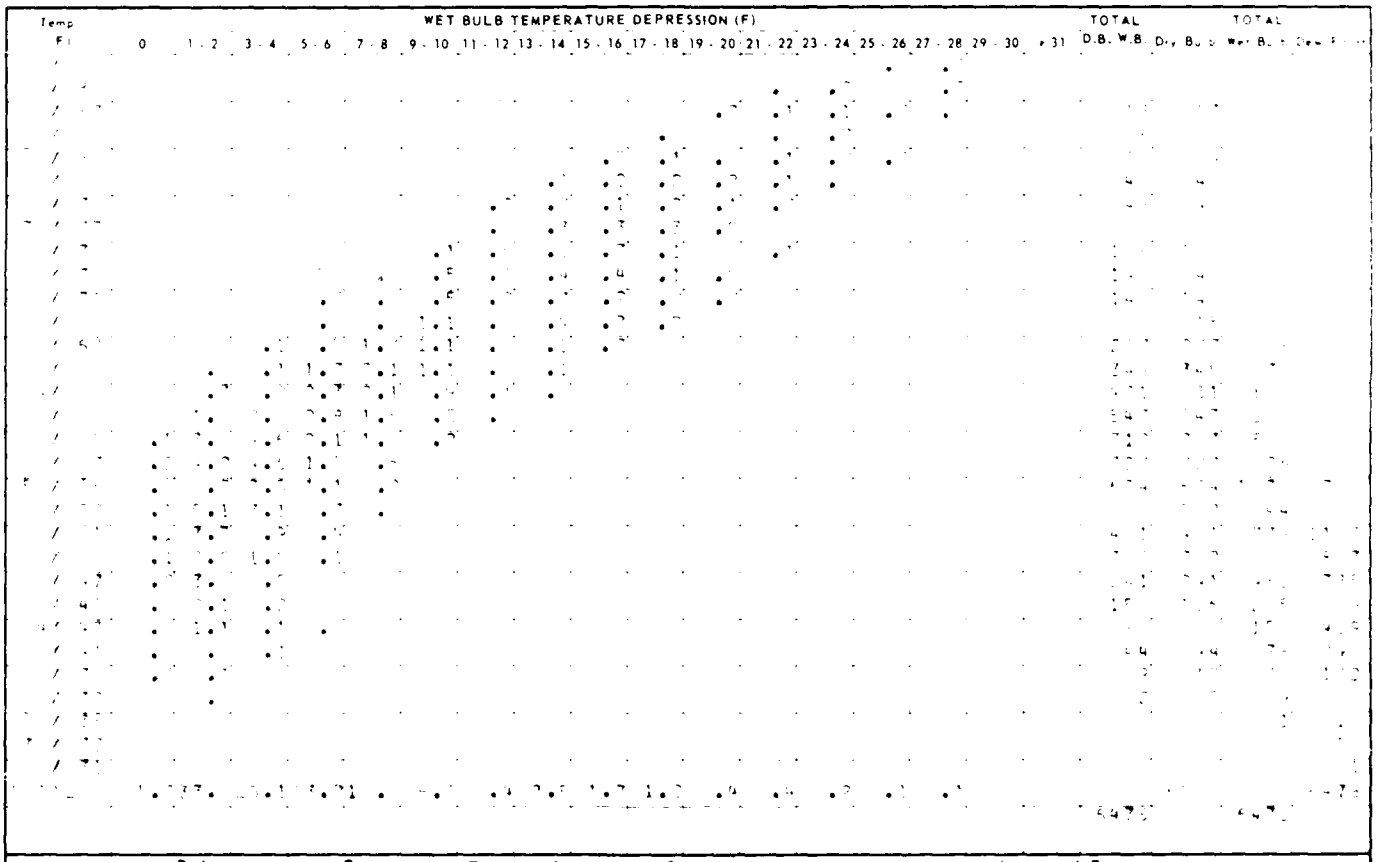
Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]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

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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			[illegible]	[illegible]			
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dew Point	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS



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)

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH

HOURS

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

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

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

PSYCHROMETRIC SUMMARY

[illegible]

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible]	[illegible]	[illegible]

HOURS (L.S.T.) [illegible]

WET BULB TEMPERATURE DEPRESSION (F)

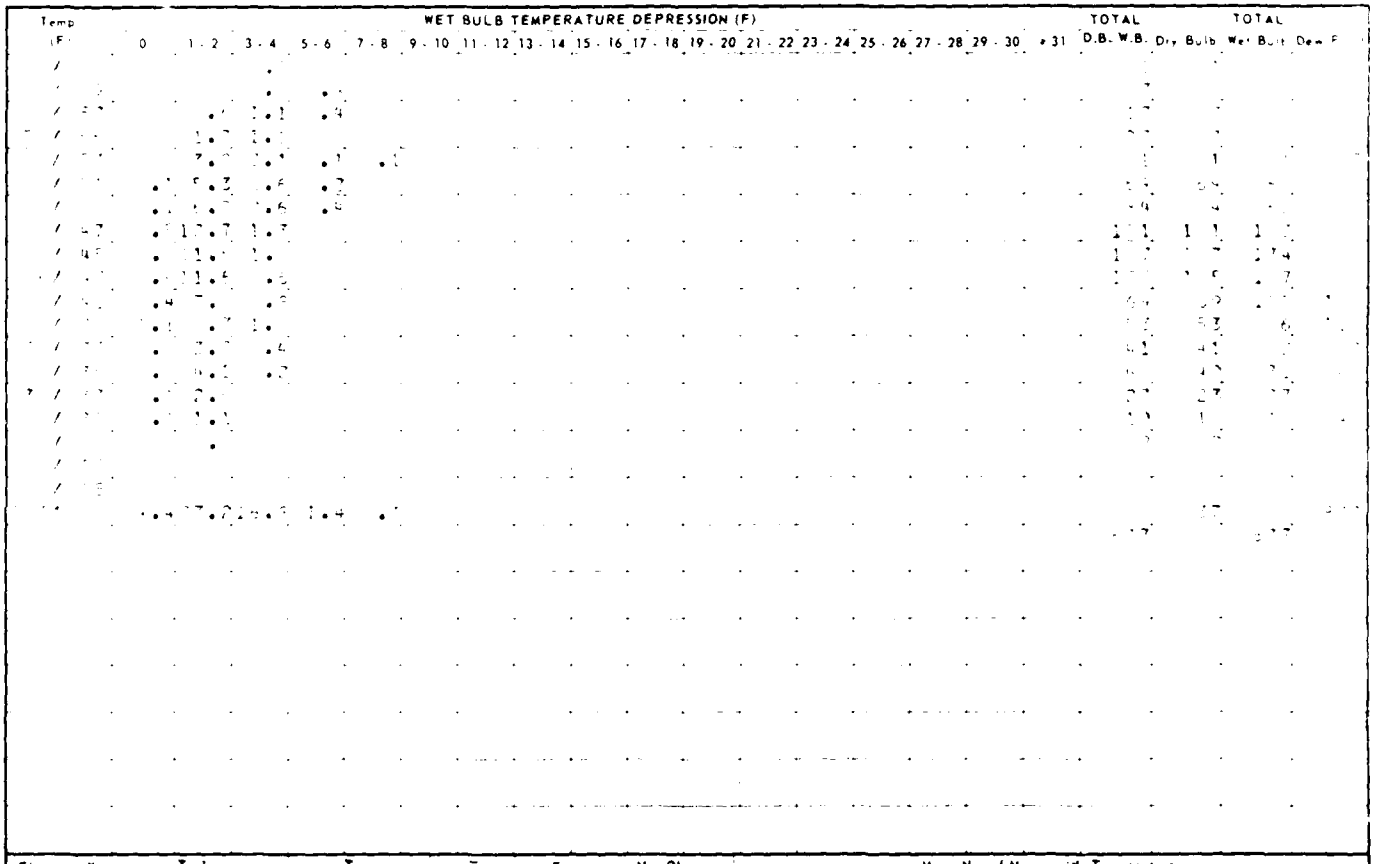
Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]												[illegible]	[illegible]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

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	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Wet Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					[illegible]
Dew Point	[illegible]	[illegible]	41.[illegible]	5.[illegible]	[illegible]		[illegible]					[illegible]

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOUR

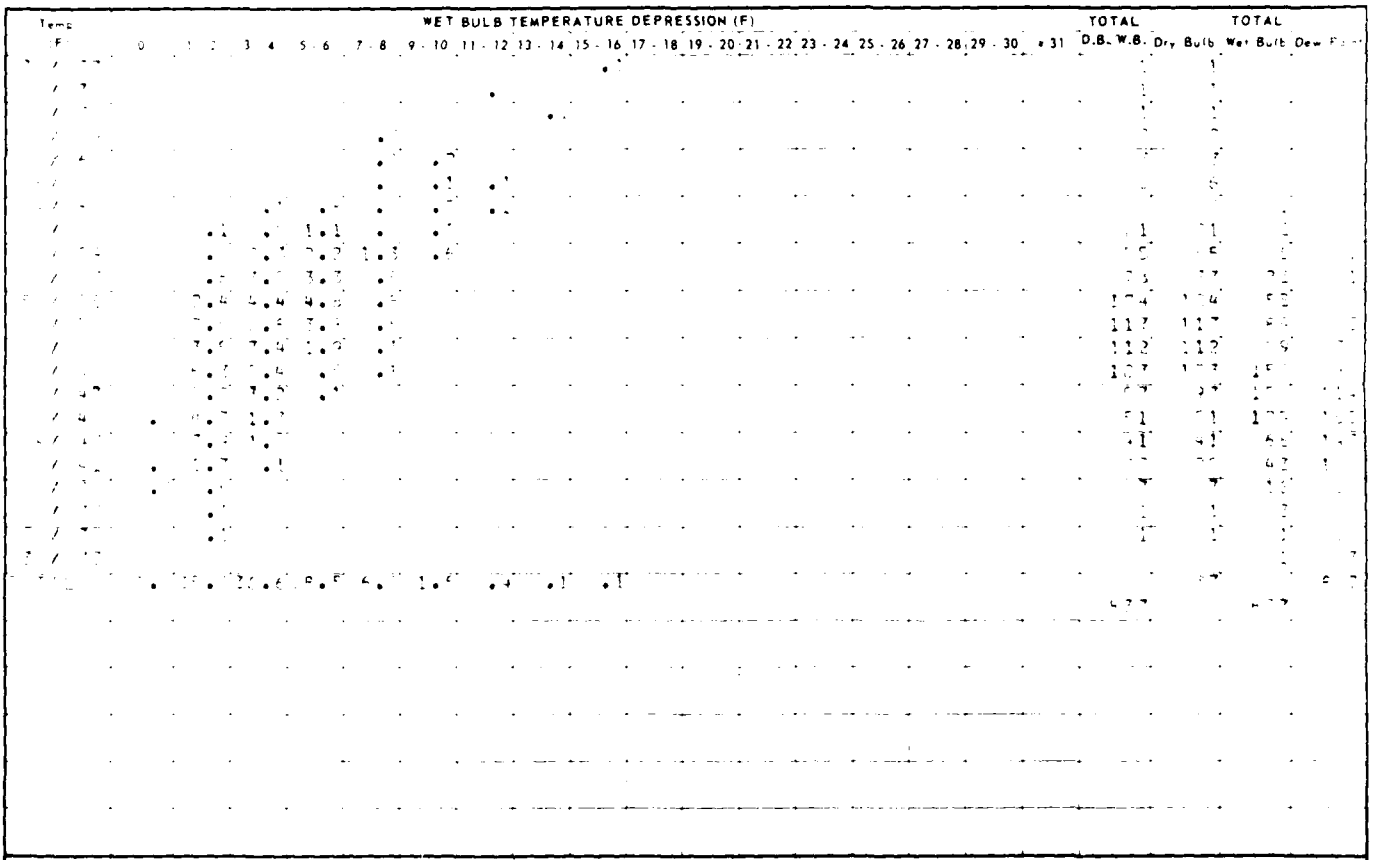


Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]		[illegible]					
Wet Bulb	[illegible]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

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | HOURS



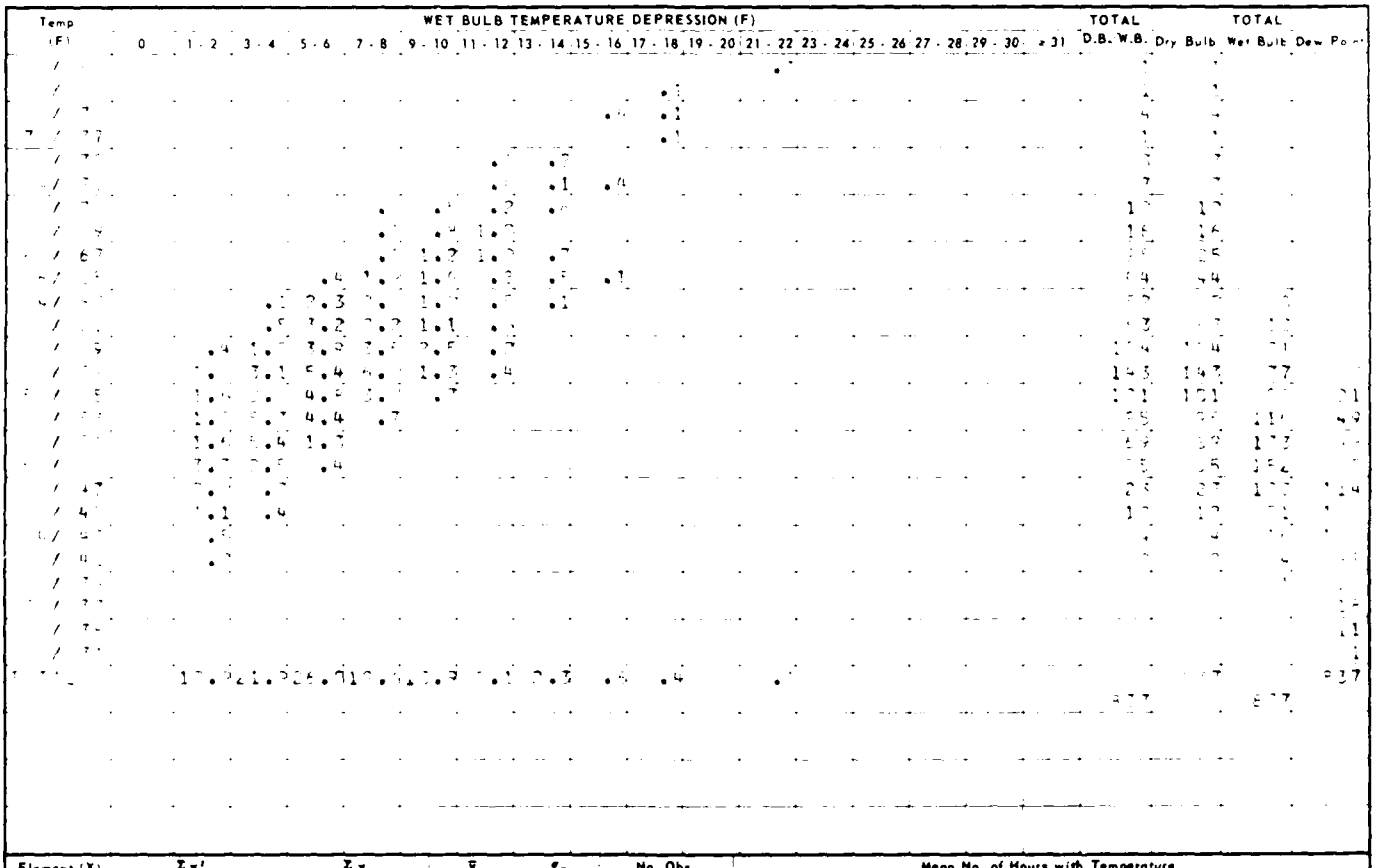
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



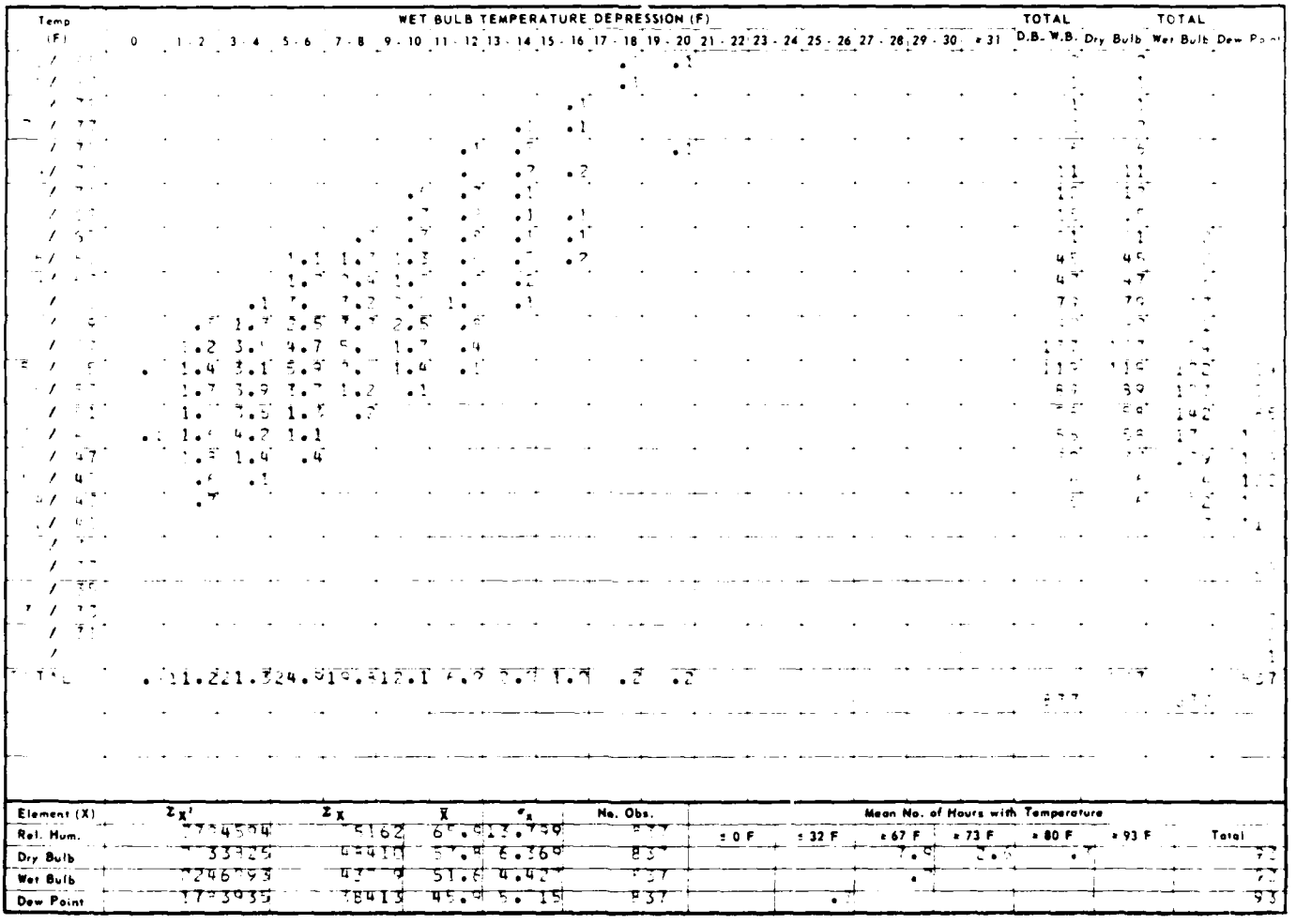
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS



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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 73-81 MONTH OCT

PAGE 1 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ /						.1												1	1		
/ /					.1	.1												2	2		
/ /				.1		.2												3	3		
/ /				.1	.1													4	4		
/ /			.2															4	4		
/ /		.1	1.0	1.4	.5	.1												7	7		
/ /		.2	1.5	1.9	.4	.1												12	12	5	
/ /		1.4	3.1	2.4	.4	.1												22	22	12	
/ /	.1	2.3	5.5	3.7	1.1	.1												35	35	41	
/ /	.1	3.1	7.0	3.2	.5													114	114	55	
/ /		5.4	5.4	1.6	.4	.1												134	134	1 5	
/ /		3.9	3.2	1.6														104	104	176	
/ 47		7.5	1.3	.5														99	99	179	1
/ 48		5.9	.3															65	53	179	11
/ 49		3.5	1.1															47	47	77	11
/ 41	.1	1.3	.2															11	11	46	1
/		.5																5	5	22	
/ 73		.4																7	7	4	
/ 75		.1																11	11	1	
/ 77																					
/ 79																					
/																					
TOTAL	.2	36.7	43.4	24.6	7.3	1.1												877	877	877	877

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.	52,22[illegible]9	46113	79.[illegible]	9.161	837							
Dry Bulb	226,[illegible]05	43275	51.7	5.295	837			.9	.1			93
Wet Bulb	198,884	40538	48.4	4.579	837							93
Dew Point	173291[illegible]	37965	45.2	4.884	837		.2					93

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

...AL CLIMATOLOGY BRANCH
...TAC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...AY AAF/FT LE...TO ...

STATION | STATION NAME | YEARS | MONTH

PAGE ... OF ...

HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...				•			•											3	7		
...		•																1	1		
...		•	.4	•														5	7		
...		•																1	1		
...		1.1	2.2	1.2	.1													7	3		
...		2.	3.	.6		.1												2	2	2	
...	.4	3.	2.4	1.														3	3	3	
...	.2	4.	5.	.6														16	16		
...		5.	4.	.7														11	11	9	
...	.1	1.6	1.	.4														11	11	135	
...		1	2.															112	112	134	
...		3	1.															21	21	115	
...	.4	7.8	1.															21	21	3	
...	.4	3.	.4															7	35	74	
...		•	.1															1	1	1	
...	.1	•																1	1	1	
...		•																4	4	1	
...																					
...																					
T...	1.	16.5	26.3	4.5	.1	.1	.1											577		577	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5.66...	...421	64.1	7.35	937							
Dry Bulb	1.55668	4235	45.1	5.419	937							
Wet Bulb	1777779	39314	42.0	5.	937							
Dew Point	15 4467	36783	43.5	5.286	937		1.					93

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

L HAL CLIMATOLOGY BRANCH
...ETAC
AT ...ATHER SERVICE /MAC

PSYCHROMETRIC SUMMARY

... 7... — ...AY AAF/FT LE... A... — STATION — STATION NAME — ...2-61 — YEARS — ... — MONTH

... — HOURS ... 5...

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ ...										.2	.2	.1									
/ ...										.2											
/ ...									.1	.2											
... / 77									.2	.2											
/ 7...						.2	.2	.1			.1							11	11		
/ ...						.2	.2	.1	.1									...	...		
/ ...					.2	.2	.2	.2	.2									...	...		
/ 6...				.2	.1	.3	.2	.1	.2									56	56		
... / 5...				.2	.1	.4	.2	.1	.2									2	2		
... / 5...			.1	.2	.2	.4	.2	.2										1...	1...		
/ ...			.1	1.2	1.4	1.1	.4	.1										...	...		
/ ...			.2	2.5	2.4	1.5	.4	.1										52...	...	1...	
/ 5...	.1	2....	3....	2.3	1.3	.5	.4											5...	56...	3...	
/ ...	.1	2.7	4.2	1.9	.4	.2												5...	5...	...	
/ ...	.1	4....	5....	2.6	.1	.2												...	...	...	
/ 4...	.1	5.7	3.9	.6	.1													...	...	...	
/ 47	.1	8.2	1.5	.2														...	3...	...	
... / 45	.2	7.1	1.2															...	...	...	
4/ 42	.1	6.6	.8															...	...	...	
/ 41	.2	4.5	.7															3...	3...	4...	
/ ...	.4	2.7	.4															2...	2...	3...	
/ ...	.2	1.3	.2															1...	1...	2...	
/ 35	.1	1.5	.1															11...	11...	1...	
... / 32	.1	.3	.1															...	...	1...	
/ ...		.1																2...	2...	...	
/ ...																		4	4	1...	
/ 2...																					
T TAL	1....	49.2	25....	11.6	6.2	3.2	1.6	.6	.2	.1	....	....							...		6696
																		6696		6696	

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.	...14121	5...544	7...112	...432	6696							
Dry Bulb	1...177.6	33...6...	5...6	7...629	6696		7...	1...6	4...0	...5		744
Wet Bulb	1...16.14...	31...141	47...2	5...913	6696		6...0	...3				744
Dew Point	13135934	2...236	43...9	5...55	6696		23...7					744

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	[illegible] LEWIS [illegible]	73-[illegible]	NOV

PAGE [illegible] — HOURS (L.S.T.) [illegible]

Temp (F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
/		.																[illegible]	[illegible]		
/ [illegible]		.[illegible]																[illegible]	[illegible]		
/ [illegible]		.[illegible]	.1	.[illegible]														[illegible]	[illegible]	[illegible]	
/ [illegible]		.1	1.2															.1	.1	[illegible]	
/ [illegible]		.1	1.[illegible]	.[illegible]														[illegible]	[illegible]	4	
/ [illegible]	.[illegible]	1.[illegible]	[illegible].3	.1														3[illegible]	76	[illegible]	[illegible]
/ [illegible]	.1	7.	3.[illegible]	.1														[illegible]	[illegible]	[illegible]	[illegible]
/ 47	.1	9.[illegible]	1.6															[illegible]	[illegible]	4	
/ 4		7.7	1.[illegible]	.2														76	[illegible]	77	
/ 4[illegible]		5.9	1.[illegible]															[illegible]3	[illegible]3	73	
/ 41	.4	7.[illegible]	1.[illegible]															[illegible]	75	77	[illegible]
/ [illegible]	.	[illegible].1	.[illegible]															7[illegible]	7[illegible]	[illegible]7	
/ [illegible]	.[illegible]	7.4	.1															[illegible]	[illegible]	66	[illegible]
/ 7[illegible]	.1	7.4	.1		.[illegible]													66	66	[illegible]	
/ 73	.[illegible]	[illegible].[illegible]			.[illegible]													[illegible]2	[illegible]	[illegible]	
/ [illegible]	.2	4.	.6	.6														44	44	34	[illegible]
/ [illegible]	.[illegible]	1.9																[illegible]	[illegible]	[illegible]	
/ [illegible]		.[illegible]																[illegible]	[illegible]	[illegible]	
/ [illegible]		[illegible]	.4															[illegible]	[illegible]	[illegible]	
/ 2[illegible]	.1	.[illegible]																[illegible]	[illegible]	[illegible]	
/ [illegible]			.[illegible]															[illegible]	[illegible]		[illegible]
/ [illegible]																					
/ [illegible]																					
/ [illegible]																					
/ 17																					
/ [illegible]																					
/																					
TOTAL	[illegible].6	[illegible].31	[illegible].[illegible]	2.[illegible]	.[illegible]													[illegible]	31[illegible]	[illegible]	31

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]72[illegible]14	[illegible]	[illegible]4.[illegible]	[illegible].[illegible]65	[illegible]1[illegible]							
Dry Bulb	14175[illegible]	[illegible]	41.1	7.744	[illegible]		1[illegible].[illegible]					9[illegible]
Wet Bulb	1[illegible]6124	[illegible]1[illegible]2[illegible]	39.[illegible]	7.498	[illegible]		15.1					9[illegible]
Dew Point	115211[illegible]	7977[illegible]	36.[illegible]	[illegible].455	[illegible]		24.[illegible]					9[illegible]

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

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible] WEATHER SERVICE [illegible]

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] AAF/FT LEWIS [illegible] STATION NAME | [illegible] YEARS | NOV MONTH

PAGE [illegible] | [illegible] HOURS (L.S.T.)

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]					.													[illegible]		[illegible]		
/ [illegible]				.[illegible]														[illegible]		[illegible]		
/ [illegible]		.	.[illegible]		.[illegible]	.1												[illegible]		[illegible]		
/ [illegible]		.6	.	.[illegible]														[illegible]		[illegible]	[illegible]	
/ [illegible]		1.	.[illegible]	.1														1[illegible]		14	[illegible]	
/ [illegible]		[illegible].1	[illegible].1	.1														[illegible]3		[illegible]	[illegible]	[illegible]
/ [illegible]	.1	1.2	[illegible]	.2														[illegible]		[illegible]	[illegible]	
/ [illegible]7	.[illegible]	[illegible].4	2.[illegible]	.1														[illegible]		[illegible]	44	[illegible]
/ 4[illegible]	.[illegible]	[illegible]	[illegible].7	.[illegible]														[illegible]6		76	[illegible]	
/ [illegible]	.[illegible]	7.7	1.9	.2														1		[illegible]	[illegible]	
/ 4[illegible]	.[illegible]	5.9	1.[illegible]															[illegible]		1	[illegible]	
/ [illegible]	.7	[illegible]	.[illegible]															[illegible]		[illegible]7	[illegible]	
/ [illegible]	.1	6.2	.4															4		[illegible]4	[illegible]	
/ [illegible]	.7	[illegible].1	.1		.1													[illegible]		[illegible]	[illegible]	
/ [illegible]	.6	6.4		.1														[illegible]		[illegible]	3	
/ [illegible]1	.[illegible]	[illegible].3	.5	.1														[illegible]		[illegible]	4[illegible]	[illegible]
/ [illegible]	.	[illegible].3	.1															[illegible]		[illegible]	[illegible]	[illegible]
/ [illegible]	.1	1.4																1[illegible]		1[illegible]	[illegible]	
/ [illegible]5	.[illegible]	1.[illegible]	.[illegible]															[illegible]		[illegible]	[illegible]	
/ 2[illegible]	.[illegible]	1.4	.2															[illegible]		[illegible]	[illegible]	[illegible]
/ [illegible]		1.[illegible]	.2															1		.1	[illegible]	[illegible]
/ [illegible]		.1																[illegible]		[illegible]	4	[illegible]
/ 1[illegible]																						
/ 1[illegible]																						
/ 1[illegible]																						
/ 11																						
/																						
/																						
[illegible]	.4	[illegible]	[illegible]	[illegible]	.	.1														[illegible]1[illegible]		[illegible]
																		[illegible]9			[illegible]9	

Element (X)	Σx²	Σx	x̄	σx	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	[illegible]4 [illegible]3[illegible]	[illegible]	6[illegible].1	[illegible].373	[illegible]							
Dry Bulb	137[illegible]789	[illegible]	4[illegible].5	[illegible].017	81[illegible]		1[illegible].4					[illegible]
Wet Bulb	125[illegible]811	71329	3[illegible].7	7.616	[illegible]9		19.[illegible]					9[illegible]
Dew Point	111[illegible]7	[illegible]9[illegible]	36.[illegible]	8.419	[illegible]		26.6					[illegible]

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

PSYCHROMETRIC SUMMARY

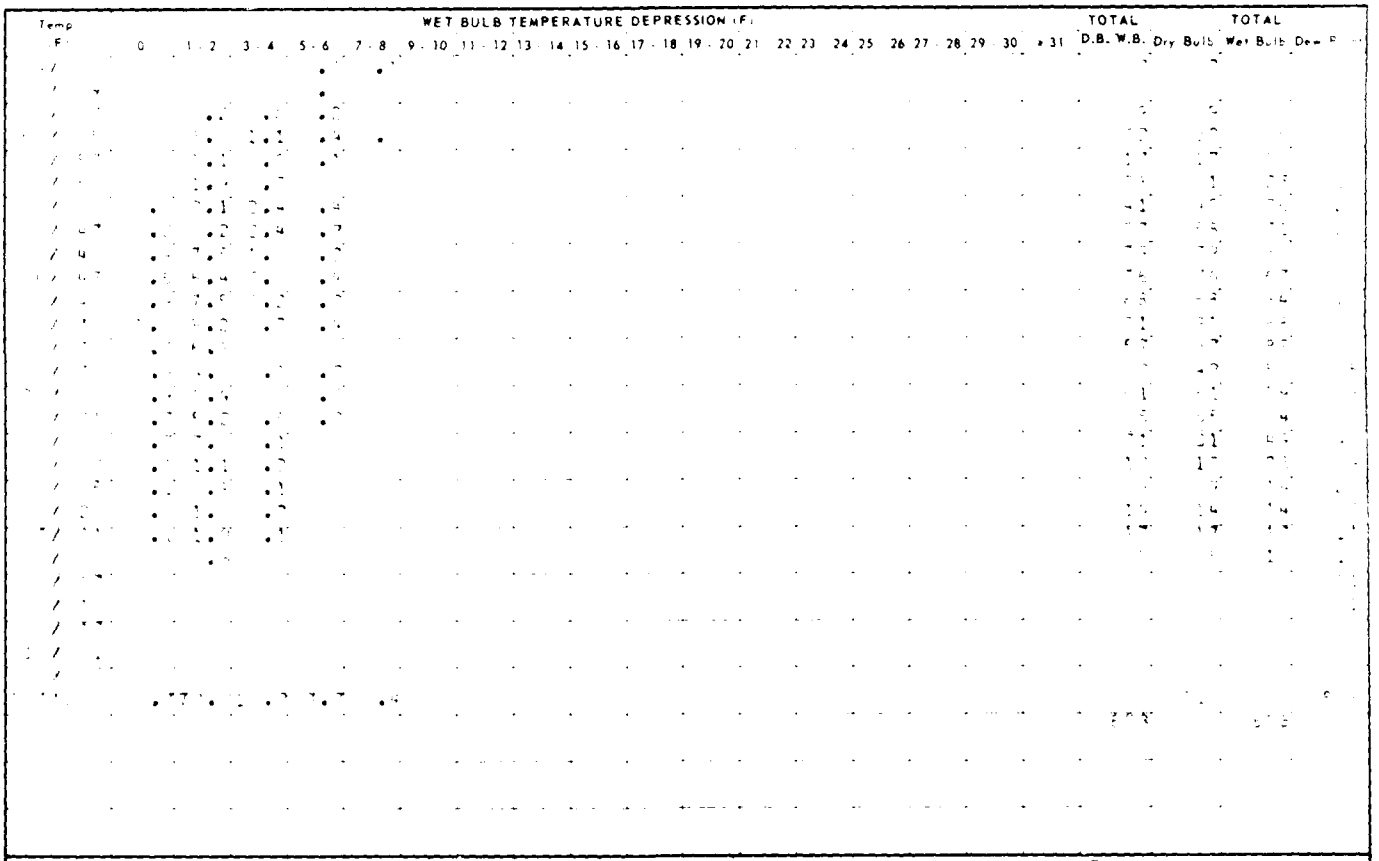
STATION

STATION NAME

YEARS

MONTH

HOURS



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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L.S.T.)

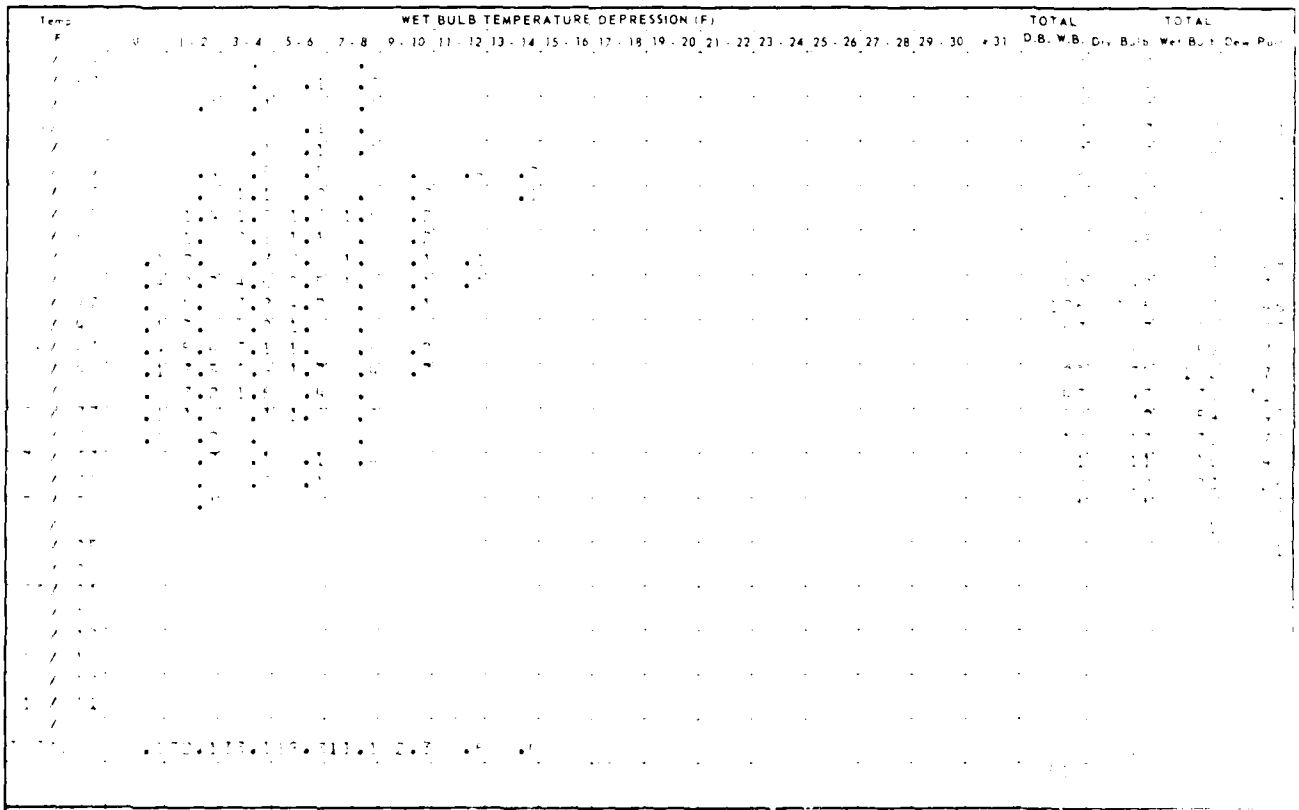
Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	TOTAL Wet Bulb	Dew P.
[illegible]																						

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.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							
Dry Bulb	[illegible]	[illegible]	47.[?]	7.47[?]	[illegible]		[illegible]					
Wet Bulb	1427666[?]	[illegible]	41.4[?]	7.13[?]	[illegible]		13.7[?]					
Dew Point	1233374[?]	[illegible]	[illegible]	[illegible]	[illegible]		13.[?]					

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

PSYCHROMETRIC SUMMARY

STATION STATION NAME YEARS MONTH



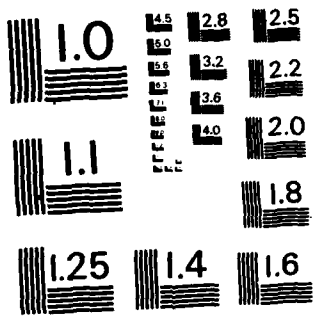
Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ° F			
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F
Rel. Hum										
Dry Bulb										
Wet Bulb										
Dew Point										

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

AD-A128 112 GRAY AAF/FORT LEWIS WASHINGTON REVISED UNIFORM SUMMARY OF SURFACE WEATHER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 14 DEC 82

UNCLASSIFIED USAFETAC/DS-82/062 SBI-AD-E850 382 F/G 4/2 NL





MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] | GRAY AAF/FT LEWIS WA | 73-81 | NOV
STATION | STATION NAME | YEARS | MONTH

 15[illegible]-17[illegible]
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
[illegible] / 7[illegible]					.1													1	1		
[illegible] / 59			.1	.1														2	2		
[illegible] / 67					.1													1	1		
[illegible] / 65			.4	.1	.5	.1												9	9	1	
[illegible] / 63			.4		.1													4	4	3	1
[illegible] / 61			.1	.4														4	4	3	1
[illegible] / 59		.4	.5	.1	.1	.1	.1											11	11	6	3
[illegible] / 57		.5	.6	.5	1.1	.4												25	25	9	5
5[illegible] / 55	.2	.7	1.7	1.4	.6	.2	.1											41	41	18	8
[illegible] / 53		1.2	3.3	1.5	.6	.2												56	56	16	8
[illegible] / 51	.1	2.8	5.3	2.1	.6	.1	.1											91	91	27	.7
5[illegible] / 49	.1	3.8	4.4	1.9	.5		.1											88	88	86	27
[illegible] / 47	.1	4.9	3.1	2.2	.2	.5												99	99	102	52
4[illegible] / 45	.2	5.7	4.9	1.4	.5	.4												106	106	98	82
[illegible] / 43		4.9	4.2	1.2	.2	.2												88	88	103	75
[illegible] / 41	.1	4.8	3.2	1.9	.6	.2												88	88	98	95
[illegible] / 39	.5	2.5	.9		.4													34	34	84	102
[illegible] / 37		2.[illegible]	.[illegible]	.4	.4													25	25	59	99
[illegible] / 35		1.4	.[illegible]	.5	.2													23	23	36	48
[illegible] / 33		.7	.1	.2	.2													11	11	20	53
[illegible] / 31		1.[illegible]	.1	.2	.1													12	12	18	33
[illegible] / 29																				14	24
[illegible] / 27																				9	17
[illegible] / 25																				1	8
[illegible] / 23																					1[illegible]
[illegible] / 21																					7
[illegible] / 19																					[illegible]
[illegible] / 17																					4
1[illegible] / 15																					5
[illegible] / 13																					6
1 / 11																					1
[illegible] / 9																					4
TOTAL	1.5	37.4	34.6	16.0	7.4	2.6	.5											810	81[illegible]	810	810

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.	4740350	60980	75.3	13.596	810							
Dry Bulb	1936454	38194	47.2	6.623	810		1.3	.4				90
Wet Bulb	1573551	35329	43.6	6.352	810		4.7					9[illegible]
Dew Point	1306408	31846	39.3	8.196	810		14.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74? ?? | GRAY AAF/FT LEWIS WA | 73-81 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 18?0-2?00 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				
?4/ 67		.1																1	1		
/ 61		.2	.2	.1														5	5	1	
/ 59		.5	.1	.4														8	8	4	1
/ 57		.4	.7	.2														11	11	5	4
5 / 55		1.1	.2	.2	.1													14	14	9	7
4/ 53	.4	1.5	1.4	.7														22	32	19	6
/ 51	.1	2.?	3.6	.7														52	52	??	15
/ 49	.2	4.6	3.5	.4														7?	7?	42	24
/ 47	.?	8.1	2.7	.2	.1													93	93	86	42
/ 45	.1	6.?	2.6	.1	.1													8?	8?	95	7?
4/ 43		8.6	3.?	.4														100	100	78	84
?2/ 41	.?	7.7	1.7	.7	.1													85	85	99	7?
/ 39	.?	5.7	2.?		.?													71	71	91	114
/ 37	.7	4.8	.6	.?	.2													54	54	71	8?
/ 35	1.?	3.7	.2	.2	.2													44	44	65	7?
3?/ 33		?.1	.1															26	26	35	53
/ 31	.?	2.2	.7	.4														29	29	29	49
/ ?9		?.1	1.	.1														26	26	?1	3?
/ 27		.7		.1														7	7	23	1?
/ 25		.2																2	2	14	19
?/ 23																				2	8
2/ 21																				1	10
/ 19																					13
/ 17																					8
1 / 15																					3
1?/ 13																					1
1 / 11																					1
1 / 9																					3
TOTAL	4.2	64.3	24.9	.4	1.2													81?	?1?	81?	81?

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.	5611843	66953	82.7	9.796	810							9?
Dry Bulb	1573824	35250	43.5	7.014	810		7.1					9?
Wet Bulb	1420276	33462	41.3	6.847	810		10.0					9?
Dew Point	1248703	31149	38.5	7.928	810		17.2					9?

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] GRAY AAF/FT LEWIS WA — STATION / STATION NAME
73-81 — YEARS
NOV — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 67		.2																2	2		
[illegible] / 61		.2																2	2	2	
[illegible] / 59		.4		.6														8	8	2	5
[illegible] / 57		.1	.1	.2														4	4	2	2
5 / 55		.1	.6	.2	.1													9	9	2	1
[illegible] / 53		2.5	1.[illegible]	.2														30	32	9	1
[illegible] / 51	.1	.9	3.3	.1														76	76	71	12
5 / 4[illegible]		4.3	3.2	.1														62	62	73	23
[illegible] / 47	.5	7.8	2.1															84	84	72	38
[illegible] / 45		7.5	1.6															74	74	93	79
[illegible] / 43	.1	6.7	2.3	.1														75	75	77	77
[illegible] / 41	.4	8.8	1.5															86	86	81	85
[illegible] / 39	.9	6.4	1.[illegible]															67	67	95	87
[illegible] / 37	.9	8.5	.2	.1	.2													81	81	70	87
[illegible] / 35	.1	5.4	.1	.4	.2													51	51	72	83
3 / 33	.5	4.9	.2	.1	.1													48	48	91	69
[illegible] / 31	.6	3.1	.7	.1														36	38	42	74
[illegible] / 29		1.4	.4	.2														16	16	26	26
[illegible] / 27		3.1	.2	.1														[illegible]	[illegible]	[illegible]	12
[illegible] / 25		1.[illegible]	.1															9	9	17	21
[illegible] / 23		.1																1	1	8	11
2 / 21																				[illegible]	[illegible]
[illegible] / 19		.1																1	1		22
[illegible] / 17																				[illegible]	[illegible]
1 / 15																					[illegible]
[illegible] / 13																					[illegible]
1 / 11																					5
/ 9																					1
[illegible] / 7																					[illegible]
TOTAL	4.1	73.5	19.9	2.8	.7																		
																		813	[illegible]	612			

Element (X)	Σ_R'	Σ_R	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5819082	68262	84.3	9.057	813							
Dry Bulb	1466174	33938	41.9	7.393	813		10.1					95
Wet Bulb	1336731	32387	40.[illegible]	7.186	810		14.2					90
Dew Point	1187418	30290	37.[illegible]	8.224	813		21.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible]70 — STATION
GRAY AAF/FT LEWIS WA — STATION NAME
73-81 — 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
[illegible] / 71					.1													1	1		
[illegible] / 69			.3	.0	.3													5	5		
6 / 67			.3	.0	.0													5	5		
6 / 65		.3	.1	.0	.1	.0												13	13	2	
4 / 63	.1	.1	.1	.1	.1													23	23	7	3
[illegible] / 61		.1	.1	.1	.1													18	18	12	3
[illegible] / 59		.3	.2	.3	.1	.0	.1	.0										65	65	19	12
[illegible] / 57		.5	.6	.4	.4	.1		.1										127	127	39	24
5 / 55	.1	.7	1.1	.6	.4	.1	.1											190	190	72	37
4 / 53	.1	1.6	1.6	.7	.2	.1												265	265	129	46
[illegible] / 51	.1	1.8	3.3	.7	.2	.3	.1											403	403	215	144
5 / 49	.2	3.3	3.3	.9	.2	.1	.1											511	512	385	206
[illegible] / 47	.3	6.1	2.6	1.1	.1	.1												662	663	562	309
4 / 45	.2	6.4	3.1	.6	.2	.1												672	672	721	520
4 / 43	.2	6.4	2.8	.4	.1	.1												649	649	625	567
2 / 41	.4	6.7	2.9	.6	.2	.1												653	654	743	656
[illegible] / 39	.7	6.1	1.1	.2	.1													534	534	708	694
3 / 37	.5	5.2	.3	.2	.1													418	418	543	699
[illegible] / 35	.5	3.8	.3	.2	.3													329	329	459	612
3 / 33	.4	3.8	.2	.1	.1													301	301	342	466
[illegible] / 31	.3	3.1	.5	.3	.1													271	271	276	445
[illegible] / 29	.3	1.5	.2	.1														131	131	227	269
[illegible] / 27	.1	1.2	.1	.1														89	89	148	187
[illegible] / 25	.	.9	.2															69	69	116	128
[illegible] / 23	.1	.4	.1															36	36	66	77
2 / 21	.1	.4	.1															32	32	35	88
[illegible] / 19		.1																8	8	19	106
1[illegible] / 17																				7	51
1[illegible] / 15																					49
1[illegible] / 13																					38
1[illegible] / 11																					24
[illegible] / 9																					10
[illegible] / 7																					5
[illegible] / 5																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

748270	SPRAY AAF/FT LEWIS WA	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb Dew Point
TOTAL	4.4	60.5	23.7	7.5	3.0	.7	.1	.1										6477	6477	6477

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.	4382938	527468	81.4	11.560	6477							
Dry Bulb	12525822	280300	43.3	7.868	6480		70.7	1.2				720
Wet Bulb	11152243	264503	40.8	7.359	6477		99.4					720
Dew Point	9656506	244176	37.7	8.348	6477		164.4					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] GRAY AAF/FT LEWIS WA 73-81 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]-[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57		.1	.1															2	2		
5 / 55		.4		.1														4	4	1	
[illegible] / 53		1.4	.9	.1														19	19	7	2
[illegible] / 51		3.4	.4	.1														22	33	11	12
[illegible] / 49		3.3	1.7	.2	.1													48	48	27	15
[illegible] / 47		5.5	.2	.1														48	48	38	27
[illegible] / 45		7.1	1.5															69	69	[illegible]	44
[illegible] / 43	.1	6.7	2.1	.5	.2													78	78	68	63
[illegible] / 41	.4	7.3	2.7															84	84	67	63
[illegible] / 39	1.6	5.7	1.1															68	68	85	77
[illegible] / 37	.6	7.9	1.1															78	78	96	63
[illegible] / 35	.4	5.7	.4															52	52	66	94
[illegible] / 33	.5	6.2	.4															82	82	71	57
[illegible] / 31	.2	6.9																58	58	8[illegible]	75
[illegible] / 29	1.2	3.8	.1															42	42	52	78
[illegible] / 27	1.2	2.3																29	29	4[illegible]	59
[illegible] / 25	.2	.5																6	6	16	39
[illegible] / 23		.4																3	3	6	16
[illegible] / 21		.1																1	1	1	11
[illegible] / 19																					6
[illegible] / 17																					3
1 / 15		.4																3	3	1	1
[illegible] / 13		.5																4	4	[illegible]	1
1 / 11	.2																	2	2	6	
[illegible] / 9																					3
[illegible] / 7																					2
[illegible] / 5																					1
[illegible] / 3																					1
[illegible] / 1																					2
TOTAL	6.[illegible]	78.9	12.7	1.2	.4														[illegible]12		912
																		612		612	

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.	5951521	[illegible]9271	85.3	7.203	812							
Dry Bulb	1[illegible]1432	32[illegible]86	39.5	7.568	812		17.0					93
Wet Bulb	12[illegible]5995	3[illegible]735	37.9	7.251	812		23.5					93
Dew Point	1[illegible]69271	28768	35.4	7.857	812		34.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible]70 | GRAY AAF/FT LEWIS WA | 73-81 | DEC
STATION | STATION NAME | YEARS | 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
5 / 55		.7	.4															7	7		
4 / 53		1.1	.5	.1	.1													14	14	5	
2 / 51		3.7	1.1	.1														40	47	14	7
9 / 49		4.7	1.9	.5														51	51	29	25
6 / 47		4.8	.7															45	45	43	36
6 / 45		5.3	.6															48	48	61	36
4 / 43	.2	5.9	2.2	.4														71	71	48	47
2 / 41	.4	8.2	2.3	.2														93	97	72	49
6 / 39	1.2	6.3	2.2															79	79	94	66
7 / 37	.5	7.7	.6															66	66	81	69
3 / 35	.1	4.8	.1															41	41	59	8[illegible]
3 / 33	1.7	9.4	.2															86	86	72	59
/ 31	.7	8.5																75	75	77	89
/ 29	1.4	4.3																46	46	65	77
7 / 27	.6	1.9																22	20	35	60
7 / 25	.5	1.1																13	13	19	33
1 / 23		.1																1	1	7	17
2 / 21		.7																6	6	7	13
1 / 19		.1																1	1	1	8
1 / 17																					7
1 / 15			.1															1	1		
1 / 11	.5	.2																6	6	5	
1 / 9		.2																2	2	4	
1 / 7																					4
/ 5																					1
1 / 3																					2
/ 1																					2
TOTAL	7.2	78.2	13.1	1.4	.1														809		809
																		809		809	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5934899	69091	85.4	6.518	809							
Dry Bulb	1290669	31679	39.2	7.880	809		19.7					93
Wet Bulb	1183311	30337	37.5	7.495	809		25.3					93
Dew Point	1048886	28408	35.1	7.971	809		36.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] | [illegible] AAF/FT LEWIS WA | 72-81 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | [illegible]-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
5 / 55			.5	.4															7	7		
4 / 53		.9	.4	.5															14	14		
7 / 51		4.1	.9		.1														41	41	19	2
5 / 49		3.7	1.6	.5															47	47	29	28
4 / 47		4.3	1.5	.4															50	50	41	34
4 / 45		5.0	.7																54	54	37	34
4 / 43		5.7	2.1		.1														64	64	51	48
7 / 41	.6	5.3	1.1	.4															60	60	46	37
1 / 39	1.2	8.5	3.1		.1														105	105	67	75
2 / 37	.4	7.9	1.3																75	75	56	67
1 / 35	.5	5.1	.7	.1															52	52	47	53
3 / 33	.4	7.2	.4																64	64	63	87
1 / 31	1.2	9.8																	89	89	76	79
1 / 29	2.3	2.8																	42	42	26	34
1 / 27	.4	1.3																	11	11	17	64
1 / 25	.6	1.2																	15	15	14	28
1 / 23	.3	.2																	4	4	12	9
2 / 21		.2																	2	2	2	13
1 / 19		.5																	4	4	4	12
1 / 17																					1	1
1 / 15																						4
1 / 13		.5																	4	4		1
1 / 11	.3	.2																	4	4	6	
1 / 9		.1																	1	1	3	
1 / 7																						5
1 / 5																						1
1 / 3																						2
1 / -																						1
TOTAL		5.3	5.3	14.7	2.2	.4														819		809
																			809		809	

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.	5898225	688[illegible]	85.1	7.266	809							
Dry Bulb	1291424	31710	39.1	7.865	810		20.3					93
Wet Bulb	1179686	30306	37.5	7.412	809		25.3					93
Dew Point	1040415	28311	35.0	7.843	809	.1	36.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74 070 — STATION
SPRAY AAF/FT LEWIS WA — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 59				•1														1	1		
/ 57			•1	•2	•1													5	5		
5 / 55		•1	•5	•4														9	9		
4 / 53		1.6	1.4	•1														25	25	6	
/ 51		3.1	1.6	•2	•1													40	43	29	5
/ 49		3.1	2.3	•6	•1													49	49	34	32
/ 47		5.1	2.1	•6														71	71	49	31
4 / 45		5.1	3.2															67	67	68	45
4 / 43		6.1	2.7	•1														72	72	71	63
2 / 41	•5	5.7	3.3	•1														78	78	81	63
4 / 39	•2	7.4	3.6	•2														93	93	79	77
2 / 37	•6	6.1	1.4															65	65	92	83
/ 35	•4	6.3	•7															60	63	74	80
3 / 33	•9	6.8	•7															68	68	76	77
/ 31	1.4	6.1	•1															61	62	71	96
/ 29	1.1	1.7		•1														23	23	47	79
/ 27	•3	•1																3	3	13	39
/ 25	•1	•6																6	6	7	25
/ 23		•1																1	1	2	6
2 / 21		•1	•1															2	2	1	3
/ 19		•4		•1														4	4	3	4
1 / 17		•3	•1															3	3	2	2
1 / 15			•1															1	1	3	1
/ 13		•1																1	1	1	
1 / 11																				2	2
/ 9																					5
/ -5																					1
/ -7																					1
/ -9																					1
TOTAL	•3	66.6	24.5	3.2	•4														817		809
																		809		809	

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.	5665406	67356	83.3	8.433	809							
Dry Bulb	1396181	33799	40.9	7.346	810		12.2					93
Wet Bulb	1259401	31429	38.8	6.895	809		17.4					93
Dew Point	1099994	29196	36.1	7.573	809	.3	30.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] / 72 — STATION
GRAY AAF/FT LEWIS WA — STATION NAME
73-81 — YEARS
DEC — MONTH

PAGE 1

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
47 / 62				.1	.1													2	2		
/ 59				.5														4	4		
[illegible] / 57			1.2	.1	.2													11	11	[illegible]	
52 / 55		.1	1.2	.2	.5													15	15	[illegible]	
[illegible] / 53		[illegible].0	1.0	.6	.1													35	35	14	1
[illegible] / 51		2.7	2.2	[illegible].0	.2													58	58	[illegible]7	12
[illegible] / 49		4.7	6.4	1.4	.2													103	103	[illegible]6	36
/ 47		3.7	3.8	1.5		.2												75	75	[illegible]2	29
[illegible] / 45		3.8	5.1	.9	.1													58	58	19	[illegible]4
47 / 43		5.1	4.1	1.6														67	67	[illegible]3	64
27 / 41		3.2	6.4	[illegible].0	.5													99	99	[illegible]7	77
[illegible] / [illegible]		5.1	3.5	.4	.1													73	73	89	85
[illegible] / [illegible]	.2	5.6	2.1	.1														65	65	[illegible]8	[illegible]3
[illegible] / [illegible]	.4	4.6	1.4	.4														54	54	[illegible]3	96
[illegible] / 33	.2	[illegible].5	.5															26	26	[illegible]	[illegible]7
[illegible] / 31	.1	.6																6	6	[illegible]1	[illegible]9
[illegible] / [illegible]				.4														3	3	4	34
[illegible] / 27				[illegible].2														2	2		22
[illegible] / 25			.2	.1	.1													3	3		14
[illegible] / 23																				3	7
27 / 21			.2	.1														3	3	[illegible]	[illegible]
/ 19		.1																1	1	4	1
/ 17																				[illegible]	[illegible]
[illegible] / 15																				1	
1 / 11																					4
/ [illegible]																					[illegible]
/ [illegible]																					[illegible]
/ [illegible]																					[illegible]
[illegible] / -7																					2
-1 / -13																					1
TOTAL	1.1	43.2	39.0	12.6	2.4	.2													[illegible]9		808
																		808		[illegible]8	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4395775	62479	77.8	11.270	808							
Dry Bulb	1600883	35599	44.1	6.342	808		[illegible].1					93
Wet Bulb	1396483	[illegible]3250	41.1	6.082	808		5.4					93
Dew Point	1173125	[illegible]3 167	37.3	7.618	808	.3	21.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-31 YEARS | DEC MONTH

PAGE 1 [illegible] 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-	Miss	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 67				.1														1	1		
[illegible] / 61			.1															1	1		
[illegible] / 59				.1														1	1		
[illegible] / 57		.1	.1	.2														4	4		
5 / [illegible]		.6	.7	.6	.2													13	13	[illegible]	
[illegible] / 53		2.5	.9	.5	.2													73	73	[illegible]	4
[illegible] / 51		1.9	1.7	1.2														39	39	76	14
[illegible] / [illegible]		4.7	4.4	1.7	.2													89	89	[illegible]	22
[illegible] / 47		4.5	3.[illegible]	1.5	.1	.2												[illegible]	[illegible]	76	34
[illegible] / 45		5.6	4.5	.4														84	84	[illegible]	49
[illegible] / 43		5.9	6.[illegible]	1.5														107	1.7	96	[illegible]
[illegible] / 41	.2	3.7	6.5	1.5	.4													93	93	96	87
[illegible] / [illegible]	.4	6.2	4.2	.6	.2													94	94	[illegible]	[illegible]
[illegible] / 37		5.2	1.7	.5														60	60	124	77
[illegible] / 35	.4	4.9	1.1	.4														54	54	68	100
3 / 33	.4	2.6	.5	.2														30	30	67	74
[illegible] / 31	.2	.6	.1															8	8	[illegible]	92
[illegible] / [illegible]				.1														1	1	[illegible]	39
[illegible] / 27				.2														2	2	1	18
[illegible] / 25				.4	.1													4	4		8
[illegible] / 23				.2														2	2	1	6
2 / 21		.2	.1															3	3	5	9
[illegible] / 19																				5	7
[illegible] / 17																				1	2
1 / [illegible]																					1
1 / 13																					1
1 / 11																					1
[illegible] / [illegible]																					5
[illegible] / [illegible]																					1
[illegible] / -5																					1
[illegible] / -7																					2
TOTAL	1.6	45.6	35.7	12.2	1.6	.2													803		803
																		803		803	

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.	5[illegible]9611	63161	78.7	11.255	803							
Dry Bulb	1552323	349[illegible]1	43.5	6.186	803		2.3					93
Wet Bulb	1363373	32729	40.8	6.054	803		5.7					93
Dew Point	1153259	29803	37.1	7.666	803	.3	21.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 72-81 YEARS | OCT MONTH

PASS [illegible] HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 87						.1												1	1		
85 / 85			.5	.2	.0													11	11		
[illegible] / 83			.6	1.[illegible]														[illegible]	[illegible]		
[illegible] / 81			1.1	1.[illegible]														23	23	[illegible]	13
[illegible] / 79			[illegible]	1.[illegible]														44	44	[illegible]	
[illegible] / 77			[illegible]	1.6	.2													[illegible]3	[illegible]3	[illegible]1	[illegible]
[illegible] / 75			[illegible].7	[illegible].5	.3													[illegible]6	[illegible]6	[illegible]1	[illegible]
[illegible] / 73			[illegible].1	[illegible].[illegible]	.4													[illegible]	[illegible]	[illegible]3	[illegible]
[illegible] / 71			[illegible].1	5.6	.4													[illegible]7	[illegible]	67	[illegible]
[illegible] / 69	.6	[illegible].4	[illegible].6	.2														103	1[illegible]3	[illegible]8	[illegible]
[illegible] / 67	.[illegible]	[illegible].1	.9	.1														[illegible]5	75	1[illegible]4	[illegible]
[illegible] / 65	1.[illegible]	5.2	[illegible].7	.1	.1													5[illegible]	[illegible]8	[illegible]9	[illegible]
[illegible] / 63	.5	[illegible].1	.4	.2														[illegible]4	[illegible]4	54	[illegible]
[illegible] / 61	.[illegible]	5.1	.2	.1														4[illegible]	4[illegible]	[illegible]	9
[illegible] / 59	.6	1.[illegible]	.1															[illegible]1	[illegible]1	[illegible]8	[illegible]
[illegible] / 57	.1	.4																4	4	[illegible]	[illegible]
[illegible] / 55			.4															3	3	[illegible]	[illegible]
[illegible] / 53																					
[illegible] / 51		.2																1	1	[illegible]	6
[illegible] / 49		.2																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 47		[illegible]	.1															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 45		.1	.1															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 43		[illegible]																1	1	[illegible]	4
[illegible] / 41																					
[illegible] / 39																					6
[illegible] / 37																					1
[illegible] / 35																					
TOTAL	[illegible].6	71.[illegible]	22.1	[illegible].[illegible]	.1	.1												[illegible]1		[illegible]01	
																		8[illegible]1		8[illegible]1	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]9348	66768	8[illegible].4	[illegible].697	801							
Dry Bulb	137 281	32461	4[illegible].5	6.939	801		9.9					93
Wet Bulb	124 989	[illegible]1 73	35.[illegible]	6.669	801		16.1					93
Dew Point	1[illegible]6394	28864	36.1	7.6[illegible]6	801	.5	28.[illegible]					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] / GRAY AAF/FT LEWIS WA / 73-81 / DEC

STATION / STATION NAME / YEARS / MONTH

PAGE [illegible] 2100-2700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57			.4															2	2		
5 / 55		.5																5	5		
[illegible] / 53		[illegible].1	1.1															26	26	[illegible]	
[illegible] / 51		1.[illegible]	1.6															31	31	17	12
5 / [illegible]		3.4	1.5															39	39	29	15
[illegible] / 47		6.7	1.[illegible]	.4														45	45	26	[illegible]
4 / 45		8.1	1.2	.2														77	77	35	44
[illegible] / 43		5.6	2.4		.4													67	67	33	53
[illegible] / 41	.2	4.7	2.2	.4	.1													62	62	56	68
[illegible] / 39	.6	7.5	2.[illegible]															81	81	66	81
[illegible] / 37	.6	8.7	.9	.1														83	83	39	50
[illegible] / 35	1.1	7.2	.9															74	74	57	97
[illegible] / 33	.6	7.4	.5	.1														69	69	77	78
[illegible] / 31	.2	5.[illegible]	.2	.2														54	54	67	76
[illegible] / [illegible]	.5	3.1	.4															40	40	47	9[illegible]
[illegible] / [illegible]	.5	1.5																16	16	33	41
[illegible] / 25		.5																5	5	13	29
[illegible] / 23		.1																1	1	4	16
2 / [illegible]	.1		.2															3	3	1	9
[illegible] / [illegible]		.[illegible]																1	1	2	[illegible]
[illegible] / 17		.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 15		.1																1	[illegible]	[illegible]	[illegible]
[illegible] / 13		.[illegible]																[illegible]	[illegible]	[illegible]	3
1 / 11		.4																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		.[illegible]																1	1	[illegible]	[illegible]
[illegible] / [illegible]																				1	5
[illegible] / [illegible]																				[illegible]	[illegible]
[illegible] / [illegible]																					1
[illegible] / [illegible]																					[illegible]
TOTAL	[illegible].675	.816.6	1.5	.[illegible]															[illegible] 1		9[illegible]1
																		801		801	

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.	5752779	67[illegible]53	84.3	8.340	801							
Dry Bulb	1[illegible]1.1[illegible]5	31831	39.7	7.514	801		15.[illegible]					93
Wet Bulb	1[illegible]94964	[illegible]392	37.9	7.230	801		20.5					93
Dew Point	1[illegible]51731	28301	35.3	8.052	801	.[illegible]	33.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 63				•	•													1	1		
/ 61			•															1	1		
/ 59				•														1	1		
/ 57		•	•	•	•	•												28	28	3	
55 / 55		•	•	•	•													76	76	5	
53 / 53		1.8	.9	.2	.1													130	130	26	7
51 / 51		2.6	1.4	.5	.1													294	294	169	76
49 / 49		3.9	2.7	.6	.1													470	470	296	188
/ 47		5.2	1.8	.6	•	.1												492	492	425	344
45 / 45		6.[illegible]	2.5	.2	•													563	563	561	361
43 / 43	•	5.8	2.9	.6	.1													606	606	552	464
41 / 41	.3	5.5	3.8	.6	.1													663	663	622	513
39 / 39	•	7.[illegible]	3.8	.2	.1													696	696	66[illegible]	593
37 / 37	.4	7.1	1.2	.1														567	567	6[illegible]6	576
35 / 35	•	5.5	.8	.1	•													445	445	5[illegible]6	7[illegible]7
33 / 33	.6	6.6	.4	.1														499	499	541	614
/ 31	.6	5.5	.1	•														399	4[illegible]9	495	587
[illegible] / [illegible]	•	2.2	.1	.1														219	219	348	547
[illegible] / 27	.4	.9		.1														57	57	1[illegible]8	342
/ 25	.2	.5	.1	.1	•													55	56	74	2[illegible]3
/ 23	•	.1		•														13	13	35	79
21 / 21	•	.2	.1	•														21	21	23	66
/ 19		•		•														13	13	19	44
/ 17		.1	•															8	8	6	21
15 / 15		.1	•															8	8	8	17
13 / 13		.2																12	12	6	10
11 / 11	.1	.1																15	15	23	7
/ 9		.1																4	4	1[illegible]	1[illegible]
/ 7																				1	24
/ 5																					6
/ 3																					12
/ 1																					5
/ -1																					3
- / -3																					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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
7[illegible] 077	FAY AAF/FT LEWIS WA	73-81	DEC

PAGE [illegible] 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 / -8																					
-5 / -6																					
-1 / -2																					
TOTAL	4	67	322	3	4	7	.7	.1										6454			6452
																		6452		6452	

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.	44897564	534926	82.9	9.214	6452							
Dry Bulb	11126627	263626	40.8	7.452	6454		98.4					744
Wet Bulb	10239231	250231	38.8	7.033	6452		139.3					744
Dew Point	8723073	231817	35.9	7.815	6452	1.8	240.9					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

74[illegible] 7[illegible] | GRAY AAF/FT LEWIS WA | 73-81 | ALL
STATION | STATION NAME | YEARS | 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				
[illegible] / 99														.[illegible]	.[illegible]			[illegible]	[illegible]		
[illegible] / 97													.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible]	[illegible]		
[illegible] / 95														.[illegible]	.[illegible]	.[illegible]		[illegible]1	[illegible]1		
[illegible] / 93												.[illegible]	.[illegible]	.[illegible]	.[illegible]			[illegible]6	[illegible]6		
[illegible] / 91											.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]			31	31		
[illegible] / 89										.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]			43	43		
[illegible] / 87									.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]			[illegible]4	[illegible]4		
[illegible] / 85								.[illegible]	.[illegible]	.[illegible]	.[illegible]1	.[illegible]	.[illegible]	.[illegible]				14[illegible]	14[illegible]		
[illegible] / 83								.[illegible]	.[illegible]1	.[illegible]1	.[illegible]1	.[illegible]	.[illegible]	.[illegible]				1[illegible]6	1[illegible]6		
[illegible] / 81							.[illegible]	.[illegible]	.[illegible]1	.[illegible]1	.[illegible]1	.[illegible]	.[illegible]					2[illegible]	2[illegible]		
[illegible] / 79						.[illegible]	.[illegible]	.[illegible]1	.[illegible]1	.[illegible]1	.[illegible]1	.[illegible]	.[illegible]					321	321		
7[illegible] / 77					.[illegible]	.[illegible]	.1	.2	.2	.1	.[illegible]	.[illegible]	.[illegible]					474	474		
[illegible] / 75					.[illegible]	.1	.2	.3	.1	.1	.[illegible]	.[illegible]						583	583		
[illegible] / 73				.[illegible]	.[illegible]	.2	.4	.2	.2	.[illegible]	.[illegible]	.[illegible]						768	768	4	
[illegible] / 71			.[illegible]	.[illegible]	.1	.3	.4	.2	.1	.[illegible]	.[illegible]							869	869	[illegible]9	
[illegible] / 69			.[illegible]	.1	.3	.5	.4	.2	.1	.[illegible]	.[illegible]							1139	1139	79	
[illegible] / 67			.[illegible]	.2	.5	.5	.4	.2	.1	.[illegible]								1453	1453	277	
6[illegible] / 65		.[illegible]	.1	.5	.[illegible]	.5	.3	.1	.1	.[illegible]								1913	1913	573	[illegible]
[illegible] / 63	.[illegible]	.1	.3	.[illegible]	.6	.5	.2	.1	.[illegible]	.[illegible]								2274	2274	981	22
[illegible] / 61	.[illegible]	.3	.[illegible]	1.1	.[illegible]	.4	.[illegible]	.1	.[illegible]									2972	2972	1638	172
[illegible] / 59	.[illegible]	.[illegible]	1.4	1.1	.[illegible]	.5	.2	.1	.[illegible]									3700	3701	2691	492
[illegible] / 57	.1	1.3	2.[illegible]	1.3	.[illegible]	.4	.2	.[illegible]										4728	4728	3852	1780
5[illegible] / 55	.1	1.6	2.1	1.4	.[illegible]	.3	.1	.[illegible]	.[illegible]									4652	4852	4994	2758
[illegible]4 / 53	.1	1.9	2.2	1.2	.[illegible]	.2	.1	.[illegible]										4793	4793	5374	4104
[illegible] / 51	.1	1.9	2.[illegible]	1.[illegible]	.[illegible]	.2	.[illegible]	.[illegible]										4945	4945	5548	5285
[illegible] / 49	.1	2.7	2.6	1.[illegible]	.4	.1	.[illegible]											5429	5431	5847	5381
[illegible] / 47	.1	[illegible].6	3.[illegible]	1.[illegible]	.2	.1	.[illegible]	.[illegible]										5512	5514	6336	5658
[illegible] / 45	.1	3.6	2.2	.5	.1	.[illegible]	.[illegible]											5165	5165	6510	6517
[illegible]7 / 43	.1	3.5	2.1	.4	.1	.[illegible]	.[illegible]											4900	4900	5663	6204
[illegible]2 / 41	.2	3.4	2.[illegible]	.3	.1	.[illegible]	.[illegible]											4780	4781	5788	6481
[illegible] / [illegible]	.4	3.1	1.3	.1	.1	.[illegible]	.[illegible]											3942	3943	5265	6184
3[illegible] / 37	.3	3.[illegible]	.6	.1	.[illegible]	.[illegible]												3220	3220	4614	5623
[illegible] / 35	.[illegible]	2.3	.4	.1	.[illegible]	.[illegible]												2557	2557	3473	5548
3[illegible] / 33	.2	2.1	.2	.1	.[illegible]	.[illegible]												2164	2164	2931	4390

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | GRAY AAF/FT LEWIS WA STATION NAME | 73-81 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	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 3	.3	1.[illegible]	.2	.1	.1	.0												1828	1829	[illegible]33	4395
[illegible] / [illegible]	.3	.7	.2	.3	.[illegible]													989	989	1656	2764
[illegible] / [illegible]	.[illegible]	.4	.1	.[illegible]	.[illegible]													479	479	[illegible]13	1412
[illegible] / 25	.1	.3	.1	.[illegible]	.[illegible]													354	355	543	924
[illegible] / 23	.[illegible]	.1	.[illegible]	.0														156	158	356	469
[illegible] / 21	.[illegible]	.1	.[illegible]	.[illegible]														150	150	221	461
[illegible] / 19	.	.1	.[illegible]	.[illegible]														113	113	173	472
[illegible] / 17		.1	.[illegible]															58	58	84	269
[illegible] / [illegible]		.[illegible]	.[illegible]															42	43	57	268
[illegible] / 13		.[illegible]	.[illegible]															47	47	43	188
1 / 11	.	.[illegible]																33	33	61	1[illegible]5
[illegible] / [illegible]		.[illegible]																13	13	26	75
[illegible] / 7		.[illegible]																7	7	11	69
[illegible] / [illegible]																				3	72
[illegible] / [illegible]																					75
[illegible] / [illegible]																					61
- / -[illegible]																					41
- / -7																					37
- / -5																					16
- / -7																					14
- / -9																					3
- /-11																					1
-1 /-13																					1
TOTAL	7.13[illegible]	.725	6.12.6	7.[illegible]	4.[illegible]	3.1	1.[illegible]	1.1	.6	.3	.2	.1	.1	.[illegible]	.[illegible]	.[illegible]		78525		78525	78515
																		78515		78515	

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.	45527[illegible]213	585[illegible]163	74.5	15.712	78515							
Dry Bulb	2[illegible]75831[illegible]5	3932665	5[illegible].1	11.633	78525		481.0	711.0	326.4	106.0	5.2	8760
Wet Bulb	171887251	36[illegible]1327	45.9	9.239	78515		678.6	43.1	.4			8760
Dew Point	142131686	3260524	41.5	9.259	78515	12.8	1392.6					8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74[illegible]C GRAY AAF/FT LEWIS WA 73-81

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]-01	MEAN	35.7	38.6	40.1	42.8	47.1	51.3	56.0	56.8	53.9	46.2	41.1	39.5	45.9
	S D	8.321	6.533	5.473	5.314	4.720	4.582	4.127	4.092	4.639	5.921	7.744	7.568	9.119
	TOTAL OBS	823	762	837	810	837	810	837	837	810	837	810	812	9822
[illegible]-04	MEAN	35.1	38.0	39.0	41.0	45.3	49.9	53.4	54.7	51.7	45.2	40.5	39.2	44.5
	S D	8.834	6.677	5.809	5.516	4.750	4.718	3.980	4.077	4.984	6.184	8.017	7.880	8.828
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	809	9818
[illegible]-07	MEAN	34.3	37.7	38.9	42.8	48.7	53.7	56.9	56.5	53.0	45.6	40.3	39.1	45.7
	S D	9.121	6.719	5.874	5.345	4.631	4.621	4.455	4.525	5.003	6.068	8.087	7.865	9.749
	TOTAL OBS	822	762	837	810	837	809	837	837	810	837	810	810	9818
[illegible]-10	MEAN	37.[illegible]	41.6	44.4	49.8	55.0	59.6	63.9	63.4	61.0	52.3	43.9	40.9	51.2
	S D	7.977	6.235	5.071	5.583	5.686	6.045	6.133	6.259	5.503	5.668	7.478	7.346	11.046
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	810	9819
13-14	MEAN	41.2	46.0	49.3	54.2	58.9	64.2	69.3	69.2	66.5	57.7	47.7	44.1	55.8
	S D	6.444	5.722	5.515	6.895	7.239	7.261	7.438	7.794	6.935	6.263	6.667	6.342	11.776
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	808	9817
[illegible]-17	MEAN	41.6	46.3	50.0	55.3	60.0	65.8	71.7	71.4	67.7	57.8	47.2	43.5	56.7
	S D	6.126	5.729	5.885	7.515	7.976	8.046	7.937	8.671	7.785	6.369	6.623	6.186	12.647
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	803	9812
[illegible]-20	MEAN	38.3	42.2	45.9	51.4	56.5	62.5	68.4	67.5	62.0	51.7	43.5	40.8	52.7
	S D	6.738	5.671	5.287	6.844	7.175	7.296	7.541	7.856	6.321	5.295	7.014	6.939	12.232
	TOTAL OBS	822	762	836	810	837	810	837	837	810	837	810	801	9809
21-23	MEAN	36.7	40.8	42.1	46.1	50.6	56.0	60.7	60.6	56.2	48.1	41.9	39.7	48.3
	S D	7.443	6.270	4.946	5.671	5.305	5.110	5.069	5.169	4.605	5.419	7.393	7.514	10.060
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	801	9810
ALL HOURS	MEAN	37.5	41.3	43.8	47.9	52.8	57.9	62.5	62.5	58.9	50.6	43.3	40.8	50.1
	S D	8.077	6.975	6.886	8.011	7.991	8.253	8.805	8.655	8.266	7.629	7.868	7.452	11.633
	TOTAL OBS	6577	6096	6695	6480	6696	6479	6696	6696	6480	6696	6480	6454	78525

USAFETAC FORM JUL 64 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74?270 GRAY AAF/FT LEWIS WA 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	34.3	36.2	37.8	40.3	44.2	48.6	52.4	53.6	50.9	44.2	39.3	37.9	43.4
	S D	8.309	6.228	5.275	4.717	4.297	3.947	3.652	3.494	4.344	5.462	7.498	7.251	8.482
	TOTAL OBS	823	762	837	810	837	810	837	836	810	837	810	812	9821
03-05	MEAN	33.6	36.4	36.9	38.9	42.9	47.3	50.7	52.2	49.5	43.4	38.7	37.3	42.4
	S D	8.723	6.345	5.546	5.063	4.469	4.271	3.710	3.791	4.749	5.851	7.618	7.495	8.381
	TOTAL OBS	822	762	837	810	837	810	837	837	809	837	809	809	9816
06-08	MEAN	33.2	36.2	36.9	40.2	45.4	49.8	53.0	53.5	50.6	43.8	38.5	37.5	43.3
	S D	8.976	6.372	5.571	4.763	4.086	3.756	3.483	3.717	4.604	5.715	7.696	7.412	8.935
	TOTAL OBS	822	762	837	810	837	809	836	837	809	837	808	809	9813
09-11	MEAN	35.1	39.1	41.0	44.5	48.9	53.0	56.7	57.3	55.8	48.8	41.4	38.8	46.8
	S D	7.908	5.796	4.580	4.145	4.191	4.114	3.858	3.696	3.476	4.419	7.120	6.895	9.062
	TOTAL OBS	821	762	837	810	837	810	837	837	810	837	810	809	9817
12-14	MEAN	38.1	41.9	43.3	46.8	50.7	55.2	59.2	59.9	58.0	51.7	43.9	41.1	49.2
	S D	6.884	5.230	4.479	4.645	4.616	4.428	4.201	4.075	3.707	4.185	6.325	6.082	8.870
	TOTAL OBS	822	762	837	810	837	810	837	837	813	837	810	808	9817
15-17	MEAN	38.3	42.0	43.5	47.1	51.0	55.8	60.1	60.5	58.3	51.6	43.6	40.8	49.5
	S D	6.691	5.195	4.566	4.631	4.564	4.664	4.171	4.145	3.959	4.427	6.352	6.054	9.100
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	803	9812
18-20	MEAN	36.2	39.5	41.4	45.1	49.3	54.2	58.3	59.0	55.9	48.4	41.3	38.8	47.4
	S D	7.113	5.448	4.700	4.624	4.480	4.350	4.115	3.999	3.896	4.579	6.847	6.669	9.318
	TOTAL OBS	822	762	836	810	837	810	837	837	810	837	810	801	9809
21-23	MEAN	34.9	37.9	39.3	42.3	46.4	51.0	55.2	55.9	52.8	45.8	40.0	37.9	45.0
	S D	7.542	5.958	4.863	4.539	4.237	3.836	3.695	3.611	4.002	5.002	7.186	7.230	8.807
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	801	9810
ALL HOURS	MEAN	35.4	38.7	40.0	43.2	47.4	51.8	55.7	56.5	53.9	47.2	40.8	38.8	45.9
	S D	8.018	6.227	5.570	5.502	5.208	5.118	5.041	4.841	5.224	5.913	7.359	7.033	9.239
	TOTAL OBS	6576	6096	6695	6480	6696	6479	6695	6695	6478	6696	6477	6452	78515

USAFETAC FORM JUL 64 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

74[illegible]0 GRAY AAF/FT LEWIS WA 73-81

STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	30.9	34.2	34.6	37.0	41.0	45.4	49.3	51.0	48.7	42.1	36.8	35.4	40.6
	S D	1 .443	7.212	6.330	5.028	4.677	4.380	4.121	3.816	4.811	5.627	8.455	7.857	9.054
	TOTAL OBS	823	762	837	810	837	810	837	836	810	837	810	812	9821
3-05	MEAN	30.5	33.8	33.8	36.1	40.2	44.6	48.3	50.0	47.6	41.4	36.2	35.1	39.9
	S D	10.624	7.196	6.221	5.354	4.880	4.660	4.128	4.095	5.124	6.062	8.419	7.971	9.030
	TOTAL OBS	822	762	837	810	837	810	837	837	809	837	809	809	9816
6-08	MEAN	30.2	33.7	33.9	37.0	41.8	46.3	49.8	51.1	48.5	41.8	36.0	35.0	40.5
	S D	10.815	7.062	6.134	5.007	4.498	4.219	3.688	3.824	4.866	5.942	8.428	7.840	9.324
	TOTAL OBS	822	762	837	810	837	809	836	837	809	837	808	809	9813
9-11	MEAN	31.7	35.7	36.2	38.5	42.7	47.2	51.0	52.7	51.1	45.5	38.2	36.1	42.3
	S D	10.203	6.940	5.920	4.809	4.756	4.659	3.990	3.531	3.815	4.345	8.205	7.573	9.120
	TOTAL OBS	821	762	837	810	837	810	837	837	810	837	810	809	9817
12-14	MEAN	33.1	36.6	36.0	38.7	42.7	47.5	51.6	53.1	51.4	46.2	39.3	37.3	42.8
	S D	1 .668	7.196	6.474	5.492	5.053	5.210	4.305	3.909	4.265	4.460	8.232	7.618	9.200
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	808	9817
15-17	MEAN	33.2	36.4	35.4	37.9	42.2	47.4	51.4	52.7	51.0	45.9	39.3	37.1	42.6
	S D	10.757	7.537	7.101	5.900	5.359	5.584	4.744	4.372	4.839	5.015	8.196	7.666	9.394
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	803	9812
18-20	MEAN	32.3	35.8	35.6	37.9	42.1	46.9	50.8	52.6	50.9	45.2	38.5	36.0	42.1
	S D	10.313	7.243	6.632	5.703	5.278	5.053	4.697	4.300	4.740	4.884	7.928	7.676	9.298
	TOTAL OBS	822	762	836	810	837	810	837	837	810	837	810	801	9809
21-23	MEAN	31.5	35.0	35.4	37.9	41.9	46.3	50.6	52.2	49.9	43.5	37.4	35.3	41.5
	S D	10.122	7.109	6.048	5.024	4.727	4.448	4.192	3.825	4.579	5.286	8.224	8.052	9.189
	TOTAL OBS	822	762	837	810	837	810	837	837	810	837	810	801	9810
ALL HOURS	MEAN	31.7	35.2	35.1	37.6	41.8	46.4	50.4	51.9	49.9	43.9	37.7	35.6	41.5
	S D	10.543	7.267	6.384	5.362	4.976	4.885	4.375	4.094	4.834	5.555	8.348	7.815	9.259
	TOTAL OBS	6576	6096	6695	6480	6696	6479	6695	6695	6478	6696	6477	6452	78515

AL CLIMATOLOGY BRANCH
TAC
FAT-FD SERVICE/MAC

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAPETAC FORM AUG 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM AIR 64 0-87-5 (OL A)

[illegible] CLIMATOLOGY BRANCH
[illegible] TAC
[illegible] WEATHER SERVICE/MAC

RELATIVE HUMIDITY

[illegible] | [illegible] | [illegible] | [illegible]
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAPETAC FORM AIR 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAPETAC FORM AM 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM AUG 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS							67.4					

USAPETAC FORM No. 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM 0-87-5 (OL A) JUL 64

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

[illegible] CLIMATOLOGY BRANCH
[illegible]
[illegible]

RELATIVE HUMIDITY

STATION [illegible] STATION NAME [illegible] PERIOD [illegible] 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%		
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
TOTALS		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAPETAC FORM AIR 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION _____ STATION NAME _____ PERIOD _____ MONTH _____

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
TOTALS												

USAPETAC FORM AUG 64 0-87-5 (OL A)

RELATIVE HUMIDITY

STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	LL											
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

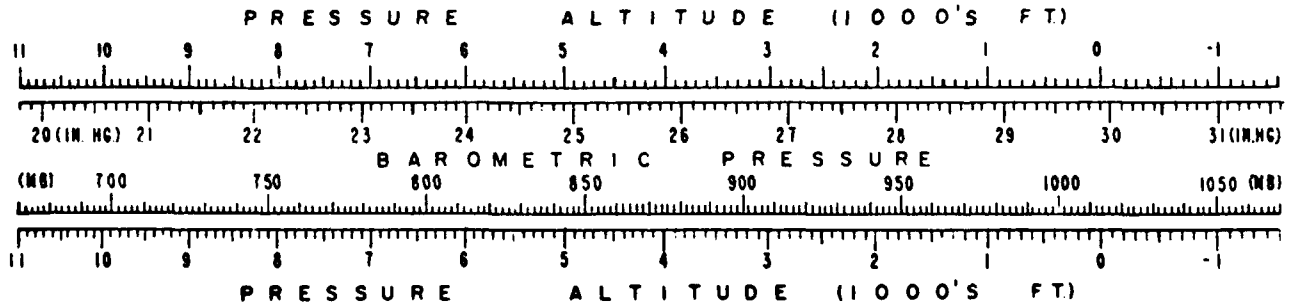
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]070	GRAY AAF/FT LEWIS WA	73-81

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.729	29.673	29.663	29.729	29.719	29.734	29.724	29.687	29.695	29.736	29.718	29.722	29.711
	S D	.281	.270	.221	.190	.156	.118	.102	.108	.149	.209	.249	.270	.204
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	269	3272
	MEAN	29.731	29.666	29.655	29.726	29.717	29.733	29.729	29.688	29.695	29.732	29.717	29.722	29.709
	S D	.279	.276	.226	.193	.161	.123	.103	.109	.152	.210	.252	.267	.206
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	270	3273
	MEAN	29.726	29.668	29.664	29.738	29.731	29.748	29.747	29.707	29.711	29.740	29.719	29.718	29.718
7	S D	.281	.276	.231	.194	.162	.127	.105	.111	.154	.215	.252	.269	.208
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	270	3273
	MEAN	29.748	29.686	29.680	29.745	29.731	29.748	29.748	29.710	29.721	29.752	29.736	29.742	29.729
	S D	.279	.276	.231	.193	.159	.125	.103	.110	.156	.217	.251	.274	.208
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	270	3273
	MEAN	29.725	29.670	29.664	29.727	29.718	29.734	29.735	29.694	29.703	29.731	29.718	29.726	29.712
12	S D	.273	.273	.225	.190	.154	.123	.104	.109	.151	.213	.248	.269	.204
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	269	3272
	MEAN	29.715	29.653	29.646	29.708	29.701	29.718	29.711	29.669	29.682	29.715	29.708	29.722	29.696
16	S D	.269	.269	.219	.183	.148	.121	.104	.109	.148	.204	.241	.266	.200
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	268	3271
	MEAN	29.717	29.657	29.649	29.707	29.697	29.712	29.701	29.659	29.680	29.720	29.707	29.725	29.694
19	S D	.269	.267	.217	.181	.146	.117	.103	.108	.145	.204	.245	.267	.199
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	267	3270
	MEAN	29.724	29.666	29.667	29.728	29.718	29.731	29.722	29.679	29.696	29.731	29.713	29.729	29.709
2	S D	.274	.268	.218	.182	.153	.117	.103	.109	.146	.205	.249	.272	.202
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	267	3270
	MEAN	29.727	29.667	29.661	29.726	29.717	29.732	29.727	29.686	29.698	29.732	29.717	29.726	29.710
ALL HOURS	S D	.275	.271	.223	.188	.155	.122	.104	.110	.150	.210	.248	.269	.204
	TOTAL OBS	2192	2032	2232	2160	2232	2160	2232	2232	2160	2232	2160	2150	26174

GLOBAL CLIMATOLOGY BRANCH
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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

[illegible] GRAY AAF/FT LEWIS WA 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	1 [illegible]	1016.5	1016.1	1018.4	1017.9	1018.4	1018.0	1016.7	1017.1	1018.5	1018.0	1019.2	1017.7
	S D	9.542	9.262	7.457	6.529	5.309	3.996	3.475	3.731	5.117	7.113	8.452	9.223	6.953
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	269	3272
	MEAN	1018.5	1016.2	1015.9	1018.2	1017.9	1018.4	1018.2	1016.8	1017.0	1018.4	1017.9	1018.2	1017.6
	S D	9.537	9.448	7.659	6.627	5.486	4.156	3.481	3.736	5.223	7.121	8.540	9.139	7.032
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	270	3273
	MEAN	1018.3	1016.4	1016.2	1018.7	1018.4	1018.9	1018.8	1017.4	1017.6	1018.6	1018.0	1018.1	1018.0
	S D	9.600	9.491	7.841	6.636	5.515	4.268	3.513	3.830	5.291	7.290	8.574	9.239	7.106
	TOTAL OBS	274	253	279	270	279	269	279	279	270	279	270	270	3271
	MEAN	1019.1	1016.9	1016.7	1018.9	1018.4	1018.9	1018.8	1017.5	1017.9	1019.1	1018.6	1018.8	1018.3
	S D	9.569	9.469	7.855	6.612	5.415	4.217	3.443	3.788	5.360	7.392	8.520	9.421	7.106
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	270	3273
	MEAN	1018.3	1016.4	1016.2	1018.3	1017.9	1018.4	1018.4	1017.0	1017.3	1018.4	1018.0	1018.3	1017.7
	S D	9.348	9.363	7.658	6.496	5.261	4.160	3.506	3.763	5.196	7.225	8.396	9.236	6.972
	TOTAL OBS	274	254	279	270	279	270	278	279	270	279	270	269	3271
	MEAN	1018.0	1015.8	1015.6	1017.7	1017.3	1017.8	1017.6	1016.1	1016.6	1017.8	1017.6	1018.1	1017.2
	S D	9.159	9.212	7.438	6.296	5.075	4.114	3.508	3.772	5.065	6.948	8.159	9.129	6.827
	TOTAL OBS	274	254	279	270	279	270	279	279	270	279	270	268	3271
	MEAN	1018.0	1016.0	1015.7	1017.6	1017.2	1017.6	1017.2	1015.8	1016.5	1018.0	1017.6	1018.3	1017.1
	S D	9.201	9.140	7.334	6.207	4.967	3.961	3.489	3.731	4.996	6.977	8.305	9.155	6.806
	TOTAL OBS	274	254	279	270	279	270	279	279	270	278	270	267	3269
	MEAN	1018.3	1016.3	1016.3	1018.3	1017.9	1018.3	1017.9	1016.5	1017.1	1018.3	1017.8	1018.4	1017.6
	S D	9.348	9.160	7.411	6.243	5.202	3.956	3.486	3.778	5.012	7.004	8.451	9.289	6.878
	TOTAL OBS	274	254	279	270	279	270	279	279	270	278	270	267	3269
ALL HOURS	MEAN	1018.4	1016.3	1016.1	1018.3	1017.9	1018.3	1018.1	1016.7	1017.1	1018.4	1017.9	1018.3	1017.7
	S D	9.405	9.308	7.580	6.461	5.288	4.118	3.521	3.801	5.168	7.134	8.417	9.217	6.969
	TOTAL OBS	2192	2031	2232	2160	2232	2159	2231	2232	2160	2230	2160	2150	26169

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