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Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FAIRCHILD AFB WA — WBAN# 24114
N 47 38 W 117 39 FLD ELEV 2462 FT SKA — WMO#

PARTS A-F
POR FROM HOURLY OBS: JUN 69 - MAY 79
POR FROM DAILY OBS; JUN 49 - MAY 79

TIME CONVERSION GMT TO LST: -8

DEC 2 1 1979

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FEDERAL BUILDING
ASHEVILLE, N. C.

AD A081 404

Review and Approval Statement

This report is approved for public release. These is no objection to unlimited distribution of this report to the public at large, or by DTIC to the National Technical Information Service (NTIS).

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

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27 FEB 1980

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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Fairchild AFB, Spokane, Washington
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

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

* Washington *Fairchild AFB, WA

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

NOTE:

COLD FOG DISSIPATION OPERATIONS WERE CONDUCTED AT FAIRCHILD AFB DURING THE WINTERS OF 1967-68 THROUGH 1973-74, BUT ARE NOT BELIEVED TO SIGNIFICANTLY ALTER THE STATISTICS PRESENTED.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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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	PART E	DAILY MAX, MIN, & MEAN TEMP
	ATMOSPHERIC PHENOMENA		EXTREME MAX & MIN TEMP
PART B	PRECIPITATION		PSYCHROMETRIC-DRY VS WET BULB
	SNOWFALL		MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)
	SNOW DEPTH		RELATIVE HUMIDITY
PART C	SURFACE WINDS		
PART D	CEILING VERSUS VISIBILITY	PART F	STATION PRESSURE
	SKYCOVER		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_____

574-38888

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
24114	FAIRCHILD AFB/SPOKANE WASHINGTON	N 47 38	W 117 39	2462	SKA	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Spokane Air Force Base	AFB	Jun 49	Feb 53	N 47 37	W 117 39	2430	2433 ft	24
2	Fairchild AFB	Same	Mar 53	Mar 54	Same	Same	2459	Same	24
3	Same	Same	Apr 54	Mar 58	Same	Same	2449	Same	24
4	Same	Same	Apr 58	Feb 59	Same	Same	2472	Same	24
5	Same	Same	Mar 59	Mar 67	Same	Same	2462	2437 ft.	24
6	Same	Same	Apr 67	May 79	N 47 38	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jun 49	N/A	Selsyn	N/A	N/A	
2	Mar 53	Located on top of control tower	Same	ML-144C	85 ft	
3	Mar 54	Same	Same	ML-144D	Same	
4	Apr 55	Located on roof of tower	Same	ML-144	96 ft	
5	Aug 57	Same	Same	Same	110 ft	
6	Apr 58	Located opposite touchdown rnwy 23	GMQ-11	RO-2	13 ft	
7	Mar 59	Located 700 ft from rnwy 05-23	Same	Same	15 ft	
8	Mar 60	Located 800 ft from rnwy 05-23	Same	Same	Same	
9	Apr 61	Located 850 ft from center of rnwy and 1500 ft from touchdown on rnwy 23	GMQ-11	RO-2	15 ft	

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	
10	Apr 62	Same	Same	Same	11 ft	
11	Apr 63	1. Located 850 ft from center of rnwy and 1500 ft from touchdown on rnwy 23	Same	Same	Same	
		2. Located 500 ft from center of rnwy and 1000 ft from touchdown on rnwy 05	Same	Same	Same	
12	Nov 66	1. Located 800 ft from centerline and 1800 ft SE of end of rnwy 23	Same	Same	13 ft	
		2. Located 500 ft from centerline and 1250 ft NE of rnwy 05	Same	Same	23 ft	
13	Jan 70	1. Located 1000 ft from centerline and 2200 ft SE of end of rnwy 23	GMQ-20	RO-362	13 ft	
		2. Located 500 ft from centerline and 1300 ft NE of end of rnwy 05	Same		23 ft	
14	May 79	1. Same	Same	Same	13 ft	
		2. Same	Same		23 ft	

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A

PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		4.8	1.7	16.2		22.[illegible]	29.2	.1	.3		29.6	930
	03-05		4.5	1.6	15.6		21.1	30.9		.3		31.2	930
	06-08		5.6	1.4	20.3		26.2	33.7		.3		33.9	930
	09-11		3.9	1.7	22.6		27.6	37.4		.4		37.7	930
	12-14		5.4	.5	19.8		24.9	31.6	.2	.1	.1	31.9	930
	15-17		5.6	.9	13.2		19.1	30.0	.1		.3	30.3	930
	18-20		5.2	1.5	13.9		19.6	27.5				27.5	930
	21-23		5.2	1.3	14.7		20.2	28.1				28.1	930
TOTALS			5.0	1.3	17.0		22.6	31.1	.1	.2	.1	31.3	7440

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02		7.3	1.2	10.8		18.4	21.6			.1	21.7	846
	03-05		7.8	1.2	11.3		19.5	23.8		.4		24.1	846
	06-08		7.6	1.4	15.0		23.5	28.7	.2	.4	.1	29.0	846
	09-11		6.3	.5	14.4		20.7	28.4	.7	.2	.1	28.8	846
	12-14		5.9	.4	11.2		16.8	18.8	.5	.1	.1	19.4	846
	15-17	.1	6.1	.5	6.5		12.5	11.3	.7		.4	12.2	846
	18-20		8.9	.9	6.9		15.8	13.4	.2		.5	13.8	846
	21-23	.1	8.5	.5	9.1		16.7	15.2	.1		.2	15.6	846
TOTALS		.0	7.3	.8	10.7		17.9	20.2	.3	.1	.2	20.6	6768

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24114 FAIRCHILD AFB WA 70-79 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		6.2	.1	4.2		10.1	6.5				6.5	930
	03-05		6.0	.1	6.1		11.5	10.5				10.5	930
	06-08		4.3	.1	6.2		10.5	13.2	.1		.1	13.3	930
	09-11	.1	5.5		5.8		11.0	9.1	.1			9.1	930
	12-14		8.5		5.3		12.7	4.4		.3	.2	4.9	930
	15-17		8.4		5.1		12.6	3.4		.2	1.1	4.7	930
	18-20		7.0		3.1		8.9	2.3			.5	2.8	930
	21-23		6.9		3.7		9.7	3.7			.1	3.8	930
TOTALS		.0	6.6	.0	4.9		10.9	6.6	.0	.1	.3	7.0	7440

GLOBAL CLIMATOLOGY BRANCH
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2

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02		5.8		1.7		7.2	2.0			.2	2.2	900
	03-05		5.7		1.4		7.0	4.3			.2	4.6	899
	06-08		7.1		1.6		8.5	8.0	.2			8.2	899
	09-11		7.2		1.4		7.9	2.2	.1		.2	2.6	900
	12-14		7.1		1.6	.1	8.4	.7			.1	.8	900
	15-17	.4	8.4		1.3		9.3	1.3			.4	1.8	900
	18-20	.7	7.0		.9		7.7	.9			.1	1.0	900
	21-23	.1	5.9		.8		6.3	.7			.3	1.0	900
TOTALS		.2	6.8		1.3	.0	7.8	2.5	.0		.2	2.8	7198

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02		6.1		.1		6.1	.3			.2	.5	930
	03-05		7.4				7.4	2.7				2.7	930
	06-08		8.0				8.0	3.8				3.8	930
	09-11	.1	9.4		.3		9.6	1.1				1.1	930
	12-14	.2	8.4		.3		8.5	.1				.1	930
	15-17	1.1	7.4		.4		7.5	.3			.5	.9	928
	18-20	.5	6.9		.1		6.9	.3			.8	1.1	927
	21-23	.1	5.6				5.6	.8			.3	1.1	926
TOTALS		.3	7.4		.2		7.5	1.2			.2	1.4	7431

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	00-02	1.1	5.4				5.4	.8			.3	1.1	900
	03-05	.4	6.0				6.0	1.4				1.4	900
	06-08	.1	6.7				6.7	1.9				1.9	900
	09-11	.2	6.8				6.8	.4				.4	900
	12-14	.4	5.7				5.7	.1				.1	900
	15-17	.4	4.0				4.0				.3	.3	900
	18-20	.6	4.2				4.2	.3			.6	.9	900
	21-23	.9	5.6				5.6	.2			.2	.4	900
TOTALS		.5	5.6				5.6	.6			.2	.8	7200

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	.3	3.9				3.9	.1			.2	.3	930
	03-05	.6	4.0				4.0	.9				.9	930
	06-08		3.7				3.7	1.3				1.3	929
	09-11		2.5				2.5	.9				.9	929
	12-14	.4	2.8				2.8	.2			.2	.4	930
	15-17	.9	1.6			.1	1.6				.3	.3	930
	18-20	.5	2.4				2.4	.1			.1	.2	930
	21-23	.5	4.4				4.4	.1				.1	930
TOTALS		.4	3.2			.0	3.2	.5			.1	.6	7438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.5	3.8				3.8	.3				.3	930
	03-05	.6	3.9				3.9	1.4				1.4	930
	06-08	.1	4.1				4.1	2.2	.1			2.3	930
	09-11	.2	3.1				3.1	1.4	.5		.1	2.0	930
	12-14	.2	2.4				2.4	.3			.2	.5	930
	15-17	.4	2.8				2.8	.2			.5	.8	929
	18-20	1.2	3.4				3.4		.1		.9	.9	930
	21-23	.8	3.1				3.1	.1	.2		.4	.6	930
TOTALS		.5	3.3				3.3	.7	.1		.3	1.1	7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		5.2				5.2	1.1	.3		.2	1.7	900
	03-05		4.7				4.7	3.1	.2			3.1	900
	06-08		4.8				4.8	6.2	.1			6.2	899
	09-11		5.4				5.4	3.1	.3		1.2	4.4	900
	12-14		5.7		.1		5.7	.8			3.2	4.0	900
	15-17		3.2		.1		3.3	.7	.2		1.9	2.6	900
	18-20	.1	3.7				3.7	.7	.3		1.0	2.0	900
	21-23	.2	3.8				3.8	.6	.2		.3	1.1	900
TOTALS		.0	4.6		.0		4.6	2.0	.2		1.0	3.1	7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		4.8		.5		5.4	6.1				6.1	930
	03-05		4.4		1.0		5.4	9.0				9.0	930
	06-08		5.4		.9		5.7	14.9	1.0		.1	15.4	930
	09-11		5.5		1.3		6.5	8.8	1.6		.2	10.1	930
	12-14		6.2		1.0		7.0	3.5	1.1		.1	4.2	930
	15-17	.2	5.4		.6		5.8	1.3	.4		.3	1.9	930
	18-20		4.4		.9		5.2	2.4				2.4	930
	21-23		4.5		1.0		5.5	4.2				4.2	930
TOTALS		.0	5.1		.9		5.8	6.3	.5		.1	6.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		8.3	.1	8.1		15.9	25.1	.2	.6		25.7	900
	03-05		10.1	.9	9.2		19.6	30.3	.1	.8		31.1	900
	06-08		9.6	1.3	9.6		19.8	36.2	.3	.4		36.7	900
	09-11		8.4	.8	9.9		18.4	32.0	1.2	.4		32.8	900
	12-14		10.3	.3	6.2		16.2	20.7	.8	.3		21.7	899
	15-17		10.9	.3	6.9		17.3	19.4	.2	.3		19.9	900
	18-20		8.3	.8	7.6		16.6	18.8		.4		19.2	899
	21-23		8.4	.6	7.1		15.7	20.1		.6		20.7	900
TOTALS			9.3	.6	8.1		17.4	25.3	.4	.5		26.0	7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		7.6	.6	15.9		23.3	28.0		.5		28.2	930
	03-05		7.2	.8	16.1		22.2	30.8	.1	.5		31.1	930
	06-08		9.2	1.1	15.7		24.9	35.3	.1	.1		35.3	930
	09-11		7.7	1.0	17.3		25.8	36.2	.3			36.2	930
	12-14		7.2	.2	12.7		19.4	26.0	.2	.2		26.2	930
	15-17		7.0	.2	11.5		18.1	23.8	.4			23.8	930
	18-20		7.4	.4	15.1		21.9	20.1				20.1	930
	21-23		7.0	.8	15.1		21.6	23.7		.6		24.0	930
TOTALS			7.5	.6	14.9		22.2	28.0	.1	.2		28.1	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

24114 FAIRCHILD AFB WA 69-79 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL		5.0	1.3	17.0		22.6	31.1	.1	.2	.1	31.3	7440
FEB		.0	7.3	.8	10.7		17.9	20.2	.3	.1	.2	20.6	6766
MAR		.0	6.6	.0	4.9		10.9	6.6	.0	.1	.3	7.0	7440
APR		.2	6.6		1.3	.0	7.8	2.5	.0		.2	2.8	7198
MAY		.3	7.4		.2		7.5	1.2			.2	1.4	7431
JUN		.5	5.6				5.6	.6			.2	.8	7200
JUL		.4	3.2			.0	3.2	.5			.1	.6	7438
AUG		.5	3.3				3.3	.7	.1		.3	1.1	7439
SEP		.0	4.6		.0		4.6	2.0	.2		1.0	3.1	7199
OCT		.0	5.1		.9		5.8	6.3	.5		.1	6.7	7440
NOV			9.3	.6	8.1		17.4	25.3	.4	.5		26.0	7198
DEC			7.5	.6	14.9		22.2	28.0	.1	.2		28.1	7440
TOTALS		.2	6.0	.3	4.8	.0	10.7	10.4	.1	.1	.2	10.8	87631

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.

DATA PROCESSING BRANCH
USAF ETAC
2 AIR WEATHER SERVICE/MAC

XXXXXXXXXXXXXXXXXXXXXXXXXXX
XX WEATHER CONDITIONS XX
ATMOSPHERIC PHENOMENA

24114 FAIRCHILD AFB WA 49-79 ALL

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY		32.3	9.4	58.7	.1	72.5	64.3	5.3	3.7		67.3	930
FEB		.4	36.8	3.8	42.4	.5	61.3	52.4	8.0	2.4		55.4	847
MAR		1.3	35.3	.9	33.0	1.8	53.1	27.0	3.4	1.1	.1	29.5	930
APR		2.2	41.3		16.2	1.6	46.8	13.6	1.6		.3	15.1	899
MAY		4.7	41.6	.1	3.7	1.9	42.3	10.9	.4		.2	11.5	929
JUN		9.0	37.6		.1	1.3	37.7	6.4	.4		.6	7.3	900
JUL		7.6	22.3			.3	22.3	2.3	.4		.6	3.3	930
AUG		8.4	26.4			.8	26.4	4.1	1.0		.1	4.8	929
SEP		2.3	27.7		.3	.7	27.7	8.5	3.2		.4	11.2	898
OCT		.6	37.9	.1	4.0	.5	37.5	30.1	10.3	.2		34.1	930
NOV		.2	43.4	2.8	27.6	.3	58.4	56.7	10.4	1.1		59.9	900
DEC			37.1	7.5	52.6	.1	70.4	67.1	4.8	2.6		69.1	930
TOTALS		3.1	34.9	2.0	19.9	.8	46.3	28.6	4.1	.9	.2	30.7	10952

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APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

Air Force Stations:		U. S. Navy and National Weather Service (USWB)	
Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 0030GMT
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT	Jun 57-present	at 1200GMT

2 DATA PROCESSING BRANCH
[illegible] FIAC
AI[illegible] WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

[illegible]4 FAIRCHILD AFB WA 49-79
STATION STATION NAME 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]	[illegible]5.6	4.2	11.9	8.6	11.3	8.4	2.5						46.9	930	2.35	5.26	.61
FEB	[illegible]	[illegible]2.8	4.5	12.4	5.8	11.2	4.3	1.2						39.2	847	1.41	3.56	.34
MAR	[illegible]	[illegible]1.4	3.8	9.1	5.6	8.8	3.2	1.2						31.7	93[illegible]	1.24	2.74	.12
APR	[illegible]	[illegible]2.3	3.8	7.7	3.9	6.2	3.1	1.[illegible]	.1					25.8	9[illegible]0	1.03	3.12	.[illegible]3
MAY	5[illegible].3	18.7	3.3	6.5	3.9	6.[illegible]	4.4	.6	.2					24.9	930	1.17	2.16	.13
JUN	[illegible] .2	[illegible]5.[illegible]	3.6	6.4	4.3	4.9	2.6	1.2	.1					22.1	900	1.02	2.49	.01
JUL	7.4	[illegible]1.5	1.9	3.0	1.7	1.9	1.9	.4	.1					11.1	930	.50	2.29	TRACE
AUG	[illegible].9	12.4	2.6	3.5	1.9	3.3	2.4	.8	.2					14.7	930	.77	2.92	.00
SEP	[illegible].2	11.[illegible]	2.6	4.8	2.9	3.8	2.3	.8						17.1	900	.71	1.62	TRACE
OCT	[illegible].8	12.3	2.2	8.5	4.4	5.9	2.9	1.5						25.4	930	1.12	2.84	TRACE
NOV	4 .8	19.2	3.0	10.7	8.0	8.9	7.[illegible]	2.2	.2					40.[illegible]	900	2.07	5.52	.28
DEC	[illegible].1	24.[illegible]	4.8	11.5	1[illegible].0	11.8	6.5	2.[illegible]	.2					46.9	930	2.18	4.56	.71
ANNUAL	52.9	18.2	3.3	8.[illegible]	5.1	7.[illegible]	4.1	1.3	.1					28.8	10957	15.57		

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

GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT.	NOV.	DEC	ALL MONTHS
49						.01	TRACE	TRACE	.53	.30	.36	.30	
50	.79	.75	.30	.37	.30	.80	.25	.45	TRACE	.57	.21	.28	.80
51	.28	.12	.35	.18	.17	.22	.15	.27	.20	.60	.42	1.02	1.02
52	.55	.21	.30	.16	.35	.55	.11	.55	.20	.06	.46	.69	.69
53	.83	.29	.20	.59	1.11	.20	TRACE	.59	.32	.10	.74	.76	1.11
54	.80	.38	.82	.06	.24	.20	.35	.44	.48	.46	.31	.34	.82
55	.25	.67	.20	.41	.15	.39	.17	TRACE	.38	.68	.79	.49	.79
56	.48	.34	.24	.02	.14	.25	.24	.34	.11	.76	.12	.18	.76
57	.30	.21	.21	.14	.46	1.00	.04	.01	.52	.55	.16	.40	1.00
58	.44	.69	.26	.46	.30	.46	.17	.06	.17	.28	.80	.50	.80
59	.66	.36	.40	.19	.51	.32	TRACE	1.05	.41	.32	.77	.40	1.05
60	.20	.46	.60	.36	1.13	.15	TRACE	.45	.58	.35	.95	.61	1.13
61	.61	.69	.34	.36	.57	.40	.37	.23	.08	.45	.42	.55	.69
62	.48	.44	.51	.85	.32	.42	.32	.35	.81	.55	.41	.40	.85
63	.52	.49	.29	.20	.43	.82	.18	.17	.51	.61	1.12	.55	1.12
64	.37	.31	.53	.20	.11	1.41	.47	.53	.44	.22	.44	1.15	1.41
65	.44	.34	.06	1.13	.44	.38	.67	1.36	.08	.03	.52	.38	1.36
66	.64	.08	.76	.26	.09	.31	.57	.08	.55	.18	.86	.70	.86
67	.65	.13	.67	.36	.47	.70	.08	TRACE	.48	.49	.25	.32	.70
68	.37	.56	.84	.03	.40	.50	.26	.57	.29	.73	1.23	.59	1.23
69	.72	.58	.28	.61	.31	.70	.05	.00	.25	.21	.46	.64	.72
70	.79	.86	.32	.42	.45	.94	.42	.03	.47	.96	.46	.41	.96
71	.64	.29	.71	.70	.49	.54	.30	.18	.30	.69	.32	.96	.96
72	.35	.24	.35	.37	.98	.32	.29	.48	.44	.11	.47	.56	.98
73	.55	.22	.40	.66	.79	.17	TRACE	.22	.85	.30	.93	.62	.93
74	.97	.46	.78	.18	.29	.14	.60	.02	.15	.05	.80	.42	.97
75	.46	.66	.33	.52	.51	.50	1.06	.27	.05	.78	.33	.51	1.06
76	.45	.49	.38	.38	.33	.73	.46	.60	.04	.35	.07	.26	.73
77	.18	.21	.39	.12	.27	.73	.08	.45	.46	.18	.58	.76	.76
78	.42	.38	.21	.65	.52	.57	.56	.94	.35	TRACE	.56	.16	.94
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB.	MAR	APR.	MAY	JUN	JUL	AUG	SEP.	OCT	NOV.	DEC	ALL MONTHS
79	.47	.33	.33	.38	.47								
MEAN	.522	.408	.412	.377	.437	.494	.274	.356	.350	.400	.544	.530	.938
S. D.	.199	.202	.209	.255	.265	.306	.249	.334	.217	.262	.294	.237	.194
TOTAL OBS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 STATION | FAIRCHILD AFB WA STATION NAME | 49-79 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG.	SEP.	OCT	NOV.	DEC.	ALL MONTHS
49						.01	TRACE	TRACE	1.19	1.00	1.68	.91	
50	3.51	1.58	1.52	.52	.43	1.86	.31	.45	TRACE	2.45	.93	1.25	14.81
51	1.89	.48	.89	.27	.50	.53	.43	.32	.40	2.47	1.22	3.27	12.67
52	3.37	1.14	.81	.27	.74	1.32	.11	.55	.48	.11	.80	3.07	12.77
53	4.03	.75	.92	1.23	1.91	.76	TRACE	1.78	.52	.20	1.98	2.17	16.25
54	4.51	1.07	1.37	.23	.65	.47	.60	1.34	1.62	.57	1.22	1.20	14.85
55	1.19	1.31	.57	1.19	.32	.60	.72	TRACE	.87	1.70	3.15	2.33	13.95
56	2.71	1.76	.95	.03	.28	.62	.31	.93	.14	1.51	.28	.71	10.23
57	1.68	.61	1.08	.35	1.38	1.85	.06	.03	.70	1.77	.76	1.23	11.50
58	1.78	2.76	.95	1.66	.73	.84	.35	.06	.33	.76	3.35	1.69	15.26
59	4.02	1.73	.83	.56	1.82	.40	TRACE	1.26	1.40	1.20	2.42	1.09	16.73
60	.87	1.46	2.15	1.51	2.11	.17	TRACE	.79	.88	1.08	4.00	1.22	16.24
61	1.78	3.56	1.53	.99	1.37	.98	.37	.47	.14	1.13	1.48	2.17	15.97
62	.98	1.53	2.06	1.07	2.02	.65	.49	.78	1.01	1.68	2.52	1.36	16.15
63	.62	1.67	.80	1.11	.96	1.06	.26	.57	.91	1.08	2.68	2.23	13.95
64	2.26	.78	1.35	.32	.13	2.49	.59	1.37	.64	.32	2.23	4.55	17.03
65	2.53	.75	.12	2.25	1.53	.44	.90	2.92	.31	.08	2.64	1.63	16.10
66	1.58	.36	2.64	.36	.34	.90	1.05	.23	.56	.47	3.27	3.28	15.04
67	2.63	.44	1.67	1.87	1.43	2.00	.08	TRACE	.61	1.78	.91	1.78	15.20
68	1.46	2.54	.99	.08	.90	1.11	.31	1.84	1.01	2.80	3.19	3.06	19.29
69	5.26	1.42	.52	3.12	.85	1.35	.08	.00	.77	.57	.62	3.13	17.69
70	4.47	1.98	1.07	1.61	.97	1.78	1.02	.03	.55	2.84	2.08	2.08	20.48
71	1.98	.97	2.29	1.57	1.64	1.62	.46	.48	1.31	1.22	1.92	3.07	18.53
72	2.05	1.13	1.31	1.23	1.99	1.45	.45	1.44	.72	.25	1.08	2.34	15.44
73	2.19	.55	1.09	.85	1.53	.59	TRACE	.35	1.42	1.40	6.52	4.56	21.05
74	4.07	1.84	2.74	.72	1.17	.31	1.19	.03	.15	.08	2.99	2.35	17.64
75	2.20	3.06	1.47	1.65	1.17	1.45	2.29	.60	.05	1.98	1.57	1.58	19.07
76	1.16	1.20	.75	.92	1.00	1.08	.70	1.89	.04	.60	.28	.73	10.35
77	.61	.34	1.15	.13	1.59	1.10	.10	1.09	1.58	.42	2.06	4.27	14.44
78	1.92	1.44	.72	2.47	2.16	.86	1.65	1.41	.93	TRACE	2.13	1.02	16.71
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AUG 64 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 49-79 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP	OCT	NOV	DEC	ALL MONTHS
79	1.21	2.15	.86	.90	1.35								
MEAN	2.351	1.412	1.239	1.035	1.166	1.022	.496	.767	.708	1.117	2.065	2.178	15.703
S.D.	1.261	.811	.622	.765	.596	.597	.531	.732	.469	.840	1.295	1.102	2.676
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] PROCESSING BRANCH
[illegible] FTAC
[illegible] FAIRCHILD SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

74 — STATION
FAIRCHILD AFB WA — STATION NAME
49-79 — YEARS

PRECIP.	AMOUNTS (INCHES) NONE	TRACE	01	.02-.05	06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES) 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].1	23.5	11.2	11.3	5.7	3.1	2.2	1.5	.8					35.4	93[illegible]	16.7	50.7	5.8
FEB	5[illegible]	21.4	7.6	8.3	3.4	1.4	.4	.4	.2					21.6	847	6.8	31.6	TRACE
MAR	66.9	19.8	5.6	5.9	1.5	.3	.3	.1						13.8	930	3.7	11.4	TRACE
APR	93.3	13.3	1.8	1.2	.2	.1								3.3	899	.7	5.3	.0
MAY	96.4	3.2	.1	.2										.3	929	.1	1.3	.0
JUN	99.9	.1													900	TRACE	TRACE	.0
JUL	100.0														930	.0	.0	.0
AUG	100.0														930	.0	.0	.0
SEP	99.8	.2													900	TRACE	TRACE	.0
OCT	98.2	2.5	.4	.6		.1		.1						1.3	930	.5	5.3	.0
NOV	72.6	14.1	4.1	4.7	2.1	1.0	.5	.5	.2					13.4	900	5.9	25.2	TRACE
DEC	61.8	25.4	6.4	4.9	5.9	2.3	1.3	1.5	.2	.1				27.6	929	13.5	36.6	.5
ANNUAL	81.0	10.3	3.1	3.5	1.6	.7	.4	.3	.1	.0				9.7	10954	47.9		

1200 WB FORM NO. 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49						.0	.0	.0	.0	TRACE	2.0	3.0	
50	7.5	7.5	3.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	2.2	2.4	7.5
51	4.3	2.3	1.7	.0	.0	.0	.0	.0	.0	.7	1.0	10.8	10.8
52	5.5	2.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.9	6.9
53	4.1	1.2	1.2	.1	.0	.0	.0	.0	.0	.0	.3	1.8	4.1
54	6.5	1.4	.2	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	6.5
55	2.4	5.4	2.0	.4	TRACE	.0	.0	.0	.0	TRACE	7.9	2.4	7.9
56	4.5	2.6	2.4	TRACE	.0	.0	.0	.0	.0	1.0	.9	1.5	4.5
57	3.0	2.1	1.5	.1	.0	.0	.0	.0	.0	4.8	1.4	2.6	4.8
58	1.7	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	3.2	5.0	5.0
59	4.2	3.6	1.8	TRACE	1.0	.0	.0	.0	.0	.0	4.6	2.2	4.6
60	3.2	1.5	1.9	1.8	.1	.0	.0	.0	.0	.0	1.5	2.3	3.2
61	6.3	2.3	2.0	.8	TRACE	.0	.0	.0	TRACE	TRACE	3.1	2.5	6.3
62	4.4	2.7	3.9	.9	.0	.0	.0	.0	.0	.0	1.7	.3	4.4
63	5.9	2.0	1.0	.2	TRACE	.0	.0	.0	.0	.0	TRACE	5.5	5.9
64	4.7	2.5	1.0	1.0	.0	.0	.0	.0	.0	TRACE	5.8	5.5	5.8
65	4.5	1.0	.2	1.2	.0	.0	.0	.0	.0	.0	4.0	6.0	6.0
66	2.6	1.0	3.8	TRACE	TRACE	.0	.0	.0	.0	.5	1.5	3.8	3.8
67	2.2	2.5	2.1	.2	1.3	.0	.0	.0	.0	TRACE	4.0	4.6	4.6
68	3.4	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	1.0	4.8	4.8
69	7.3	1.0	2.2	.8	.0	.0	.0	.0	.0	TRACE	TRACE*	3.0	7.3
70	3.5	1.5	5.4	*TRACE	*TRACE	.0	.0	.0	.0	TRACE	3.4	3.0	5.4
71	3.0	2.3	.9	TRACE	TRACE	.0	.0	.0	.0	2.8	3.2	6.0	6.0
72	4.5	2.6	1.1	1.0	.0	.0	.0	.0	.0	1.1	TRACE	2.5	4.5
73	3.8	2.2	.7	.6	TRACE	TRACE	.0	.0	.0	1.1	8.0	4.8	8.0
74	5.6	1.9	1.0	.2	TRACE	.0	.0	.0	.0	.0	.5	5.5	5.6
75	7.8	8.8	4.3	2.7	TRACE	.0	.0	.0	.0	.3	5.2	4.7	8.8
76	4.5	1.9	3.2	.6	.0	.0	.0	.0	.0	.0	.1	1.5	4.5
77	2.0	1.0	1.3	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	4.9	8.3	8.3
78	5.1	5.2	.9	.3	TRACE	.0	.0	.0	.0	TRACE	3.8	2.3	5.2
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	4.9	2.7	.3	.4	TRACE								
MEAN	4.43	2.51	1.81	.46	.08	TRACE	.00	.00	TRACE	.41	2.51	3.95	5.86
S.D.	1.620	1.928	1.310	.633	.299	.000	.000	.000	.000	1.019	2.298	2.301	1.764
TOTAL OBS.	930	847	930	899	929	900	930	930	900	930	900	929	10954

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
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
49						.0	.0	.0	.0	TRACE	2.0	4.3	
50	44.4	10.3	5.9	TRACE	TRACE	.0	.0	.0	.0	TRACE	5.9	5.4	71.9
51	21.0	4.5	5.4	.0	.0	.0	.0	.0	.0	.7	1.0	32.6	65.2
52	31.8	7.1	3.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	25.6	68.3
53	10.6	2.7	2.1	.2	.0	.0	.0	.0	.0	.0	.3	4.3	20.2
54	31.8	3.8	.5	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	6.2	42.3
55	11.7	17.6	3.3	.4	TRACE	.0	.0	.0	.0	TRACE	25.0	16.3	74.3
56	16.5	14.2	6.0	TRACE	.0	.0	.0	.0	.0	1.1	1.8	3.3	42.9
57	16.7	4.4	3.5	.1	.0	.0	.0	.0	.0	5.0	2.5	6.0	38.2
58	5.8	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	7.4	6.8	22.0
59	19.4	16.1	2.5	TRACE	1.0	.0	.0	.0	.0	.0	5.9	5.2	50.1
60	8.5	3.5	6.5	3.0	.1	.0	.0	.0	.0	.0	5.4	7.1	34.1
61	6.3	8.3	4.0	.8	TRACE	.0	.0	.0	TRACE	TRACE	10.1	16.4	45.9
62	8.8	4.5	11.4	.9	.0	.0	.0	.0	.0	.0	4.1	.5	30.2
63	6.3	3.2	1.1	.2	TRACE	.0	.0	.0	.0	.0	TRACE	19.6	30.4
64	19.8	5.9	2.5	2.0	.0	.0	.0	.0	.0	TRACE	11.6	36.6	78.4
65	16.3	1.5	.2	1.5	.0	.0	.0	.0	.0	.0	8.4	19.4	47.3
66	10.8	2.0	7.5	TRACE	TRACE	.0	.0	.0	.0	.5	1.7	8.6	31.1
67	10.8	3.3	7.3	.5	1.3	.0	.0	.0	.0	TRACE	5.2	18.6	47.0
68	12.7	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	1.3	15.7	30.1
69	50.7	5.1	2.2	.8	.0	.0	.0	.0	.0	TRACE	TRACE*	15.2	* 74.0
70	18.8	2.5	6.6	*TRACE	*TRACE	.0	.0	.0	.0	TRACE	6.9	15.9	* 50.7
71	8.2	8.0	3.7	TRACE	TRACE	.0	.0	.0	.0	3.8	7.0	34.9	65.6
72	17.1	7.0	2.8	1.0	.0	.0	.0	.0	.0	1.1	TRACE	7.5	36.5
73	6.3	3.3	1.0	.6	TRACE	TRACE	.0	.0	.0	1.1	25.2	8.2	45.7
74	12.1	6.4	2.1	.3	TRACE	.0	.0	.0	.0	.0	.7	15.2	36.8
75	25.7	31.6	9.1	6.3	TRACE	.0	.0	.0	.0	.6	12.0	8.0	93.3
76	15.4	6.1	4.2	.6	.0	.0	.0	.0	.0	.0	.3	5.3	31.9
77	5.8	1.1	1.8	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	11.5	27.1	47.3
78	16.7	7.3	2.1	.4	TRACE	.0	.0	.0	.0	TRACE	14.8	10.6	51.9
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
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
79	14.6	12.0	.7	.4	TRACE								
MEAN	16.71	6.79	3.73	.69	.08	TRACE	.00	.00	TRACE	.46	5.93	13.49	47.37
S.D.	10.891	6.434	2.785	1.280	.299	.000	.000	.000	.000	1.141	6.747	9.967	18.422
TOTAL OBS.	930	847	930	899	929	900	930	930	900	930	900	929	10954

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AR 64 0-88-5 (OL-A)

DATA PROCESSING BRANCH
USAF ETAC
A[illegible] WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

4 — STATION
FAIRCHILD AFB WA — STATION NAME
69-79 — 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]	14.6	6.6	6.7	5.7	19.0	12.4	6.7	3.2	.2				6 .4	930			
FEB	[illegible]	7.8	6.4	6.3	3.9	1 .7	7.7	3.4	.4	.8				39.6	847			
MAR	[illegible]	7.7	4.3	2.7	1.6	3.	.9							12.5	930			
APR	[illegible]	1.2	.2	.2	.1									.6	9[illegible]0			
MAY	[illegible]														930			
JUN	[illegible]														900			
JUL	[illegible]														930			
AUG	[illegible]														930			
SEP	[illegible]														900			
OCT	[illegible]	.3	.4	.1		.1								.6	930			
NOV	[illegible]	5.9	3.3	2.9	[illegible]	3.[illegible]	.9							11.8	900			
DEC	[illegible]	8.6	8.[illegible]	7.7	5.6	13.5	6.[illegible]	1.2	.3					45.6	930			
ANNUAL	[illegible]	3.2	2.4	2.2	1.8	4.1	2.3	.9	.3	.1				14.3	10957			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APP	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49						0	0	0	0	0	0	5	
50	23	27	4	0	0	0	0	0	0	0	1	3	27
51	8	5	6	0	0	0	0	0	0	1	0	28	28
52	36	12	2	0	0	0	0	0	0	0	0	12	36
53	9	1	TRACE	0	0	0	0	0	0	0	0	TRACE	9
54	17	8	TRACE	0	0	0	0	0	0	0	0	3	17
55	6	8	11	0	0	0	0	0	0	0	10	9	11
56	7	5	3	0	0	0	0	0	0	1	1	2	7
57	10	11	2	TRACE	0	0	0	0	0	5	2	1	11
58	2	0	2	0	0	0	0	0	0	0	3	5	5
59	9	7	TRACE	0	0	0	0	0	0	0	6	2	9
60	9	2	3	TRACE	0	0	0	0	0	0	1	3	9
61	6	1	1	TRACE	0	0	0	0	0	0	4	11	11
62	6	2	6	0	0	0	0	0	0	0	1	TRACE	6
63	TRACE	6	TRACE	TRACE	0	0	0	0	0	0	TRACE	12	12
64	11	6	1	2	0	0	0	0	0	0	5	16	16
65	14	4	0	0	0	0	0	0	0	0	4	11	14
66	7	0	4	0	0	0	0	0	0	0	1	4	7
67	3	1	2	0	0	0	0	0	0	0	4	8	8
68	7	5	0	0	0	0	0	0	0	0	1	6	7
69	41	45	9	0	0	0	0	0	0	0	0	3	45
70	7	1	5	0	0	0	0	0	0	0	5	7	7
71	5	5	5	0	0	0	0	0	0	1	3	15	15
72	9	10	1	1	0	0	0	0	0	1	0	4	10
73	4	2	TRACE	0	0	0	0	0	0	0	8	5	8
74	6	1	TRACE	TRACE	0	0	0	0	0	0	0	6	6
75	12	24	4	3	0	0	0	0	0	TRACE	3	5	24
76	5	2	1	1	0	0	0	0	0	0	TRACE	2	5
77	5	1	TRACE	0	0	0	0	0	0	0	5	12	12
78	17	12	1	TRACE	0	0	0	0	0	0	8	9	17
MEAN													
S.D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-8-5 (CLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOW DEPTH

(FROM DAILY OBSERVATIONS)

24114 STATION | FAIRCHILD AFB WA STATION NAME | 49-79 YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ALL MONTHS
79	14	14	TRACE	0	0								
MEAN	10.5	7.6	2.4	.2	.0	.0	.0	.0	.0	.3	2.5	7.0	13.8
SUM	9.032	9.622	2.837	.679	.000	.000	.000	.000	.000	.952	2.825	5.904	9.665
TOTAL MINS	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 44 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

74-29082

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
49						SW 43	WSW 37	SSW 35	SW 36	WSW 36	WSW 62	SW 45	
50	S 42	SSW 48	SSW 36	SW 50	WSW 38	WSW 35	40	SW 38	SW 35	SSW 54	SSE 50	SSW 40	SSW 54
51	SW 64	SW 40	SW 59	NNW 34	WSW 39	NNW 45	5W 49	SSW 30	WSW 40	SW 36	WSW 41	WSW *46	SW 64
52	E	*31	WSW 50	SW 41	W 38	SW 40	NNW 36	NNW 34	WSW 34	NNW 37	SSE 26	WSW *43	
53	SW 55	W 35	WSW 45	WSW 35	SW 33	WSW 39	SW 30	SE 35	WSW 43	SW 30	SW 39	WSW 46	SW 55
54	SW 40	SW 43	SW *45	WSW 48	SW 43	WSW 47	SSW 34	WNW 43	SSW 34	SW 48	SSW 44	SW 46	WSW 48
55	SSW *38	SW *49	SW *67	WSW 45	WSW 41	WSW 51	SSW *46	SW 33	W 32	WNW 38	SSW 42	SW 47	SW *67
56	SSW 44	SSW 45	SSW 64	SW 45	WSW 40	WSW 59	SSW *40	SW 35	WSW 40	SW 44	WSW 49	SW 45	SSW 64
57	SW 29	SW 51	WSW 49	SW 48	SSW 56	SSW 42	WSW 36	SSW 32	WSW 37	SSW 35	SW 43	SW *47	SSW 56
58	SW 46	SW 49	S 29	WSW 32	SW 30	SSW 29	W 31	W 39	WSW 39	SW 34	SW 35	SSW 39	SW 49
59	SW 34	SSW 31	WSW 36	SW *34	WSW 36	SW 33	SW 33	W 29	SW *33		SW 39		
60	SSW 21	SW 30	SSW 33	WSW 39	WSW 36	SSW *33	E 26	SSW *25	SSW *22	SSW *35	SW *36	SSW 30	WSW 39
61	SSW 30	SW *35	SSW 39	WSW *37	NE *24	WSW *30	SSW 27	WSW *33	SSW *38	WSW *35	SSW *31	WSW *55	WSW *55
62	SSW 33	NE 28	W 28	SW 40	W 32	W 35	SSW *30	SSW *26	NNE 30	S 34	SSW 45	SSW *30	SSW 45
63	NE *28	WSW *34	SSW 41	SW 37	WSW 34	SW 29	WSW 28	WNW *18	WSW *32	SSW 27	SW 34	SW 30	SSW 41
64	SW 46	SSW 35	SSW 37	SW 36	SW 37	ENE 26	SSW 29	W 34	SSW 34	W 39	SSW 32	SW 47	SW 47
65	SW 45	SW 49	NNE 30	SSW 31	WSW *42	N *28	N 26	SSW 27	NE 30	SSW 37	SW 35	WSW 34	SW 49
66	S 50	W 46	SSW 36	SSW 32	SW 31	WSW 29	S 29	SW 30	S 31	SSW 34	S 35	SE 28	S 50
67	SSW 46	SSW 36	S 39	S 30	SSW 30	NW 26	SW *26	SW 31	SSW 34	SSW 42	S 34	SW 40	SSW 46
68	SSW 36	SSW 31	W 36	SSW 40	SW 43	E 32	27/ 38	20/ 30	20/ 34	23/ 30	20/ 29	20/ 43	SW 43
69	23/ 34	20/ 34	5* 26	23/ 36	34/ 28	3* 27	24/ 29	25/ 23	23/ 34	6* 28	26/ 23	22* 26	23/ 36
70	24/ 28	3/ 30	25/ 30	22/ 38	20* 26	23/ 32	22/ 34	23/ 29	22/ 34	20/ 26	21/ 38	22/ 35	22/ 38
71	21/ 43	23/ 46	23/ 52	26/ 41	33/ 39	23/ 29	3/ 35	22/ 28	34/ 31	26/ 35	19/ 38	20/ 41	23/ 52
72	21/ 51	22/ 46	23/ 44	25/ 39	26/ 34	2/ 26	2/ 29	22/ 30	26/ 32	6/ 27	22* 21	23/ 32	21/ 51
73	20/ 34	23/ 27	23/ 31	25/ 35	24/ 35	24/ 36	28/ 31	24/ 34	22/ 28	20/ 30	19/ 41	22/ 32	19/ 41
74	22/ 44	24/ 31	22/ 41	24/ 34	26/ 29	24/ 31	23* 28	6/ 26	6/ 31	23/ 24	22/ 30	23/ 38	22/ 44
75	22/ 40	26/ 38	33/ 30	25/ 28	23/ 38	29/ 34	35/ 24	28/ 24	7/ 24	21/ 31	19/ 39	21/ 37	22/ 46
76	20/ 34	27/ 42	22/ 40	6/ 38	26/ 36	25/ 36	20/ 27	19/ 35	27/ 26	23/ 28	23/ 28	23/ 33	27/ 42
77	23/ 28	23/ 28	27/ 41	20/ 39	20/ 28	29/ 30	24/ 31	3* 25	23/ 24	23/ 32	23/ 44	24/ 38	23/ 44
78	20/ 40	22/ 24	22/ 36	25/ 34	24/ 31	16/ 42	28/ 33	18/ 24	26/ 31	23/ 29	28/ 44	22/ 40	28/ 44
MEAN													
S.D													
TOTAL OBS.													

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)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
79	3/ 2321/	4426/	2724/	3124/	30								
MEAN	39.4	38.0	39.2	37.7	35.7	36.0	32.1	31.5	33.0	34.5	38.5	38.5	47.5
S.D	10.199	8.156	9.292	5.702	6.004	8.261	5.438	4.874	4.656	6.947	8.396	5.823	4.845
TOTAL OBS.	878	819	912	873	894	853	898	890	853	866	821	885	10442

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)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (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	1.3	1.9	.8	.1								4.1	5.0
NNE	2.3	2.8	2.4	.3	.2	.1						8.1	6.3
NE	2.2	3.9	1.6	1.2	.1							8.9	6.0
ENE	2.5	4.1	1.5	.3								8.4	5.1
E	1.8	1.1	.3	.1								3.3	3.9
ESE	.6	.2	.2									1.1	3.8
SE	.5	.4	.4									1.4	5.3
SSE	.6	1.3	.6	.2								2.8	5.6
S	1.7	3.0	1.5	1.0								7.2	6.3
SSW	1.5	3.3	2.5	4.2	1.1	.2	.6					13.4	10.6
SW	1.4	1.3	1.4	4.5	.9	.3						9.8	11.0
WSW	1.1	.5	1.0	.5	.3	.2						3.7	9.0
W	1.8	1.4	.1									3.3	3.6
WNW	.4	.3	.3									1.1	4.6
NW	.2	.3	.1									.6	4.0
NNW	.8	.4	.2									1.4	4.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	21.4	
	20.8	26.3	14.9	12.5	2.6	.9	.6					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (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	1.3	1.3	.5									3.1	4.3
NNE	.9	2.7	2.5	.8	.3	.1						7.2	7.7
NE	3.0	3.9	2.7	.3								9.9	5.4
ENE	1.6	2.9	2.5	.3								7.3	5.8
E	1.5	2.2	.6									4.4	4.4
ESE	.4	.6										1.1	4.0
SE	.5	.5		.2								1.3	5.0
SSE	.4	1.2	.6		.1							2.4	5.6
S	2.0	3.7	1.6	.9	.1							8.3	6.1
SSW	.5	2.9	3.8	2.9	1.5	.8	.4					12.8	11.6
SW	1.0	1.1	2.0	2.7	1.5	.1	.2					8.6	11.7
WSW	1.0	.8	.8	.6	.1	.1						3.3	7.4
W	1.4	1.0	.5	.1	.1							3.1	5.0
WNW	.8	.1		.3								1.2	5.5
NW	.3	.2	.1									.6	3.7
NNW	.4	.8	.1	.2								1.5	5.4
VARBL													
CALM												23.9	
	17.2	25.7	18.4	9.4	3.8	1.1	.6					100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	.5									3.4	4.5
NNE	2.2	2.0	1.9	.6	.3							7.1	6.7
NE	2.7	5.3	3.5	.8								12.3	5.9
ENE	2.4	3.3	2.9									8.6	5.4
E	1.9	1.8	.6									4.4	4.0
ESE	.3	.1	.1									.5	4.0
SE	.2	.3	.2	.3								1.1	7.5
SSE	.5	.8	.6	.1								2.0	6.1
S	1.2	3.4	2.9	1.7	.4							9.7	7.7
SSW	1.0	2.0	3.2	3.2	1.5	.1	.1	.3				11.5	11.1
SW	1.2	1.4	1.3	2.7	.9	.3	.2					8.0	10.8
WSW	1.0	1.0	1.0	.3	.1	.2						3.5	7.6
W	1.4	.6	.4	.2	.2							2.9	5.7
WNW	.4	.3	.1									.9	4.1
NW	.1	.2	.2									.5	5.2
NNW	.4	.6	.2	.1								1.4	5.4
VARBL													
CALM												22.2	
	18.0	25.2	19.9	10.1	3.4	.6	.3	.3				100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 77-79 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	.5	.4								3.3	6.0
NNE	1.7	3.9	1.5	.5	.1							7.7	5.6
NE	1.7	4.0	3.9	1.1	.5							11.2	7.3
ENE	2.9	5.6	2.9	.2	.1							11.7	5.5
E	2.6	1.4	.3									4.3	3.5
ESE	.6	.3										1.0	2.9
SE	.8	.5		.2								1.5	4.4
SSE	.4	.8	.5	.5								2.3	7.0
S	2.6	3.2	3.4	2.3	.1	.1						11.7	7.2
SSW	.9	2.0	4.4	4.4	1.4	.4	.1					13.7	11.0
SW	.6	1.3	2.0	1.2	1.1	.9						7.1	11.7
WSW	.6	1.3	.5	.8	.3	.3						3.9	9.6
W	.8	1.2	.2	.3	.1	.1						2.7	6.9
WNW	.1	.4	.1									.6	4.8
NW		.2	.2	.2								.6	9.5
NNW	.2	.1		.1								.4	5.3
VARBL													
CALM												16.2	
	17.3	27.8	20.6	12.3	3.8	1.8	.1					100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (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	.8	.2	.5	.2	.1							1.8	6.5
NNE	1.3	2.5	2.2	1.0	.2							7.1	7.0
NE	1.9	4.4	4.9	1.4	.1							12.8	6.9
ENE	3.0	5.1	2.9	.3	.3							11.6	5.7
E	3.2	3.0	.4									6.7	3.7
ESE	.9											.9	2.0
SE	.5	.6	.1									1.3	3.9
SSE	1.0	1.2	.8	.1								3.0	5.1
S	1.6	1.6	2.8	1.8	.3							8.2	8.0
SSW	1.0	1.5	3.2	4.0	1.2	.3						11.2	11.0
SW	1.0	1.2	3.5	3.1	1.6	.8						11.2	11.7
WSW	1.6	1.1	1.3	1.6	.1	.2	.2	.1				6.2	9.2
W	1.2	1.1	1.1	.4								3.8	6.4
WNW	.1	.3	.5	.1								1.1	6.9
NW	.3	.2	.1	.2								.9	6.6
NNW	.1	.2										.3	3.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.0	
	19.5	24.2	24.4	14.3	4.0	1.3	.2	.1				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	.3	.1								1.4	6.3
NNE	2.2	3.8	1.7	.9	.4							8.9	6.5
NE	1.5	4.6	3.1	.5								9.8	6.1
ENE	2.9	3.2	2.3	.3								8.7	5.2
E	2.2	3.2	1.1									6.5	4.5
ESE	.6	.6	.2									1.5	4.1
SE	.5	.6										1.2	3.8
SSE	1.4	.9	.6	.1								3.0	4.7
S	1.9	3.0	2.3	1.8	.2							9.2	7.2
SSW	1.3	1.8	2.3	2.9	1.3	.3						9.9	10.4
SW	1.5	2.7	1.8	4.2	.8	.9						11.8	10.6
WSW	1.4	3.1	.5	.9	.4	.1						6.5	6.9
W	.6	1.1	1.0	.1	.1	.1						3.0	7.0
WNW	.4	.5	.3	.1								1.4	5.6
NW	.1		.1	.1								.3	8.7
NNW		.4										.4	4.3
VARBL													
CALM												16.5	
	18.7	30.5	17.6	12.0	3.2	1.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	70-79	JAN
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	.5	1.9	.6	.1								3.2	5.3
NNE	1.2	3.7	2.0	.8	.2							7.8	6.5
NE	1.6	4.5	2.0	.2								8.4	5.6
ENE	1.5	3.9	1.8									7.2	5.3
E	2.2	1.4	.1	.1								3.8	3.7
ESE	.2	.5	.3	.1								1.2	5.7
SE	.9	.9	.1	.1								1.9	4.1
SSE	1.1	1.3	.2	.1								2.7	4.5
S	1.9	2.5	1.8	1.7	.1							8.1	7.0
SSW	2.3	2.4	2.3	3.2	1.2	.6						11.9	9.9
SW	1.4	2.2	1.9	2.7	1.5	.5	.1					10.3	10.8
WSW	2.2	1.7	1.0	.8	.3							5.9	6.3
W	1.4	1.3	.2	.1								3.0	4.0
WNW	.6	.6	.1									1.4	4.0
NW	.1	.1	.2	.1								.5	7.2
NNW	.1	.9										1.0	4.3
VARBL													
CALM												21.6	
	19.1	29.7	14.8	10.1	3.3	1.2	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (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	.9	1.1	.6	.4								[illegible]	6.5
NNE	1.2	2.5	2.0	.1	.1	.1						6.0	6.3
NE	2.7	3.7	2.0	.5	.2							9.1	5.6
ENE	1.9	3.7	2.3	.3								8.2	5.4
E	1.6	1.7										3.3	3.4
ESE	.4	.5	.4	.1								1.5	6.4
SE	.3	.3	.3									1.0	5.2
SSE	1.0	1.3	1.2	.2								3.7	5.6
S	1.9	2.6	2.5	1.0	.4							8.4	7.2
SSW	1.4	3.1	3.0	3.9	.9	.4	.3					13.0	10.3
SW	1.2	2.2	1.8	3.3	1.0	.5						10.0	10.5
WSW	1.7	.9	.4	.8	.1	.1						4.0	6.6
W	.8	.8	.2									1.7	4.1
WNW	.3	.2	.1									.6	3.8
NW	.2		.3	.1								.6	7.0
NNW	.5	.5	.2									1.3	4.2
VARBL													
CALM												24.5	
	16.1	24.9	17.5	18.8	2.7	1.2	.3					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (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	.8	1.3	.6	.2	.0							2.9	5.4
NNE	1.6	3.2	2.0	.6	.2	.0						7.5	6.6
NE	2.2	4.3	3.5	.8	.1							10.3	6.2
ENE	2.3	4.0	2.4	.2	.1							9.0	5.4
E	2.1	2.0	.4	.0								4.6	3.9
ESE	.5	.4	.2	.0								1.1	4.3
SE	.5	.5	.1	.1								1.3	4.8
SSE	.8	1.1	.7	.2	.0							2.7	5.5
S	1.9	2.9	2.4	1.5	.2	.0						8.8	7.1
SSW	1.2	2.4	3.1	3.6	1.2	.4	.2	.0				12.2	10.7
SW	1.2	1.7	2.0	3.1	1.1	.5	.1					9.6	11.1
WSW	1.3	1.3	.8	.8	.2	.2	.0	.0				4.6	7.8
W	1.2	1.0	.5	.2	.1	.0						2.9	5.4
WNW	.4	.4	.2	.1								1.0	5.0
NW	.2	.2	.2	.1								.6	6.4
NNW	.3	.5	.1	.1								1.0	4.7
VARBL													
CALM												19.8	
	18.6	26.8	18.5	11.4	3.3	1.2	.3	.1				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (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	.5	.5	.5	.1								1.7	5.6
NNE	2.4	.8	1.1	.6								4.8	5.4
NE	1.8	3.5	2.1	1.5		.4						9.3	7.1
ENE	2.5	4.0	1.3	.7								8.5	5.2
E	2.2	1.4	.5									3.9	3.8
ESE	.6	.5	.1									1.2	3.5
SE	.9	.8	.6	.4								2.7	5.7
SSE	1.1	1.9	.2	.1	.1							3.4	5.0
S	2.8	3.9	1.8	1.1	.1	.1						9.8	6.3
SSW	1.3	4.4	4.5	3.5	1.2	.4						15.2	9.2
SW	1.2	1.8	2.5	3.2	.8	.2	.1					9.8	10.2
WSW	.5	.8	.7	.2	.2							2.5	7.6
W	.6	.4	.4	.2	.1							1.7	7.0
WNW	.2	.6	.2									1.1	5.4
NW	.1	.1	.2									.5	6.0
NNW	.2	.4	.1									.7	4.3
VARBL													
CALM												23.2	
	18.7	25.9	16.8	11.7	2.6	1.1	.1					100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	.2									1.7	4.2
NNE	1.9	1.7	1.4	.4	.2							5.6	5.8
NE	3.5	4.1	1.5	1.2	.2	.2						10.9	6.1
ENE	4.1	4.3	1.2	.5								10.0	4.6
E	1.9	1.1	.8									3.8	4.3
ESE	.5	.5	.6									1.5	5.8
SE	.8	.7	.2	.4								2.1	5.8
SSE	1.2	1.1	1.1	.5								3.8	6.1
S	2.8	4.0	1.3	.9								9.1	5.2
SSW	1.4	3.1	5.8	3.4	.6	.7						15.0	9.3
SW	1.3	2.2	2.4	2.7	.4	.5	.2					9.7	9.9
WSW	.2	.7	.7	.6	.5	.1						2.8	10.7
W	.8	.9	.4		.1	.1						2.4	6.3
WNW	.5	.6	.2									1.3	4.8
NW		.1	.1									.2	6.0
NNW	.2	.1										.4	3.7
VARBL													
CALM												19.7	
	22.0	25.9	18.0	10.5	2.0	1.7	.2					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.4	.1									1.2	3.7
NNE	2.1	2.7	1.5	.4	.1							6.9	5.5
NE	1.4	5.7	1.7	.4	.5	.2						9.8	6.6
ENE	2.7	5.6	4.3	.2								12.8	5.6
E	1.9	1.5	.6									4.0	4.2
ESE	.4		.1	.1								.6	5.6
SE	.8	.2	.2	.2								1.5	5.5
SSE	.7	.9	.7	.4	.1							2.8	6.3
S	2.4	4.6	3.8	.9								11.7	6.2
SSW	1.7	3.8	6.3	4.4	.8	.4	.1					17.4	9.3
SW	.6	2.5	2.2	2.6	.8	.2	.2					9.2	10.2
WSW	.8	.1	.2	.8	.4	.1						2.5	9.8
W	.5	.6	.4			.1						1.5	6.1
WNW	.1	.2	.2									.6	5.2
NW		.5	.1									.6	5.2
NNW	.1											.1	3.0
VARBL													
CALM												16.8	
	16.9	29.3	22.5	10.4	2.7	1.1	.4					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	70-79	FEB
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	.2	.6	.2									1.1	4.8
NNE	.9	1.8	1.1	.6	.2	.2						4.8	7.7
NE	2.2	4.6	3.5	.5	.4	.4						11.6	6.7
ENE	1.9	5.8	5.2	.8								13.7	6.3
E	1.9	4.3	1.2	.1								7.4	4.9
ESE	.1	.2	.1	.2								.7	7.5
SE	.7	1.1		.2								2.0	4.9
SSE	.6	1.1	1.1	.2								3.0	5.8
S	2.2	4.1	4.5	.9								11.8	6.4
SSW	1.3	4.4	5.2	4.6	.6	.2						16.3	9.0
SW	1.1	2.4	3.4	3.7	.9	.5						11.9	10.6
WSW	.1	.7	.8	.9	.5	.2						3.3	11.5
W	.6	.4	.7	.4	.1							2.1	7.8
WNW	.4	.2	.1	.2								.9	6.3
NW	.1	.2		.1								.5	6.0
NNW		.2										.2	5.0
VARBL													
CALM												8.5	
	14.4	32.0	27.2	13.6	2.7	1.5						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.5	.2									1.4	4.0
NNE	.7	1.4	1.1	.4	.7							4.3	8.4
NE	1.4	4.5	3.5	.6	.5	.2	.1					10.9	7.4
ENE	1.7	2.5	3.4	.4								7.9	6.0
E	2.4	2.5	.6									5.4	4.0
ESE	.9	.8	.5	.1								2.4	5.1
SE	1.3	1.4	.8									3.5	4.8
SSE	.6	1.8	1.2	.6								4.1	6.5
S	2.2	3.1	2.6	1.2								9.1	6.5
SSW	.8	2.7	3.4	3.5	1.1							11.6	9.7
SW	1.3	2.4	3.5	4.0	1.5	.6	.1	.1				13.6	11.0
WSW	1.3	1.7	2.4	2.5	.8	.1	.2					9.0	9.7
W	1.3	1.8	1.7	1.4	.2	.1						6.5	8.0
WNW	.2	.4	.1									.7	5.2
NW	.1	.2	.1	.2								.7	7.7
NNW	.1	.1										.2	4.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.6	
	17.1	27.7	25.2	14.9	4.8	1.1	.5	.1				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.6	.2									1.9	3.7
NNE	1.4	3.2	.8	.6	.4	.1						6.5	6.7
NE	1.9	3.9	3.2	.5	.5	.2						10.2	7.0
ENE	2.2	3.1	.8	.2								6.4	4.9
E	.9	1.5	.1									2.6	4.1
ESE	.5	1.1	.1									1.7	4.1
SE	1.3	.6	.9									2.8	4.9
SSE	1.5	1.7	1.2	.4								4.7	5.4
S	1.4	3.0	1.5	.9	.1							7.0	6.5
SSW	.7	2.4	4.1	2.1	.5	.2						10.0	9.1
SW	1.7	3.2	4.0	3.1	.8	.2						13.0	8.9
WSW	2.5	2.7	3.1	1.3	.9		.2					10.8	8.1
W	.8	1.8	2.1	.9	.5	.4						6.5	8.9
WNW	.2	.1	.6	.1	.1							1.2	7.5
NW	.6	.4		.1								1.1	4.2
NNW	.7	.1										.8	2.6
VARBL													
CALM												12.9	
	19.5	29.2	22.9	10.3	3.8	1.2	.2					100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 846

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)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.2									1.8	3.6
NNE	2.6	2.7	1.2	1.1	.1							7.7	6.0
NE	1.9	3.0	1.5	.8		.2	.1					7.6	6.7
ENE	2.5	2.8	1.3	.1	.2							6.9	5.1
E	1.8	2.4	.2									4.4	3.8
ESE	.7	.2										.9	2.6
SE	.9	.9	.4									2.2	4.4
SSE	1.5	1.1	.6	.1								3.3	4.5
S	2.1	2.7	3.0	.5								8.3	5.9
SSW	2.1	3.7	3.8	2.2	.7	.4						12.9	8.1
SW	2.1	1.4	1.8	2.7	.6	.4						9.0	9.4
WSW	2.0	1.9	1.4	1.1	.5	.1						7.0	7.5
W	1.2	1.8	.6	.5								4.0	5.5
WNW	.9	.6	.1									1.7	3.7
NW	.2	.1	.4									.7	6.2
NNW	.5	.1	.1									.7	3.8
VARBL													
CALM												21.0	
	24.3	25.8	16.4	9.1	2.1	1.1	.1					100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.1									2.2	4.1
NNE	1.5	1.5	.5	.8	.2	.1						4.7	6.8
NE	2.1	4.4	2.1	1.1	.2							9.9	6.1
ENE	2.7	4.1	1.3	.6								8.7	5.2
E	1.7	1.4	.2									3.3	3.6
ESE	.2	.1										.4	3.0
SE	.9	1.1		.2								2.2	4.5
SSE	1.7	1.1	.5	.2								3.4	4.6
S	3.0	4.0	2.2	1.2								10.4	5.9
SSW	1.8	3.9	2.2	4.1	.5	.1						12.6	8.8
SW	1.7	1.4	2.4	2.7	.6	.5	.2					9.5	10.2
WSW	.7	.8	.8	.8		.1						3.3	7.8
W	.8	1.9	.8	.5								4.0	6.1
WNW	.2	.8	.2									1.3	4.5
NW	.1	.2	.2									.6	5.0
NNW		.6										.6	4.8
VARBL													
CALM												22.7	
	20.2	28.5	13.7	12.3	1.5	.8	.2					100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (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	.8	.6	.2	.0								1.6	4.2
NNE	1.7	2.0	1.1	.6	.3	.1						5.7	6.4
NE	2.0	4.2	2.4	.8	.3	.2	.0					10.0	6.7
ENE	2.5	4.0	2.3	.4	.0							9.4	5.4
E	1.8	2.0	.5	.0								4.4	4.2
ESE	.5	.4	.2	.1								1.2	4.7
SE	1.0	.9	.4	.2								2.4	5.0
SSE	1.1	1.3	.8	.3	.0							3.6	5.5
S	2.4	3.7	2.6	1.0	.0	.0						9.6	6.1
SSW	1.4	3.5	4.4	3.5	.7	.3	.0					13.9	9.1
SW	1.4	2.2	2.8	3.1	.8	.4	.1	.0				10.7	10.1
WSW	1.0	1.2	1.3	1.0	.5	.1	.1					5.1	8.8
W	.8	1.2	.9	.5	.1	.1						3.6	7.3
WNW	.4	.4	.2	.0	.0							1.1	5.2
NW	.2	.2	.1	.1								.6	5.7
NNW	.2	.2	.0									.5	3.9
VARBL													
CALM												16.7	
	19.1	28.0	20.3	11.6	2.8	1.2	.2	.0				100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAR (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	.8	1.0	.2									1.9	4.3
NNE	1.1	1.6	1.2	.5	.1							4.5	6.3
NE	1.8	1.4	.8	.1								4.1	4.7
ENE	2.2	3.9	.9	.2								7.1	4.8
E	1.6	.6	.5									2.8	3.7
ESE	1.1	.5	.3									1.9	3.9
SE	.9	.3	.4									1.6	4.0
SSE	1.4	.9	.4									2.7	4.2
S	3.3	5.4	3.3	.2	.1							12.4	5.4
SSW	1.9	3.3	6.2	2.2	.3	.2						14.2	8.1
SW	1.2	2.6	3.9	2.7	.2							10.5	8.6
WSW	1.3	1.8	1.0	.6	.1	.3						5.2	7.4
W	1.4	2.3	.4	.6								4.7	5.5
WNW	.8	2.2	.5	.3								3.8	5.3
NW	.4	.6	.3									1.4	4.8
NNW	.3	.9										1.2	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.0	
	21.4	29.2	20.4	7.5	.9	.5						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (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	1.2	1.0	.8	.1								3.0	5.2
NNE	2.4	1.3	1.7	.2								5.6	5.1
NE	1.3	2.0	1.5	.3	.1							5.3	5.9
ENE	3.1	2.8	.9	.1								6.9	4.3
E	1.7	2.0	.5									4.3	4.3
ESE	.9	.8	.1									1.7	3.6
SE	1.0	1.1	.2									2.3	3.9
SSE	.8	1.5	.8									3.0	5.1
S	3.7	4.4	5.5	.1								13.7	5.6
SSW	1.7	5.1	5.4	3.2	.3							15.7	8.0
SW	1.1	1.4	4.5	2.9	.1							10.0	9.1
WSW	.6	1.3	.5	.2		.3						3.0	7.4
W	1.0	2.4	.8	.6								4.7	5.9
WNW	.4	1.4	.4	.2								2.5	5.7
NW	.3	.3	.1	.2								1.0	5.8
NNW	.3	.9	.1									1.3	4.3
VARBL													
CALM												16.1	
	21.4	29.6	23.8	8.3	.5	.3						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (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	1.1	.3	.2								2.3	5.5
NNE	1.0	1.5	1.7	.5								4.7	6.6
NE	1.7	2.3	1.8	.6								6.5	6.0
ENE	2.6	4.8	2.3	.4								10.1	5.2
E	2.4	1.3	1.3	.1								5.1	4.7
ESE	1.1	.9	.5	.1								2.6	4.7
SE	1.2	1.2	.8									3.1	4.6
SSE	.9	2.3	.2	.2								3.5	4.9
S	3.0	5.5	3.0	.3								11.8	5.5
SSW	1.1	4.7	6.2	3.2	.2							15.5	8.1
SW	.9	2.0	4.3	2.5	.5	.1	.1					10.4	9.3
WSW	.4	1.2	.6	1.2	.2							3.7	8.9
W	1.1	1.2	1.2	.9								4.3	7.2
WNW	.6	1.1	.4									2.2	4.8
NW	.1	.2	.1									.4	5.0
NNW	.2	.3	.3									.9	5.8
VARBL													
CALM												13.0	
	18.8	31.5	25.2	10.3	1.0	.1	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	.3	.3								2.7	5.4
NNE	1.1	1.3	1.7	1.1								5.2	.2
NE	.3	2.5	4.0	.5	.2							7.5	7.7
ENE	.6	2.2	3.5	.6	.1							7.1	7.4
E	1.5	2.7	1.6	.3								6.1	5.7
ESE	.5	.4	1.2	.1								2.3	6.8
SE	.6	1.5	.9	.2								3.2	6.1
SSE	.8	2.2	2.0	.5								5.5	6.5
S	3.8	4.4	4.4	1.1								13.7	5.9
SSW	1.2	4.8	5.1	3.4	.2	.3						15.1	8.4
SW	1.5	2.2	4.8	3.9	1.4	.2	.3					14.3	10.5
WSW	.5	1.3	2.3	1.1	.2	.1						5.5	9.1
W	.5	.9	1.8	1.6	.4	.1						5.4	9.9
WNW	.2	.3	.9	.2								1.6	7.3
NW	.3	.1	.1	.2								.8	6.3
NNW	.1	.2	.4	.9								1.6	9.9
VARBL													
CALM												2.6	
	14.8	27.7	35.1	16.1	2.6	.8	.3					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.4	.3								2.4	4.8
NNE	.8	1.3	1.0	.5	.2	.1						3.5	6.4
NE	.8	1.9	2.6	.1								5.4	6.3
ENE	.8	2.3	1.7	.2	.1							5.1	6.5
E	.8	1.1	1.0	.1								2.9	5.9
ESE	.1	.5	.4	.1								1.2	6.7
SE	.5	.9	1.3	.2								2.9	6.8
SSE	.5	1.9	2.0	.5								5.2	7.1
S	1.5	3.5	4.4	.5								10.0	6.5
SSW	1.1	3.4	4.5	3.3	.2							12.6	8.4
SW	1.5	2.8	6.6	4.5	1.1	.9	.1					17.6	10.4
WSW	.9	1.8	3.4	3.9	.6			.1				10.8	10.1
W	.8	2.4	2.4	3.4	.2	.2						9.4	9.5
WNW	.8	.6	.8	.5								2.7	6.8
NW	.6	.4	.5	.2								1.8	5.9
NNW	.4	.1	.8	.3								1.6	7.3
VARBL													
CALM												5.1	
	13.0	25.2	34.0	18.9	2.5	1.2	.1	.1				100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2-114	FAIRCHILD AFB WA	70-79	MAR
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	.6	.5									1.6	5.4
NNE	1.5	.9	1.2	.4	.1							4.1	6.2
NE	.9	1.7	1.5	.9	.1							5.1	7.2
ENE	.6	.9	1.9	.3								3.8	7.0
E	.5	.9	.6	.1								2.3	5.9
ESE	.2	.4	.6									1.3	6.2
SE	.8	1.4	.6	.1								2.9	5.2
SSE	1.0	1.3	1.2	.2								3.7	5.9
S	1.5	3.8	4.3	.8	.2							10.5	6.9
SSW	1.0	2.5	3.9	1.5								8.8	7.5
SW	1.1	3.0	6.6	3.2	1.4	.2	.2					15.7	9.9
WSW	.8	3.0	6.1	4.5	.1	.3						14.8	9.3
W	1.4	3.1	3.4	3.4	.3							11.7	8.6
WNW	.8	1.4	1.2	.5								3.9	6.6
NW	.8	.5	.6	.2								2.2	6.2
NNW	.5	.9	.4	.1								1.9	5.4
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.8	
	13.8	26.2	34.8	16.3	2.3	.5	.2					100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-9-5 (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)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.2	.1								1.9	4.1
NNE	1.2	3.8	.5									5.5	4.6
NE	.5	1.4	.4	.2								2.6	5.6
ENE	.6	1.5	.8	.4								3.3	6.5
E	.9	1.1	.6	.2								2.8	5.7
ESE	.5	1.4	.2									2.2	4.4
SE	1.0	.6	.1									1.7	3.3
SSE	1.3	.6	.3	.3								2.6	5.1
S	3.5	4.0	1.5	.6								9.7	5.1
SSW	2.6	4.3	2.9	1.2	.1							11.1	6.2
SW	1.9	3.8	4.6	2.6	.8	.3						14.0	8.5
WSW	1.8	3.2	1.5	1.7	.1	.1						8.5	7.0
W	1.8	3.1	2.6	.6	.1							8.3	6.0
WNW	.8	1.3	.4	.2								2.7	5.5
NW	.5	.4	.3									1.3	4.6
NNW	.9	1.0										1.8	3.8
VARBL													
CALM												20.1	
	21.1	31.9	17.1	8.3	1.1	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB W. (STAT. NAME) 70-79 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	.5									2.8	4.2
NNE	.4	.9	.4									1.7	5.3
NE	1.3	1.8	1.2	.1								4.4	5.1
ENE	1.1	1.8	.9	.1								3.9	5.2
E	1.5	1.4	.1	.1								3.1	4.0
ESE	.4	.5	.1									1.1	4.4
SE	1.3	.8	.3									2.4	4.0
SSE	1.8	1.5	.2	.1								3.7	4.2
S	3.2	3.9	2.2	.1								9.4	4.7
SSW	1.6	4.7	3.9	1.6	.3	.2						12.4	7.5
SW	2.2	2.7	3.1	3.2	.4	.5						12.2	9.1
WSW	1.3	2.6	2.4	1.0	.1							7.3	7.0
W	2.0	2.3	1.2	.6								6.1	5.3
WNW	.6	1.2	.2									2.0	4.4
NW	.3	1.1	.2									1.6	4.9
NNW	1.0	1.1	.4									2.5	4.3
VARBL													
CALM												23.5	
	21.4	29.1	17.3	7.0	.9	.8						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (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	1.3	.8	.4	.1								2.3	4.9
NNE	1.2	1.5	1.2	.4	.1	.0						4.4	6.2
NE	1.1	1.9	1.7	.4	.1							5.1	6.2
ENE	1.5	2.5	1.6	.3	.0							5.9	5.7
E	1.4	1.4	.8	.1								3.7	5.0
ESE	.6	.7	.4	.0								1.8	5.0
SE	.9	1.0	.6	.1								2.5	4.9
SSE	1.1	1.5	.9	.2								3.7	5.6
S	2.9	4.4	3.6	.5	.0							11.4	5.7
SSW	1.5	4.1	4.8	2.5	.2	.1						13.2	7.8
SW	1.4	2.6	4.8	3.2	.7	.3	.1					13.1	9.5
WSW	1.0	2.0	2.2	1.8	.2	.1		.0				7.3	8.5
W	1.2	2.2	1.7	1.5	.1	.0						6.8	7.5
WNW	.6	1.2	.6	.3								2.7	5.8
NW	.4	.5	.3	.1								1.3	5.5
NNW	.5	.7	.3	.2								1.6	5.6
VARBL													
CALM												13.3	
	18.2	28.8	26.0	11.6	1.5	.6	.1	.0				100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

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)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.6	.1	.1								1.6	4.4
NNE	1.7	2.3	.6	1.0	.1							5.7	6.3
NE	1.6	2.6	1.2	.1	.1							5.6	5.4
ENE	1.7	2.9	1.9	.3								6.8	5.6
E	1.6	1.4	.2	.1								3.3	4.1
ESE	.6	.7										1.2	3.5
SE	1.0	.3	.1									1.4	3.2
SSE	1.2	.4	.1									1.8	3.2
S	1.9	4.8	3.9	.4								11.0	6.0
SSW	1.3	4.9	8.9	3.0	.1	.1						18.3	8.0
SW	1.4	2.8	2.6	2.1	.2	.1						9.2	8.0
WSW	1.1	1.9	1.0	.4	.2							4.7	6.6
W	1.6	1.9	1.3	.3	.2							5.3	5.9
WNW	.4	.9	.7	.1								2.1	5.4
NW	.7	.7	.4									1.8	4.7
NNW	1.0	.3	.4									1.8	4.0
VARBL													
CALM												18.4	
	19.4	29.3	23.4	8.1	1.0	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	.2	.1								2.3	5.0
NNE	1.3	1.8		1.3								4.4	6.5
NE	1.9	3.7	.7									6.2	4.2
ENE	3.6	4.3	2.4									10.3	4.8
E	1.7	1.8	.7									4.1	4.2
ESE	.9	.4	.1									1.4	3.4
SE	.4	.3										.8	3.6
SSE	.8	1.0	.1									1.9	3.6
S	1.6	5.7	3.6	.3								11.1	5.8
SSW	1.7	5.7	10.7	3.0	.1							21.1	7.9
SW	.9	2.3	3.0	2.6	.6							9.3	9.1
WSW	.3	1.2	.4	.3		.2						2.6	8.0
W	.3	1.2	.4									2.0	5.4
WNW	.4	1.0	.7									2.1	5.2
NW	.1	.2										.3	3.3
NNW	.2	.4	.3									1.0	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	18.8	
	16.8	32.5	23.4	7.7	.7	.2						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.6									1.8	4.6
NNE	.1	1.1	1.0	.8	.1							3.1	8.4
NE	1.7	2.7	3.2	1.0	.2							8.8	7.2
ENE	1.8	4.1	4.2	.4	.1							10.7	6.4
E	1.9	3.2	1.3									6.5	4.7
ESE	.6	.3	.4									1.3	4.5
SE	.8	.9	.4									2.1	5.0
SSE	1.3	1.1	1.0	.1								3.6	4.9
S	2.4	5.5	4.7	.2								12.8	5.6
SSW	.7	4.3	10.0	5.3	.2	.1						20.7	9.0
SW	.6	1.1	5.1	3.7	.6	.1						11.1	10.2
WSW	.1	.8	.2	1.1	.1							2.3	10.4
W	.6	1.3	.2		.1							2.2	5.5
WNW	.1	.7										.8	4.9
NW	.3	.3										.7	4.0
NNW	.6	.1	.1	.1								.9	4.3
VARBL													
CALM												10.7	
	14.2	28.0	32.6	12.8	1.4	.2						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	1.6	.3								2.6	7.7
NNE	1.2	1.0	.6	.4	.2							3.2	6.9
NE	.7	2.1	2.1	2.1	.6							7.6	8.9
ENE	.4	2.0	4.1	1.4	.1							8.1	8.3
E	1.7	3.2	2.3	.4								7.7	6.0
ESE	.9	.6	.4									1.9	4.5
SE	.7	2.0	.3	.2								3.2	5.4
SSE	.2	1.7	1.4	.3								3.7	7.0
S	1.8	2.8	3.2	1.1	.2							9.1	7.1
SSW	.7	3.8	8.4	3.4	.2							16.6	8.7
SW	.6	2.6	7.7	5.8	1.8	.1						18.4	10.6
WSW	.2	1.0	2.9	2.2	.8							7.1	10.5
W	.3	.6	.6	.6	.7							2.7	10.6
WNW	.3	.2	.2									.8	4.6
NW	.1	.7	.3									1.1	5.4
NNW	.2	.9	.1									1.2	4.7
VARBL													
CALM												5.1	
	10.2	25.2	36.3	18.4	4.6	.1						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	70-79	APR
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	.6	1.4	.4	.4								2.9	6.2
NNE	.8	1.0	.4	.8	.2							3.2	7.7
NE	.3	1.4	2.4	.3	.3							4.9	8.2
ENE	1.3	1.3	1.9	.9	.7	.1						6.2	8.3
E	1.2	1.9	1.2	.3	.1							4.8	5.9
ESE	.7	1.3	.9	.1								3.0	5.6
SE	1.1	.6	.3	.1								2.1	4.3
SSE	.5	1.1	.8	.4								2.9	6.8
S	1.6	2.4	3.4	1.6	.2							9.2	7.7
SSW	1.6	3.2	4.7	3.1	.3							12.9	8.4
SW	.8	3.6	8.4	6.8	1.4	.1						21.1	10.2
WSW	.9	1.3	4.8	3.7	1.2	.3						12.2	10.9
W	1.1	2.1	1.8	1.2	.9							7.1	8.6
WNW	.2	.6	.6	.2								1.6	6.5
NW	.3	.9	.8	.1								2.1	6.3
NNW		.6	.2									.8	5.9
VARBL													
CALM												3.0	
	13.0	24.8	33.1	20.1	5.4	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.9	.9	.6								2.9	7.1
NNE	.4	.7	.7	.7		.2						2.7	8.8
NE	.4	1.6	1.9	.8	.1	.3						5.1	8.7
ENE	.3	1.2	1.3	.8								3.7	7.8
E	.7	2.0	.9	.4	.2	.1						4.3	7.4
ESE	.4	.6	.8									1.8	5.4
SE	.6	.6	.1									1.2	3.6
SSE	.3	.7	1.3	.3	.1							2.8	7.9
S	2.1	2.4	2.2	1.0	.1							7.9	6.4
SSW	2.2	4.8	6.1	2.4	.1							15.7	7.5
SW	.6	2.8	6.3	5.0	.9	.3						15.9	10.1
WSW	.7	1.8	3.0	4.4	.9	.4						11.2	11.0
W	.8	3.3	4.0	3.3	.8	.2						12.4	9.7
WNW	.8	1.1	.7	.3								2.9	6.3
NW	.1	.7	.3	.2								1.3	6.5
NNW	.4	.6	.8	.4								2.2	7.4
VARBL													
CALM												6.0	
	11.4	25.6	31.3	20.8	3.2	1.7						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.4	.3								2.2	6.0
NNE	.6	2.9	1.2	.6	.4							5.7	7.3
NE	.4	1.9	1.7	.3	.1							4.4	6.8
ENE	.7	2.1	1.9	.1	.1							4.9	6.3
E	1.0	.6	.9	.3	.1							2.9	6.5
ESE	.7	.7	.1									1.4	3.6
SE	1.2	.4										1.7	2.7
SSE	1.8	.7	.2									2.7	3.4
S	4.0	3.7	1.2									8.9	4.1
SSW	2.7	4.2	3.7	1.3		.1						12.0	6.3
SW	2.1	3.6	4.6	3.1	.6							13.9	8.0
WSW	1.8	2.7	1.7	2.1	.3							8.6	7.6
W	2.0	3.7	2.7	1.9	.1	.2						10.6	7.4
WNW	.4	.9	.8	.1								2.2	5.9
NW	.3	.7	.3									1.3	5.2
NNW	.7	.3	.1									1.1	3.6
VARBL													
CALM												15.6	
	20.8	29.9	21.4	10.2	1.8	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.7	.2									1.7	4.5
NNE	1.7	2.6	1.0	.6	.1							5.9	6.0
NE	1.3	2.8	1.0	.6								5.7	5.5
ENE	.9	1.4	2.0	.2								4.6	6.2
E	1.0	.4	.4									1.9	4.4
ESE	.7	.1	.1									.9	3.6
SE	1.1	.3										1.4	2.9
SSE	1.3	.7										2.0	3.2
S	3.7	4.6	2.4	.3								11.0	5.1
SSW	1.8	4.7	3.1	.7								10.2	6.1
SW	2.8	2.7	3.3	3.3	.2	.1						12.4	7.8
WSW	1.8	2.6	2.2	1.2								7.8	6.7
W	2.4	2.9	2.2	.8								8.3	5.8
WNW	.4	1.3	.2									2.0	4.7
NW	.7	.7	.2									1.6	4.3
NNW	.7	.3	.1									1.1	3.8
VARBL													
CALM												21.6	
	23.0	28.7	18.7	7.7	.3	.1						100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (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	.6	.8	.6	.2								2.2	5.9
NNE	.9	1.7	.7	.8	.2	.0						4.2	7.0
NE	1.0	2.3	1.8	.7	.2	.0						6.0	6.9
ENE	1.3	2.4	2.5	.5	.1	.0						6.9	6.6
E	1.3	1.8	1.0	.2	.1	.0						4.4	5.5
ESE	.7	.6	.4	.0								1.6	4.5
SE	.9	.7	.2	.0								1.8	4.1
SSE	.9	.9	.6	.2	.0							2.7	5.3
S	2.4	4.0	3.1	.6	.1							10.1	5.9
SSW	1.6	4.4	6.9	2.8	.1	.0						15.9	7.9
SW	1.2	2.7	5.1	4.0	.8	.1						13.9	9.4
WSW	.9	1.7	2.0	1.9	.4	.1						7.1	9.3
W	1.1	2.1	1.7	1.0	.3	.1						6.3	7.7
WNW	.4	.8	.5	.1								1.8	5.6
NW	.3	.6	.3	.0								1.3	5.3
NNW	.5	.4	.3	.1								1.3	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	12.4	
	16.1	28.0	27.5	13.2	2.3	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

94114	FAIRCHILD AFB WA	73-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.8	1.0									3.4	5.3
NNE	.4	1.1	1.0	.2								2.7	6.0
NE	1.7	1.2	.5	.4								3.9	5.2
ENE	1.3	2.5	.5	.1								4.4	4.6
E	1.1	.6	.2									1.9	3.4
ESE	.8	.9										1.6	3.3
SE	1.0	.6	.1	.2								1.9	4.4
SSE	2.0	1.5	.1									3.7	3.6
S	4.3	6.3	2.9	.6								14.2	5.1
SSW	2.9	4.8	3.7	2.4	.1							13.9	6.6
SW	1.6	2.4	4.5	1.0								9.5	7.0
WSW	1.5	1.9	1.9	.8	.1							6.2	6.8
W	2.3	3.7	1.2	.6	.1							7.8	5.5
WNW	.4	1.0	.2									1.6	4.7
NW	.2	.6	.1									1.0	4.4
NNW	.2	.2	.1									.5	4.2
VARBL													
CALM												21.7	
	22.4	31.2	18.1	6.3	.3							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

2-114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	.4									1.5	4.6
NNE	.6	1.7	1.3	.1								3.8	5.9
NE	2.5	1.8	.3	.5								5.2	4.7
ENE	2.9	2.4	2.0									7.3	4.6
E	2.0	1.8	.3									4.2	3.7
ESE	.9	.4	.2									1.5	3.7
SE	.8	.4	.1									1.3	3.6
SSE	2.3	2.2	.4	.1								4.9	4.1
S	3.3	5.6	4.2	1.0								15.1	5.7
SSW	1.3	4.8	8.2	2.8								17.1	7.7
SW	1.0	1.7	5.5	1.3								9.5	7.9
WSW	.3	.8	1.4	.8								3.2	8.5
W	.6	1.4	.3	.1								2.5	5.9
WNW	.4	.4	.2									1.1	4.6
NW		.1										.1	4.0
NNW	.4	.1										.5	2.6
VARBL													
CALM												21.3	
	19.9	27.2	24.9	6.7								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.3	.2	.1								.8	6.6
NNE	.6	1.1	1.4	.8								3.9	7.3
NE	.9	1.8	2.2	.6								5.5	6.7
ENE	1.7	3.8	3.1	.5	.1							9.2	6.2
E	1.8	4.6	2.0		.1							8.6	5.3
ESE	1.2	.9	.3									2.4	4.0
SE	1.7	1.1	.2									2.6	3.8
SSE	1.4	2.7	1.3									5.3	5.2
S	2.4	5.8	6.0	1.3								15.5	6.4
SSW	1.4	5.7	13.1	4.1	.1							24.4	8.1
SW	.4	1.7	4.1	4.3	.2							10.8	9.6
WSW	.4	.2	1.8	1.1	.3							3.9	10.4
W	.1	.3	.6	.2	.1							1.4	8.5
WNW			.1									.1	7.0
NW			.1									.1	9.0
NNW	.2		.1									.3	3.3
VARBL													
CALM												5.4	
	13.0	30.0	36.8	13.0	1.0							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.9									1.7	5.9
NNE	.5	1.1	.9	.9								3.3	7.3
NE	.6	1.5	1.9	.4								4.5	7.0
ENE	.5	1.9	2.4	.9	.1							5.8	7.5
E	.9	1.7	1.7	1.1	.2							5.6	7.7
ESE	.5	1.9	.3									2.8	4.8
SE	1.1	1.4	.5									3.0	4.4
SSE	1.2	1.9	.8									3.9	4.9
S	1.7	4.6	5.6	.6								12.6	6.4
SSW	1.1	4.1	8.8	4.7	.1							18.8	8.7
SW	.8	2.6	7.6	6.9	.5							18.4	9.8
WSW	.4	.6	3.9	3.9	.3							9.1	10.4
W	.9	.6	1.2	.9								3.6	7.4
WNW	.2	.6	.2	.1								1.2	6.0
NW	.1	.4	.1	.1								.8	6.7
NNW	.2	.3	.2	.2								1.0	7.0
VARBL													
CALM												3.9	
	11.2	25.9	37.0	20.7	1.3							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 920

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.9	.4									1.8	4.7
NNE	.5	1.1	1.0	.5	.3							3.4	8.2
NE	1.[illegible]	1.4	1.3	.3								4.0	6.2
ENE	.5	1.4	1.2	.3	.1							3.5	6.7
E	1.5	1.5	.9	.5	.1							4.5	6.0
ESE	.6	.4	.4	.3								1.8	6.2
SE	1.3	.9	.4									2.6	4.1
SSE	1.1	.9	.9	.4								3.2	6.1
S	1.3	3.0	3.3	.6	.3							8.6	7.0
SSW	1.3	4.1	6.[illegible]	4.5	.1							16.2	8.5
SW	.9	3.1	8.6	7.8	.8							21.2	9.8
WSW	.4	2.2	5.1	3.8	.8	.4						12.6	10.3
W	1.0	2.4	2.3	1.8	.1							7.5	8.0
WNW	.3	1.0	.5	.3								2.2	7.1
NW	.3	1.2	.5	.1								2.2	5.6
NNW	.4	.3	.4									1.2	5.4
VARBL													
CALM												3.4	
	13.0	25.6	33.4	21.5	2.6	.4						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.8	.2								3.2	5.4
NNE	.8	1.7	.9	.3	.1							3.8	6.3
NE	.4	1.5	1.4	.4	.1							3.9	7.1
ENE	.1	1.5	1.1	.4								3.1	7.2
E	1.2	1.5	1.1	.4								4.2	6.2
ESE	.5	.8	.4									1.7	4.6
SE	1.5	.6	.3									2.5	3.8
SSE	.4	1.3	.6	.2								2.6	5.9
S	1.3	2.9	2.2	.9								7.2	6.4
SSW	.9	3.3	5.4	2.7								12.3	8.2
SW	1.1	3.9	7.0	5.6	.6							18.2	9.2
WSW	.8	2.2	5.8	4.5	.9	.2						14.3	10.2
W	.8	1.9	3.6	2.4	.9	.1						9.6	9.5
WNW	.5	.8	1.6	.4	.1							3.4	7.5
NW	1.0	1.3	.5	.3								3.1	5.3
NNW	.1	.6	.3	.1								1.2	6.8
VARBL													
CALM												5.6	
	12.5	26.9	33.0	19.0	2.7	.3						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	70-79		MAY
STATION	STATION NAME	YEARS		MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	.6	.1								3.3	4.8
NNE	.5	2.2	1.5		.1							4.3	6.0
NE	.5	1.1	1.2	.2								3.0	6.2
ENE	.5	1.4	1.4	.8								4.1	7.3
E	1.3	1.1	.6	.2								3.2	5.0
ESE	.9	.8	.2									1.8	3.8
SE	.5	1.0	.3									1.8	4.8
SSE	1.6	.6	.4	.1								2.8	4.2
S	3.5	4.7	1.5	.8								10.5	5.2
SSW	3.0	4.3	3.5	1.1	.1							12.0	6.1
SW	3.2	5.5	4.6	1.0	.4							14.8	6.3
WSW	2.4	4.2	4.4	1.5		.2						12.7	7.0
W	1.5	2.6	2.5	2.0	.2							8.8	7.7
WNW	.3	1.7	.9	.4								3.3	6.7
NW	.5	.3	.3	.1								1.3	5.5
NNW	.2	1.2	.3									1.7	5.1
VARBL													
CALM												10.4	
	21.5	34.4	24.4	8.3	.9	.2						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	.2									2.3	4.6
NNE	.5	2.3	1.0									3.8	5.5
NE	1.4	.6	.4	.2								2.7	4.6
ENE	.9	1.6	1.1	.5	.1							4.2	6.8
E	.6	.8	.2									1.6	4.1
ESE	.6	.4	.2									1.3	3.8
SE	.8	1.1	.1	.2								2.2	4.9
SSE	1.3	1.2	.3									2.8	4.0
S	3.7	5.1	1.1	.6								10.5	4.6
SSW	4.1	6.3	2.6	1.3		.1						14.4	5.6
SW	3.1	4.1	1.9	1.2	.2							10.6	5.9
WSW	2.4	3.2	2.2	.9								8.6	5.8
W	2.1	3.9	2.2	.9	.1							9.1	6.1
WNW	.5	1.5	.4	.1								2.6	5.2
NW		.6										.6	4.7
NNW		1.0	.1									1.1	5.2
VARBL													
CALM												21.7	
	22.7	35.1	14.0	5.9	.4	.1						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.6	.1								2.3	5.1
NNE	.6	1.5	1.1	.3	.1							3.6	6.6
NE	1.1	1.4	1.2	.4	.0							4.1	6.0
ENE	1.1	2.1	1.6	.4	.1							5.2	6.2
E	1.3	1.7	.9	.3	.1							4.2	5.5
ESE	.8	.8	.3	.0								1.9	4.3
SE	1.0	.9	.3	.1								2.2	4.2
SSE	1.4	1.5	.6	.1								3.6	4.7
S	2.7	4.9	3.4	.8	.0							11.8	5.8
SSW	2.0	4.7	6.4	2.9	.1	.0						16.1	7.6
SW	1.5	3.1	5.5	3.6	.3							14.1	8.5
WSW	1.1	1.9	3.3	2.1	.3	.1						8.8	8.8
W	1.1	2.1	1.7	1.1	.2	.0						6.3	7.3
WNW	.3	.9	.5	.2	.0							1.9	6.3
NW	.3	.6	.2	.1								1.1	5.4
NNW	.2	.5	.2	.0								.9	5.4
VARBL													
CALM												11.7	
	17.1	29.5	27.7	12.7	1.1	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 7430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.8	.3									1.8	4.5
NNE	1.1	1.3	.8	.2								3.4	5.4
NE	1.7	1.7	.4	.2								4.0	4.5
ENE	.9	2.0	.3	.1								3.3	4.7
E	.7	.8	.1									1.6	3.9
ESE	.6	.7										1.2	3.5
SE	.4	.3	.2									1.0	4.1
SSE	1.0	1.4	.8	.1								3.3	4.8
S	3.2	3.7	2.2	1.3								10.4	5.9
SSW	2.2	6.7	4.7	1.7								15.2	6.5
SW	1.7	5.2	2.9	1.0	.1							10.9	6.0
WSW	2.3	2.9	.7	.7								6.6	5.0
W	2.0	2.8	1.0	.2								6.0	4.9
WNW	.6	1.0	.2									1.8	4.4
NW	.3	.3	.1									.8	4.7
NNW	.2	.4		.2								.9	6.3
VARBL													
CALM												27.8	
	19.6	32.0	14.8	5.8	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (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	.6	.9	.1	.2								1.8	5.6
NNE	1.3	.8	.6	.1								2.8	4.6
NE	1.9	2.6	.7									5.1	4.3
ENE	2.4	2.8	.9									6.1	4.3
E	1.4	.6	.2									2.2	3.4
ESE	.7	.4										1.1	2.9
SE	.8	.4										1.2	2.8
SSE	1.7	1.2	.6	.2								3.7	4.5
S	3.6	4.8	4.3	.9								13.6	5.7
SSW	2.1	4.9	8.7	2.0								17.7	7.2
SW	1.3	2.6	3.7	1.6								9.1	7.2
WSW	.9	1.3	1.1	.1	.1							3.6	6.3
W	.6	1.6	.8									2.9	5.0
WNW		.3	.1									.4	6.3
NW	.4	.2	.1									.8	4.1
NNW	.3	.6	.1	.1								1.1	5.2
VARBL													
CALM												26.9	
	20.0	25.9	21.9	5.2	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.7	.1								1.7	6.3
NNE	.3	1.1	.9	.6								2.9	7.3
NE	1.6	3.1	2.2	.2								7.1	5.6
ENE	1.6	3.9	4.3	.1								9.6	6.1
E	1.9	4.1	.9									6.9	4.3
ESE	1.2	1.6	.2									3.0	3.9
SE	1.2	.8	.3									2.3	3.7
SSE	.7	2.6	1.0	.1								4.3	5.2
S	2.6	6.6	6.9	1.3								17.3	6.6
SSW	1.8	7.9	8.6	3.0	.1							20.6	7.6
SW	.2	2.0	7.4	1.8	.4							11.9	9.0
WSW	.2	.6	.8	.2								1.8	7.4
W	.4	.6	.8	.1								1.9	6.3
WNW	.1	.8		.2								1.1	6.4
NW	.2	.7		.1								1.0	5.2
NNW		.2	.1									.3	6.0
VARBL													
CALM												6.3	
	13.6	36.9	34.8	7.9	.6							100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 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)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	.2	.1								1.2	5.6
NNE	.7	1.7	1.1	.6	.2							3.6	7.8
NE	1.8	2.7	2.1	1.3								6.9	7.0
ENE	.8	1.9	1.8	.3								4.8	6.3
E	2.1	2.8	1.8		.1							6.8	5.0
ESE	1.1	1.4	.1									2.7	3.7
SE	.8	.9	.3	.1								2.1	4.8
SSE	.3	1.7	1.0									3.0	5.4
S	2.3	5.2	4.9	1.7								14.1	6.6
SSW	.9	5.0	8.4	2.6	.1							17.0	8.0
SW	.7	3.9	8.8	4.9	.3							18.6	9.1
WSW	.6	1.2	3.7	2.4								7.9	9.0
W	.9	1.3	1.0	.3	.1							3.7	6.4
WNW	.1	.7	.6	.1								1.4	6.6
NW	.2	.4	.4									1.1	5.5
NNW	.2	.1	.1									.4	4.8
VARBL													
CALM												4.8	
	13.7	29.9	36.3	14.4	.9							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.4									1.4	4.6
NNE	.6	.8	1.1	1.1	.1							3.7	8.7
NE	1.[illegible]	1.8	1.2	1.1	.1							5.2	7.4
ENE	.6	1.7	.6	.3								3.1	5.9
E	1.9	3.0	.7									5.6	4.3
ESE	.3	.4	.2									1.0	4.6
SE	.9	1.[illegible]	.3									2.2	4.1
SSE	.8	1.2	1.[illegible]	.2								3.2	5.6
S	2.3	3.6	3.[illegible]	1.4								10.7	6.5
SSW	.8	3.9	5.6	2.2	.1							12.6	8.0
SW	1.4	4.6	9.7	6.2	.3							22.2	9.0
WSW	1.0	2.3	5.2	3.0	.1							11.7	8.8
W	.9	2.2	4.2	2.1	.1							9.6	8.1
WNW	.3	.8	.4		.1							1.7	6.5
NW	.6		.3									.9	4.5
NNW	.3	.7	.3									1.3	5.0
VARBL													
CALM												4.0	
	14.2	28.3	34.7	17.8	1.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	.9	.1								3.1	4.9
NNE	.2	.9	1.3	.9	.2							3.6	9.6
NE	.3	1.2	1.6	.3	.2							3.7	7.6
ENE	.8	1.3	.3	.2								2.7	5.1
E	2.0	1.0	.8	.1								3.9	4.4
ESE	.6	.7										1.2	3.7
SE	.9	.8	.3									2.0	4.1
SSE	.4	1.3	.7									2.4	5.3
S	1.8	3.8	3.3	1.2								10.1	6.6
SSW	1.0	3.6	5.0	1.6								11.1	7.5
SW	1.7	3.6	7.2	5.2	.3							18.0	9.0
WSW	1.3	3.2	5.8	4.3		.1						14.8	8.8
W	1.2	3.0	4.1	2.4	.1	.1						11.0	8.2
WNW	.7	1.6	.8	.4								3.4	6.6
NW	.9	.7	.2	.1								1.9	4.5
NNW	.4	.3	.1	.1								1.0	4.9
VARBL													
CALM												6.1	
	15.3	27.9	32.4	17.1	.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	.8									2.9	5.1
NNE	1.8	1.6	.8	.3	.1							4.6	5.1
NE	.8	1.6	1.0	.7	.2							4.2	7.1
ENE	.8	1.6	.8	.3								3.4	5.7
E	1.6	1.1	.1									2.8	3.2
ESE	1.3	.6	.1									2.0	3.2
SE	.8	.8	.2	.1								1.9	4.7
SSE	1.2	.7	.7	.1								2.7	4.8
S	2.3	2.2	2.3	.3								7.2	5.5
SSW	1.7	4.7	3.6	1.3								11.2	6.7
SW	2.4	4.2	6.0	1.9								14.6	6.9
WSW	2.2	4.8	4.2	1.7	.2							13.1	6.8
W	1.6	3.6	2.1	1.3	.6							9.1	7.5
WNW	.9	1.4	.6	.3	.1							3.3	6.1
NW	.2	1.1	.6	.4								2.3	6.9
NNW	.1	.3	.2		.2							.9	8.8
VARBL													
CALM												13.8	
	20.2	31.7	24.0	8.9	1.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.9	1.3	.9	.1								4.2	4.5
NNE	1.7	.9	.7	.7								3.9	5.8
NE	1.2	1.1	.6	.2	.1							3.2	5.7
ENE	1.1	.9		.2								2.2	4.2
E	1.9	1.0	.1									3.0	3.3
ESE	.2	.2										.4	3.8
SE	1.0	.2	.2									1.4	3.7
SSE	1.6	.4	.6	.3								2.9	5.1
S	2.9	4.0	1.3	1.3								9.6	5.7
SSW	1.9	4.2	2.4	.6	.2							9.3	6.1
SW	3.2	4.1	2.6	.8								10.7	5.5
WSW	2.2	5.0	2.6	.1								9.9	5.2
W	2.7	4.2	2.7	.4								10.0	5.4
WNW	1.0	.9	.7	.1								2.7	5.0
NW	.4	.3										.8	3.3
NNW	.3	.8	.1	.2								1.4	5.6
VARBL													
CALM												24.3	
	25.2	29.7	15.3	5.1	.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (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	.9	.5	.1								2.3	5.0
NNE	1.0	1.0	.9	.6	.1							3.5	6.8
NE	1.3	1.8	1.2	.5	.1							4.9	6.2
ENE	1.1	2.0	1.1	.2								4.4	5.4
E	1.7	1.8	.6	.0	.0							4.1	4.2
ESE	.7	.7	.1									1.6	3.6
SE	.8	.7	.2	.0								1.8	4.1
SSE	1.0	1.3	.8	.1								3.2	5.1
S	2.6	4.2	3.6	1.2								11.6	6.2
SSW	1.4	5.1	5.9	1.9	.1							14.3	7.3
SW	1.6	3.8	6.0	2.9	.2							14.5	8.0
WSW	1.3	2.7	3.0	1.6	.1	.0						8.7	7.4
W	1.3	2.4	2.1	.9	.1	.0						6.8	6.8
WNW	.5	.9	.4	.2	.0							2.0	6.0
NW	.4	.5	.2	.1								1.2	5.2
NNW	.2	.4	.1	.1	.0							.9	5.8
VARBL													
CALM												14.2	
	17.7	30.3	26.8	10.3	.7	.0						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	.4	.1								2.6	5.0
NNE	2.3	1.4	1.0	.6								5.3	5.2
NE	.9	1.5	.1	.3								2.8	4.8
ENE	2.2	1.8	.5									4.5	3.9
E	1.9	.4	.1									2.5	3.0
ESE	.4	.4										.9	4.0
SE	.6	.2	.2									1.1	4.0
SSE	1.9	1.0	.3									3.2	3.6
S	3.2	2.8	2.2	.2								8.4	4.9
SSW	1.5	4.7	2.7	.9								9.8	6.1
SW	2.3	2.7	2.0	.3								7.3	5.4
WSW	1.6	2.8	1.0	.3								5.7	5.1
W	2.8	2.3	.2									5.3	3.5
WNW	.5	.1		.1								.8	4.0
NW	.3	.4	.2									1.0	4.6
NNW	.2	.5	.2	.1								1.1	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	38.0	
	23.2	24.6	11.2	3.0								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	JUL
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	.8	1.1	.6									2.5	5.0
NNE	1.8	2.0	.8	.4								5.1	5.1
NE	2.6	2.2	.5									5.3	3.7
ENE	3.5	3.7	.2									7.4	3.7
E	3.3	1.4	.1									4.8	3.0
ESE	1.2											1.2	1.7
SE	1.6	.3	.3									2.3	3.5
SSE	3.2	1.1	.4									4.7	3.3
S	4.6	4.4	3.1	1.0								13.1	5.3
SSW	1.6	5.1	5.8	1.0								13.4	6.7
SW	1.7	2.6	2.0	.6								7.0	5.8
WSW	.2	.3	.4	.1								1.1	6.0
W	.5	.5										1.1	3.2
WNW	.4	.1										.5	2.6
NW	.1	.2	.2									.5	5.8
NNW	.3	.1	.1									.5	3.8
VARBL													
CALM												29.5	
	27.6	25.1	14.7	3.1								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (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	.5	.8									1.4	6.2
NNE	.3	1.8	1.1	.5								3.3	6.9
NE	2.2	2.9	2.9	.9								8.8	6.2
ENE	2.7	6.0	3.7	.1								12.5	5.4
E	4.5	4.4	1.1									10.0	3.9
ESE	1.3	1.4	.2									2.9	3.9
SE	1.5	1.0	.1									2.6	3.5
SSE	1.2	2.6	.6									4.4	4.6
S	2.5	8.7	6.1	1.1								18.4	6.2
SSW	1.4	6.6	6.2	2.2								16.4	7.1
SW	.6	2.5	3.9	1.4								8.4	7.9
WSW	.4	.4	.5	.3								1.7	7.1
W	.5	.2	.1									.9	4.0
WNW													
NW	.1	.2	.2									.5	6.6
NNW	.2	.4	.1									.8	4.6
VARBL													
CALM												6.6	
	19.6	39.7	27.7	6.5								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	.9	.1								2.5	5.8
NNE	.4	1.1	1.1	.4								3.0	6.4
NE	2.0	2.6	2.7	.8	.1							8.2	6.3
ENE	1.1	2.0	2.9	.9								5.9	7.0
E	2.2	3.6	1.3	.2								7.2	5.0
ESE	1.0	.9	.2									2.0	3.9
SE	.4	1.1	.3									1.8	4.7
SSE	.4	1.2	.3	.2								2.2	5.4
S	2.4	5.9	5.6	1.1								15.0	6.3
SSW	1.2	6.4	7.2	3.0	.4							18.2	7.9
SW	.8	5.2	8.0	2.8	.2							16.9	8.1
WSW	.5	1.2	2.6	1.9								6.2	8.3
W	.4	.6	.8	.1								1.9	6.2
WNW	.6	.3										1.0	3.1
NW	.5	.1										.6	3.2
NNW	.1	.5	.3									1.0	5.8
VARBL													
CALM												5.4	
	14.6	33.6	34.1	11.5	.8							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM JUL 64 0-9-5 (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)

24114	FAIRCHILD AFB WA	69-78	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	1.3	.5	1.0	.3	.1							3.2	6.1
NNE	.6	.9	1.3	.3	.1							3.2	6.5
NE	.6	1.6	.9	.4	.1							3.7	6.6
ENE	.6	1.1	1.1	.5								3.3	6.8
E	1.6	1.1	1.1	.1								3.9	4.7
ESE	.9	.4	.4									1.7	4.3
SE	.6	.2	.2									1.1	4.0
SSE	.6	1.6	.9	.1								3.2	5.6
S	2.5	5.4	4.1	1.5								13.4	6.3
SSW	1.3	3.9	6.8	2.7	.1							14.7	7.8
SW	.9	5.2	7.6	3.7	.1							17.4	8.4
WSW	.5	2.0	3.5	3.1	.3							9.6	9.2
W	1.3	2.8	2.6	.8	.1							7.5	6.6
WNW	.6	1.2	.8									2.6	5.3
NW	.6	.9	.5									2.0	5.0
NNW	.6	.6	.3	.1								1.7	5.1
VARBL													
CALM												7.6	
	15.4	29.4	33.0	13.7	1.0							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.1	1.4	.3								3.7	6.4
NNE	1.4	1.0	1.1	.8	.3	.1						4.6	7.8
NE	.8	1.1	.8	.3	.1							3.0	6.2
ENE	.4	1.0	1.2	.2								2.8	6.7
E	1.6	2.0	.6									4.3	4.2
ESE	.5	1.0	.1									1.6	3.9
SE	1.1	.8	.1									1.9	3.7
SSE	.6	1.2	.4	.1								2.4	5.0
S	1.0	3.8	4.0	.6	.1							9.5	6.6
SSW	1.5	4.4	5.9	1.2								13.0	7.0
SW	.9	4.6	7.3	3.9	.2							16.9	8.4
WSW	1.1	3.5	5.8	3.1	.1							13.7	8.3
W	1.0	2.7	2.9	1.1	.1							7.7	7.3
WNW	.5	.8	1.1	.2								2.6	6.4
NW	1.0	1.0	.4	.1								2.5	4.8
NNW	.6	1.1	.5									2.3	4.9
VARBL													
CALM												7.6	
	14.8	30.9	33.7	11.9	1.0	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	1.9	.9	.2								4.6	5.1
NNE	1.3	2.8	1.2	.4	.1							5.8	5.9
NE	.8	1.5	.8	.6								3.7	6.6
ENE	1.2	1.6	1.0									3.8	5.1
E	1.9	1.4	.2									3.5	3.6
ESE	.8	.3	.1		.1							1.3	4.4
SE	1.2	.8	.1	.1								2.2	3.7
SSE	1.3	1.0	.9	.1								3.2	5.0
S	3.7	3.1	1.3	.3								8.4	4.6
SSW	1.2	2.9	2.6	.3								7.0	6.2
SW	2.3	3.4	3.3	1.0								10.0	6.2
WSW	3.8	6.8	4.4	1.3	.1							16.3	5.9
W	2.0	3.7	2.0	.8	.1	.1						8.7	6.3
WNW	1.1	1.3	1.0	.2	.1							3.7	5.5
NW	.5	1.6	.6	.1								2.9	5.4
NNW	.3	.4	.2	.1								1.1	5.3
VARBL													
CALM												13.9	
	24.8	34.5	20.5	5.6	.5	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (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	.9	2.2	.4	.1								3.5	4.6
NNE	1.3	2.0	1.0	.6								4.9	5.8
NE	1.2	.4	.4	.4								2.5	5.5
ENE	1.0	.3	.4	.1								1.8	4.5
E	1.2	.8		.1								2.0	3.6
ESE	.5	.1										.6	2.5
SE	.4	.4	.1	.1								1.1	4.7
SSE	2.3	1.7	.3									4.3	3.6
S	3.4	2.3	.5	.1								6.3	3.9
SSW	2.9	1.8	1.5	.3								6.6	5.0
SW	3.1	4.2	1.4	.1								8.8	4.6
WSW	5.2	3.3	.9									9.4	3.6
W	4.7	2.9	1.0	.5								9.1	4.3
WNW	.6	.6	.1	.1								1.5	4.4
NW	.1	.6	.1									.9	4.6
NNW	.3	.5	.1									1.0	4.1
VARBL													
CALM												35.6	
	29.1	24.3	8.3	2.7								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	JUL
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	.8	1.2	.8	.1	.0							3.0	5.5
NNE	1.2	1.6	1.0	.5	.1	.0						4.5	6.1
NE	1.4	1.7	1.1	.5	.0							4.7	5.8
ENE	1.6	2.2	1.4	.2								5.4	5.4
E	2.3	1.9	.6	.1								4.8	4.0
ESE	.8	.6	.1		.0							1.5	3.7
SE	.9	.6	.2	.0								1.7	3.9
SSE	1.5	1.4	.5	.1								3.5	4.4
S	2.9	4.5	3.4	.7	.2							11.6	5.7
SSW	1.6	4.5	4.8	1.4	.1							12.4	7.0
SW	1.6	3.8	4.5	1.7	.1							11.6	7.3
WSW	1.7	2.6	2.4	1.3	.1							8.0	6.8
W	1.7	2.0	1.2	.4	.0	.0						5.3	5.6
WNW	.6	.6	.4	.1	.0							1.6	5.1
NW	.4	.6	.3	.0								1.4	5.0
NNW	.3	.5	.2	.0								1.2	5.0
VARBL													
CALM												18.0	
	21.2	30.3	22.9	7.2	.4	.0						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7438

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 59-78 (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	.9	1.1	.6	.1								2.7	5.0
NNE	1.2	1.1	.1									2.4	3.6
NE	2.3	1.2	.1									3.5	3.3
ENE	1.5	2.9	.9									5.3	4.8
E	1.9	1.2	.2									3.3	3.7
ESE	.8											.8	2.1
SE	.9	.1		.1								1.1	3.3
SSE	1.3	1.2	.1									2.6	3.5
S	2.9	4.2	1.6	.1								8.8	4.7
SSW	2.9	4.3	2.8	1.1								11.1	5.8
SW	2.9	1.8	2.2	.6	.1							7.6	5.8
WSW	1.4	1.4	.5	.2								3.5	4.8
W	2.5	2.5	1.3	.2								6.5	4.8
WNW	.4	1.0	.3	.1								1.8	5.0
NW		.3		.3								.6	8.7
NNW	.6	.8										1.4	3.9
VARBL													
CALM												37.0	
	24.3	24.9	10.8	2.9	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	.2									2.5	4.1
NNE	1.3	1.3	.2									2.8	3.9
NE	3.7	2.4	.8									6.8	3.8
ENE	3.2	3.3	.9									7.4	3.8
E	2.9	2.2										5.1	3.3
ESE	1.4	.3	.1									1.8	3.1
SE	1.6	.3										1.9	2.7
SSE	2.6	1.6	.2									4.4	3.5
S	3.8	4.1	1.3	.1								9.2	4.4
SSW	2.9	5.3	4.7	.9								13.8	6.1
SW	.8	1.5	3.0	1.0								6.2	7.6
WSW	.6	.9	.5									2.0	4.8
W	.5	1.3	.5	.1								2.5	5.2
WNW	.1	.2	.1	.3								.8	9.0
NW			.1									.1	10.0
NNW	.2	.3	.1									.6	4.7
VARBL													
CALM												32.0	
	26.6	26.2	12.8	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	.4									1.6	5.0
NNE	1.0	1.3	1.0									3.2	5.1
NE	1.7	4.0	2.7	.2								8.6	5.6
ENE	2.6	4.3	2.9									9.8	5.0
E	4.3	4.7	1.4									10.4	4.1
ESE	1.4	.8										2.2	2.8
SE	1.0	1.5	.2									2.7	4.0
SSE	1.6	2.8	.8									5.2	4.5
S	2.3	8.9	4.5	.6								16.3	5.6
SSW	1.4	5.7	6.5	1.4								14.9	6.9
SW	1.2	2.7	3.8	1.5								9.1	7.4
WSW	.4	.4	.8	.2								1.8	6.3
W	.5	.4	.3									1.3	4.6
WNW	.1		.1									.2	4.5
NW		.1	.1									.2	6.0
NNW	.2	.1	.2									.5	4.8
VARBL													
CALM												11.8	
	20.0	38.6	25.6	4.0								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.6	.3									2.5	3.6
NNE	1.3	2.5	.9	.2								4.8	5.0
NE	1.6	4.0	2.4	.5								8.5	5.8
ENE	1.7	3.5	1.5	.4								7.2	5.4
E	2.9	4.2	.9	.1								8.1	4.5
ESE	1.1	.8	.1									1.9	3.7
SE	1.3	.8	.3									2.4	3.7
SSE	1.2	.9	.2									2.3	3.9
S	2.3	6.2	4.1	.4								13.0	5.9
SSW	1.8	7.3	8.6	1.5	.1							19.4	7.0
SW	1.0	3.8	6.5	3.8								14.9	8.3
WSW	.4	1.3	1.7	1.3	.1							4.8	8.4
W	.5	1.4	.4	.2								2.6	6.0
WNW	.2	.4	.1									.8	4.6
NW	.3	.1	.3									.8	5.4
NNW	.1	.3	.2	.2								.9	7.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	5.3	
	19.2	38.1	28.5	8.7	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.1	.1								2.7	4.2
NNE	1.3	2.0	1.0	.2								4.5	5.0
NE	1.6	2.8	.3	.1								4.8	4.3
ENE	.6	1.7	.5	.3								3.2	5.6
E	1.8	1.3	.5	.1								3.8	4.1
ESE	.8	.4										1.2	3.4
SE	.9	1.0	.3									2.2	4.3
SSE	1.0	.3	.2									1.5	3.6
S	1.7	4.0	4.3	.6								10.6	6.2
SSW	2.4	4.2	8.0	2.4	.1							17.0	7.5
SW	1.1	4.2	8.6	3.5	.2							17.6	8.4
WSW	.9	2.0	4.0	2.3	.1							9.2	8.3
W	1.3	4.2	2.6	1.0								9.0	6.4
WNW	.9	.6	.5	.2								2.3	5.3
NW	.4	.6	.3									1.4	4.8
NNW	.5	.4	.1									1.1	3.5
VARBL													
CALM												7.8	
	18.2	31.3	31.4	10.9	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2	.4	.2								2.9	4.7
NNE	1.2	1.4	1.0	.4								4.0	5.8
NE	1.5	.5	.6	.3								3.0	5.1
ENE	1.3	1.0	.9	.3								3.4	5.3
E	1.3	1.1	.5	.1								3.0	4.4
ESE	.4	.4										.9	3.4
SE	1.1	.2	.1									1.4	3.2
SSE	1.1	1.0	.3									2.4	4.1
S	1.8	2.5	1.5	.1								5.9	4.8
SSW	1.5	4.1	4.0	2.0	.1							11.7	7.3
SW	1.4	4.8	9.7	3.2	.3							19.5	8.2
WSW	2.0	3.0	7.4	3.3	.4							16.3	8.5
W	1.3	3.0	4.4	1.3	.1							10.1	7.2
WNW	.8	1.4	1.4	.1								3.7	6.0
NW	.8	1.6	.4	.3								3.1	5.5
NNW	.3	.8	.1	.2								1.4	5.9
VARBL													
CALM												7.3	
	18.8	28.0	32.8	12.1	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.2	.8	.3								3.4	5.3
NNE	1.2	2.5	.5	.2								4.4	5.0
NE	1.3	1.0	.1	.2								2.6	4.5
ENE	1.5	1.8	1.0	.3	.1							4.7	5.5
E	1.2	1.8	.2	.1								3.3	4.2
ESE	.5	.3	.1									1.0	3.0
SE	.4	.2	.1									.8	3.7
SSE	.8	.1										.9	2.4
S	2.2	.9	.6									3.7	3.9
SSW	3.2	3.5	1.6	.4								8.8	5.0
SW	4.7	5.6	3.9	1.4	.1							15.7	5.8
WSW	3.8	6.6	4.3	.4								15.1	5.5
W	2.3	4.2	2.8	.8								10.0	6.0
WNW	1.2	.8	.8	.2								2.9	5.5
NW	.9	.3	.1	.1								1.4	3.9
NNW	.5	1.0	.2									1.7	4.5
VARBL													
CALM												19.7	
	26.8	31.7	17.1	4.5	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.8	.6	.1								2.3	5.4
NNE	.8	1.3	.4									2.5	4.4
NE	.5	.6	.6	.1	.1							2.0	6.4
ENE	1.2	1.0	1.0		.1							3.2	5.3
E	1.5	.9										2.4	3.1
ESE	.2	.1	.1									.4	4.3
SE	.4	.1										.5	2.4
SSE	.9	.5	.1									1.5	3.6
S	2.0	1.8	.5	.1								4.5	4.1
SSW	3.7	2.9	1.5	.6	.1							8.8	5.3
SW	5.2	3.8	2.0	.5	.1							11.6	4.7
WSW	2.9	4.9	1.3	.3	.1							9.6	4.8
W	4.8	5.9	1.0	.1								11.8	4.0
WNW	.5	1.1										1.6	4.1
NW	.3	.5	.1									1.0	4.0
NNW	.6	.1	.1									.9	3.3
VARBL													
CALM												35.4	
	26.3	26.3	9.5	1.9	.5							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.4	.1								2.6	4.7
NNE	1.1	1.7	.6	.1								3.6	4.8
NE	1.8	2.1	1.0	.2	.0							5.0	4.9
ENE	1.7	2.4	1.2	.2	.0							5.5	5.0
E	2.2	2.2	.5	.1								4.9	4.0
ESE	.8	.4	.1									1.3	3.2
SE	.9	.5	.1	.0								1.6	3.6
SSE	1.3	1.0	.2									2.6	3.8
	2.4	4.1	2.3	.3								9.0	5.2
SSW	2.5	4.7	4.7	1.3	.1							13.2	6.5
SW	2.3	3.5	4.9	1.9	.1							12.8	7.2
WSW	1.6	2.6	2.6	1.0	.1							7.8	6.8
W	1.7	2.9	1.7	.5	.0							6.7	5.6
WNW	.5	.7	.4	.1								1.7	5.5
NW	.3	.5	.2	.1								1.1	5.3
NNW	.4	.5	.1	.1								1.1	4.7
VARBL													
CALM												19.5	
	22.5	30.6	21.1	5.9	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.9	.4	.4								3.6	5.7
NNE	2.7	1.4	1.1	1.2	.1							6.6	6.2
NE	3.6	1.6	1.0	.3								6.4	4.4
ENE	3.6	2.9	1.3									7.8	4.1
E	1.3	.8	.1									2.2	3.3
ESE	.4											.4	1.8
SE	1.2	.4										1.7	2.7
SSE	.9	1.6	.3									2.8	4.4
S	2.2	3.7	2.6	.4								8.9	5.5
SSW	.8	3.2	4.1	1.1								9.2	7.4
SW	.8	1.4	1.7	.9								4.8	7.2
WSW	.4	1.3	.9	.4								3.1	6.7
W	2.4	1.3	1.1									4.9	4.2
WNW	.8	.4	.1									1.3	3.3
NW	.3	.6										.9	4.0
NNW	.7	.9	.1									1.7	4.0
VARBL													
CALM												33.8	
	22.9	23.4	14.9	4.9	.1							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 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)

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (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	.7	.4	.8	.2								2.1	6.4
NNE	2.2	2.2	.9	1.1	.3							6.8	6.5
NE	4.4	2.3	1.1	.2								8.1	4.0
ENE	3.7	4.8	1.6									10.0	4.2
E	3.2	1.6	.2									5.0	3.2
ESE	1.0	.4										1.4	2.8
SE	.8	.6	.1									1.4	3.7
SSE	1.9	.8	.1									2.8	3.3
S	2.3	5.0	2.9	.3								10.6	5.5
SSW	1.2	3.7	5.4	1.7								12.0	7.2
SW	1.0	1.9	2.0	.9								5.8	6.9
WSW	.7	.6	.4									1.7	4.7
W	.4	.2	.3									1.0	4.6
WNW	.1	.6	.3									1.0	5.2
NW	.4	.2	.2									.9	4.5
NNW	.1	.4	.1	.1								.8	5.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	28.7	
	24.2	25.7	16.6	4.6	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (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	.4	.7	.4	.1								1.7	5.9
NNE	.9	1.2	1.2	1.2	.4							5.0	8.4
NE	3.2	3.8	2.2	.4	.3							10.0	5.8
ENE	3.1	6.8	4.9									14.8	5.5
E	3.0	4.3	1.1									8.5	4.5
ESE	.8	1.1		.1								2.0	4.3
SE	1.0	.4	.2									1.7	3.6
SSE	1.4	1.0	.3									2.8	3.9
S	3.4	6.5	4.0	.3								14.2	5.4
SSW	2.3	4.8	6.0	1.1								14.2	6.5
SW	.3	1.6	2.9	1.7								6.5	8.4
WSW	.1	.4	.6	.2								1.3	7.4
W	.2	.3	.3	.1								1.0	6.3
WNW	.2	.7	.1									1.0	4.9
NW			.2									.2	8.0
NNW		.2	.1	.2								.6	8.6
VARBL													
CALM												14.6	
	20.6	33.8	24.7	5.6	.8							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.6	.4	.3								1.8	6.8
NNE	.8	.9	1.3	.8	.3							4.1	8.1
NE	1.6	3.8	5.3	2.7	.2							13.6	7.7
ENE	1.1	4.9	3.6	.4								10.0	6.2
E	1.8	5.0	1.9	.3								9.0	5.4
ESE	.6	.7	.4	.1								1.8	5.0
SE	1.3	1.3	.6	.1								3.3	4.7
SSE	1.0	1.4	.7									3.1	4.6
S	2.4	4.4	4.0	.6								11.4	6.0
SSW	1.9	5.0	6.0	2.9								15.8	7.4
SW	.6	2.3	4.9	2.7	.2							10.7	8.6
WSW	.6	1.0	1.4	1.3	.7							5.0	9.7
W	.4	1.0	1.4	.6								3.4	7.3
WNW	.2	.4	.3	.1								1.1	6.7
NW	.3	.2	.1	.1								.8	5.0
NNW	.2	.2	.2									.7	5.3
VARBL													
CALM												4.4	
	15.2	33.2	32.7	13.0	1.4							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.7	.2	.3								3.4	4.8
NNE	1.4	2.0	1.2	.7								5.3	6.1
NE	1.7	3.4	2.1	1.1	.1	.1						8.6	6.8
ENE	1.0	1.3	1.8	.6	.1							4.8	6.8
E	1.2	2.7	1.3									5.2	5.2
ESE	.4	.4	.4									1.3	4.8
SE	.3	.8	.3									1.4	5.2
SSE	.7	.4	.7	.1								1.9	5.6
S	1.6	4.2	2.9	.1								8.8	5.6
SSW	1.8	5.3	5.6	2.3	.4	.1						15.6	7.7
SW	1.6	3.1	6.2	4.4	.9							16.2	9.0
WSW	1.2	1.9	2.8	2.8	.8							9.4	9.1
W	1.2	1.7	2.4	1.1	.3							6.8	7.6
WNW	.3	.9	.4									1.7	5.5
NW	.9	.7	.4		.2							2.2	5.8
NNW	.6	.9	.2	.1								1.8	5.1
VARBL													
CALM												5.6	
	17.1	31.4	29.1	13.7	2.9	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.7	1.4	.1								4.1	5.6
NNE	1.7	2.1	1.4	1.0	.1							6.3	6.5
NE	1.3	1.9	1.9	.7	.2							6.0	6.8
ENE	1.2	1.7	.7	.4								4.0	5.7
E	1.1	2.3	.4	.1								4.0	4.6
ESE	.7	.4										1.1	3.7
SE	1.1	.6	.1									1.8	3.7
SSE	.9	.9	.3									2.1	4.2
S	1.9	2.7	2.1	.2								6.9	5.4
SSW	1.1	3.8	4.7	2.2	.2							12.0	7.7
SW	1.3	3.9	5.7	4.0	.4							15.3	8.6
WSW	.9	2.6	4.1	2.8	.7	.1						11.1	9.3
W	1.0	2.9	2.7	1.7								8.2	7.4
WNW	.4	.9	.6	.1								2.0	5.4
NW	.9	1.0	.4	.2								2.6	5.3
NNW	1.0	.8	.3	.3								2.4	5.7
VARBL													
CALM												10.0	
	17.4	30.0	26.9	13.9	1.7	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (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	2.2	2.1	1.0									5.3	4.6
NNE	2.3	4.8	1.2	.2								8.6	4.8
NE	1.0	2.0	.4	.8	.1							4.3	6.5
ENE	1.2	1.6	.3	.2								3.3	4.7
E	1.4	.6	.2									2.2	3.6
ESE	.4	.2	.1									.8	3.9
SE	.6	.6										1.1	3.4
SSE	.9	.8	.3									2.0	4.0
S	4.2	2.8	.7									7.7	3.8
SSW	3.7	2.4	1.1	.2	.1							7.6	4.7
SW	3.7	3.4	2.9	1.2								11.2	5.9
WSW	2.9	3.4	1.9	1.3								9.6	5.8
W	2.4	1.7	1.1	.6	.1							5.9	5.3
WNW	.2	1.3	.1									1.7	4.9
NW	.1	.1										.2	2.5
NNW	.1	.3	.4	.1								1.0	7.6
VARBL													
CALM												27.6	
	27.4	28.1	11.9	4.7	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	.9	.1	.1	.1						3.7	6.2
NNE	1.6	2.0	.4	.1	.3							4.4	5.6
NE	1.8	2.1	1.0	.6								5.5	5.1
ENE	.8	2.3	.3									3.4	4.4
E	1.0	.8										1.8	3.0
ESE	.3		.1									.4	3.8
SE	.9	.7										1.6	3.3
SSE	.8	.4	.7									1.9	4.5
S	2.6	3.0	2.0	.1								7.7	5.2
SSW	2.4	3.3	2.3	.8	.1							9.0	5.6
SW	2.4	2.3	1.4	.6								6.8	5.3
WSW	2.3	1.3	1.6	1.0								6.2	5.9
W	3.6	2.8	1.0	.4								7.8	4.6
WNW	.9	1.2	.1	.1								2.3	4.5
NW	.2	.6	.2	.1								1.1	5.4
NNW	.4	.8	.1	.1								1.4	4.9
VARBL													
CALM												34.9	
	22.7	25.5	12.2	4.0	.6	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (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	.9	1.3	.7	.2	.0	.0						3.2	5.6
NNE	1.7	2.1	1.1	.8	.2							5.9	6.4
NE	2.3	2.6	1.9	.8	.1	.0						7.8	6.1
ENE	2.0	3.3	1.8	.2	.0							7.3	5.2
E	1.8	2.3	.7	.1								4.7	4.4
ESE	.6	.4	.1	.0								1.2	4.0
SE	.9	.7	.2	.0								1.8	3.9
SSE	1.1	.9	.4	.0								2.4	4.3
S	2.6	4.0	2.6	.3								9.5	5.3
SSW	1.9	3.9	4.4	1.5	.1	.0						11.9	6.9
SW	1.5	2.5	3.5	2.0	.2							9.7	7.8
WSW	1.1	1.6	1.7	1.2	.3	.0						5.9	7.8
W	1.5	1.5	1.3	.6	.1							4.9	6.0
WNW	.4	.8	.3	.0								1.5	5.0
NW	.4	.4	.2	.1	.0							1.1	5.2
NNW	.4	.6	.2	.1								1.3	5.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.9	
	21.0	28.9	21.1	8.0	1.0	.1						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7198

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24314 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.6	.1								2.0	6.0
NNE	1.5	1.7	.2	.2	.1							3.8	5.0
NE	3.1	2.6	.5	.6	.1							7.0	5.0
ENE	2.6	5.8	1.3									9.7	4.7
E	.8	1.0	.3									2.0	4.4
ESE	.6	.3	.1									1.1	3.2
SE	.9	.3	.1									1.3	2.8
SSE	.3	1.0	.3	.1								1.7	5.3
S	3.5	2.5	2.2	.5								8.7	5.2
SSW	2.2	2.5	3.2	2.3	.1							10.2	7.6
SW	1.2	1.6	2.5	.8								6.0	6.9
WSW	.3	1.4	.8									2.5	5.8
W	1.6	1.1	.5									3.2	4.1
WNW	.6	.8	.1		.1							1.6	4.6
NW	.5	.8										1.3	3.9
NNW	.3	.8										1.1	4.4
VARBL													
CALM												36.8	
	20.3	25.1	12.8	4.6	.4							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.5	.1	.1	.1							1.9	5.2
NNE	1.8	1.5	.5	.4								4.3	5.0
NE	3.9	3.3	1.8	.2	.1							9.4	4.7
ENE	2.6	4.9	1.6	.2								9.4	4.8
E	1.7	1.3	.8									3.8	4.2
ESE	.4	.4										.9	3.5
SE	.9	.5	.1	.2								1.7	4.5
SSE	1.4	1.3	.3									3.0	4.2
S	2.4	4.0	2.8	.2								9.4	5.7
SSW	.9	3.5	4.6	1.3								10.3	7.4
SW	1.0	1.8	1.8	1.0	.1							5.7	7.2
WSW	.6	.8	.4	.2								2.0	5.2
W	1.2	1.3	.2									2.7	4.0
WNW	.3	.2										.5	3.6
NW	.1	.4	.3									.9	6.3
NNW	.1	.3										.4	4.5
VARBL													
CALM												33.8	
	20.3	26.2	15.5	3.9	.3							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (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	.5	1.2	.5	.2								2.5	5.8
NNE	2.2	2.4	.8	.5	.1							5.9	5.3
NE	2.7	4.5	2.9	.2	.1							10.4	5.5
ENE	3.5	6.9	2.7	.2								13.3	5.0
E	2.5	3.3	.9									6.7	4.2
ESE	1.2	.6										1.8	3.0
SE	1.8	.8	.3	.1								3.0	3.9
SSE	1.4	1.0	.9	.1								3.3	4.8
S	2.4	3.3	3.5	1.1								10.3	6.2
SSW	.6	3.8	3.8	1.2								9.4	7.4
SW	1.4	1.5	2.0	.9	.2							6.0	7.0
WSW	.4	.1	.6	.2								1.4	7.6
W	1.0	.6	.2									1.8	3.9
WNW	.2	.4	.1									.8	4.4
NW	.3	.4	.1									.9	4.1
NNW	.2	.2										.4	3.5
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	22.0	
	22.4	31.1	19.4	4.7	.4							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	OCT
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	.6	.3	1.1								2.4	8.8
NNE	.5	1.7	1.0	.4	.2							3.9	7.3
NE	1.4	4.8	3.7	1.2	.3							11.4	6.8
ENE	1.9	5.4	4.2	1.0	.2							12.7	6.5
E	2.7	5.8	1.9	.3								10.8	5.0
ESE	1.0	1.7	.8	.1								3.5	5.1
SE	.9	1.3	1.1									3.2	5.3
SSE	.6	2.2	1.2									4.0	5.7
S	2.3	5.1	4.0	1.3								12.6	6.6
SSW	.9	4.1	4.9	3.0	.3							13.2	8.0
SW	.5	2.6	2.5	2.3	.1							8.0	8.4
WSW	.1	.6	1.1	.5	.1	.1						2.6	9.6
W	.3	.3	.8	.3	.1							1.8	8.4
WNW	.6	.3	.2									1.2	3.9
NW	.1	.5	.1									.8	5.6
NNW	.2		.4	.1								.8	7.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	7.3	
	14.4	37.1	28.1	11.6	1.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.4	.5	.2								2.9	4.8
NNE	1.6	2.3	1.6	.9	.1							6.5	6.3
NE	3.0	4.4	2.5	1.1	.3							11.3	6.0
ENE	2.3	2.4	2.3	.9								7.7	6.3
E	1.7	1.7	.9	.2								4.5	4.8
ESE	.8	.8	.3									1.8	4.3
SE	1.0	1.0	.4	.2								2.6	5.1
SSE	.3	1.1	.6	.2								2.3	6.3
S	1.6	3.0	2.5	.8								7.8	6.2
SSW	1.6	4.1	5.9	2.7	.2							14.5	7.9
SW	1.1	3.1	5.3	4.2	.3							14.0	9.0
WSW	1.0	.9	2.6	1.3	.2							5.9	8.4
W	1.0	1.7	1.6	.8	.2	.1						5.4	7.7
WNW	.5	.8	.3	.3								1.9	5.7
NW	1.1	.5	.2	.1								1.9	3.8
NNW	.5	.2	.2									1.0	4.1
VARBL													
CALM												8.0	
	20.8	28.3	27.7	13.8	1.4	.1						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.2	.4	.6								4.0	5.1
NNE	2.6	4.2	1.9	.5	.1							9.4	5.5
NE	2.3	2.2	1.6	1.0	.1							7.1	5.9
ENE	1.8	2.9	1.4	.3	.1							6.6	5.4
E	1.8	1.3	.1									3.2	3.4
ESE	.2	.5	.2									1.0	4.7
SE		.3	.3									.6	7.3
SSE	.6	.8	.2	.1								1.7	5.1
S	1.4	2.8	1.7	.6								6.6	6.0
SSW	1.5	4.7	3.4	1.2	.1	.1						11.1	6.9
SW	2.5	4.9	4.0	2.7	.1							14.2	7.2
WSW	1.5	2.7	2.7	1.7	.1							8.7	7.4
W	1.2	1.7	2.0	.5	.3							5.8	7.2
WNW	1.0	1.3	.6	.2								3.1	5.4
NW	1.0	.6	.1	.1								1.8	4.2
NNW	.8	.6	.4									1.8	4.5
VARBL													
CALM												13.3	
	21.8	32.8	21.3	9.7	1.0	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	1.0		.1							4.5	4.8
NNE	1.9	3.2	1.1	.3								6.6	5.0
NE	1.5	1.1	.9	.1								3.5	4.9
ENE	1.5	2.6	.9									4.9	4.6
E	1.7	1.2	.3									3.2	3.5
ESE	.5	.2	.1									.9	3.5
SE	.4	.8	.1									1.3	4.1
SSE	.6	.5	.3	.2								1.7	5.6
S	3.0	1.7	.3	.1								5.2	3.8
SSW	3.1	3.9	1.7	1.2	.1							10.0	5.8
SW	2.3	1.9	2.2	.8	.1							7.2	6.1
WSW	1.6	3.3	1.5	.6								7.1	5.7
W	2.3	1.5	1.1	.8								5.6	5.5
WNW	.4	.4	.3	.1								1.3	5.2
NW	.5	.5	.1									1.2	3.8
NNW	.3	1.1		.1								1.5	4.5
VARBL													
CALM												34.3	
	23.5	25.7	11.8	4.3	.3							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (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	1.2	1.3	.6									3.1	4.4
NNE	1.1	1.8	.5	.2	.1							3.8	5.3
NE	1.9	2.4	1.2	.2	.1							5.8	5.5
ENE	2.0	3.9	1.1	.1								7.1	4.7
E	.8	1.2	.3									2.3	4.2
ESE	.1	.4										.5	3.8
SE	.6	.3										1.0	3.4
SSE	1.3	.6	.2	.1								2.3	4.1
S	1.9	3.0	1.3	.8	.2							7.2	6.1
SSW	1.8	2.7	2.6	1.9	.1							9.1	7.3
SW	1.7	2.5	1.6									5.8	5.0
WSW	1.3	2.2	1.3	.1								4.8	5.2
W	2.9	2.6	.8									6.2	4.0
WNW	.4	.9										1.3	4.0
NW	.4	1.0										1.4	4.1
NNW	.3	1.1	.1									1.5	4.6
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	36.8	
	19.9	27.7	11.6	3.4	.5							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3	.5	.3	.0							2.9	5.5
NNE	1.7	2.4	1.5	.4	.1							5.5	5.6
NE	2.5	3.2	1.9	.6	.1							8.2	5.7
ENE	2.3	4.3	1.9	.3	.0							8.9	5.3
E	1.7	2.1	.7	.1								4.6	4.4
ESE	.6	.6	.2	.0								1.4	4.1
SE	.8	.7	.3	.1								1.8	4.5
SSE	.8	1.0	.5	.1								2.5	5.1
S	2.3	3.2	2.3	.7	.0							8.5	5.9
SSW	1.6	3.7	3.8	1.8	.1	.0						11.0	7.3
SW	1.5	2.5	2.7	1.6	.1							8.4	7.4
WSW	.9	1.5	1.4	.6	.1	.0						4.4	6.8
W	1.4	1.4	.9	.3	.1	.0						4.1	5.7
WNW	.5	.6	.2	.1	.0							1.5	4.9
NW	.5	.6	.1	.0								1.3	4.3
NNW	.3	.5	.1	.0								1.1	4.7
VARBL													
CALM												24.0	
	20.4	29.2	18.5	7.0	.7	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	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	.9	.4	.2									1.6	3.9
NNE	1.8	3.6	1.0	.6	.2							7.1	5.7
NE	2.8	3.1	3.3	.8	.1	.1						10.2	6.4
ENE	3.3	4.1	1.3									8.8	4.5
E	2.1	1.1	.4	.3								4.0	4.1
ESE	.8	.9	.1									1.8	3.8
SE	.4	.9	.4	.1								1.9	5.6
SSE	1.6	1.6	.8									3.[illegible]	4.6
S	1.7	3.7	3.3	1.2								9.[illegible]	6.8
SSW	1.6	4.2	3.9	1.9	.6							12.1	7.8
SW	1.0	1.9	2.8	1.2	.1	.2						7.2	8.0
WSW	.7	.9	.3	1.0	.3							3.2	8.9
W	.8	2.2	.9									3.9	5.3
WNW	.1	.6										.7	4.3
NW		.3										.3	4.[illegible]
NNW	.4	.3	.1									.9	3.5
VARBL													
CALM												22.6	
	19.9	29.8	19.0	7.1	1.3	.3						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.7	1.3	.7									3.7	4.2
NNE	2.1	3.3	1.2	.7								7.3	5.5
NE	2.0	4.2	1.9	.9	.3	.1						9.4	6.6
ENE	2.3	5.0	2.4	.1								9.9	4.9
E	2.2	2.8	.3									5.3	3.8
ESE	.9	.6	.6									2.0	4.5
SE	.8	1.8	.8									3.3	5.0
SSE	2.0	1.2	.4	.2	.2							4.1	5.0
S	2.1	4.8	3.3	.9								11.1	6.1
SSW	1.6	3.1	4.4	1.3	.4							10.9	7.6
SW	.6	1.6	2.7	1.4	.4							6.7	9.1
WSW	.2	.8	1.0	.7		.1						2.8	8.7
W	.9	.8	.2	.2								2.1	5.2
WNW	.2	.3										.6	4.0
NW		.1										.1	4.0
NNW		.1										.1	4.0
VARBL													
CALM												20.6	
	19.6	31.8	20.0	6.4	1.4	.2						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-9-5 (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)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.7	.2									1.8	3.7
NNE	1.7	3.7	1.6	1.0	.2							8.1	6.4
NE	2.1	4.7	2.6	.8	.2							10.3	6.1
ENE	2.4	5.6	2.7	.1								10.8	5.1
E	1.7	2.0	.4	.1								4.2	4.3
ESE	.7	.6	.4									1.7	4.5
SE	.9	.8	.8	.1								2.6	5.0
SSE	1.3	2.1	1.0	.1								4.6	5.1
S	2.9	2.8	3.1	1.2	.1							10.1	6.3
SSW	1.0	2.8	4.8	1.7	.2							10.4	7.8
SW	1.0	1.8	2.4	2.3	.3							7.9	8.9
WSW	.2	.7	.9	.9	.2							2.9	9.2
W	.3	.8	.2	.3								1.7	6.5
WNW	.4	.1	.1									.7	3.5
NW	.2	.3	.1									.7	4.5
NNW	.6	.1										.7	2.5
VARBL													
CALM												21.0	
	18.3	29.3	21.3	8.7	1.3							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.3	.2								1.8	5.2
NNE	.6	2.3	1.8	.7	.3							5.7	7.5
NE	1.1	4.7	4.1	1.6	.3							11.8	7.2
ENE	2.2	5.1	2.6	1.1		.1						11.1	6.2
E	2.8	4.2	.8	.1								7.9	4.3
ESE	1.4	.9	.2									2.6	3.5
SE	.8	2.0	1.2	.2								4.2	5.9
SSE	1.2	1.9	2.8	.3								6.2	6.4
S	2.1	4.9	3.4	1.0	.3							11.8	6.6
SSW	1.8	2.8	3.4	1.2	.4	.1						9.8	7.6
SW	.4	2.3	2.9	2.3	.4	.1						8.6	9.2
WSW	.1	1.0	1.1	.8	.6							3.6	10.3
W	.3	.6	.8	1.1	.1							2.9	9.8
WNW	.3	.2	.6									1.1	6.2
NW	.3	.2	.3									.9	5.1
NNW		.1		.1								.2	7.5
VARBL													
CALM												10.0	
	16.3	33.7	26.3	10.8	2.6	.3						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1	.2	.1								.7	6.5
NNE	.9	1.8	1.6	.3		.1						4.7	6.6
NE	.6	4.2	4.8	1.7	.2	.1						11.6	7.8
ENE	1.7	4.3	3.2	.2	.2							9.7	6.2
E	1.4	3.1	1.1	.2								5.9	5.1
ESE	.8	1.3	.3									2.4	4.5
SE	1.4	1.0	.8	.1								3.3	5.0
SSE	.9	2.0	.9	.4								4.2	5.8
S	1.4	5.8	3.8	1.1								12.1	6.4
SSW	1.8	4.3	4.7	1.6	.1	.3						12.8	7.5
SW	.3	1.6	4.0	2.9	.4	.1						9.3	9.9
WSW	.4	1.1	2.4	1.3	.3	.2						5.9	9.7
W	.6	.8	1.0	1.8	.3							4.4	10.1
WNW	.7	.2	.8	.7								2.3	7.9
NW	.2	.2	.2	.1								.8	6.3
NNW	.1	.4										.6	3.8
VARBL													
CALM												9.2	
	13.5	32.4	29.8	12.6	1.7	.9						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	.4	.1								2.2	5.0
NNE	1.6	4.6	1.1	.8	.1							8.1	5.9
NE	.8	5.3	4.0	1.0	.2							11.3	7.0
ENE	2.0	4.8	1.7	.1								8.6	4.9
E	1.4	2.1	.7									4.2	4.5
ESE	1.0	1.0	.2									2.2	3.9
SE	.8	.9	.2									1.9	4.0
SSE	1.3	1.6	.7	.4								4.0	5.4
S	3.9	6.1	2.4	.6								13.0	5.0
SSW	1.0	3.2	3.2	.6	.2	.1						8.3	7.3
SW	.7	2.0	3.4	2.8	.3	.1						9.3	9.2
WSW	.4	1.7	1.2	1.9	.3							5.6	9.1
W	.9	.7	1.2	.8	.1							3.7	7.8
WNW	.8		.6	.1								1.4	5.6
NW		.1	.1									.2	8.0
NNW	.4	.1	.3	.1								1.0	5.3
VARBL													
CALM												14.9	
	17.6	35.2	21.6	9.2	1.3	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	.1									2.6	4.0
NNE	2.1	4.3	.8	.7	.1							8.0	5.4
NE	1.9	4.0	1.8	1.1	.1							8.9	6.2
ENE	3.2	4.2	1.2	.1								8.8	4.5
E	1.7	1.6	.3	.1								3.7	4.0
ESE	.2	.4	.1									.8	4.4
SE	1.0	.9	.3									2.2	4.3
SSE	1.1	1.6	1.2	.4								4.3	6.1
S	3.0	3.2	1.8	.8	.1							8.9	5.6
SSW	1.4	2.0	3.0	1.6	.6							8.6	8.4
SW	1.6	1.1	2.3	2.4	.1	.1						7.7	8.5
WSW	1.0	1.6	1.6	.4								4.6	6.2
W	.8	.8	.7	.6								2.8	6.3
WNW	.3	.1	.4									.9	5.5
NW	.3	.3	.4									1.1	5.1
NNW	.3	1.0	.1									1.4	4.0
VARBL													
CALM												24.8	
	20.7	28.9	16.2	8.2	1.0	.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	.4	.1								3.2	4.3
NNE	1.9	3.0	.8	.6	.1							6.3	5.5
NE	2.3	3.7	2.8	1.3								10.1	6.4
ENE	1.6	4.2	1.4									7.2	5.0
E	1.9	2.0	.3									4.2	3.8
ESE	1.0	.4	.2									1.7	3.8
SE	.4	.8	.4									1.7	4.8
SSE	1.4	1.7	1.6	.2								4.9	5.3
S	1.4	3.2	2.2	1.0								7.9	6.3
SSW	.9	2.4	2.4	1.7	.7							8.1	8.4
SW	.9	1.7	3.7	2.4	.2	.1						9.0	9.0
WSW	.9	1.4	1.9	.6	.1							4.9	6.9
W	.9	1.2	.8	.1	.1							3.1	6.0
WNW	.4	.7	.1									1.2	4.1
NW	.1	.2										.3	5.0
NNW	.4	.1	.1									.7	3.3
VARBL													
CALM												25.4	
	17.9	28.1	19.2	8.0	1.2	.1						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (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	.9	.9	.3	.1								2.2	4.4
NNE	1.6	3.3	1.2	.7	.1	.0						6.9	6.0
NE	1.7	4.2	3.2	1.1	.2	.0						10.5	6.8
ENE	2.3	4.7	2.1	.2	.0	.0						9.3	5.2
E	1.9	2.4	.6	.1								4.9	4.3
ESE	.8	.8	.3									1.9	4.1
SE	.8	1.1	.6	.1								2.6	5.0
SSE	1.4	1.7	1.2	.3	.0							4.5	5.5
S	2.3	4.3	2.9	1.0	.1							10.6	6.1
SSW	1.4	3.1	3.7	1.4	.4	.1						10.1	7.8
SW	.8	1.7	3.0	2.2	.3	.1						8.2	9.0
WSW	.5	1.1	1.3	.9	.2	.0						4.2	8.6
W	.7	1.0	.7	.6	.1							3.1	7.3
WNW	.4	.3	.3	.1								1.1	5.7
NW	.2	.2	.2	.0								.6	5.3
NNW	.3	.3	.1	.0								.7	4.0
VARBL													
CALM												18.6	
	18.0	31.1	21.7	8.9	1.5	.3						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 7198

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (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	.8	1.8	.9									3.4	5.1
NNE	1.1	2.3	1.6	.4								5.4	5.8
NE	1.7	3.0	.9	1.1								6.7	6.1
ENE	1.8	4.2	1.4	.5								8.0	5.4
E	1.2	1.2	.4									2.8	4.0
ESE	.2	.1	.1									.4	4.3
SE	.8	.8	.5	.2								2.3	5.5
SSE	.5	1.9	1.6	.4	.1							4.6	6.8
S	1.8	3.8	2.5	1.6	.4							10.1	7.4
SSW	1.7	2.6	2.8	2.4	1.5	.5	.1					11.6	10.3
SW	1.2	2.3	2.7	3.5	1.7	.2						11.6	10.7
WSW	.5	.9	.8	.6	.2							3.0	8.2
W	1.0	1.4	.6	.3								3.3	5.7
WNW	.2	.6	.2	.1								1.2	5.6
NW	.3	.3	.3									1.0	4.6
NNW	.4	.6	.4									1.5	5.0
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	23.1	
	15.3	27.7	17.7	11.3	4.0	.8	.1					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	.6									3.1	4.5
NNE	1.3	2.6	1.1	.4								5.4	5.6
NE	2.3	4.6	1.2	1.0								8.8	5.6
ENE	2.3	4.3	2.0	.1								8.7	5.2
E	.8	1.5	.5									2.8	5.0
ESE	.8	.5	.1	.1								1.5	4.4
SE	1.2	.6	.6									2.5	4.5
SSE	1.4	2.5	.8	.3								4.9	5.3
S	2.7	3.0	2.4	1.3	.3							9.7	6.7
SSW	1.3	2.5	3.7	3.1	1.6	.2						12.4	9.9
SW	.8	1.8	2.5	3.4	1.0	.3						9.8	10.6
WSW	.5	1.4	1.0	1.1	.2							4.2	8.3
W	.9	1.4	.4	.3								3.0	5.5
WNW	.1	.4										.5	4.4
NW	.1	.4	.2	.1								.9	7.1
NNW	.1	.4	.5									1.1	6.6
VARBL													
CALM												20.8	
	17.0	29.7	17.6	11.3	3.1	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.7	.4									3.2	4.5
NNE	1.6	2.8	.9	.4								5.7	5.4
NE	1.3	4.6	1.6	.5	.1							8.2	6.0
ENE	2.5	4.5	2.0	.1								9.1	4.8
E	2.3	1.5	.5									4.3	3.9
ESE	.5	.5	.2									1.3	4.1
SE	.8	.9	.6	.3	.1							2.7	6.7
SSE	1.8	2.5	.4	.5								5.3	5.1
S	2.5	3.7	3.0	1.3	.4							10.9	6.9
SSW	1.3	2.7	2.5	3.7	.5							10.6	9.0
SW	.8	1.7	2.4	2.8	.5	.3						8.5	10.1
WSW	.3	1.0	1.2	.8	.4	.1						3.8	9.5
W	1.1	1.0	.5	.3								2.9	5.3
WNW	.2	.2	.2									.6	4.3
NW	.2	.3	.1									.6	4.5
NNW	.6	.6	.1									1.4	4.1
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	20.9	
	18.8	30.2	16.8	10.8	2.2	.4						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	.1	.1								1.8	4.5
NNE	1.5	1.5	.8	.5								4.3	5.5
NE	1.8	3.5	3.0	1.1	.3							9.8	6.6
ENE	1.3	4.6	2.7	.3	.1							9.0	5.9
E	1.8	3.0	.3	.1								5.3	4.3
ESE	.9	.9	.2									1.9	3.9
SE	.3	1.0	.5									1.8	5.7
SSE	1.2	2.0	2.3	.9	.2							6.6	7.2
S	2.8	3.9	3.2	1.9	.2							12.0	6.9
SSW	1.6	2.4	3.2	3.3	.4							11.0	8.6
SW	.5	1.9	1.5	3.2	1.6	.8						9.6	12.0
WSW	.9	1.0	1.3	.6	.1	.1						4.0	7.7
W	.5	1.3	1.4	.6	.1							4.0	7.4
WNW	.5	.4	.2	.1								1.3	5.2
NW	.4	.3	.2									1.0	4.4
NNW	.4	.4	.1									1.0	4.1
VARBL													
CALM												15.7	
	17.2	29.1	21.1	12.9	3.1	.9						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	.1	.1								1.1	5.7
NNE	1.3	1.9	1.2	.4	.1							4.9	6.0
NE	1.8	4.7	2.9	1.0	.3							10.8	6.6
ENE	1.9	4.8	2.2	.9								9.8	5.7
E	1.5	1.9	.5									4.0	4.3
ESE	.4	1.0	.1									1.5	4.5
SE	.6	1.7	.6	.2								3.2	5.6
SSE	1.4	1.4	1.8	1.2								5.8	7.0
S	2.5	3.8	2.9	.9	.2							10.2	6.3
SSW	2.2	3.1	4.1	2.9	.3							12.6	8.3
SW	.8	1.9	2.0	3.9	1.3	.2						10.1	10.9
WSW	.6	1.1	1.4	1.3	.4	.5						5.5	10.5
W	1.1	1.3	.6	1.1	.1							4.2	7.3
WNW	.4	.6	.3	.1								1.5	5.5
NW	.2	.8	.4									1.4	5.7
NNW	.1	.5	.5									1.2	6.3
VARBL													
CALM												12.3	
	17.2	31.3	21.8	13.9	2.8	.8						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	.4									1.5	5.3
NNE	1.9	2.4	1.2	.3								5.8	5.1
NE	2.0	4.1	2.5	.6	.1							9.4	6.1
ENE	2.0	4.1	1.1	.4								7.6	5.1
E	1.2	1.8	.4									3.4	4.4
ESE	1.1	1.2	.5	.1								2.9	4.9
SE	1.1	1.1	.6	.6	.1							3.5	6.5
SSE	1.2	1.1	2.3	.6	.1	.1						5.4	7.5
S	2.0	4.1	2.3	1.3								9.7	6.3
SSW	1.5	2.9	3.4	1.9	1.2	.1						11.1	8.8
SW	1.7	2.4	1.7	2.8	.9	.2						9.7	9.6
WSW	1.2	1.3	1.3	1.0	.3							5.1	8.0
W	1.1	2.5	1.1	1.4	.1							6.1	7.0
WNW	.6	1.0	.4									2.0	5.1
NW		.2	.1									.3	5.3
NNW	.3	.5										.9	3.8
VARBL													
CALM												15.6	
	19.4	31.3	19.4	11.2	2.8	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 FAIRCHILD AFB WA 69-78 DEC

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	.6	1.1	.6									2.4	5.3
NNE	2.2	2.9	1.1									6.1	4.4
NE	1.0	3.5	1.7	.8								7.0	6.4
ENE	1.8	4.5	1.0	.2								7.5	4.9
E	1.6	1.2	.3	.1								3.2	3.9
ESE	.4	.9		.1								1.4	4.5
SE	.3	.8	.5	.3								1.9	6.4
SSE	1.2	2.4	2.2	1.9	.1							7.7	7.8
S	1.3	2.9	3.9	.4	.2							8.7	7.0
SSW	1.6	2.6	3.4	2.7	.8							11.1	8.6
SW	1.2	2.2	1.9	2.4	1.3	.5						9.5	10.6
WSW	.9	1.2	.8	.9	.3							4.0	7.8
W	1.0	2.3	1.0	.5								4.7	5.6
WNW	.8	.3	.5	.1								1.7	5.4
NW	.5		.2									.8	3.9
NNW	.3	.9	.1									1.3	4.6
VARBL													
CALM	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	21.0	
	16.7	29.5	19.2	10.4	2.7	.5						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114	FAIRCHILD AFB WA	69-78	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.4	.2									2.5	4.2
NNE	2.3	3.5	1.5	.2	.1							7.6	5.1
NE	1.3	2.5	.9	1.3								5.6	6.9
ENE	1.9	4.1	1.9	.1								8.1	5.1
E	1.3	1.6	.3									3.2	4.1
ESE	.6	.2										.9	3.0
SE	.2	.5	.5	.1	.1							1.5	7.4
SSE	.9	1.4	1.7	1.5	.1							5.6	6.0
S	1.7	3.5	3.8	2.8	.2	.1						12.2	8.1
SSW	.9	2.9	3.4	2.7	1.5	.1	.1					11.6	10.1
SW	.9	2.0	1.8	2.3	.9	.3						7.1	10.9
WSW	.6	1.1	.9	.8	.2							3.5	7.8
W	1.6	1.6	.5	.2	.1							4.1	4.8
WNW	.5	.2	.1									.9	3.4
NW	1.2		.2									1.4	3.1
NNW	.3	.5										.9	4.3
VARBL													
CALM												23.4	
	16.8	26.1	17.8	11.9	3.2	.5	.1					100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (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	1.2	.4	.0								2.4	4.8
NNE	1.6	2.5	1.2	.3	.0							5.7	5.3
NE	1.6	3.8	1.8	.9	.1							8.3	6.3
ENE	1.9	4.4	1.8	.3	.0							8.5	5.3
E	1.5	1.7	.4	.0								3.6	4.2
ESE	.6	.7	.2	.0								1.5	4.3
SE	.7	.9	.6	.2	.0							2.4	6.0
SSE	1.2	1.9	1.6	.9	.1	.0						5.7	6.9
S	2.2	3.6	3.0	1.4	.3	.0						10.4	7.0
SSW	1.5	2.7	3.3	2.8	1.0	.1	.0					11.5	9.2
SW	1.0	1.9	2.1	3.0	1.1	.4						9.5	10.7
WSW	.7	1.1	1.1	.9	.3	.1						4.1	8.6
W	1.0	1.6	.8	.6	.1							4.0	6.2
WNW	.4	.5	.3	.1								1.2	5.0
NW	.4	.3	.2	.0								.9	4.7
NNW	.3	.6	.2									1.1	4.9
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	19.1	
	17.3	29.4	18.9	11.7	3.0	.6	.0					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-79 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 -	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	.5	.1	.0	.0						2.5	5.1
NNE	1.3	2.0	1.1	.5	.1	.0						5.1	6.1
NE	1.7	2.8	1.8	.6	.1	.0	.0					7.1	6.2
ENE	1.8	3.2	1.8	.3	.0	.0						7.1	5.5
E	1.7	1.9	.6	.1	.0	.0						4.4	4.4
ESE	.7	.6	.2	.0	.0							1.5	4.2
SE	.9	.8	.3	.1	.0							2.0	4.6
SSE	1.1	1.3	.7	.2	.0	.0						3.4	5.3
S	2.5	4.0	2.9	.8	.1	.0						10.3	6.0
SSW	1.6	3.9	4.7	2.3	.4	.1	.0	.0				13.0	7.9
SW	1.4	2.7	3.9	2.7	.5	.1	.0	.0				11.3	8.8
WSW	1.1	1.8	1.9	1.3	.2	.1	.0	.0				6.3	7.9
W	1.2	1.8	1.3	.7	.1	.0						5.1	6.6
WNW	.5	.7	.4	.1	.0							1.6	5.5
NW	.3	.4	.2	.1	.0							1.0	5.2
NNW	.3	.5	.2	.1	.0							1.1	5.0
VARBL													
CALM												17.3	
	18.9	29.3	22.6	10.0	1.5	.4	.1	.0				100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 87629

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-79 (YEARS) ALL (MONTH)

INSTRUMENT (CLASS) ALL (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	.7	.8	.3	.0								1.9	4.6
NNE	1.5	2.0	.8	.3	.1	.0						4.8	5.6
NE	2.0	3.0	1.8	.3	.1	.0						7.2	5.6
ENE	2.3	3.6	1.7	.2	.0							7.8	5.0
E	2.1	2.1	.5	.1								4.8	4.2
ESE	.6	.7	.3	.1	.0							1.7	4.9
SE	.9	1.0	.6	.2	.0							2.7	5.3
SSE	1.2	1.4	1.1	.7	.1	.0						4.5	6.5
S	2.7	4.3	3.7	1.9	.2	.0						12.5	6.7
SSW	1.9	4.0	5.2	2.9	.5	.1	.1					14.6	8.3
SW	1.4	2.8	3.2	2.4	.6	.1						10.5	8.7
WSW	.9	1.3	1.0	.4	.2	.0		.0				3.8	6.8
W	1.0	1.1	.5	.2	.0	.0						2.8	5.4
WNW	.4	.3	.2	.0								.9	4.3
NW	.2	.2	.1	.0								.6	4.7
NNW	.2	.2	.1	.0								.6	4.8
VARBL													
CALM												18.5	
	19.9	29.0	21.0	9.4	1.8	.4	.1	.0				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 10116

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅜	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0							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 = 99.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

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

ADDITIONAL EXAMPLES

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

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

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

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.8	29.4	29.6	29.7	30.1	30.2	30.5	30.6	30.6	30.8	30.9	30.9	31.3	31.4	32.3	32.7
≥ 20000	30.0	30.5	30.8	30.9	31.4	31.5	31.8	31.9	31.9	32.0	32.3	32.3	32.7	32.8	33.7	34.1
≥ 18000	30.3	30.9	31.1	31.2	31.7	31.8	32.2	32.3	32.3	32.4	32.6	32.6	33.0	33.1	34.0	34.4
≥ 16000	30.8	31.3	31.6	31.7	32.3	32.4	32.7	32.8	32.8	32.9	33.1	33.1	33.5	33.7	34.5	34.9
≥ 14000	32.3	32.9	33.2	33.3	34.0	34.1	34.4	34.5	34.5	34.6	34.9	34.9	35.4	35.5	36.3	36.8
≥ 12000	34.2	34.8	35.2	35.3	35.9	36.0	36.3	36.5	36.5	36.7	37.0	37.0	37.4	37.5	38.4	38.8
≥ 10000	36.8	37.8	38.2	38.3	38.9	39.3	39.4	39.5	39.5	39.7	40.0	40.0	40.4	40.5	41.4	41.8
≥ 9000	37.8	39.0	39.4	39.5	40.1	40.2	40.5	40.6	40.6	40.9	41.2	41.2	41.6	41.7	42.6	43.0
≥ 8000	40.3	41.5	41.9	42.0	42.7	42.8	43.2	43.3	43.3	43.5	43.9	43.9	44.3	44.4	45.3	45.7
≥ 7000	43.4	44.7	45.2	45.3	45.9	46.0	46.5	46.6	46.6	46.8	47.1	47.1	47.5	47.6	48.5	48.9
≥ 6000	44.4	46.1	46.5	46.6	47.2	47.3	47.7	48.0	48.0	48.2	48.5	48.5	48.9	49.0	49.9	50.3
≥ 5000	46.6	48.4	48.8	48.9	49.8	49.9	50.3	50.5	50.5	50.8	51.1	51.1	51.5	51.6	52.5	52.9
≥ 4500	48.2	50.0	50.4	50.6	51.5	51.6	52.0	52.3	52.3	52.5	52.8	52.8	53.2	53.3	54.2	54.6
≥ 4000	49.8	51.7	52.2	52.4	53.2	53.3	53.8	54.0	54.0	54.2	54.5	54.5	54.9	55.1	55.9	56.3
≥ 3500	50.4	52.5	52.9	53.1	54.0	54.1	54.5	54.7	54.7	54.9	55.3	55.3	55.7	55.8	56.7	57.1
≥ 3000	51.8	54.0	54.6	54.8	55.7	55.8	56.2	56.5	56.5	56.8	57.1	57.1	57.5	57.6	58.5	58.9
≥ 2500	53.1	56.0	56.8	57.1	58.0	58.1	58.5	58.7	58.7	59.0	59.4	59.4	59.8	59.9	60.8	61.2
≥ 2000	54.2	57.2	58.1	58.3	59.1	59.2	59.8	60.1	60.2	60.5	60.9	60.9	61.3	61.4	62.3	62.7
≥ 1800	54.3	57.4	58.2	58.5	59.5	59.6	60.3	60.6	60.8	61.1	61.4	61.4	61.8	61.9	62.8	63.2
≥ 1500	54.9	58.3	59.0	59.4	60.3	60.4	61.5	62.0	62.3	62.8	63.1	63.1	63.5	63.7	64.5	64.9
≥ 1200	55.7	59.7	60.6	61.2	62.3	62.4	63.7	64.2	64.4	64.9	65.3	65.3	65.7	65.8	66.7	67.1
≥ 1000	56.2	60.9	61.8	62.6	64.0	64.3	65.6	66.2	66.5	67.0	67.3	67.3	67.7	67.8	68.7	69.1
≥ 900	57.0	62.3	63.3	64.4	65.8	66.1	67.4	68.2	68.5	69.0	69.4	69.4	69.8	69.9	70.8	71.2
≥ 800	58.2	63.7	64.7	65.8	67.2	67.5	68.8	69.6	69.9	70.5	70.9	70.9	71.3	71.4	72.3	72.7
≥ 700	58.9	64.5	65.6	66.7	68.1	68.4	69.7	70.5	70.9	71.9	72.5	72.5	72.9	73.0	73.9	74.3
≥ 600	59.8	65.8	66.9	68.2	69.7	70.0	71.4	72.6	73.0	74.3	75.1	75.1	75.9	76.0	76.9	77.3
≥ 500	60.2	66.3	67.4	68.8	70.4	70.8	72.5	74.3	75.5	77.0	77.8	77.8	78.7	78.8	80.0	80.5
≥ 400	60.6	67.2	68.4	69.8	71.7	72.0	73.8	75.6	76.9	78.4	79.6	79.6	80.4	80.5	81.7	82.4
≥ 300	61.3	67.7	69.1	70.6	73.1	73.8	76.1	78.6	80.2	82.6	84.6	84.6	86.0	86.1	88.2	90.1
≥ 200	61.0	67.7	69.1	70.6	73.1	73.9	76.6	79.0	80.6	83.4	86.1	86.2	88.7	90.0	93.4	97.3
≥ 100	61.0	67.7	69.1	70.6	73.1	73.9	76.6	79.0	80.6	83.7	86.6	86.7	89.2	90.5	94.4	100.0
0	61.0	67.7	69.1	70.6	73.1	73.9	76.6	79.0	80.6	83.7	86.6	86.7	89.2	90.5	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5357

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94214 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	25.2	25.5	25.5	25.6	25.9	25.9	25.9	25.9	26.0	26.1	26.2	26.2	26.7	26.7	27.3	27.6
≥ 20000	26.9	27.4	27.4	27.5	27.8	27.8	28.0	28.0	28.1	28.2	28.5	28.5	28.9	28.9	29.7	30.1
≥ 18000	27.3	28.0	28.0	28.1	28.4	28.4	28.5	28.5	28.6	28.7	29.0	29.0	29.5	29.5	30.2	30.6
≥ 16000	28.0	28.6	28.6	28.7	29.0	29.0	29.1	29.1	29.2	29.5	29.8	29.8	30.2	30.2	31.0	31.4
≥ 14000	28.8	29.5	29.5	29.6	30.0	30.0	30.1	30.1	30.2	30.4	30.8	30.8	31.2	31.2	31.9	32.4
≥ 12000	31.3	31.9	31.9	32.0	32.5	32.5	32.6	32.6	32.7	32.9	33.2	33.2	33.7	33.7	34.4	34.8
≥ 10000	33.9	34.5	34.5	34.6	35.1	35.1	35.2	35.2	35.3	35.5	35.8	35.8	36.2	36.2	37.0	37.5
≥ 9000	35.3	36.0	36.0	36.1	36.6	36.6	36.7	36.7	36.8	37.0	37.3	37.3	37.7	37.7	38.5	39.0
≥ 8000	38.1	39.0	39.0	39.1	39.6	39.6	39.7	39.7	39.8	40.0	40.3	40.3	40.8	40.8	41.5	42.0
≥ 7000	40.5	41.5	41.5	41.6	42.0	42.0	42.2	42.2	42.3	42.5	42.8	42.8	43.2	43.2	44.0	44.5
≥ 6000	43.3	44.3	44.3	44.4	44.6	44.6	44.7	44.7	44.8	45.1	45.4	45.4	45.8	45.8	46.6	47.1
≥ 5000	46.7	48.1	48.1	48.2	48.7	48.7	48.8	48.8	48.9	49.1	49.5	49.5	49.9	49.9	50.6	51.2
≥ 4500	47.4	49.2	49.2	49.4	49.9	49.9	50.0	50.0	50.1	50.3	50.6	50.6	51.1	51.1	51.8	52.4
≥ 4000	49.5	51.3	51.6	51.8	52.4	52.4	52.5	52.5	52.6	52.8	53.1	53.1	53.5	53.5	54.3	54.8
≥ 3500	49.8	51.9	52.0	52.3	52.8	52.8	52.9	52.9	53.0	53.2	53.5	53.5	54.0	54.0	54.7	55.3
≥ 3000	51.6	53.9	54.2	54.5	55.1	55.1	55.2	55.2	55.3	55.5	55.8	55.8	56.2	56.2	57.0	57.5
≥ 2500	52.6	55.5	56.0	56.3	56.9	56.9	57.0	57.1	57.2	57.4	57.7	57.7	58.3	58.3	59.0	59.6
≥ 2000	53.7	56.5	57.0	57.3	58.1	58.1	58.4	58.6	58.8	59.0	59.4	59.4	59.9	59.9	60.6	61.2
≥ 1800	53.9	56.7	57.2	57.7	58.5	58.5	58.8	59.0	59.2	59.6	59.9	59.9	60.4	60.4	61.2	61.7
≥ 1500	54.1	57.0	57.5	58.1	58.8	58.8	59.1	59.6	60.0	60.3	60.6	60.6	61.2	61.2	61.9	62.5
≥ 1200	54.7	58.0	58.5	59.1	60.1	60.1	60.8	61.3	61.7	62.0	62.4	62.4	62.9	62.9	63.7	64.2
≥ 1000	55.4	59.5	60.1	61.0	62.4	62.5	63.1	64.0	64.5	64.9	65.3	65.3	65.8	65.8	66.6	67.1
≥ 900	56.3	60.5	61.2	62.5	63.9	64.0	64.6	65.6	66.1	66.6	66.9	66.9	67.4	67.4	68.2	68.7
≥ 800	56.5	61.3	62.2	63.4	64.8	64.9	65.6	67.0	67.5	68.0	68.3	68.3	68.8	68.8	69.6	70.1
≥ 700	56.6	61.7	62.6	63.9	65.4	65.5	66.1	67.6	68.3	68.9	69.7	69.7	70.2	70.2	71.0	71.5
≥ 600	57.6	63.1	64.0	65.3	67.3	67.4	68.2	70.0	70.9	71.6	72.6	72.6	73.4	73.4	74.2	74.7
≥ 500	58.2	64.4	65.3	66.6	69.0	69.1	70.1	72.0	73.4	74.4	75.5	75.6	76.5	76.5	77.3	78.0
≥ 400	58.6	65.6	66.7	68.2	71.1	71.2	72.6	74.8	76.3	77.5	78.6	78.8	79.8	79.9	81.0	81.6
≥ 300	58.9	66.5	67.3	69.5	72.9	73.0	74.8	77.6	80.0	81.9	84.2	84.5	86.5	86.9	88.7	91.1
≥ 200	59.0	66.7	67.6	69.9	73.4	73.7	75.5	78.3	80.8	83.1	85.9	86.3	89.0	90.1	93.9	97.2
≥ 100	59.0	66.7	67.6	69.9	73.4	73.7	75.5	78.5	81.1	83.4	86.2	86.7	89.5	90.5	95.1	100.0
≥ 0	59.0	66.7	67.6	69.9	73.4	73.7	75.5	78.5	81.1	83.4	86.2	86.7	89.5	90.5	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	22.6	23.2	23.3	23.3	23.5	23.5	23.7	24.2	24.2	24.2	24.6	24.6	24.9	24.9	25.2	25.4
≥ 20000	25.1	25.7	25.8	25.8	26.0	26.0	26.2	26.8	26.8	26.8	27.2	27.2	27.5	27.5	27.7	28.0
≥ 18000	25.9	26.6	26.7	26.7	26.9	26.9	27.1	27.6	27.6	27.6	28.1	28.1	28.4	28.4	28.6	28.8
≥ 16000	26.0	26.7	26.8	26.8	27.0	27.0	27.2	27.7	27.7	27.7	28.2	28.2	28.5	28.5	28.7	28.9
≥ 14000	27.0	27.6	27.7	27.7	28.0	28.0	28.2	28.7	28.7	28.7	29.2	29.2	29.7	29.7	29.9	30.1
≥ 12000	29.2	29.9	30.0	30.0	30.2	30.2	30.4	31.0	31.0	31.0	31.5	31.5	31.9	31.9	32.2	32.4
≥ 10000	31.3	31.9	32.1	32.2	32.3	32.3	32.5	33.0	33.0	33.0	33.5	33.5	34.0	34.0	34.2	34.4
≥ 9000	32.8	33.4	33.5	33.5	33.8	33.8	34.0	34.5	34.5	34.5	35.1	35.1	35.5	35.5	35.8	36.0
≥ 8000	34.7	35.8	35.9	36.0	36.2	36.2	36.5	37.0	37.0	37.0	37.6	37.6	38.1	38.1	38.5	38.7
≥ 7000	37.0	38.2	38.3	38.4	38.6	38.6	38.8	39.4	39.4	39.4	40.0	40.0	40.4	40.4	40.9	41.1
≥ 6000	38.7	39.9	40.0	40.1	40.3	40.3	40.5	41.1	41.1	41.1	41.7	41.7	42.2	42.2	42.6	42.8
≥ 5000	40.9	42.7	42.8	42.9	43.1	43.1	43.3	43.9	43.9	43.9	44.5	44.5	44.9	44.9	45.4	45.6
≥ 4500	41.6	44.2	44.3	44.4	44.6	44.6	44.8	45.4	45.4	45.4	46.0	46.0	46.5	46.5	46.9	47.1
≥ 4000	44.1	47.0	47.2	47.3	47.6	47.6	47.8	48.5	48.5	48.5	49.1	49.1	49.6	49.6	50.0	50.2
≥ 3500	45.6	48.5	48.8	48.9	49.4	49.4	49.6	50.2	50.2	50.2	50.9	50.9	51.3	51.3	51.7	51.9
≥ 3000	47.3	50.9	51.1	51.8	52.5	52.5	52.8	53.4	53.4	53.4	54.1	54.1	54.5	54.5	54.9	55.2
≥ 2500	48.6	52.7	53.9	54.0	54.6	54.6	55.1	55.8	55.8	55.9	56.6	56.6	57.0	57.0	57.4	57.6
≥ 2000	49.4	53.4	54.7	54.8	55.6	55.6	56.0	56.8	56.8	56.9	57.6	57.6	58.1	58.1	58.5	58.7
≥ 1800	49.5	53.5	54.8	55.1	55.9	55.9	56.3	57.1	57.1	57.2	58.0	58.0	58.4	58.4	58.8	59.0
≥ 1500	49.8	53.9	55.2	55.5	56.3	56.3	56.9	57.6	57.6	57.8	58.7	58.7	59.1	59.1	59.6	59.8
≥ 1200	50.5	55.2	56.6	56.9	57.8	58.2	58.7	59.5	59.6	59.9	60.8	60.8	61.2	61.2	61.6	61.8
≥ 1000	51.1	56.3	57.8	58.3	59.4	59.7	60.5	61.7	61.8	62.5	63.3	63.3	63.8	63.8	64.2	64.4
≥ 900	51.6	57.0	58.5	59.0	60.2	60.5	61.4	62.6	62.7	63.4	64.3	64.3	64.7	64.7	65.2	65.4
≥ 800	52.0	57.8	59.4	60.1	61.4	61.8	62.7	64.1	64.2	65.2	66.0	66.0	66.5	66.5	66.9	67.1
≥ 700	52.6	58.8	60.3	61.2	62.7	63.1	64.0	65.4	65.6	66.7	67.5	67.5	68.0	68.0	68.4	68.6
≥ 600	52.9	59.6	61.1	61.9	63.8	64.2	65.4	67.1	67.5	68.8	69.8	69.8	70.4	70.4	70.9	71.2
≥ 500	53.7	61.3	62.8	63.8	65.8	66.3	67.8	69.8	70.8	72.8	74.1	74.1	74.9	74.9	75.5	75.9
≥ 400	54.0	62.2	64.2	65.3	68.1	68.8	70.3	72.9	74.1	76.6	78.3	78.4	80.3	80.3	81.4	82.0
≥ 300	54.1	62.7	64.8	66.0	69.7	70.4	72.3	75.4	77.4	81.2	83.7	83.8	86.3	87.2	89.2	90.8
≥ 200	54.1	62.7	65.1	66.2	70.0	70.9	73.0	76.5	78.7	83.1	85.7	86.0	89.4	90.6	94.0	97.6
≥ 100	54.1	62.7	65.1	66.2	70.0	70.9	73.0	76.5	78.7	83.1	85.7	86.0	89.7	91.0	94.8	99.9
≥ 0	54.1	62.7	65.1	66.2	70.0	70.9	73.0	76.5	78.7	83.1	85.7	86.0	89.7	91.0	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5358

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] FAIRCHILD AFB WA 73-79 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS LST

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	22.3	22.9	23.1	23.3	23.9	23.9	24.2	24.6	24.7	25.2	25.5	25.5	25.7	25.7	25.9	26.3
≥ 20000	25.4	26.0	26.5	26.8	27.4	27.4	27.7	28.2	28.3	28.7	29.0	29.0	29.2	29.4	29.6	30.0
≥ 18000	26.1	26.8	27.2	27.5	28.2	28.2	28.5	28.9	29.0	29.7	30.0	30.0	30.2	30.3	30.5	31.0
≥ 16000	26.3	27.1	27.5	27.8	28.5	28.5	28.8	29.2	29.4	30.0	30.3	30.3	30.5	30.6	30.9	31.3
≥ 14000	27.1	27.8	28.3	28.6	29.2	29.2	29.7	30.1	30.2	30.9	31.2	31.2	31.4	31.5	31.8	32.5
≥ 12000	29.5	30.3	30.9	31.2	31.9	31.9	32.4	32.8	32.9	33.5	33.9	33.9	34.1	34.2	34.5	35.2
≥ 10000	31.8	32.8	33.3	33.7	34.6	34.6	35.1	35.5	35.6	36.2	36.6	36.6	36.9	37.0	37.3	38.0
≥ 9000	32.6	33.7	34.3	34.6	35.6	35.6	36.2	36.5	36.6	37.2	37.5	37.5	37.8	38.0	38.3	38.9
≥ 8000	34.2	35.3	36.2	36.7	37.6	37.6	38.1	38.5	38.6	39.4	39.7	39.7	40.0	40.1	40.4	41.1
≥ 7000	36.0	37.2	38.2	38.6	39.7	39.7	40.1	40.6	40.8	41.5	41.8	41.8	42.2	42.3	42.6	43.2
≥ 6000	36.9	38.3	39.4	39.8	41.0	41.0	41.4	41.9	42.0	42.8	43.1	43.1	43.4	43.5	43.9	44.5
≥ 5000	39.7	41.2	42.3	42.7	44.0	44.0	44.4	44.9	45.1	45.8	46.1	46.1	46.5	46.6	47.0	47.6
≥ 4500	40.0	41.6	42.9	43.3	44.6	44.6	45.1	45.6	45.7	46.5	46.8	46.8	47.1	47.2	47.6	48.3
≥ 4000	42.2	44.4	45.8	46.2	47.6	47.6	48.1	46.7	48.8	49.6	49.9	49.9	50.2	50.3	50.8	51.4
≥ 3500	42.5	44.9	46.6	47.1	48.6	48.6	49.0	49.7	49.8	50.5	50.9	50.9	51.2	51.3	51.7	52.4
≥ 3000	44.4	47.2	49.1	50.0	52.2	52.3	52.7	53.3	53.4	54.2	54.5	54.5	54.8	54.9	55.4	56.0
≥ 2500	45.6	48.9	51.2	52.0	54.5	54.6	55.1	55.7	55.8	56.6	56.9	56.9	57.2	57.3	57.7	58.4
≥ 2000	46.6	50.1	52.5	53.3	56.3	56.5	57.0	57.6	57.7	58.5	58.9	58.9	59.2	59.4	59.8	60.4
≥ 1800	46.7	50.2	52.6	53.4	56.5	56.6	57.2	57.8	58.1	58.8	59.2	59.2	59.6	59.7	60.1	60.8
≥ 1500	47.3	50.9	53.2	54.2	57.4	57.5	58.4	59.0	59.4	60.1	60.6	60.6	61.0	61.1	61.5	62.2
≥ 1200	47.8	52.3	54.9	56.1	59.8	59.9	60.9	61.5	62.2	62.9	63.4	63.4	63.8	63.9	64.3	64.9
≥ 1000	48.2	53.1	56.0	57.2	61.4	61.5	62.7	63.7	64.4	65.7	66.3	66.3	66.7	66.8	67.2	67.8
≥ 900	48.5	53.7	56.8	58.0	62.5	62.6	64.0	64.9	65.7	67.0	67.6	67.6	68.0	68.1	68.5	69.1
≥ 800	49.0	54.4	57.7	58.9	63.5	63.7	65.3	66.5	67.2	68.7	69.5	69.5	69.8	70.0	70.4	71.1
≥ 700	49.4	55.2	58.6	59.8	64.8	65.1	66.7	68.0	68.7	70.5	71.4	71.4	71.8	72.2	72.6	73.2
≥ 600	50.3	56.3	60.1	61.5	66.9	67.1	68.9	70.3	71.2	73.2	74.2	74.2	74.7	75.1	75.5	76.1
≥ 500	51.1	58.1	62.3	63.8	70.1	70.4	72.5	74.0	75.2	77.4	79.1	79.2	80.1	80.4	81.0	81.7
≥ 400	51.9	58.8	63.3	64.8	71.5	71.9	74.8	76.8	78.1	81.3	83.5	83.9	85.2	85.7	87.0	88.0
≥ 300	51.9	59.1	63.8	65.4	72.5	72.9	76.1	78.5	80.3	84.1	87.3	87.6	89.7	90.5	93.1	94.5
≥ 200	51.9	59.1	63.8	65.4	72.5	72.9	76.3	79.1	81.0	85.1	88.6	88.9	91.3	92.4	95.9	98.4
≥ 100	51.9	59.1	63.8	65.4	72.5	72.9	76.3	79.1	81.0	85.1	88.7	89.0	91.5	92.6	96.3	100.0
≥ 0	51.9	59.1	63.8	65.4	72.5	72.9	76.3	79.1	81.0	85.1	88.7	89.0	91.5	92.6	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	24.1	24.6	24.8	24.9	25.5	25.6	25.6	25.6	25.6	25.7	25.8	25.8	26.0	26.0	26.1	26.1
≥ 20000	26.9	28.1	28.3	28.5	29.1	29.2	29.4	29.4	29.4	29.6	29.7	29.7	30.0	30.1	30.2	30.2
≥ 18000	28.1	29.4	29.7	29.9	30.5	30.6	30.8	30.8	30.8	31.0	31.1	31.1	31.4	31.5	31.6	31.6
≥ 16000	28.4	29.7	30.0	30.2	30.9	31.0	31.1	31.1	31.1	31.3	31.4	31.4	31.7	31.8	31.9	31.9
≥ 14000	29.8	31.2	31.5	31.7	32.4	32.5	32.6	32.6	32.6	32.8	32.9	32.9	33.2	33.3	33.4	33.4
≥ 12000	33.3	34.7	35.1	35.3	35.9	36.0	36.1	36.1	36.1	36.3	36.5	36.5	36.8	36.9	37.0	37.0
≥ 10000	36.8	38.4	38.9	39.4	40.1	40.2	40.3	40.3	40.3	40.5	40.6	40.6	41.0	41.1	41.2	41.2
≥ 9000	38.1	39.9	40.4	40.9	41.6	41.7	41.8	41.8	41.8	42.0	42.2	42.2	42.5	42.6	42.7	42.7
≥ 8000	39.7	41.8	42.4	43.1	43.9	44.0	44.1	44.1	44.1	44.3	44.4	44.4	44.7	44.8	44.9	44.9
≥ 7000	42.4	45.1	45.9	46.7	47.4	47.5	47.6	47.6	47.6	47.8	48.0	48.0	48.3	48.4	48.5	48.5
≥ 6000	44.4	47.4	48.3	49.3	49.8	49.9	50.1	50.1	50.1	50.3	50.4	50.4	50.8	50.9	51.0	51.0
≥ 5000	46.0	49.3	49.9	50.6	51.4	51.5	51.7	51.7	51.7	51.9	52.0	52.0	52.4	52.5	52.6	52.6
≥ 4500	46.2	49.5	50.3	51.2	51.9	52.0	52.3	52.3	52.3	52.5	52.6	52.6	52.9	53.0	53.1	53.1
≥ 4000	48.1	51.8	52.7	53.5	54.4	54.5	54.7	54.7	54.7	54.9	55.1	55.1	55.4	55.5	55.6	55.6
≥ 3500	48.8	52.9	54.0	55.1	56.3	56.6	56.8	56.9	56.9	57.1	57.2	57.2	57.5	57.6	57.7	57.7
≥ 3000	49.5	53.7	54.9	56.0	57.7	58.1	58.4	58.5	58.5	58.8	58.9	58.9	59.2	59.4	59.5	59.5
≥ 2500	50.4	55.2	56.9	58.1	59.9	60.2	60.5	60.6	60.6	61.0	61.1	61.1	61.4	61.5	61.6	61.6
≥ 2000	51.1	56.2	58.1	59.6	62.0	62.4	62.9	63.2	63.2	63.5	63.7	63.7	64.0	64.1	64.2	64.2
≥ 1800	51.4	56.6	58.4	60.2	62.7	63.0	63.5	63.9	64.0	64.3	64.4	64.4	64.7	64.8	64.9	64.9
≥ 1500	51.8	57.2	59.1	60.9	63.5	63.9	64.5	65.1	65.4	66.1	66.2	66.2	66.6	66.7	66.8	66.8
≥ 1200	53.4	59.2	61.2	63.0	66.2	66.6	67.2	67.7	68.1	68.8	68.9	69.0	69.4	69.5	69.6	69.6
≥ 1000	54.3	60.4	63.0	64.9	68.3	68.6	69.5	70.0	70.3	71.4	71.6	71.7	72.0	72.2	72.3	72.3
≥ 900	54.6	61.2	63.8	65.7	69.6	69.9	70.8	71.3	71.6	72.7	72.9	73.0	73.3	73.4	73.5	73.5
≥ 800	55.3	61.8	64.4	66.3	70.4	70.8	71.8	72.8	73.1	74.4	74.6	74.7	75.1	75.2	75.3	75.3
≥ 700	55.7	62.9	65.3	67.5	72.5	72.9	74.1	75.3	76.0	77.3	77.6	77.7	78.1	78.2	78.3	78.3
≥ 600	56.3	63.7	66.7	69.4	74.5	74.9	76.2	77.5	78.4	80.0	80.4	80.5	81.0	81.1	81.2	81.2
≥ 500	56.3	64.1	67.1	70.5	76.9	77.3	78.7	80.1	81.5	83.5	84.1	84.2	84.9	85.1	85.3	85.3
≥ 400	57.0	64.8	68.9	71.7	78.8	79.6	81.3	83.4	85.2	87.7	88.8	88.9	90.1	90.3	90.9	90.9
≥ 300	57.0	64.7	68.7	72.0	79.7	80.5	82.5	85.2	87.0	89.9	91.7	91.8	93.9	94.4	95.9	96.2
≥ 200	57.0	64.7	68.7	72.0	79.7	80.6	82.6	85.4	87.2	90.5	92.7	92.8	95.2	96.1	98.3	98.9
≥ 100	57.0	64.7	68.7	72.0	79.7	80.6	82.6	85.4	87.2	90.5	92.7	92.8	95.2	96.1	98.7	100.0
≥ 0	57.0	64.7	68.7	72.0	79.7	80.6	82.6	85.4	87.2	90.5	92.7	92.8	95.2	96.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5359

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94234 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	24.7	25.7	26.3	26.8	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.5	27.7
≥ 20000	30.1	31.1	31.9	32.6	33.2	33.2	33.2	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.5	33.8
≥ 18000	30.9	31.9	32.8	33.4	34.1	34.1	34.1	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.4	34.6
≥ 16000	31.1	32.2	33.1	33.7	34.3	34.3	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.6	34.8
≥ 14000	32.3	33.4	34.3	34.9	35.6	35.6	35.6	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.9	36.1
≥ 12000	35.7	36.9	37.7	38.5	39.1	39.1	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.6	39.8
≥ 10000	39.8	41.3	42.2	43.1	43.8	43.8	43.9	44.2	44.3	44.4	44.5	44.5	44.5	44.5	44.7	44.9
≥ 9000	40.9	42.4	43.2	44.2	44.8	44.8	44.9	45.3	45.4	45.5	45.6	45.6	45.6	45.6	45.8	46.0
≥ 8000	43.9	45.9	46.8	47.7	48.5	48.5	48.6	48.9	49.0	49.1	49.2	49.2	49.2	49.2	49.5	49.7
≥ 7000	46.5	48.7	49.7	50.6	51.5	51.5	51.6	51.9	52.0	52.2	52.3	52.3	52.3	52.3	52.5	52.9
≥ 6000	47.8	50.3	51.3	52.3	53.1	53.1	53.2	53.5	53.7	53.8	53.9	53.9	53.9	53.9	54.1	54.5
≥ 5000	51.1	53.4	54.4	55.4	56.2	56.2	56.3	56.7	56.8	56.9	57.0	57.0	57.0	57.0	57.2	57.6
≥ 4500	51.9	54.6	55.6	56.6	57.5	57.5	57.5	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.6	59.0
≥ 4000	53.9	57.0	58.3	59.5	60.4	60.5	60.6	61.1	61.2	61.3	61.4	61.4	61.4	61.4	61.6	62.0
≥ 3500	54.5	57.6	59.1	60.3	61.4	61.5	61.5	62.0	62.2	62.3	62.4	62.4	62.4	62.4	62.6	63.0
≥ 3000	55.4	58.7	60.3	61.6	62.7	62.9	63.0	63.4	63.5	63.7	63.8	63.8	63.8	63.8	64.0	64.4
≥ 2500	56.5	59.9	61.5	62.8	64.1	64.3	64.4	64.8	64.9	65.1	65.2	65.2	65.2	65.2	65.4	65.8
≥ 2000	57.7	61.3	63.2	64.6	66.2	66.6	66.7	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.6	68.1
≥ 1800	57.7	61.4	63.3	64.7	66.6	66.9	67.0	67.4	67.5	67.6	67.7	67.7	67.7	67.7	68.0	68.4
≥ 1500	58.5	62.9	64.9	66.5	68.6	69.0	69.2	69.7	69.9	70.2	70.4	70.4	70.4	70.4	70.6	71.1
≥ 1200	59.4	64.5	66.6	68.2	70.9	71.4	71.7	72.4	72.6	73.0	73.2	73.2	73.2	73.2	73.4	73.9
≥ 1000	59.8	65.3	67.7	69.5	73.0	73.5	73.9	74.5	74.8	75.6	76.0	76.0	76.0	76.0	76.2	76.7
≥ 900	60.1	65.9	68.5	70.4	74.4	74.9	75.3	75.9	76.2	77.1	77.5	77.5	77.5	77.5	77.7	78.2
≥ 800	60.4	66.7	69.5	71.5	75.9	76.6	77.2	78.5	78.3	79.5	79.9	79.9	80.0	80.0	80.2	80.6
≥ 700	60.5	67.2	70.8	72.8	77.6	78.4	79.5	80.3	80.8	81.9	82.4	82.4	82.5	82.5	82.7	83.1
≥ 600	60.5	67.6	71.5	73.7	78.6	79.4	80.5	81.6	82.0	83.3	84.0	84.0	84.1	84.1	84.3	84.7
≥ 500	60.6	67.7	71.8	74.1	80.1	80.9	82.2	83.7	84.3	85.8	86.7	86.7	86.9	86.9	87.3	87.7
≥ 400	61.0	68.1	72.2	74.8	81.3	82.0	83.3	84.9	85.7	87.8	89.5	89.5	89.7	89.8	90.2	90.6
≥ 300	61.3	68.2	72.3	75.3	81.9	82.8	84.5	86.3	87.2	90.9	93.2	93.2	94.1	94.2	94.8	95.3
≥ 200	61.0	68.3	72.4	75.4	82.3	83.1	84.8	86.9	87.8	91.7	94.3	94.4	95.9	96.0	97.6	98.8
≥ 100	61.0	68.4	72.5	75.5	82.4	83.2	84.9	87.0	88.1	91.9	94.5	94.6	96.2	96.5	98.2	100.0
0	61.0	68.4	72.5	75.5	82.4	83.2	84.9	87.0	88.1	91.9	94.5	94.6	96.2	96.5	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] | FAIRCHILD AFB WA | 70-79 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥0	0
NO CEILING	28.1	28.8	29.3	29.8	30.1	30.3	30.3	30.3	30.4	30.5	30.9	31.0	31.1	31.1	31.4	31.4
≥ 20000	30.5	31.5	31.8	32.6	33.1	33.3	33.3	33.3	33.4	33.5	33.9	34.0	34.1	34.1	34.4	34.4
≥ 18000	31.8	32.9	33.2	34.1	34.5	34.7	34.7	34.7	34.8	34.9	35.3	35.4	35.5	35.5	35.8	35.8
≥ 16000	32.2	33.2	33.5	34.3	34.8	35.1	35.1	35.1	35.2	35.3	35.6	35.7	35.8	35.8	36.1	36.1
≥ 14000	33.9	35.3	35.6	36.3	36.9	37.1	37.1	37.1	37.2	37.3	37.6	37.7	38.1	38.1	38.4	38.4
≥ 12000	36.1	37.7	38.1	38.8	39.6	39.8	39.8	39.8	39.9	40.0	40.3	40.4	40.8	40.8	41.1	41.1
≥ 10000	39.2	41.1	41.3	42.2	42.9	43.1	43.1	43.1	43.2	43.3	43.7	43.8	44.1	44.1	44.4	44.4
≥ 9000	40.2	42.0	42.5	43.2	44.0	44.2	44.2	44.2	44.3	44.4	44.7	44.8	45.2	45.2	45.5	45.5
≥ 8000	44.1	46.1	46.6	47.4	48.2	48.4	48.5	48.5	48.6	48.7	49.1	49.1	49.5	49.5	49.8	49.8
≥ 7000	47.5	49.7	50.1	51.0	51.7	51.9	52.0	52.0	52.2	52.3	52.7	52.8	53.1	53.1	53.4	53.7
≥ 6000	48.7	51.1	51.5	52.4	53.1	53.3	53.4	53.4	53.5	53.7	54.1	54.2	54.5	54.5	54.8	55.1
≥ 5000	52.2	54.5	55.1	55.9	56.7	56.9	57.0	57.0	57.1	57.2	57.6	57.7	58.1	58.1	58.4	58.6
≥ 4500	52.9	55.4	55.9	56.8	57.5	57.7	57.8	57.8	58.0	58.1	58.5	58.6	58.9	58.9	59.2	59.5
≥ 4000	54.6	57.4	58.2	59.0	59.8	60.0	60.1	60.1	60.2	60.3	60.8	60.9	61.2	61.2	61.5	61.7
≥ 3500	55.3	58.9	59.7	60.5	61.3	61.5	61.6	61.6	61.7	61.8	62.3	62.4	62.7	62.7	63.0	63.2
≥ 3000	56.6	60.1	60.9	61.7	62.6	62.9	63.0	63.0	63.1	63.2	63.7	63.8	64.1	64.1	64.4	64.6
≥ 2500	57.5	61.2	62.1	63.0	63.9	64.2	64.3	64.3	64.4	64.5	64.9	65.1	65.4	65.4	65.7	65.9
≥ 2000	58.6	62.5	63.3	64.3	65.4	65.7	65.8	65.8	65.9	66.0	66.5	66.6	66.9	66.9	67.2	67.4
≥ 1800	58.9	62.5	63.4	64.4	65.5	65.8	65.9	65.9	66.0	66.1	66.6	66.7	67.0	67.0	67.3	67.5
≥ 1500	59.2	63.3	64.4	65.4	66.5	66.8	67.0	67.0	67.1	67.2	67.6	67.7	68.1	68.1	68.4	68.6
≥ 1200	60.4	65.1	66.1	67.1	68.3	68.7	68.9	68.9	69.0	69.1	69.7	69.8	70.1	70.1	70.4	70.6
≥ 1000	61.2	66.2	67.6	68.6	69.8	70.3	70.5	70.8	70.9	71.3	71.5	71.6	71.9	71.9	72.3	72.5
≥ 900	61.7	67.3	68.3	70.2	71.7	72.2	72.8	72.9	73.0	73.2	73.8	73.9	74.2	74.2	74.5	74.7
≥ 800	62.2	68.3	70.2	71.7	73.4	74.0	74.6	74.8	75.1	75.3	76.1	76.2	76.5	76.6	76.9	77.1
≥ 700	62.2	68.7	70.5	72.5	74.3	74.8	75.6	75.9	76.1	76.5	77.3	77.4	77.7	77.7	78.1	78.3
≥ 600	63.1	70.2	72.5	74.3	76.6	77.1	78.2	78.5	78.7	79.5	80.3	80.4	80.8	80.8	81.1	81.3
≥ 500	63.1	70.6	73.0	74.8	78.0	78.5	79.7	80.2	80.9	82.6	83.4	83.5	84.0	84.0	84.4	84.6
≥ 400	63.1	70.9	73.3	75.4	78.7	79.2	80.6	82.3	83.3	85.6	86.9	87.1	87.5	87.5	88.0	88.2
≥ 300	63.2	71.4	74.3	76.0	79.7	80.3	82.2	84.1	85.2	89.1	91.2	91.4	92.2	92.6	94.2	94.6
≥ 200	63.1	71.5	74.1	76.1	80.1	80.3	82.6	84.8	86.2	90.3	92.4	92.7	93.7	94.5	97.6	99.1
≥ 100	63.1	71.5	74.1	76.1	80.1	80.8	82.6	84.8	86.2	90.3	92.4	92.7	93.7	94.5	97.7	100.0
≥ 0	63.1	71.5	74.1	76.1	80.1	80.8	82.6	84.8	86.2	90.3	92.4	92.7	93.7	94.5	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5360

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	27.6	28.1	28.3	28.4	28.7	28.8	29.1	29.2	29.2	29.5	30.0	30.0	30.6	30.6	31.3	31.6
≥ 20000	28.7	29.1	29.5	29.6	29.9	30.0	30.3	30.4	30.4	30.6	31.2	31.2	31.8	31.8	32.5	32.8
≥ 18000	28.9	29.4	29.7	29.8	30.1	30.2	30.5	30.6	30.6	30.9	31.4	31.4	32.0	32.0	32.7	33.0
≥ 16000	28.9	29.4	29.7	29.8	30.1	30.2	30.5	30.6	30.6	30.9	31.4	31.4	32.0	32.0	32.7	33.0
≥ 14000	31.7	32.2	32.5	32.6	32.9	33.0	33.4	33.5	33.5	33.8	34.4	34.4	35.2	35.2	35.8	36.1
≥ 12000	33.9	34.3	34.6	34.7	35.1	35.2	35.6	35.7	35.7	35.9	36.6	36.6	37.4	37.4	38.1	38.4
≥ 10000	36.7	37.3	37.7	37.8	38.2	38.3	38.7	38.8	38.8	39.0	39.7	39.7	40.5	40.5	41.2	41.5
≥ 9000	38.5	39.1	39.6	39.7	40.0	40.1	40.5	40.6	40.6	40.9	41.5	41.5	42.4	42.4	43.0	43.3
≥ 8000	41.8	42.5	42.9	43.0	43.3	43.4	43.9	44.0	44.0	44.2	44.8	44.8	45.7	45.7	46.3	46.7
≥ 7000	45.2	46.2	46.7	46.8	47.1	47.2	47.6	47.7	47.7	48.0	48.6	48.6	49.5	49.5	50.1	50.4
≥ 6000	46.7	48.0	48.4	48.5	48.8	46.9	49.4	49.5	49.5	49.7	50.3	50.3	51.2	51.2	51.8	52.2
≥ 5000	49.6	51.7	51.4	51.5	51.8	51.9	52.4	52.5	52.5	52.7	53.3	53.3	54.2	54.2	54.8	55.2
≥ 4500	51.1	52.7	53.1	53.2	53.5	53.7	54.1	54.2	54.2	54.4	55.1	55.1	55.9	55.9	56.6	56.9
≥ 4000	52.9	54.8	55.5	55.6	55.9	56.0	56.5	56.6	56.6	56.8	57.4	57.4	58.3	58.3	58.9	59.2
≥ 3500	53.9	56.0	56.7	56.8	57.1	57.2	57.6	57.7	57.7	58.0	58.6	58.6	59.5	59.5	60.1	60.4
≥ 3000	55.1	57.5	58.4	58.5	58.8	58.9	59.4	59.5	59.5	59.7	60.3	60.3	61.2	61.2	61.8	62.2
≥ 2500	56.3	58.9	59.8	59.9	60.3	60.4	60.9	61.0	61.0	61.2	61.8	61.8	62.7	62.7	63.3	63.7
≥ 2000	56.7	59.4	60.3	60.4	60.9	61.0	61.4	61.5	61.5	61.7	62.4	62.4	63.2	63.2	63.9	64.2
≥ 1800	57.0	59.7	60.6	60.8	61.2	61.3	61.7	61.8	61.8	62.0	62.7	62.7	63.5	63.5	64.2	64.5
≥ 1500	57.8	60.4	61.5	61.6	62.0	62.2	62.9	63.1	63.1	63.5	64.2	64.2	65.1	65.1	65.7	66.0
≥ 1200	58.8	62.7	63.4	63.5	64.1	64.2	64.9	65.2	65.2	65.6	66.2	66.2	67.1	67.1	67.7	68.1
≥ 1000	59.7	63.8	65.3	65.6	66.1	66.2	67.0	67.2	67.3	67.7	68.5	68.5	69.4	69.4	70.0	70.3
≥ 900	59.9	64.1	65.9	66.2	66.9	67.1	68.1	68.4	68.7	69.1	69.9	69.9	70.8	70.8	71.4	71.7
≥ 800	60.5	65.3	67.4	67.8	68.5	68.7	69.8	70.1	70.4	71.0	71.7	71.7	72.6	72.6	73.2	73.5
≥ 700	61.5	66.7	68.8	69.4	70.3	70.5	71.8	72.2	72.5	73.3	73.9	73.9	74.7	74.7	75.4	75.7
≥ 600	62.7	68.3	70.3	71.0	72.3	72.6	74.0	74.4	74.7	75.6	76.5	76.5	77.4	77.4	78.1	78.4
≥ 500	62.8	68.8	71.3	72.4	[illegible].2	74.6	76.2	77.1	77.6	79.1	80.3	80.3	81.4	81.4	82.2	82.6
≥ 400	62.9	68.9	71.6	73.0	[illegible].3	75.7	77.4	78.9	79.5	81.3	83.1	83.3	84.5	84.5	85.3	85.7
≥ 300	63.1	69.9	72.9	75.4	[illegible].4	77.8	79.6	81.7	82.6	84.7	87.6	87.8	90.1	90.5	92.3	92.8
≥ 200	63.1	69.9	72.9	74.6	77.6	78.1	79.8	82.2	83.1	85.8	89.4	89.6	92.6	93.2	96.8	98.5
≥ 100	63.1	69.9	72.9	74.6	77.6	78.1	79.8	82.2	83.1	85.8	89.4	89.6	92.6	93.2	97.4	100.0
≥ 0	63.1	69.9	72.9	74.6	77.6	78.1	79.8	82.2	83.1	85.8	89.4	89.6	92.6	93.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) JAN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.4	26.0	26.3	26.5	26.9	26.9	27.1	27.2	27.3	27.4	27.7	27.7	28.0	28.0	28.4	28.6
≥ 20000	27.9	28.7	29.0	29.3	29.8	29.8	30.0	30.2	30.2	30.3	30.6	30.7	31.0	31.0	31.4	31.7
≥ 18000	28.7	29.5	29.8	30.1	30.6	30.6	30.8	31.0	31.0	31.2	31.5	31.5	31.8	31.8	32.2	32.5
≥ 16000	29.3	29.8	30.1	30.4	30.9	30.9	31.1	31.3	31.3	31.5	31.8	31.8	32.1	32.2	32.6	32.8
≥ 14000	30.3	31.2	31.6	31.9	32.4	32.4	32.6	32.8	32.8	33.0	33.4	33.4	33.7	33.8	34.2	34.5
≥ 12000	32.9	33.8	34.2	34.5	35.0	35.1	35.3	35.5	35.5	35.7	36.0	36.1	36.4	36.5	36.9	37.2
≥ 10000	35.8	36.9	37.3	37.6	38.2	38.3	38.5	38.7	38.8	39.0	39.3	39.3	39.7	39.7	40.2	40.5
≥ 9000	37.0	38.2	38.6	39.0	39.6	39.6	39.8	40.0	40.1	40.3	40.6	40.6	41.0	41.1	41.5	41.8
≥ 8000	39.6	41.0	41.5	41.9	42.5	42.6	42.8	43.0	43.1	43.3	43.6	43.6	44.0	44.1	44.5	44.8
≥ 7000	42.3	43.9	44.4	44.9	45.5	45.6	45.8	46.0	46.1	46.3	46.7	46.7	47.1	47.1	47.6	47.9
≥ 6000	43.8	45.6	46.2	46.6	47.2	47.3	47.6	47.8	47.8	48.1	48.4	48.4	48.8	48.9	49.3	49.7
≥ 5000	46.6	48.5	49.1	49.5	50.2	50.3	50.5	50.8	50.8	51.0	51.4	51.4	51.8	51.8	52.3	52.7
≥ 4500	47.4	49.7	50.2	50.7	51.4	51.5	51.7	51.9	52.0	52.2	52.6	52.6	53.0	53.0	53.5	53.9
≥ 4000	49.4	52.0	52.7	53.2	53.9	54.0	54.3	54.5	54.6	54.8	55.2	55.2	55.6	55.6	56.1	56.4
≥ 3500	50.1	52.9	53.7	54.3	55.1	55.2	55.5	55.7	55.8	56.0	56.4	56.4	56.8	56.8	57.3	57.6
≥ 3000	51.5	54.5	55.5	56.1	57.2	57.3	57.6	57.8	57.9	58.2	58.5	58.5	58.9	59.0	59.4	59.8
≥ 2500	52.6	56.0	57.3	57.9	59.0	59.2	59.5	59.8	59.8	60.1	60.4	60.5	60.9	60.9	61.4	61.7
≥ 2000	53.5	57.1	58.4	59.1	60.5	60.6	61.0	61.3	61.4	61.7	62.1	62.1	62.5	62.5	63.0	63.4
≥ 1800	53.6	57.3	58.6	59.4	60.8	60.9	61.4	61.7	61.8	62.1	62.5	62.5	62.9	62.9	63.4	63.8
≥ 1500	54.1	58.0	59.4	60.2	61.7	61.9	62.4	62.9	63.1	63.5	64.0	64.0	64.4	64.4	64.9	65.2
≥ 1200	55.1	59.5	61.0	61.9	63.7	63.9	64.6	65.1	65.3	65.8	66.2	66.3	66.7	66.7	67.2	67.5
≥ 1000	55.7	60.7	62.4	63.5	65.5	65.8	66.6	67.3	67.6	68.2	68.7	68.8	69.2	69.2	69.7	70.0
≥ 900	56.2	61.5	63.3	64.6	66.9	67.2	68.0	68.7	69.1	69.8	70.3	70.3	70.7	70.8	71.2	71.6
≥ 800	56.8	62.4	64.4	65.7	68.2	68.5	69.5	70.3	70.7	71.6	72.1	72.2	72.6	72.6	73.1	73.4
≥ 700	57.2	63.2	65.3	66.7	69.5	69.8	70.9	71.9	72.4	73.3	74.0	74.1	74.5	74.6	75.0	75.4
≥ 600	57.9	64.3	66.6	68.1	71.2	71.6	72.8	74.0	74.6	75.8	76.6	76.6	77.2	77.3	77.8	78.1
≥ 500	58.3	65.1	67.7	69.3	73.1	73.5	75.0	76.4	77.4	79.1	80.1	80.2	80.9	81.0	81.6	82.0
≥ 400	58.6	65.8	68.5	70.4	74.6	75.1	76.8	78.7	79.9	82.0	83.5	83.7	84.7	84.8	85.7	86.2
≥ 300	58.7	66.3	69.1	71.2	75.9	76.5	78.5	80.9	82.5	85.6	87.9	88.1	89.8	90.3	92.1	93.2
≥ 200	58.7	66.3	69.2	71.3	76.1	76.7	78.9	81.5	83.2	86.6	89.4	89.6	92.0	92.9	95.9	98.2
≥ 100	58.7	66.3	69.2	71.3	76.1	76.7	78.9	81.6	83.3	86.7	89.5	89.8	92.2	93.1	96.6	100.0
0	58.7	66.3	69.2	71.3	76.1	76.7	78.9	81.6	83.3	86.7	89.5	89.8	92.2	93.1	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

5361

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	36.1	36.3	36.5	36.6	37.4	37.4	37.5	37.5	37.6	38.2	38.3	38.3	38.7	38.7	38.8	38.9
≥ 20000	37.8	38.2	38.5	38.5	39.2	39.2	39.4	39.4	39.5	40.1	40.2	40.2	40.5	40.5	40.7	40.8
≥ 18000	38.1	38.4	38.8	38.8	39.5	39.5	39.6	39.6	39.7	40.3	40.4	40.4	40.8	40.8	40.9	41.0
≥ 16000	38.3	38.7	39.1	39.0	39.7	39.7	39.8	39.8	40.0	40.5	40.7	40.7	41.0	41.0	41.1	41.3
≥ 14000	39.6	40.1	40.4	40.4	41.1	41.1	41.3	41.3	41.4	42.0	42.1	42.1	42.4	42.4	42.6	42.7
≥ 12000	42.8	43.3	43.6	43.6	44.3	44.3	44.4	44.6	44.7	45.3	45.4	45.4	45.9	45.9	46.0	46.2
≥ 10000	45.3	45.7	46.1	46.1	46.8	46.8	46.9	47.0	47.2	47.8	47.9	47.9	48.5	48.5	48.7	48.9
≥ 9000	46.7	47.4	47.8	47.8	48.5	48.5	48.6	48.7	48.8	49.4	49.5	49.5	50.1	50.1	50.4	50.6
≥ 8000	49.6	50.5	50.8	50.8	51.5	51.5	51.7	51.8	51.9	52.5	52.6	52.6	53.2	53.2	53.4	53.7
≥ 7000	53.4	54.3	54.6	54.6	55.4	55.4	55.6	55.7	55.8	56.4	56.5	56.5	57.2	57.2	57.4	57.7
≥ 6000	56.1	56.9	57.2	57.2	58.0	58.0	58.2	58.3	58.4	59.0	59.1	59.1	59.8	59.8	60.0	60.3
≥ 5000	59.0	60.0	60.4	60.4	61.2	61.6	61.7	61.8	61.9	62.5	62.6	62.6	63.4	63.4	63.6	63.8
≥ 4500	59.9	61.1	61.3	61.3	62.2	62.5	62.6	62.8	62.9	63.5	63.6	63.6	64.3	64.3	64.5	64.8
≥ 4000	61.3	62.4	62.9	62.9	63.7	64.1	64.2	64.3	64.4	65.0	65.1	65.1	65.8	65.8	66.1	66.3
≥ 3500	63.1	64.3	64.8	64.8	65.6	66.0	66.1	66.2	66.3	66.9	67.0	67.0	67.7	67.7	68.0	68.2
≥ 3000	64.2	65.5	66.0	66.1	67.3	67.6	67.7	67.8	68.0	68.6	68.7	68.7	69.4	69.4	69.6	69.9
≥ 2500	65.2	66.9	67.5	67.6	68.8	69.1	69.4	69.5	69.6	70.2	70.3	70.3	71.0	71.0	71.3	71.5
≥ 2000	66.2	67.3	68.4	68.6	69.9	70.2	70.4	70.6	70.7	71.3	71.4	71.4	72.1	72.1	72.3	72.6
≥ 1800	66.7	68.3	68.9	69.0	70.3	70.7	70.9	71.0	71.2	71.7	71.9	71.9	72.6	72.6	72.8	73.0
≥ 1500	67.3	69.1	69.9	70.0	71.5	72.0	72.2	72.3	72.5	73.0	73.2	73.2	73.9	73.9	74.1	74.3
≥ 1200	67.5	69.4	70.1	70.2	71.9	72.3	72.7	72.8	72.9	73.6	73.8	73.8	74.6	74.6	74.8	75.1
≥ 1000	68.0	70.2	70.9	71.0	73.4	73.9	74.3	74.6	74.7	75.4	75.5	75.5	76.4	76.4	76.6	77.0
≥ 900	68.7	71.0	71.7	71.9	74.2	74.7	75.3	75.5	75.7	76.4	76.5	76.5	77.3	77.3	77.5	77.9
≥ 800	69.0	71.6	72.3	72.6	75.3	75.8	76.4	76.6	76.8	77.5	77.7	77.7	78.5	78.5	78.7	79.1
≥ 700	69.1	72.3	72.7	72.9	75.8	76.2	76.8	77.3	77.5	78.3	78.4	78.4	79.2	79.2	79.4	79.8
≥ 600	69.5	72.5	73.4	73.9	77.0	77.5	78.1	78.7	79.0	79.7	79.8	79.8	80.6	80.6	80.9	81.2
≥ 500	69.9	73.4	74.3	74.8	78.4	79.1	80.0	81.0	81.2	82.0	82.3	82.3	83.1	83.2	83.5	83.8
≥ 400	70.0	74.2	75.3	75.8	80.1	81.1	82.3	83.2	83.5	84.8	85.1	85.3	86.2	86.3	86.9	87.2
≥ 300	70.1	75.3	76.6	77.2	82.4	83.6	85.6	87.4	87.9	90.2	90.8	91.0	92.8	93.1	94.1	94.6
≥ 200	70.2	75.5	76.8	77.4	82.7	83.9	86.1	87.9	88.8	91.1	92.2	92.7	94.8	95.3	98.0	99.3
≥ 100	70.2	75.7	77.0	77.5	82.9	84.0	86.2	88.1	88.9	91.3	92.3	92.8	94.9	95.4	98.3	100.0
≥ 0	70.2	75.7	77.0	77.5	82.9	84.0	86.2	88.1	88.9	91.3	92.3	92.8	94.9	95.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB (STATION NAME) 73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.4	32.4	32.4	32.5	33.2	33.5	33.8	34.2	34.2	34.3	34.4	34.4	34.8	35.0	35.1	35.6
≥ 20000	33.7	33.7	33.7	33.8	34.5	34.8	35.1	35.5	35.5	35.7	35.8	35.8	36.3	36.5	36.6	37.1
≥ 18000	34.3	34.3	34.3	34.2	34.9	35.1	35.5	35.9	35.9	36.2	36.3	36.3	36.8	37.0	37.1	37.6
≥ 16000	34.5	34.5	34.6	34.8	35.5	35.8	36.2	36.6	36.6	36.9	37.0	37.0	37.5	37.7	37.8	38.3
≥ 14000	35.0	35.1	35.1	35.2	35.9	36.3	36.6	37.1	37.1	37.4	37.5	37.5	37.9	38.2	38.3	38.8
≥ 12000	37.5	37.5	37.6	37.7	38.4	38.8	39.1	39.7	39.8	40.1	40.2	40.2	40.7	40.9	41.0	41.5
≥ 10000	40.3	40.3	40.1	40.2	40.9	41.4	41.7	42.6	42.7	42.9	43.0	43.0	43.6	43.9	44.1	44.6
≥ 9000	40.5	40.5	40.8	40.9	41.6	42.1	42.4	43.3	43.4	43.6	43.7	43.9	44.4	44.7	45.0	45.5
≥ 8000	43.1	43.1	43.4	43.5	44.2	44.7	45.0	45.9	46.0	46.2	46.3	46.5	47.0	47.3	47.6	48.1
≥ 7000	46.7	47.1	47.3	47.5	48.2	48.9	49.3	50.1	50.2	50.5	50.6	50.7	51.3	51.5	51.9	52.4
≥ 6000	49.6	50.0	50.2	50.5	51.2	51.9	52.2	53.1	53.2	53.5	53.7	53.8	54.4	54.6	55.0	55.4
≥ 5000	52.4	53.1	53.2	53.4	54.1	54.8	55.2	56.0	56.1	56.5	56.6	56.7	57.3	57.6	57.9	58.4
≥ 4500	53.4	54.1	54.3	54.5	55.2	55.9	56.3	57.1	57.2	57.6	57.7	57.8	58.4	58.6	59.0	59.5
≥ 4000	54.9	55.7	55.9	56.1	56.9	57.6	57.9	58.7	58.9	59.2	59.3	59.5	60.0	60.3	60.6	61.1
≥ 3500	55.6	56.5	56.7	57.0	57.8	58.5	58.9	59.7	59.8	60.2	60.3	60.4	61.0	61.2	61.6	62.1
≥ 3000	57.9	59.1	59.3	59.6	60.4	61.1	61.5	62.3	62.4	62.8	62.9	63.0	63.6	63.8	64.2	64.7
≥ 2500	59.1	61.0	61.2	61.5	62.4	63.1	63.5	64.3	64.4	64.8	64.9	65.0	65.6	65.8	66.2	66.7
≥ 2000	59.9	61.8	62.1	62.3	63.2	63.9	64.3	65.1	65.2	65.6	65.7	65.8	66.4	66.7	67.0	67.5
≥ 1800	60.0	61.9	62.2	62.4	63.4	64.1	64.4	65.2	65.4	65.7	65.8	66.0	66.5	66.8	67.1	67.6
≥ 1500	61.1	63.4	63.6	63.8	64.8	65.5	65.8	66.7	66.8	67.1	67.3	67.4	68.0	68.2	68.6	69.0
≥ 1200	61.8	63.9	64.2	64.4	65.7	66.4	66.9	67.7	67.8	68.2	68.3	68.4	69.0	69.3	69.6	70.1
≥ 1000	62.1	64.9	65.4	65.7	67.1	67.8	68.7	69.5	69.6	70.0	70.1	70.2	70.8	71.0	71.4	71.9
≥ 900	62.6	65.5	66.1	66.3	67.7	68.4	69.4	70.2	70.3	70.7	70.8	70.9	71.5	71.7	72.1	72.6
≥ 800	63.4	66.4	67.0	67.4	68.8	69.5	70.6	71.4	71.6	72.0	72.1	72.2	72.8	73.0	73.4	73.9
≥ 700	63.7	66.9	67.5	67.8	69.5	70.2	71.4	72.2	72.5	72.9	73.0	73.2	73.8	74.0	74.5	74.9
≥ 600	64.2	67.6	68.3	68.7	70.3	71.0	72.3	73.2	73.4	74.0	74.1	74.2	74.8	75.1	75.5	76.0
≥ 500	65.1	68.9	69.9	70.2	72.1	72.8	74.7	76.0	76.2	77.3	77.4	77.5	78.1	78.4	78.8	79.3
≥ 400	65.7	70.8	72.1	72.6	74.5	75.3	77.3	78.7	79.4	81.2	81.8	81.9	82.6	83.0	83.8	84.4
≥ 300	66.0	71.7	73.3	74.1	76.7	77.5	79.9	81.9	82.7	86.1	87.9	88.1	89.4	90.2	91.4	92.0
≥ 200	66.2	72.2	73.9	74.7	77.4	78.4	80.7	82.9	83.7	87.7	90.7	90.8	92.6	94.0	97.5	99.2
≥ 100	66.3	72.3	74.0	74.8	77.5	78.5	80.9	83.0	83.8	87.9	90.9	91.0	92.8	94.3	97.9	100.0
≥ 0	66.3	72.3	74.0	74.8	77.5	78.5	80.9	83.0	83.8	87.9	90.9	91.0	92.8	94.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 846

5362

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	25.3	25.3	25.4	25.5	25.7	25.8	26.1	26.4	26.4	26.5	26.6	27.1	27.3	27.8	27.9
≥ 20000	27.4	27.7	27.7	27.8	28.0	28.1	28.3	28.6	28.8	29.1	29.2	29.3	29.8	30.0	30.5	30.7
≥ 18000	28.1	28.4	28.4	28.5	28.7	28.8	29.0	29.3	29.6	29.8	29.9	30.0	30.5	30.9	31.3	31.6
≥ 16000	28.7	29.1	29.1	29.1	29.3	29.4	29.6	29.9	30.1	30.4	30.5	30.6	31.1	31.4	31.9	32.2
≥ 14000	29.8	30.1	30.0	30.1	30.4	30.5	30.6	31.0	31.2	31.4	31.6	31.7	32.2	32.5	33.0	33.2
≥ 12000	31.9	32.2	32.2	32.3	32.5	32.6	32.7	33.1	33.5	33.7	33.8	33.9	34.4	34.8	35.2	35.5
≥ 10000	35.1	35.3	35.3	35.5	35.8	35.9	36.1	36.4	36.8	37.0	37.2	37.4	37.8	38.2	38.8	39.1
≥ 9000	36.5	36.8	36.8	36.9	37.2	37.4	37.5	37.8	38.2	38.4	38.7	38.8	39.2	39.6	40.2	40.5
≥ 8000	39.4	39.6	39.6	39.7	40.1	40.2	40.3	40.7	41.0	41.3	41.5	41.6	42.1	42.4	43.0	43.4
≥ 7000	44.0	44.2	44.2	44.3	44.8	44.9	45.0	45.4	45.7	46.0	46.2	46.3	46.8	47.2	47.8	48.1
≥ 6000	46.3	46.6	46.6	46.7	47.3	47.4	47.5	47.9	48.2	48.5	48.7	48.8	49.3	49.6	50.2	50.6
≥ 5000	49.5	49.9	50.0	50.1	50.7	50.8	50.9	51.3	51.7	51.9	52.1	52.2	52.7	53.1	53.7	54.0
≥ 4500	50.5	50.8	50.9	51.1	51.8	51.9	52.0	52.4	52.7	53.0	53.2	53.3	53.8	54.1	54.7	55.1
≥ 4000	51.3	51.7	51.9	52.0	52.7	52.8	53.0	53.3	53.7	53.9	54.1	54.3	54.8	55.2	55.8	56.3
≥ 3500	52.4	52.8	53.1	53.2	53.9	54.3	54.1	54.5	54.8	55.1	55.3	55.4	56.0	56.4	57.0	57.6
≥ 3000	53.7	54.5	54.8	55.0	55.7	55.8	56.0	56.4	56.7	57.0	57.2	57.3	57.9	58.3	58.9	59.5
≥ 2500	54.8	56.1	56.5	56.6	57.4	57.6	57.8	58.2	58.5	58.7	59.0	59.1	59.7	60.0	60.6	61.2
≥ 2000	55.6	57.1	57.7	57.8	58.9	59.0	59.3	59.7	60.0	60.3	60.5	60.6	61.2	61.6	62.2	62.8
≥ 1800	55.7	57.2	57.8	57.9	59.0	59.2	59.6	59.9	60.3	60.5	60.8	60.9	61.5	61.8	62.4	63.0
≥ 1500	56.0	57.9	58.6	59.0	60.4	60.6	61.0	61.5	61.8	62.2	62.4	62.5	63.2	63.6	64.2	64.8
≥ 1200	56.3	58.6	59.3	59.7	61.6	61.8	62.3	62.8	63.1	63.6	63.8	63.9	64.7	65.0	65.6	66.2
≥ 1000	57.2	59.8	60.9	61.2	63.1	63.4	63.9	64.4	64.8	65.2	65.5	65.6	66.3	66.7	67.3	67.8
≥ 900	57.6	60.3	61.3	61.7	63.6	63.8	64.4	65.0	65.4	65.8	66.1	66.2	66.9	67.3	67.8	68.4
≥ 800	58.2	61.3	62.2	62.6	64.7	64.9	65.5	66.1	66.4	66.9	67.3	67.5	68.2	68.6	69.1	69.7
≥ 700	59.0	62.3	63.9	64.5	66.8	67.0	67.6	68.3	68.7	69.3	69.6	69.9	70.6	70.9	71.5	72.1
≥ 600	59.8	63.9	65.7	66.3	68.7	68.9	69.6	70.3	70.7	71.3	71.7	72.0	72.9	73.3	73.9	74.5
≥ 500	60.4	65.5	67.6	68.3	71.2	71.5	72.3	73.0	73.4	74.2	74.7	75.1	76.1	76.5	77.2	77.8
≥ 400	61.2	67.1	69.9	70.7	73.9	74.3	75.4	76.5	77.3	78.6	79.7	80.0	81.6	81.9	82.9	83.8
≥ 300	61.2	67.6	70.7	71.5	75.2	75.7	77.2	78.8	79.7	81.8	83.0	83.3	85.7	86.3	88.4	89.8
≥ 200	61.2	67.7	70.8	71.6	75.5	76.2	77.9	79.9	80.7	83.5	85.7	86.2	89.7	90.7	95.3	98.6
≥ 100	61.2	67.7	70.8	71.6	75.7	76.4	78.0	80.0	81.0	83.7	85.9	86.4	90.0	91.0	95.7	99.5
≥ 0	61.2	67.7	70.8	71.6	75.7	76.4	78.0	80.0	81.0	83.7	85.9	86.4	90.0	91.0	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114	FAIRCHILD AFB WA	70-79	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	24.6	25.1	25.4	25.5	25.9	26.2	26.2	26.5	26.6	26.6	26.6	26.6	26.7	27.0	27.5	28.0
≥ 20000	27.3	27.9	28.3	28.4	28.8	29.2	29.2	29.4	29.6	29.6	29.6	29.6	29.7	29.9	30.5	31.0
≥ 18000	28.6	29.2	29.6	29.7	30.1	30.5	30.5	30.7	30.9	30.9	30.9	30.9	31.0	31.2	31.8	32.3
≥ 16000	28.7	29.3	29.7	29.8	30.3	30.6	30.6	30.9	31.0	31.0	31.0	31.0	31.1	31.3	31.9	32.4
≥ 14000	31.4	32.1	32.4	32.5	33.0	33.3	33.3	33.6	33.7	33.7	33.7	33.7	33.8	34.0	34.6	35.1
≥ 12000	33.6	34.3	34.8	34.9	35.3	35.7	35.7	35.9	36.2	36.2	36.2	36.2	36.3	36.5	37.1	37.6
≥ 10000	35.5	36.3	37.0	37.2	37.8	38.2	38.3	38.5	38.8	38.8	38.8	38.8	38.9	39.1	39.7	40.2
≥ 9000	37.4	38.2	39.9	39.1	39.7	40.1	40.2	40.4	40.7	40.7	40.7	40.7	40.8	41.0	41.6	42.1
≥ 8000	40.4	41.5	42.2	42.4	43.0	43.4	43.5	43.7	44.0	44.0	44.0	44.0	44.1	44.3	44.9	45.4
≥ 7000	44.3	45.4	46.1	46.3	47.0	47.4	47.5	47.9	48.1	48.1	48.1	48.1	48.2	48.5	49.1	49.5
≥ 6000	46.7	48.0	48.7	48.9	49.6	50.0	50.1	50.5	50.7	50.7	50.7	50.7	50.8	51.1	51.7	52.1
≥ 5000	49.1	50.5	51.2	51.4	52.1	52.5	52.6	53.0	53.2	53.2	53.2	53.2	53.3	53.5	54.1	54.6
≥ 4500	50.9	52.4	53.1	53.3	54.0	54.4	54.5	54.8	55.1	55.1	55.1	55.1	55.2	55.4	56.0	56.5
≥ 4000	52.4	54.0	54.9	55.1	55.9	56.3	56.5	56.9	57.1	57.2	57.3	57.3	57.4	57.7	58.3	58.7
≥ 3500	52.8	55.0	55.8	56.0	56.9	57.2	57.4	57.8	58.0	58.2	58.3	58.3	58.4	58.6	59.2	59.7
≥ 3000	54.6	57.1	58.1	58.3	59.1	59.5	59.7	60.2	60.4	60.5	60.6	60.6	60.8	61.0	61.6	62.1
≥ 2500	55.4	58.3	59.2	59.5	60.6	61.0	61.2	61.7	61.9	62.1	62.2	62.2	62.3	62.5	63.1	63.6
≥ 2000	55.7	58.9	59.8	60.2	61.3	61.7	61.9	62.5	62.8	62.9	63.0	63.0	63.1	63.4	63.9	64.4
≥ 1800	56.0	59.2	60.2	60.5	61.7	62.1	62.3	62.9	63.1	63.4	63.5	63.5	63.6	63.8	64.4	64.9
≥ 1500	56.3	60.0	61.0	61.5	62.8	63.2	63.5	64.2	64.4	64.8	64.9	64.9	65.0	65.2	65.8	66.3
≥ 1200	56.9	60.6	61.6	62.2	63.6	64.1	64.3	65.0	65.2	65.6	65.7	65.7	65.8	66.1	66.7	67.1
≥ 1000	58.2	62.1	63.0	63.7	65.1	66.0	66.3	67.0	67.5	67.8	68.0	68.0	68.1	68.3	68.9	69.4
≥ 900	58.5	62.8	63.7	64.4	66.0	66.8	67.1	67.8	68.3	68.7	68.8	68.8	68.9	69.1	69.7	70.2
≥ 800	59.1	63.6	64.5	65.2	66.9	67.8	68.2	69.0	69.5	69.9	70.1	70.1	70.2	70.4	71.0	71.5
≥ 700	60.2	64.9	66.1	66.9	68.9	69.9	70.3	71.3	71.7	72.2	72.5	72.5	72.6	72.8	73.5	74.0
≥ 600	61.0	66.3	67.8	68.9	71.0	72.0	72.7	73.6	74.1	74.8	75.3	75.3	75.4	75.8	76.5	77.0
≥ 500	62.1	68.0	69.6	70.9	73.9	75.4	76.7	78.1	78.8	80.3	81.3	81.4	82.0	82.4	83.1	83.6
≥ 400	62.4	69.4	71.2	72.9	76.4	77.9	79.7	81.6	82.6	84.4	86.2	86.3	87.4	87.7	88.7	89.1
≥ 300	62.5	69.5	71.3	73.2	77.0	78.6	80.6	82.7	83.8	86.3	88.7	88.8	90.4	91.3	92.8	93.6
≥ 200	62.5	69.5	71.3	73.2	77.2	79.1	81.1	83.6	84.6	87.9	90.8	91.1	93.5	94.6	97.4	98.7
≥ 100	62.6	69.6	71.4	73.3	77.3	79.2	81.2	83.7	84.8	88.1	90.9	91.3	93.7	94.8	97.8	99.9
≥ 0	62.6	69.6	71.4	73.3	77.3	79.2	81.2	83.7	84.8	88.1	90.9	91.3	93.7	94.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

5363

USAF ETAC FORM JUL 64 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94,14 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.6	29.7	30.1	30.1	30.3	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.7	30.7	31.0	31.0
≥ 20000	33.1	34.3	34.5	34.5	34.6	34.6	34.6	34.8	34.9	34.9	34.9	34.9	35.1	35.1	35.3	35.3
≥ 18000	33.7	34.8	35.2	35.2	35.3	35.3	35.3	35.5	35.6	35.6	35.6	35.6	35.8	35.8	36.1	36.1
≥ 16000	34.0	35.1	35.6	35.6	35.7	35.7	35.7	35.8	35.9	35.9	35.9	35.9	36.2	36.2	36.4	36.4
≥ 14000	35.6	36.6	37.1	37.1	37.2	37.2	37.2	37.4	37.5	37.5	37.5	37.5	37.7	37.7	37.9	37.9
≥ 12000	39.0	40.1	40.5	40.5	40.7	40.7	40.7	40.8	40.9	40.9	40.9	40.9	41.1	41.1	41.4	41.4
≥ 10000	42.0	43.4	44.1	44.2	44.3	44.3	44.3	44.4	44.6	44.6	44.6	44.6	44.8	44.8	45.0	45.0
≥ 9000	45.2	46.6	47.3	47.4	47.5	47.5	47.5	47.6	47.8	47.8	47.8	47.8	48.0	48.0	48.2	48.2
≥ 8000	48.0	49.6	50.4	50.5	50.6	50.6	50.6	50.7	50.8	50.8	50.8	50.8	51.1	51.1	51.3	51.3
≥ 7000	53.1	55.0	55.7	55.8	55.9	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.4	56.4	56.6	56.6
≥ 6000	54.8	56.9	57.6	57.7	57.9	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.4	58.4	58.6	58.6
≥ 5000	56.3	58.3	59.1	59.3	59.7	59.7	59.7	59.8	59.9	59.9	59.9	59.9	60.2	60.2	60.4	60.4
≥ 4500	58.5	60.6	61.5	61.7	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.5	62.5	62.8	62.8
≥ 4000	61.5	63.8	64.7	64.9	65.2	65.2	65.2	65.4	65.5	65.5	65.5	65.5	65.7	65.7	66.0	66.0
≥ 3500	62.3	64.7	65.5	65.7	66.1	66.2	66.2	66.3	66.4	66.4	66.4	66.4	66.7	66.7	66.9	66.9
≥ 3000	65.0	67.7	68.7	68.9	69.5	69.6	69.7	69.9	70.0	70.1	70.1	70.1	70.3	70.3	70.6	70.6
≥ 2500	65.8	68.6	69.5	69.7	70.4	70.6	70.8	70.9	71.0	71.2	71.2	71.2	71.4	71.4	71.6	71.6
≥ 2000	66.7	69.6	70.6	70.8	71.6	71.7	72.1	72.2	72.3	72.7	72.7	72.7	72.9	72.9	73.2	73.2
≥ 1800	66.9	69.9	70.8	71.0	72.0	72.1	72.6	72.7	72.8	73.2	73.2	73.2	73.4	73.4	73.6	73.6
≥ 1500	67.4	70.8	71.9	72.1	73.5	73.6	74.3	74.5	74.7	75.2	75.2	75.2	75.4	75.4	75.7	75.7
≥ 1200	68.1	72.3	73.2	73.4	74.8	74.9	76.0	76.2	76.5	77.1	77.2	77.2	77.4	77.4	77.7	77.7
≥ 1000	69.1	73.3	74.5	74.7	76.5	76.6	77.7	78.0	78.3	79.0	79.1	79.1	79.4	79.4	79.7	79.7
≥ 900	69.4	74.2	75.5	75.8	77.5	77.7	78.7	79.1	79.3	80.0	80.1	80.1	80.5	80.5	80.7	80.7
≥ 800	70.0	75.2	76.8	77.2	79.1	79.3	80.4	80.9	81.1	81.9	82.0	82.0	82.4	82.4	82.6	82.6
≥ 700	70.3	76.6	78.6	79.1	81.1	81.3	82.5	83.0	83.3	84.2	84.3	84.3	84.6	84.6	84.9	84.9
≥ 600	70.9	77.8	79.8	80.4	83.0	83.2	84.5	85.1	85.5	86.3	86.5	86.5	86.9	86.9	87.1	87.1
≥ 500	71.5	79.0	81.1	81.7	85.1	85.6	87.0	87.6	88.1	89.5	90.0	90.0	90.4	90.4	90.7	90.7
≥ 400	71.7	79.4	81.8	83.0	87.0	87.5	89.2	90.3	90.9	92.6	93.1	93.1	93.6	93.6	94.0	94.1
≥ 300	71.7	79.7	82.0	83.3	88.1	88.8	90.8	91.8	92.4	94.7	96.5	96.5	97.2	97.2	97.8	98.1
≥ 200	71.7	79.7	82.0	83.3	88.1	88.8	91.1	92.3	92.9	95.4	97.6	97.8	98.6	98.6	99.4	100.0
≥ 100	71.7	79.7	82.0	83.3	88.1	88.8	91.1	92.3	92.9	95.4	97.6	97.8	98.6	98.6	99.4	100.0
≥ 0	71.7	79.7	82.0	83.3	88.1	88.8	91.1	92.3	92.9	95.4	97.6	97.8	98.6	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	34.9	35.5	35.6	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3
≥ 20000	39.7	40.4	40.5	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.3
≥ 18000	41.4	41.1	41.3	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	42.0
≥ 16000	41.7	42.6	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4
≥ 14000	44.2	45.1	45.2	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.9
≥ 12000	46.6	47.4	47.5	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.2
≥ 10000	50.7	52.0	52.2	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	53.0
≥ 9000	53.3	55.0	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.9
≥ 8000	56.5	58.2	58.4	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
≥ 7000	61.1	62.8	63.0	63.2	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.1
≥ 6000	63.5	65.1	65.4	65.6	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4
≥ 5000	66.8	67.7	68.0	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0
≥ 4500	67.7	68.8	69.0	69.3	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1
≥ 4000	69.1	71.0	71.3	71.5	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3
≥ 3500	72.7	72.7	72.9	73.2	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	74.0
≥ 3000	73.6	76.1	76.7	77.1	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	78.0
≥ 2500	74.7	77.3	77.9	78.4	78.8	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4
≥ 2000	75.1	77.7	78.4	78.8	79.6	79.7	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 1800	75.1	77.7	78.4	78.8	79.6	79.7	79.9	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.5
≥ 1500	75.7	78.4	79.2	79.8	80.9	81.0	81.3	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 1200	76.3	79.2	80.1	80.7	81.9	82.0	82.4	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.1
≥ 1000	77.2	80.6	81.8	82.6	84.0	84.2	84.5	84.8	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.5
≥ 900	77.7	81.6	82.7	83.6	85.0	85.1	85.5	85.7	85.7	86.1	86.2	86.2	86.2	86.2	86.2	86.4
≥ 800	78.1	83.1	84.2	85.3	86.6	86.8	87.1	87.4	87.5	87.9	88.2	88.2	88.2	88.2	88.2	88.4
≥ 700	78.8	84.0	85.2	86.1	87.8	87.9	88.4	88.7	88.8	89.2	89.5	89.5	89.5	89.5	89.5	89.7
≥ 600	79.4	84.8	86.5	87.6	89.7	89.8	90.9	91.3	91.5	92.0	92.3	92.3	92.3	92.3	92.3	92.6
≥ 500	79.6	85.1	87.2	88.3	90.7	90.8	91.8	92.3	92.6	93.1	93.6	93.6	93.6	93.6	93.6	93.9
≥ 400	79.6	85.2	87.6	88.9	91.5	91.6	92.7	93.3	93.6	94.7	95.3	95.3	95.4	95.4	95.4	95.6
≥ 300	79.6	85.3	87.8	89.1	92.1	92.2	93.4	94.0	94.4	96.1	97.3	97.3	97.9	97.9	98.1	98.3
≥ 200	79.6	85.3	87.8	89.1	92.2	92.3	93.5	94.2	94.7	96.3	97.6	97.6	98.5	98.5	98.9	99.9
≥ 100	79.6	85.3	87.8	89.1	92.2	92.3	93.5	94.2	94.7	96.3	97.6	97.6	98.6	98.6	99.1	100.0
≥ 0	79.6	85.3	87.8	89.1	92.2	92.3	93.5	94.2	94.7	96.3	97.6	97.6	98.6	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5364

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.2	40.0	40.4	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.6	41.6
≥ 20000	42.8	43.6	44.1	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.3	45.4
≥ 18000	43.5	44.3	44.8	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	46.0	46.1
≥ 16000	44.0	44.8	45.3	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.5	46.6
≥ 14000	45.9	46.9	47.4	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.6	48.7
≥ 12000	48.8	49.9	50.4	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.5	51.7
≥ 10000	51.7	52.7	53.2	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.4	54.5
≥ 9000	53.5	54.7	55.2	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.4	56.5
≥ 8000	56.9	58.3	58.7	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.9	60.0
≥ 7000	59.8	61.5	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.8	62.8	63.1	63.2
≥ 6000	61.3	63.0	63.5	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.7	64.8
≥ 5000	64.9	66.5	67.0	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.3	68.4
≥ 4500	65.5	67.1	67.6	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.9	69.0
≥ 4000	68.7	70.3	70.9	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	72.2	72.3
≥ 3500	69.4	71.4	72.1	72.5	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.4	73.5
≥ 3000	70.7	73.4	74.1	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.5	75.7
≥ 2500	71.7	74.8	75.5	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.8	77.2	77.3
≥ 2000	72.8	76.1	77.0	77.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.8	79.0
≥ 1800	72.8	76.1	77.0	77.5	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.8	79.0
≥ 1500	74.0	77.3	78.3	78.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.4	80.5
≥ 1200	74.3	77.8	78.7	79.3	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7	81.1	81.2
≥ 1000	74.8	78.6	79.6	80.1	81.3	81.3	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	82.2	82.3
≥ 900	75.4	79.7	80.9	81.3	82.5	82.5	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.5	83.6
≥ 800	75.8	80.4	81.3	82.0	83.2	83.2	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	84.2	84.3
≥ 700	76.0	80.9	81.8	82.5	83.8	83.9	84.3	84.3	84.4	84.8	84.8	84.8	84.9	84.9	85.2	85.3
≥ 600	77.3	82.6	83.7	84.6	85.9	86.2	86.6	87.0	87.1	87.5	87.5	87.5	87.6	87.6	87.9	88.1
≥ 500	77.9	83.9	85.0	86.1	87.4	87.7	88.3	88.8	88.9	89.5	89.5	89.5	89.6	89.7	90.1	90.2
≥ 400	78.3	85.1	86.5	87.6	89.4	89.7	90.9	91.4	91.7	92.8	92.9	92.9	93.3	93.4	93.9	94.0
≥ 300	78.3	85.8	87.2	88.4	90.8	91.3	92.7	93.7	94.4	95.9	96.2	96.5	97.4	97.5	98.1	98.2
≥ 200	78.3	85.8	87.2	88.4	90.8	91.3	92.7	93.7	94.4	96.0	96.3	96.6	97.6	97.8	99.2	99.8
≥ 100	78.3	85.8	87.2	88.4	90.8	91.3	92.7	93.7	94.4	96.0	96.3	96.6	97.6	97.8	99.2	99.9
0	78.3	85.8	87.2	88.4	90.8	91.3	92.7	93.7	94.4	96.0	96.3	96.6	97.6	97.8	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	39.8	40.4	40.5	40.7	41.0	41.0	41.0	41.4	41.6	41.7	42.0	42.1	42.2	42.2	42.6	42.8
≥ 20000	43.3	44.0	44.1	44.2	44.6	44.6	44.6	44.9	45.2	45.3	45.5	45.6	46.0	46.2	46.6	46.9
≥ 18000	43.7	44.4	44.6	44.7	45.0	45.0	45.0	45.4	45.6	45.7	46.0	46.1	46.5	46.7	47.0	47.4
≥ 16000	43.7	44.4	44.6	44.7	45.0	45.0	45.0	45.4	45.6	45.7	46.0	46.1	46.5	46.7	47.0	47.4
≥ 14000	44.8	45.5	45.6	45.7	46.1	46.1	46.1	46.5	46.7	46.8	47.0	47.2	47.5	47.8	48.1	48.5
≥ 12000	47.3	47.8	47.9	48.0	48.3	48.3	48.3	48.7	48.9	49.1	49.3	49.4	49.8	50.0	50.4	50.7
≥ 10000	49.1	49.9	50.0	50.1	50.5	50.5	50.5	50.8	51.1	51.2	51.4	51.5	51.9	52.1	52.5	52.8
≥ 9000	50.2	51.3	51.4	51.5	51.9	51.9	51.9	52.2	52.5	52.6	52.8	53.0	53.3	53.5	53.9	54.3
≥ 8000	53.4	54.5	54.6	54.7	55.1	55.1	55.1	55.6	55.8	56.1	56.4	56.5	56.9	57.1	57.4	57.8
≥ 7000	56.3	57.8	57.9	58.0	58.4	58.4	58.4	58.9	59.1	59.5	59.7	59.8	60.2	60.4	60.8	61.1
≥ 6000	58.7	60.3	60.4	60.5	60.9	60.9	60.9	61.3	61.6	61.9	62.2	62.3	62.6	62.9	63.2	63.6
≥ 5000	63.1	64.6	64.9	65.0	65.4	65.4	65.4	65.8	66.1	66.4	66.7	66.8	67.1	67.4	67.7	68.1
≥ 4500	63.8	65.5	65.6	65.7	66.1	66.1	66.1	66.5	66.8	67.1	67.4	67.5	67.8	68.1	68.4	68.8
≥ 4000	66.3	68.1	68.2	68.3	68.7	68.7	68.7	69.1	69.4	69.7	70.0	70.1	70.4	70.7	71.0	71.4
≥ 3500	67.1	68.9	69.1	69.1	69.5	69.5	69.5	70.0	70.2	70.6	70.8	70.9	71.3	71.5	71.9	72.2
≥ 3000	69.3	71.2	71.3	71.4	71.7	71.7	71.7	72.2	72.5	72.8	73.0	73.2	73.5	73.8	74.1	74.5
≥ 2500	70.0	72.0	72.1	72.2	72.6	72.7	72.7	73.2	73.4	73.8	74.0	74.1	74.5	74.7	75.1	75.4
≥ 2000	72.2	74.5	74.6	74.7	75.4	75.5	75.5	76.1	76.4	76.7	77.0	77.1	77.4	77.7	78.0	78.4
≥ 1800	72.2	74.5	74.6	74.7	75.5	75.7	75.7	76.2	76.5	76.8	77.1	77.2	77.5	77.8	78.1	78.5
≥ 1500	73.9	76.1	76.4	76.5	77.3	77.4	77.4	78.0	78.3	78.6	78.8	79.0	79.3	79.6	79.9	80.3
≥ 1200	74.0	76.6	76.8	77.0	77.8	77.9	77.9	78.5	78.7	79.1	79.3	79.4	79.9	80.1	80.5	80.9
≥ 1000	74.3	77.2	77.5	77.7	78.7	78.8	78.8	79.6	79.8	80.1	80.4	80.5	81.0	81.2	81.6	81.9
≥ 900	74.5	77.4	77.8	77.9	79.0	79.1	79.1	79.8	80.0	80.4	80.6	80.7	81.2	81.4	81.8	82.2
≥ 800	74.9	78.3	78.4	78.5	80.0	80.1	80.1	80.9	81.1	81.6	81.8	81.9	82.4	82.6	83.0	83.3
≥ 700	75.4	78.7	79.1	79.3	81.0	81.1	81.2	82.2	82.4	82.9	83.1	83.2	83.7	83.9	84.3	84.6
≥ 600	75.7	79.1	79.8	80.0	81.9	82.0	82.3	83.5	83.7	84.2	84.4	84.5	85.0	85.2	85.7	86.1
≥ 500	76.4	80.3	81.0	81.2	83.5	83.7	84.2	85.8	86.2	86.8	87.0	87.1	87.6	87.8	88.4	88.8
≥ 400	76.7	81.0	82.3	82.6	84.9	85.2	86.5	88.5	88.9	89.6	90.1	90.2	90.7	90.9	91.6	92.0
≥ 300	76.7	81.4	83.2	83.7	86.3	86.6	88.[illegible]	90.7	91.[illegible]	92.1	92.8	93.0	94.3	94.6	95.6	96.3
≥ 200	76.7	81.6	83.3	83.8	86.4	87.0	88.[illegible]	91.0	91.7	93.3	94.1	94.3	96.2	96.5	98.2	99.8
≥ 100	76.7	81.6	83.3	83.8	86.4	87.0	88.7	91.0	91.7	93.3	94.1	94.3	96.2	96.5	98.3	100.0
≥ 0	76.7	81.6	83.3	83.8	86.4	87.0	88.7	91.0	91.7	93.3	94.1	94.3	96.2	96.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC FORM JUN 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5365

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	32.6	33.1	33.3	33.4	33.8	33.9	34.0	34.1	34.2	34.4	34.4	34.5	34.7	34.8	35.0	35.3
≥ 20000	35.6	36.2	36.4	36.6	37.0	37.0	37.1	37.3	37.4	37.5	37.6	37.6	37.9	38.0	38.3	38.6
≥ 18000	36.3	36.8	37.1	37.2	37.6	37.7	37.8	38.0	38.1	38.2	38.3	38.3	38.6	38.7	39.0	39.2
≥ 16000	36.7	37.3	37.5	37.7	38.1	38.2	38.3	38.4	38.5	38.7	38.8	38.8	39.1	39.2	39.5	39.7
≥ 14000	38.3	38.9	39.2	39.3	39.7	39.8	39.9	40.1	40.2	40.3	40.4	40.4	40.7	40.8	41.1	41.3
≥ 12000	40.9	41.5	41.8	41.9	42.3	42.4	42.5	42.7	42.9	43.0	43.1	43.1	43.4	43.5	43.8	44.1
≥ 10000	43.6	44.4	44.8	44.9	45.3	45.5	45.6	45.8	46.0	46.1	46.2	46.2	46.5	46.7	47.0	47.3
≥ 9000	45.4	46.3	46.7	46.8	47.3	47.4	47.5	47.7	47.9	48.0	48.1	48.1	48.4	48.6	48.9	49.2
≥ 8000	48.4	49.4	49.8	49.9	50.4	50.5	50.6	50.8	51.0	51.2	51.2	51.3	51.6	51.7	52.1	52.3
≥ 7000	52.3	53.5	53.8	54.0	54.5	54.7	54.8	55.1	55.2	55.4	55.5	55.5	55.8	56.0	56.3	56.6
≥ 6000	54.6	55.8	56.2	56.4	56.9	57.1	57.2	57.4	57.6	57.8	57.9	57.9	58.2	58.4	58.7	59.0
≥ 5000	57.5	58.8	59.2	59.4	60.0	60.2	60.3	60.5	60.7	60.9	61.0	61.0	61.3	61.5	61.8	62.1
≥ 4500	58.7	60.0	60.4	60.6	61.2	61.4	61.5	61.8	61.9	62.1	62.2	62.2	62.6	62.7	63.0	63.3
≥ 4000	60.7	62.1	62.6	62.8	63.4	63.5	63.7	63.9	64.1	64.3	64.4	64.5	64.8	64.9	65.3	65.6
≥ 3500	61.7	63.3	63.7	63.9	64.5	64.7	64.9	65.1	65.3	65.5	65.6	65.6	66.0	66.1	66.5	66.8
≥ 3000	63.6	65.6	66.1	66.4	67.0	67.2	67.4	67.7	67.8	68.1	68.2	68.2	68.6	68.7	69.0	69.3
≥ 2500	64.6	66.9	67.4	67.7	68.5	68.7	68.9	69.2	69.4	69.6	69.7	69.7	70.1	70.2	70.5	70.8
≥ 2000	65.5	67.9	68.6	68.8	69.8	70.0	70.2	70.6	70.7	71.0	71.1	71.2	71.5	71.6	72.0	72.3
≥ 1800	65.7	68.1	68.7	69.0	70.0	70.2	70.5	70.8	71.0	71.2	71.4	71.4	71.7	71.9	72.2	72.5
≥ 1500	66.4	69.1	69.8	70.2	71.4	71.7	71.9	72.3	72.5	72.8	72.9	73.0	73.3	73.5	73.8	74.1
≥ 1200	66.9	69.8	70.5	70.9	72.2	72.5	72.9	73.3	73.4	73.6	74.0	74.0	74.4	74.5	74.9	75.2
≥ 1000	67.6	70.8	71.7	72.1	73.7	74.0	74.5	74.9	75.1	75.5	75.7	75.7	76.1	76.3	76.6	76.9
≥ 900	68.0	71.6	72.4	72.9	74.4	74.8	75.3	75.8	76.0	76.4	76.5	76.6	77.0	77.1	77.4	77.7
≥ 800	68.6	72.4	73.3	73.8	75.6	75.9	76.5	77.0	77.2	77.7	77.9	77.9	78.3	78.4	78.8	79.1
≥ 700	69.1	73.3	74.3	74.9	76.8	77.2	77.8	78.4	78.7	79.2	79.4	79.4	79.8	80.0	80.3	80.7
≥ 600	69.7	74.3	75.6	76.3	78.4	78.8	79.6	80.3	80.6	81.2	81.5	81.5	81.9	82.1	82.5	82.8
≥ 500	70.3	75.5	77.0	77.7	80.3	80.8	81.9	82.8	83.2	84.1	84.5	84.6	85.1	85.3	85.7	86.0
≥ 400	70.7	76.5	78.3	79.3	82.2	82.8	84.2	85.4	86.0	87.3	88.0	88.1	88.8	89.0	89.6	90.0
≥ 300	70.8	77.1	79.0	80.1	83.6	84.3	86.1	87.6	88.3	90.4	91.6	91.8	93.1	93.5	94.5	95.1
≥ 200	70.8	77.2	79.2	80.2	83.8	84.6	86.5	88.2	88.9	91.4	93.1	93.4	95.2	95.7	98.0	99.4
≥ 100	70.8	77.2	79.2	80.2	83.9	84.7	86.5	88.3	89.0	91.5	93.2	93.5	95.3	95.9	98.2	99.9
≥ 0	70.8	77.2	79.2	80.2	83.9	84.7	86.5	88.3	89.0	91.5	93.2	93.5	95.3	95.9	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4214 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	54.8	55.2	55.2	55.2	55.3	55.3	55.3	55.5	55.5	55.8	55.8	55.8	55.9	56.0	56.1	56.1
≥ 20000	58.5	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.5	59.5	59.5	59.6	59.7	59.8	59.8
≥ 18000	58.5	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.5	59.5	59.5	59.6	59.7	59.8	59.8
≥ 16000	58.5	58.8	58.8	58.8	58.9	58.9	58.9	59.1	59.1	59.5	59.5	59.5	59.6	59.7	59.8	59.8
≥ 14000	60.5	60.9	60.9	60.9	61.0	61.0	61.0	61.2	61.2	61.5	61.5	61.5	61.6	61.7	61.8	61.8
≥ 12000	63.4	63.8	63.8	63.8	64.0	64.0	64.0	64.2	64.2	64.5	64.5	64.5	64.6	64.7	64.8	64.8
≥ 10000	67.5	67.8	67.8	67.8	68.1	68.1	68.1	68.3	68.3	68.7	68.8	68.8	68.9	69.0	69.1	69.1
≥ 9000	69.0	69.4	69.4	69.4	69.6	69.6	69.6	69.8	69.8	70.2	70.3	70.4	70.5	70.8	70.9	70.9
≥ 8000	71.2	71.6	71.6	71.6	71.8	71.8	71.8	72.0	72.0	72.5	72.6	72.7	72.8	73.0	73.1	73.1
≥ 7000	75.3	75.7	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.6	76.7	76.8	76.9	77.1	77.2	77.2
≥ 6000	77.2	77.7	77.7	77.7	78.0	78.0	78.0	78.2	78.2	78.6	78.7	78.8	78.9	79.1	79.2	79.2
≥ 5000	80.1	80.8	80.8	80.8	81.0	81.0	81.0	81.2	81.2	81.6	81.7	81.8	81.9	82.2	82.3	82.3
≥ 4500	81.4	82.1	82.1	82.1	82.3	82.3	82.3	82.5	82.5	82.9	83.0	83.1	83.2	83.4	83.5	83.5
≥ 4000	83.5	84.2	84.2	84.2	84.4	84.4	84.4	84.6	84.6	85.1	85.2	85.3	85.5	85.7	85.8	85.8
≥ 3500	84.3	84.9	85.1	85.1	85.3	85.3	85.3	85.5	85.5	85.9	86.0	86.1	86.3	86.6	86.7	86.7
≥ 3000	86.2	87.1	87.2	87.2	87.4	87.4	87.4	87.6	87.6	88.1	88.2	88.3	88.5	88.7	88.8	88.8
≥ 2500	86.8	87.8	88.0	88.0	88.3	88.3	88.3	88.5	88.5	88.9	89.1	89.2	89.6	89.8	89.9	89.9
≥ 2000	87.3	88.6	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.7	89.9	90.0	90.3	90.5	90.6	90.6
≥ 1800	87.5	88.9	89.0	89.0	89.4	89.4	89.4	89.6	89.6	90.0	90.2	90.3	90.6	90.9	91.0	91.0
≥ 1500	87.7	89.1	89.2	89.2	89.6	89.6	89.6	89.8	89.8	90.2	90.4	90.5	90.9	91.1	91.2	91.2
≥ 1200	88.2	89.6	89.7	89.7	90.1	90.1	90.1	90.3	90.3	90.8	91.0	91.1	91.4	91.6	91.7	91.7
≥ 1000	88.6	90.2	90.3	90.4	91.1	91.1	91.1	91.3	91.3	91.7	91.9	92.0	92.4	92.6	92.7	92.7
≥ 900	88.7	90.5	90.6	90.8	91.4	91.4	91.4	91.6	91.6	92.0	92.3	92.4	92.7	92.9	93.0	93.0
≥ 800	88.9	90.9	91.1	91.1	91.7	91.7	91.7	92.3	92.3	92.7	92.9	93.0	93.3	93.5	93.7	93.7
≥ 700	88.9	91.0	91.1	91.2	91.9	91.9	91.9	92.5	92.5	92.9	93.1	93.2	93.5	93.8	93.9	93.9
≥ 600	88.9	91.2	91.4	91.5	92.5	92.5	92.5	93.0	93.0	93.4	93.7	93.8	94.2	94.4	94.5	94.5
≥ 500	89.2	91.7	92.3	92.4	93.8	93.8	93.8	94.3	94.4	94.9	95.2	95.4	95.7	95.9	96.0	96.0
≥ 400	89.2	91.7	92.3	92.4	93.9	94.0	94.1	94.9	95.1	95.7	95.9	96.1	96.5	96.7	97.1	97.1
≥ 300	89.2	91.8	92.5	92.9	94.5	94.7	95.1	95.9	96.2	97.1	97.4	97.6	98.0	98.3	98.7	99.0
≥ 200	89.2	91.8	92.5	92.9	94.5	94.7	95.1	96.0	96.3	97.2	97.5	97.7	98.1	98.5	99.0	99.4
≥ 100	89.2	91.8	92.6	92.9	94.6	94.8	95.2	96.2	96.6	97.4	97.7	98.0	98.3	98.7	99.7	100.0
≥ 0	89.2	91.8	92.6	92.9	94.6	94.8	95.2	96.2	96.6	97.4	97.7	98.0	98.3	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5366

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 7?-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.4	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	51.0	51.0	51.0	51.2	51.3	51.7	51.7
≥ 20000	54.2	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.9	55.1	55.5	55.5
≥ 18000	54.8	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.4	55.6	55.7	56.1	56.1
≥ 16000	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5	55.7	55.8	56.2	56.2
≥ 14000	56.2	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.8	56.8	56.8	57.0	57.1	57.5	57.5
≥ 12000	58.2	58.3	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.7	58.7	58.7	59.0	59.1	59.6	59.6
≥ 10000	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.5	62.6	63.0	63.0
≥ 9000	63.0	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.7	63.7	63.7	64.0	64.1	64.5	64.5
≥ 8000	66.7	67.0	67.3	67.3	67.4	67.4	67.6	67.6	67.6	67.6	67.8	67.8	68.2	68.3	68.7	68.7
≥ 7000	69.9	70.2	70.5	70.5	70.6	70.6	70.9	70.9	70.9	71.1	71.1	71.1	71.4	71.5	71.9	71.9
≥ 6000	71.2	71.5	71.8	71.9	72.0	72.0	72.3	72.3	72.3	72.5	72.5	72.5	72.8	72.9	73.3	73.3
≥ 5000	74.8	75.3	75.6	75.7	75.9	75.9	76.1	76.1	76.1	76.3	76.3	76.3	76.7	76.8	77.2	77.2
≥ 4500	76.3	76.9	77.2	77.3	77.5	77.5	77.7	77.7	77.7	78.0	78.0	78.0	78.3	78.4	78.8	78.8
≥ 4000	76.7	78.8	79.1	79.2	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.0	80.3	80.4	80.9	80.9
≥ 3500	78.9	81.0	80.3	80.4	80.8	80.8	81.0	81.0	81.0	81.2	81.2	81.2	81.7	81.8	82.3	82.3
≥ 3000	80.4	81.6	81.9	82.0	82.5	82.5	82.8	82.8	83.0	83.2	83.2	83.2	83.8	83.9	84.3	84.3
≥ 2500	80.8	82.3	82.6	82.7	83.2	83.2	83.5	83.5	83.8	84.1	84.1	84.1	84.6	84.7	85.3	85.3
≥ 2000	81.4	82.9	83.2	83.3	84.1	84.1	84.4	84.5	84.7	85.1	85.1	85.1	85.6	85.7	86.2	86.2
≥ 1800	81.4	83.1	83.4	83.5	84.3	84.3	84.6	84.8	85.1	85.4	85.4	85.4	85.9	86.0	86.6	86.6
≥ 1500	81.4	83.1	83.5	83.7	84.4	84.4	84.8	85.1	85.3	85.7	85.7	85.7	86.2	86.3	86.9	86.9
≥ 1200	81.9	84.1	84.4	84.5	85.3	85.3	85.7	85.9	86.1	86.6	86.6	86.6	87.1	87.2	87.7	87.7
≥ 1000	82.2	84.7	85.5	85.6	86.7	86.7	87.3	87.5	87.7	88.2	88.2	88.2	88.7	88.8	89.4	89.4
≥ 900	82.4	84.9	85.7	85.8	86.9	86.9	87.5	87.7	88.0	88.4	88.4	88.4	88.9	89.0	89.6	89.6
≥ 800	82.4	85.3	86.0	86.1	87.2	87.2	88.0	88.2	88.4	88.8	88.8	88.8	89.4	89.5	90.0	90.0
≥ 700	82.7	85.7	86.5	86.7	88.0	88.0	88.8	89.0	89.2	89.7	89.7	89.7	90.2	90.3	90.9	90.9
≥ 600	82.9	85.9	86.7	86.9	88.2	88.2	89.0	89.2	89.5	89.9	89.9	89.9	90.4	90.5	91.1	91.1
≥ 500	83.3	86.3	87.1	87.3	89.5	89.6	90.6	90.9	91.1	91.7	91.8	91.8	92.4	92.5	93.0	93.0
≥ 400	83.5	86.9	87.8	88.3	90.0	90.1	91.2	91.5	91.7	92.7	93.0	93.0	93.5	93.8	94.6	94.6
≥ 300	83.7	87.4	88.4	88.8	90.9	91.0	92.3	92.7	92.9	94.0	94.7	94.8	95.8	96.0	97.2	97.2
≥ 200	83.7	87.5	88.5	88.9	91.3	91.5	93.0	93.8	94.1	95.2	96.0	96.1	97.4	97.6	99.1	99.1
≥ 100	83.7	87.5	88.5	88.9	91.3	91.5	93.0	93.8	94.1	95.2	96.0	96.1	97.5	97.7	99.7	100.0
≥ 0	83.7	87.5	88.5	88.9	91.3	91.5	93.0	93.8	94.1	95.2	96.0	96.1	97.5	97.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥0	≥0
NO CEILING	41.5	42.2	42.2	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.7	42.9	43.4	43.9
≥ 20000	46.3	47.0	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.5	47.7	48.3	48.7
≥ 18000	46.9	47.5	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.1	48.3	48.8	49.2
≥ 16000	47.1	47.7	47.7	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.3	48.5	49.0	49.5
≥ 14000	48.5	49.1	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.7	49.9	50.4	50.9
≥ 12000	51.7	52.4	52.4	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.9	53.1	53.7	54.1
≥ 10000	56.5	57.2	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.7	58.0	58.5	58.9
≥ 9000	58.4	59.2	59.2	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.8	60.0	60.5	61.0
≥ 8000	62.3	63.5	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.3	64.5	65.1	65.5
≥ 7000	65.3	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.4	67.6	68.2	68.6
≥ 6000	66.1	67.5	67.5	67.8	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.3	68.5	69.0	69.5
≥ 5000	68.7	70.1	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.8	70.9	71.1	71.6	72.0
≥ 4500	69.6	71.2	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8	71.9	72.2	72.7	73.1
≥ 4000	71.8	73.5	73.5	74.0	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.4	74.5	74.7	75.3	75.7
≥ 3500	72.5	74.2	74.2	74.6	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.1	75.2	75.4	75.9	76.3
≥ 3000	74.2	76.2	76.3	76.9	77.1	77.2	77.3	77.3	77.4	77.7	77.7	77.8	78.0	78.2	78.3	79.2
≥ 2500	75.4	77.5	78.1	78.5	78.9	79.1	79.2	79.2	79.4	79.7	79.7	79.8	79.9	80.1	80.8	81.2
≥ 2000	75.7	78.0	78.4	78.9	79.4	79.6	79.7	79.7	79.8	80.1	80.1	80.2	80.3	80.5	81.2	81.6
≥ 1800	75.8	78.1	78.5	79.0	79.5	79.7	79.8	79.8	79.9	80.2	80.2	80.5	80.4	80.6	81.3	81.7
≥ 1500	75.8	78.1	78.6	79.4	79.8	80.0	80.1	80.2	80.3	80.6	80.6	80.8	81.0	81.2	81.8	82.3
≥ 1200	76.3	79.0	79.8	80.4	81.0	81.2	81.3	81.4	81.5	81.9	82.0	82.2	82.4	82.6	83.2	83.7
≥ 1000	76.9	79.9	80.6	81.4	82.2	82.4	82.6	82.7	83.0	83.4	83.5	83.7	83.9	84.1	84.7	85.2
≥ 900	77.3	80.3	81.1	81.8	82.7	82.9	83.1	83.2	83.5	84.0	84.1	84.2	84.4	84.6	85.3	85.7
≥ 800	77.7	80.9	81.7	82.5	83.3	83.5	83.8	83.9	84.3	84.8	84.9	85.1	85.3	85.5	86.1	86.6
≥ 700	78.6	81.3	82.7	83.5	84.4	84.6	84.9	85.1	85.6	86.3	86.5	86.7	86.9	87.1	87.7	88.2
≥ 600	79.5	82.7	83.5	84.4	85.4	85.6	85.9	86.0	86.6	87.3	87.7	88.0	88.2	88.4	89.0	89.5
≥ 500	80.2	83.9	84.7	85.7	86.8	87.0	87.4	87.6	88.2	89.0	89.7	89.9	90.1	90.3	91.0	91.4
≥ 400	80.9	84.3	85.4	86.3	87.4	87.6	88.2	88.6	89.2	90.3	91.1	91.4	91.8	92.0	93.0	93.4
≥ 300	80.9	84.8	86.0	87.4	88.6	88.9	89.6	90.1	91.0	92.3	93.1	93.4	94.1	94.6	95.7	96.1
≥ 200	80.9	84.9	86.1	87.6	88.8	89.2	89.9	90.5	91.4	93.0	94.2	94.4	95.9	96.8	98.5	99.7
≥ 100	80.8	84.8	86.1	87.6	88.8	89.2	89.9	90.6	91.5	93.1	94.2	94.5	96.0	96.9	98.7	100.0
≥ 0	80.8	84.8	86.1	87.6	88.8	89.2	89.9	90.6	9..5	93.1	94.2	94.5	9..0	96.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5367

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) (MO.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.6	41.3	41.3	41.3	41.6	41.8	41.8	41.9	41.9	42.0	42.0	42.0	42.2	42.2	42.4	42.4
≥ 20000	47.1	46.0	48.0	48.0	48.3	48.5	48.5	48.6	48.6	48.7	48.7	48.7	48.8	48.8	49.0	49.0
≥ 18000	48.1	48.9	48.9	48.9	49.2	49.5	49.5	49.6	49.6	49.7	49.7	49.7	49.8	49.8	50.0	50.0
≥ 16000	49.0	49.9	49.9	49.9	50.2	50.4	50.4	50.5	50.5	50.6	50.6	50.6	50.8	50.8	51.0	51.0
≥ 14000	50.3	51.2	51.2	51.2	51.5	51.7	51.7	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.3	52.3
≥ 12000	54.9	55.9	56.0	56.0	56.3	56.6	56.6	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.1	57.1
≥ 10000	60.8	61.7	61.8	61.8	62.2	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.7	62.7	63.0	63.0
≥ 9000	63.3	64.0	64.1	64.1	64.5	64.7	64.7	64.8	64.8	64.9	64.9	64.9	65.1	65.1	65.4	65.4
≥ 8000	66.3	67.4	67.5	67.5	68.1	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.9	68.9
≥ 7000	68.3	69.8	69.9	69.9	70.4	70.6	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.3	71.3
≥ 6000	69.5	71.1	71.2	71.3	71.8	72.0	72.0	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.8	72.8
≥ 5000	73.2	74.9	75.1	75.3	75.8	76.0	76.0	76.2	76.2	76.3	76.3	76.3	76.5	76.5	76.8	76.8
≥ 4500	73.8	75.5	75.7	75.9	76.5	76.7	76.7	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.4	77.4
≥ 4000	75.3	77.0	77.2	77.4	78.0	78.2	78.2	78.4	78.4	78.6	78.6	78.6	78.7	78.7	79.0	79.0
≥ 3500	76.3	77.7	78.3	78.2	78.7	78.9	78.9	79.1	79.1	79.4	79.4	79.4	79.5	79.5	79.8	79.8
≥ 3000	78.3	79.7	80.1	80.3	80.9	81.1	81.1	81.3	81.4	81.6	81.6	81.6	81.7	81.7	82.0	82.0
≥ 2500	78.2	80.2	80.6	81.0	81.8	82.3	82.0	82.3	82.4	82.6	82.6	82.6	82.7	82.7	83.0	83.0
≥ 2000	79.3	81.3	82.1	82.3	83.3	83.5	83.7	83.9	84.0	84.2	84.2	84.2	84.3	84.3	84.6	84.6
≥ 1800	79.9	82.0	82.8	83.0	84.1	84.3	84.4	84.6	84.7	84.9	84.9	84.9	85.1	85.1	85.4	85.4
≥ 1500	80.3	82.7	83.4	83.7	84.7	84.9	85.2	85.4	85.6	85.9	85.9	85.9	86.1	86.1	86.5	86.5
≥ 1200	80.9	83.4	84.4	84.6	85.7	85.9	86.1	86.3	86.6	86.9	86.9	86.9	87.1	87.1	87.4	87.4
≥ 1000	81.6	84.8	85.9	86.2	87.6	87.8	88.1	88.6	88.8	89.1	89.1	89.1	89.4	89.4	89.7	89.7
≥ 900	81.8	85.3	86.3	86.8	88.4	88.6	88.9	89.5	89.7	90.0	90.0	90.0	90.2	90.2	90.5	90.5
≥ 800	82.3	85.8	87.3	87.4	89.1	89.4	89.7	90.2	90.5	91.0	91.0	91.0	91.2	91.2	91.5	91.5
≥ 700	82.8	86.3	87.5	88.1	89.9	90.1	90.4	91.0	91.5	91.9	91.9	91.9	92.2	92.2	92.5	92.5
≥ 600	83.2	86.9	88.1	88.9	90.5	90.8	91.1	91.8	92.4	92.9	93.0	93.0	93.2	93.2	93.5	93.5
≥ 500	83.3	87.7	88.9	89.6	91.6	91.8	92.4	93.3	93.9	94.4	94.6	94.6	94.9	94.9	95.3	95.3
≥ 400	83.5	87.8	89.1	89.9	92.6	93.0	93.5	94.7	95.4	96.1	96.3	96.3	96.8	96.8	97.1	97.1
≥ 300	83.3	88.2	89.6	90.4	93.3	93.8	94.4	95.8	96.7	97.4	97.6	97.6	98.2	98.2	98.5	98.5
≥ 200	83.3	88.4	89.9	90.8	93.7	94.1	94.8	96.2	97.1	98.1	98.4	98.5	99.1	99.2	99.8	100.0
≥ 100	83.3	88.4	89.9	90.8	93.7	94.1	94.8	96.2	97.1	98.1	98.4	98.5	99.1	99.2	99.8	100.0
≥ 0	83.3	88.4	89.9	90.8	93.7	94.1	94.8	96.2	97.1	98.1	98.4	98.5	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM Jul 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.6	38.9	39.1	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 20000	44.6	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 16000	46.1	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	48.7	49.0	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
≥ 12000	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 10000	57.0	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	57.4	57.4
≥ 9000	58.3	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 8000	62.5	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 7000	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	67.1	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 5000	70.5	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 4500	71.4	72.0	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
≥ 4000	75.9	76.8	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	78.7	79.8	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 3000	82.6	84.1	84.8	84.8	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 2500	83.9	85.5	86.2	86.2	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	85.3	87.2	88.1	88.1	88.7	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1800	85.6	87.5	88.4	88.4	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1500	86.5	88.6	89.7	89.7	90.3	90.3	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	87.4	90.0	91.2	91.2	92.0	92.0	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1000	87.8	90.9	92.2	92.3	93.4	93.4	94.0	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 900	88.0	91.0	92.4	92.5	93.7	93.7	94.2	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	88.1	91.2	92.6	92.7	94.0	94.0	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	88.3	91.4	92.8	92.9	94.3	94.3	94.8	95.5	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	88.6	92.2	93.5	93.8	95.2	95.3	95.8	96.7	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	88.7	92.5	93.9	94.1	95.5	95.6	96.2	97.5	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6
≥ 400	88.7	92.5	93.9	94.1	95.5	95.6	96.2	97.5	97.7	98.2	98.4	98.4	98.6	98.6	98.6	98.6
≥ 300	88.7	92.6	94.0	94.2	95.6	95.7	96.5	97.8	98.1	98.6	99.1	99.1	99.9	99.9	99.9	99.9
≥ 200	88.7	92.6	94.0	94.2	95.6	95.7	96.5	97.8	98.1	98.6	99.1	99.1	99.9	99.9	99.9	99.9
≥ 100	88.7	92.6	94.1	94.3	95.7	95.8	96.6	98.0	98.2	98.7	99.2	99.2	100.0	100.0	100.0	100.0
≥ 0	88.7	92.6	94.1	94.3	95.7	95.8	96.6	98.0	98.2	98.7	99.2	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5368

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING /FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 20000	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
≥ 18000	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 16000	45.8	45.9	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
≥ 14000	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 12000	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 10000	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥ 9000	58.6	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 8000	61.9	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 6000	68.5	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 5000	71.8	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 4500	74.4	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 4000	79.1	79.9	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 3500	81.9	82.9	83.2	83.3	83.4	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000	85.4	86.8	87.1	87.2	87.3	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	86.1	87.7	88.2	88.4	88.5	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2000	87.4	89.2	89.7	89.9	90.4	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	87.5	89.4	89.8	90.0	90.5	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1500	88.3	90.4	90.9	91.1	91.8	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	90.7	91.3	91.7	92.0	93.0	93.2	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	89.1	91.9	92.4	92.7	94.1	94.3	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	89.4	92.3	92.7	93.0	94.4	94.6	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	89.5	92.4	92.8	93.1	94.5	94.7	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	89.7	92.9	93.3	93.7	95.1	95.3	95.7	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	89.7	93.2	93.7	94.1	95.6	95.9	96.3	96.9	97.0	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 500	89.7	93.3	93.8	94.2	95.8	96.1	96.6	97.2	97.5	98.0	98.3	98.3	98.4	98.4	98.4	98.4
≥ 400	89.8	93.5	94.2	94.7	96.3	96.7	97.3	98.3	98.6	99.0	99.5	99.5	99.6	99.6	99.6	99.6
≥ 300	89.8	93.7	94.3	94.8	96.5	96.8	97.4	98.4	98.7	99.1	99.6	99.6	99.7	99.8	99.8	99.8
≥ 200	89.8	93.7	94.3	94.8	96.5	96.8	97.4	98.4	98.7	99.1	99.7	99.7	99.8	100.0	100.0	100.0
≥ 100	89.8	93.7	94.3	94.8	96.5	96.8	97.4	98.4	98.7	99.1	99.7	99.7	99.8	100.0	100.0	100.0
0	89.8	93.7	94.3	94.8	96.5	96.8	97.4	98.4	98.7	99.1	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24014 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000	56.2	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	56.5
≥ 18000	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 16000	57.5	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	57.7
≥ 14000	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 12000	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
≥ 10000	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 9000	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 8000	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 7000	77.3	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	77.5	77.5
≥ 6000	79.1	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 5000	81.3	81.8	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	83.1	83.8	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	85.7	86.5	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	87.2	88.1	88.2	88.2	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 3000	89.6	90.6	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2500	90.0	91.4	91.5	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	90.5	92.0	92.3	92.3	92.5	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	90.8	92.4	92.6	92.6	92.8	92.9	92.9	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	90.9	92.6	92.8	92.8	93.0	93.1	93.1	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1200	91.7	93.9	94.2	94.2	94.4	94.5	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	92.1	94.3	94.6	94.7	95.1	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	92.3	94.7	95.2	95.3	95.6	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	92.3	94.9	95.5	95.6	95.9	96.0	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	92.3	94.9	95.5	95.6	95.9	96.0	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	92.4	95.1	95.7	95.8	96.5	96.6	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	92.6	95.4	96.0	96.5	97.1	97.2	97.6	97.7	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.7
≥ 400	92.9	95.7	96.3	96.9	97.5	97.6	98.2	98.3	98.4	99.2	99.4	99.4	99.5	99.5	99.5	99.5
≥ 300	93.0	95.8	96.5	97.1	97.7	97.8	98.4	98.5	98.6	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200	93.0	95.8	96.5	97.1	97.7	97.8	98.4	98.5	98.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	93.0	95.8	96.5	97.1	97.7	97.8	98.4	98.6	98.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.0	95.8	96.5	97.1	97.7	97.8	98.4	98.6	98.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5369

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
≥ 20000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6
≥ 18000	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4
≥ 16000	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
≥ 14000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
≥ 12000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.7	64.8	64.8	64.8	64.8
≥ 10000	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1
≥ 9000	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.9	71.9	71.9	72.0	72.2	72.2	72.2	72.2
≥ 8000	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1
≥ 7000	78.0	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6
≥ 6000	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.9	79.9	79.9	79.9
≥ 5000	82.3	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.9	83.0	83.0	83.0	83.0
≥ 4500	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4
≥ 4000	85.6	85.9	86.0	86.2	86.2	86.2	86.5	86.5	86.6	86.6	86.6	86.7	86.8	86.8	86.8	86.8
≥ 3500	87.3	87.6	87.7	88.0	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.4	88.5	88.5	88.5	88.5
≥ 3000	89.4	89.7	89.8	90.0	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.4	90.5	90.5	90.5	90.5
≥ 2500	90.0	90.4	90.5	90.9	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.3	91.4	91.4	91.4	91.4
≥ 2000	91.3	91.6	91.7	92.0	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.5	92.6	92.6	92.6	92.6
≥ 1800	91.9	91.9	92.0	92.4	92.4	92.4	92.6	92.6	92.7	92.7	92.7	92.8	92.9	92.9	92.9	92.9
≥ 1500	91.2	92.2	92.3	92.6	92.6	92.7	92.9	92.9	93.0	93.0	93.0	93.1	93.2	93.2	93.2	93.2
≥ 1200	91.9	92.7	92.8	93.1	93.1	93.2	93.5	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9
≥ 1000	91.8	93.1	93.2	93.8	94.0	94.2	94.5	94.5	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8
≥ 900	91.9	93.2	93.3	93.9	94.2	94.4	94.7	94.7	94.8	94.8	94.8	94.9	95.1	95.1	95.1	95.1
≥ 800	92.0	93.4	93.5	94.1	94.4	94.6	94.9	95.3	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7
≥ 700	92.0	93.4	93.5	94.1	94.4	94.6	94.9	95.3	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7
≥ 600	92.4	93.9	94.0	94.5	94.8	95.1	95.5	95.8	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2
≥ 500	92.6	94.1	94.2	94.7	95.1	95.3	95.7	96.1	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7
≥ 400	93.0	94.6	94.7	95.4	95.8	96.0	96.5	97.0	97.1	97.5	97.5	97.6	97.7	97.7	97.7	97.7
≥ 300	93.1	94.7	95.1	95.7	96.3	96.6	97.4	98.0	98.1	98.7	98.7	98.8	98.9	98.9	98.9	98.9
≥ 200	93.1	94.7	95.1	95.7	96.6	96.8	97.6	98.2	98.3	98.9	99.0	99.1	99.4	99.6	99.6	99.6
≥ 100	93.1	94.7	95.1	95.7	96.8	97.0	97.8	98.4	98.5	99.1	99.2	99.4	99.6	99.8	99.9	99.9
0	93.1	94.7	95.1	95.7	96.8	97.0	97.8	98.4	98.5	99.1	99.2	99.4	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24-14	FAIRCHILD AFB WA	74-79	MAR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	46.4	46.7	46.7	46.7	46.8	46.8	46.8	46.9	46.9	47.0	47.0	47.0	47.1	47.1	47.3	47.3
≥ 20000	51.3	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.1	52.2	52.3
≥ 18000	51.9	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.8	52.9
≥ 16000	52.3	52.6	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.2	53.3
≥ 14000	54.4	54.7	54.7	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.2	55.3	55.4
≥ 12000	57.5	57.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.3	58.3	58.5	58.6
≥ 10000	62.3	62.6	62.7	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.1	63.1	63.2	63.4	63.4
≥ 9000	64.0	64.4	64.5	64.6	64.7	64.7	64.7	64.7	64.8	64.9	64.9	64.9	65.0	65.1	65.2	65.3
≥ 8000	67.3	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.4	68.5	68.7	68.7
≥ 7000	70.6	71.2	71.3	71.3	71.4	71.5	71.5	71.5	71.6	71.7	71.7	71.7	71.8	71.9	72.1	72.1
≥ 6000	72.2	72.9	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.5	73.5	73.5	73.6	73.7	73.8	73.9
≥ 5000	75.3	76.1	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.7	76.8	76.8	76.9	77.0	77.1	77.2
≥ 4500	76.7	77.5	77.7	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.3	78.4	78.6	78.6
≥ 4000	79.4	80.3	80.5	80.6	80.9	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.4	81.4	81.6	81.7
≥ 3500	80.9	81.9	82.1	82.3	82.5	82.6	82.6	82.7	82.7	82.9	82.9	82.9	83.1	83.1	83.3	83.3
≥ 3000	83.2	84.5	84.8	84.9	85.2	85.3	85.4	85.5	85.5	85.7	85.7	85.7	85.9	85.9	86.1	86.2
≥ 2500	83.9	85.4	85.7	85.9	86.3	86.4	86.5	86.6	86.6	86.8	86.8	86.9	87.0	87.1	87.3	87.3
≥ 2000	84.7	86.4	86.8	86.9	87.4	87.5	87.7	87.8	87.9	88.0	88.1	88.1	88.3	88.3	88.5	88.6
≥ 1800	84.9	86.7	87.1	87.2	87.7	87.8	88.0	88.1	88.2	88.4	88.4	88.5	88.6	88.7	88.9	88.9
≥ 1500	85.3	87.1	87.6	87.8	88.3	88.4	88.6	88.8	88.9	89.1	89.1	89.2	89.3	89.4	89.6	89.7
≥ 1200	85.8	88.0	88.5	88.7	89.3	89.4	89.7	89.9	90.0	90.2	90.2	90.3	90.4	90.5	90.7	90.8
≥ 1000	86.3	88.7	89.3	89.6	90.5	90.6	91.0	91.2	91.3	91.6	91.6	91.7	91.8	91.9	92.1	92.2
≥ 900	86.5	89.0	89.7	90.0	90.9	91.0	91.4	91.6	91.8	92.0	92.1	92.1	92.3	92.4	92.6	92.6
≥ 800	86.6	89.3	90.0	90.3	91.3	91.4	91.7	92.1	92.3	92.6	92.6	92.7	92.8	92.9	93.1	93.2
≥ 700	86.9	89.7	90.4	90.7	91.7	91.9	92.2	92.6	92.8	93.1	93.2	93.3	93.4	93.5	93.7	93.8
≥ 600	87.2	90.1	90.8	91.2	92.3	92.5	92.9	93.3	93.5	93.9	94.1	94.1	94.3	94.4	94.6	94.6
≥ 500	87.5	90.7	91.4	91.9	93.1	93.3	93.8	94.3	94.6	95.2	95.4	95.4	95.7	95.8	96.0	96.0
≥ 400	87.6	90.9	91.7	92.2	93.6	93.8	94.4	95.1	95.4	96.1	96.4	96.5	96.7	96.8	97.2	97.2
≥ 300	87.7	91.1	92.0	92.7	94.2	94.4	95.1	95.9	96.3	97.1	97.5	97.6	98.0	98.2	98.5	98.6
≥ 200	87.7	91.2	92.1	92.8	94.3	94.6	95.3	96.2	96.6	97.5	98.0	98.1	98.7	99.0	99.5	99.7
≥ 100	87.7	91.2	92.1	92.8	94.4	94.6	95.4	96.3	96.7	97.6	98.1	98.2	98.8	99.0	99.7	100.0
≥ 0	87.7	91.2	92.1	92.8	94.4	94.6	95.4	96.3	96.7	97.6	98.1	98.2	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5370

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94 14 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.3	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
≥ 20000	64.4	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9
≥ 18000	65.7	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1
≥ 16000	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.9	66.9
≥ 14000	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.7
≥ 12000	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.6	70.6
≥ 10000	74.3	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	75.0	75.0
≥ 9000	76.3	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.1	77.1
≥ 8000	78.9	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.6	79.6	79.7	79.7
≥ 7000	81.1	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9
≥ 6000	83.6	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.3	84.3
≥ 5000	86.4	86.7	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4
≥ 4500	87.1	87.3	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1	88.1
≥ 4000	89.6	90.0	90.2	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.8	90.8
≥ 3500	90.4	91.1	91.2	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.8	91.8
≥ 3000	91.6	92.1	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.9	92.9
≥ 2500	92.0	92.6	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.3	93.3
≥ 2000	92.6	93.1	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9
≥ 1800	92.9	93.4	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2
≥ 1500	93.1	93.9	94.2	94.4	94.4	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	94.9
≥ 1200	93.2	94.2	94.6	94.8	94.8	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2
≥ 1000	93.7	94.9	95.2	95.4	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.0
≥ 900	93.9	95.1	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.2	96.2
≥ 800	94.1	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3
≥ 700	94.3	95.7	96.0	96.2	96.3	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8
≥ 600	95.0	96.4	96.8	97.0	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.6	97.6
≥ 500	95.3	97.1	97.6	97.8	97.9	98.0	98.1	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7
≥ 400	95.3	97.1	97.7	97.9	98.0	98.2	98.3	98.3	98.4	98.7	98.9	98.9	99.0	99.0	99.1	99.1
≥ 300	95.3	97.2	97.8	98.0	98.1	98.3	98.4	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.6	99.6
≥ 200	95.3	97.3	97.9	98.1	98.3	98.6	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	100.0	100.0
≥ 100	95.3	97.3	97.9	98.1	98.3	98.6	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	100.0	100.0
≥ 0	95.3	97.3	97.9	98.1	98.3	98.6	98.8	99.0	99.1	99.3	99.6	99.6	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24:14 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	54.2	54.6	54.6	54.7	55.1	55.2	55.2	55.3	55.4	55.4	55.4	55.4	55.4	55.6	56.4	56.6
≥ 20000	58.8	59.3	59.3	59.4	59.7	59.8	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.3	61.1	61.3
≥ 18000	59.3	59.7	59.7	59.8	60.2	60.3	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.7	61.5	61.7
≥ 16000	60.6	61.1	61.1	61.2	61.5	61.6	61.6	61.7	61.8	61.8	61.8	61.8	61.8	62.1	62.8	63.1
≥ 14000	62.8	63.3	63.3	63.4	63.7	63.8	63.8	64.0	64.1	64.1	64.1	64.1	64.1	64.3	65.1	65.3
≥ 12000	65.6	66.1	66.1	66.2	66.5	66.6	66.6	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.9	68.1
≥ 10000	69.9	70.3	70.3	70.4	70.7	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.3	72.1	72.3
≥ 9000	71.5	72.2	72.2	72.3	72.6	72.7	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.2	74.0	74.2
≥ 8000	75.4	76.1	76.1	76.2	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	76.9	77.1	77.9	78.1
≥ 7000	77.9	78.5	78.5	78.6	79.0	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.5	80.3	80.5
≥ 6000	80.2	80.9	80.9	81.0	81.3	81.4	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.9	82.6	82.9
≥ 5000	83.3	84.1	84.1	84.2	84.5	84.6	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.9	86.1
≥ 4500	84.5	85.3	85.3	85.5	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.4	87.2	87.4
≥ 4000	86.3	87.7	87.7	87.9	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.8	89.5	89.8
≥ 3500	87.7	88.4	88.4	88.7	89.0	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.5	90.3	90.5
≥ 3000	84.3	89.8	89.8	90.0	90.3	90.4	90.4	90.5	90.7	90.7	90.7	90.7	90.7	90.9	91.7	91.9
≥ 2500	89.5	90.3	90.3	90.5	90.9	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.4	92.2	92.4
≥ 2000	89.8	90.7	90.7	90.9	91.3	91.4	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.9	92.7	92.9
≥ 1800	89.9	90.9	90.9	91.1	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.1	92.9	93.1
≥ 1500	90.3	91.2	91.3	91.5	92.0	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.5	93.3	93.5
≥ 1200	90.2	91.5	91.7	91.9	92.3	92.4	92.4	92.5	92.7	92.7	92.7	92.7	92.7	92.9	93.7	93.9
≥ 1000	90.5	91.9	92.0	92.2	92.7	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.2	94.0	94.2
≥ 900	90.8	92.1	92.2	92.4	92.9	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.4	94.2	94.4
≥ 800	91.1	92.5	92.7	92.9	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.9	94.7	94.9
≥ 700	91.3	92.9	93.2	93.4	94.0	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.5	95.3	95.6
≥ 600	91.7	93.7	94.1	94.4	95.2	95.3	95.3	95.4	95.6	95.6	95.6	95.8	95.6	95.8	96.6	96.8
≥ 500	92.3	94.4	94.9	95.2	96.0	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.6	97.3	97.6
≥ 400	92.9	95.3	95.8	96.1	96.9	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.6	98.3	98.6
≥ 300	92.9	95.7	96.1	96.4	97.2	97.3	97.6	97.7	97.8	97.9	98.0	98.0	98.0	98.2	99.0	99.2
≥ 200	92.9	95.7	96.1	96.4	97.2	97.3	97.8	97.9	98.1	98.2	98.3	98.3	98.4	98.8	99.6	99.9
≥ 100	92.9	95.7	96.1	96.4	97.2	97.3	97.8	97.9	98.1	98.2	98.3	98.3	98.4	98.8	99.6	100.0
≥ 0	92.9	95.7	96.1	96.4	97.2	97.3	97.8	97.9	98.1	98.2	98.3	98.3	98.4	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5371

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	49.1	49.5	49.7	49.8	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.3	50.3	50.9	51.8
≥ 20000	52.3	52.7	52.9	53.1	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.7	53.7	54.4	55.3
≥ 18000	53.5	53.9	54.2	54.3	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.9	54.9	55.6	56.5
≥ 16000	54.5	54.9	55.2	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	56.0	56.0	56.6	57.5
≥ 14000	56.5	57.3	57.2	57.3	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	58.0	58.0	58.6	59.5
≥ 12000	59.0	60.4	60.6	60.7	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.5	61.5	62.2	63.1
≥ 10000	64.8	65.3	65.5	65.6	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.4	66.4	67.1	68.1
≥ 9000	66.3	66.7	67.0	67.1	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.9	67.9	68.5	69.5
≥ 8000	69.5	70.0	70.2	70.3	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	71.1	71.1	71.7	72.7
≥ 7000	73.6	74.1	74.3	74.4	74.9	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.3	75.3	76.0	77.0
≥ 6000	75.3	75.8	76.0	76.1	76.5	76.5	76.5	76.6	76.8	76.8	76.8	76.8	77.0	77.0	77.6	78.6
≥ 5000	78.5	79.0	79.2	79.3	79.8	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.2	80.2	80.9	81.9
≥ 4500	79.9	80.4	80.8	80.9	81.3	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.8	81.8	82.4	83.4
≥ 4000	82.4	83.1	83.4	83.5	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.4	84.4	85.1	86.1
≥ 3500	83.0	83.6	84.2	84.3	84.8	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.2	85.2	85.9	86.9
> 3000	83.9	84.5	85.1	85.2	85.7	85.7	85.7	85.8	85.9	85.9	85.9	85.9	86.1	86.1	86.8	87.8
≥ 2500	84.9	85.5	86.1	86.2	86.7	86.7	86.7	86.8	86.9	87.0	87.0	87.0	87.2	87.2	87.9	88.9
≥ 2000	85.1	85.8	86.3	86.4	87.0	87.0	87.0	87.1	87.2	87.3	87.3	87.3	87.5	87.5	88.2	89.2
≥ 1800	85.2	86.0	86.5	86.7	87.2	87.2	87.2	87.3	87.4	87.5	87.5	87.5	87.8	87.8	88.4	89.4
≥ 1500	85.7	86.4	87.1	87.2	87.8	87.8	87.8	87.9	88.0	88.1	88.1	88.1	88.3	88.3	89.0	90.0
≥ 1200	86.1	87.2	88.0	88.1	88.7	88.7	88.7	88.8	88.9	89.0	89.0	89.0	89.2	89.2	89.9	90.9
≥ 1000	86.9	88.3	89.1	89.3	89.9	89.9	89.9	90.0	90.1	90.3	90.3	90.3	90.5	90.5	91.2	92.2
≥ 900	87.4	89.1	89.9	90.1	90.7	90.7	90.7	90.8	90.9	91.1	91.1	91.1	91.3	91.3	92.0	93.0
≥ 800	87.9	89.8	90.5	90.8	91.3	91.3	91.3	91.4	91.5	91.8	91.8	91.8	92.0	92.0	92.7	93.7
≥ 700	88.6	90.3	90.9	91.2	92.3	92.3	92.4	92.5	92.7	93.0	93.0	93.0	93.2	93.2	93.9	94.9
≥ 600	89.4	90.9	91.7	92.0	93.2	93.2	93.4	93.5	93.7	94.0	94.0	94.0	94.2	94.2	94.9	95.9
≥ 500	89.7	91.4	92.2	93.2	94.5	94.5	94.8	94.9	95.2	95.3	95.3	95.3	95.5	95.6	96.2	97.2
≥ 400	89.1	91.7	92.2	93.5	95.1	95.1	95.3	95.4	95.6	96.1	96.1	96.1	96.3	96.3	97.0	98.0
≥ 300	89.1	91.9	93.3	94.0	95.7	95.8	96.1	96.4	96.6	97.3	97.6	97.6	98.0	98.0	98.7	99.7
≥ 200	89.1	91.9	93.3	94.0	95.7	95.8	96.1	96.6	96.7	97.4	97.7	97.7	98.1	98.1	98.8	100.0
≥ 100	89.1	91.9	93.3	94.0	95.7	95.8	96.1	96.6	96.7	97.4	97.7	97.7	98.1	98.1	98.8	100.0
≥ 0	89.1	91.9	93.3	94.0	95.7	95.8	96.1	96.6	96.7	97.4	97.7	97.7	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 899

USAF ETAC FORM AUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[redacted] STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	49.6	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 20000	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 18000	55.9	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
≥ 16000	56.2	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 14000	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 12000	61.3	61.8	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
≥ 10000	66.7	67.2	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000	68.1	68.7	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 8000	72.0	72.6	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 7000	74.1	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 6000	75.8	76.3	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5000	77.6	78.2	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 4500	79.1	79.8	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 4000	81.9	82.6	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3500	83.3	84.1	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3000	87.0	87.8	88.2	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	88.1	89.0	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000	88.9	89.9	90.3	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	88.9	89.9	90.3	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1500	89.8	91.1	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	91.8
≥ 1200	90.9	92.4	93.0	93.0	93.1	93.1	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	92.4	94.6	95.2	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	92.7	94.8	95.4	95.8	96.0	96.0	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	92.8	95.0	95.8	96.2	96.6	96.6	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 700	92.9	95.2	96.0	96.4	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	93.2	95.8	96.6	97.1	97.6	97.6	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	93.2	96.2	97.2	98.1	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	93.4	96.9	97.9	98.8	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.4	96.9	97.9	98.8	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
< 300	93.4	96.9	97.9	98.8	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	93.4	96.9	97.9	98.8	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	93.4	96.9	97.9	98.8	99.3	99.3	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 200

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5372.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24.14 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
≥ 20000	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	45.8
≥ 18000	46.4	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
≥ 16000	47.4	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
≥ 14000	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 12000	50.7	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	50.8
≥ 10000	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 9000	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	54.7	54.7
≥ 8000	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 7000	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 6000	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 5000	67.8	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
≥ 4500	71.1	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
≥ 4000	79.2	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	79.8
≥ 3500	85.6	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	91.3	92.4	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
≥ 2500	92.4	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2000	93.4	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	94.9	94.9
≥ 1800	93.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	94.3	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	94.9	96.6	96.8	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
≥ 1000	95.1	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 900	95.2	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 800	95.6	98.1	98.3	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
≥ 700	95.7	98.2	98.4	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 600	96.0	98.6	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 500	96.1	98.8	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	96.3	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	96.3	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	96.3	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.3	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	96.3	99.1	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94314	FAIRCHILD AFB WA	73-79	APR
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	37.4	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	46.8	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 16000	49.3	49.6	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
≥ 14000	51.2	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 12000	54.7	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 10000	58.9	59.2	59.4	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	60.1	60.4	60.7	60.7	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 8000	63.4	63.8	64.0	64.0	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	68.0	68.3	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	70.9	71.2	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 5000	76.7	77.0	77.2	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 4500	80.6	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000	86.7	87.0	87.2	87.2	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	89.1	89.7	89.9	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 3000	93.4	94.0	94.2	94.2	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2500	94.7	95.3	95.6	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	95.1	95.8	96.0	96.0	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1800	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	95.7	96.3	96.5	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1200	96.0	96.8	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	96.1	97.1	97.3	97.4	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	96.1	97.1	97.3	97.4	97.9	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	96.2	97.2	97.4	97.6	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	96.3	97.6	97.8	97.9	98.3	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	96.3	97.9	98.1	98.3	98.8	98.8	98.8	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.4	98.1	98.3	98.6	99.1	99.1	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 400	96.4	98.1	98.3	98.6	99.1	99.1	99.2	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
≥ 300	96.4	98.1	98.3	98.6	99.1	99.1	99.2	99.4	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200	96.4	98.1	98.3	98.6	99.1	99.1	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.4	98.1	98.3	98.6	99.1	99.1	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
0	96.4	98.1	98.3	98.6	99.1	99.1	99.3	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5373

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24124 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 20000	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	61.1
≥ 18000	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	61.9
≥ 16000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 14000	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	63.6	63.6
≥ 12000	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	67.6	67.6
≥ 10000	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	71.4
≥ 9000	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 7000	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4000	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	92.7	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3000	94.6	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	94.8	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2000	95.2	95.9	95.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	95.2	95.9	96.0	96.0	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1500	95.3	96.1	96.2	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	95.7	96.4	96.6	96.6	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	95.8	96.6	96.7	96.7	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	95.8	96.6	96.7	96.7	97.1	97.4	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	95.9	96.8	96.9	97.0	97.4	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	96.0	96.9	97.0	97.1	97.6	97.9	98.0	98.0	98.0	98.1	98.2	98.1	98.1	98.1	98.1	98.1
≥ 600	96.7	97.6	97.7	97.8	98.2	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	96.8	97.9	98.1	98.3	99.1	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	96.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	96.9	98.0	98.2	98.4	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

04_14 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOUR LT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	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
≥ 20000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 18000	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	68.1
≥ 16000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 14000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 12000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 10000	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 9000	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	88.8	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 4500	91.6	91.2	91.2	91.2	91.3	91.3	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	92.8	93.4	93.4	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	93.8	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	94.2	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	94.7	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	95.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	95.1	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	95.1	96.3	96.3	96.3	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	95.4	96.8	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	95.7	97.2	97.3	97.3	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	95.8	97.3	97.4	97.4	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	95.8	97.4	97.6	97.6	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	95.8	97.4	97.6	97.6	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	96.0	97.8	97.9	97.9	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	96.0	97.9	98.4	98.4	98.8	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	96.2	98.2	98.8	98.8	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6
≥ 300	96.3	98.3	99.0	99.0	99.3	99.3	99.4	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 200	96.3	98.8	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	96.3	98.8	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
0	96.3	98.8	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

53174

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (MONTH)

ALL (HOURS LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	50.2	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.9	51.0
≥ 20000	56.5	56.7	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.3	57.4
≥ 18000	57.3	57.5	57.6	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.1	58.2
≥ 16000	58.2	58.4	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	59.0	59.1
≥ 14000	59.9	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.6	60.8
≥ 12000	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.8
≥ 10000	67.1	67.4	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0	68.2
≥ 9000	68.4	68.7	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.4	69.6
≥ 8000	71.8	72.1	72.2	72.2	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.7	72.9
≥ 7000	74.8	75.1	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.8	76.0
≥ 6000	77.1	77.4	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.3
≥ 5000	80.8	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.9	82.1
≥ 4500	82.6	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.8	84.0
≥ 4000	86.3	86.8	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.7
≥ 3500	88.2	88.8	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.6	89.8
≥ 3000	90.6	91.3	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.2	92.3
≥ 2500	91.4	92.2	92.4	92.5	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9	93.1	93.2
≥ 2000	91.9	92.7	92.9	93.0	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93 4	93.4	93.5	93.7	93.8
≥ 1800	92.1	92.9	93.1	93.2	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.9	94.0
≥ 1500	92.4	93.4	93.6	93.7	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.4	94.5
≥ 1200	92.8	94.0	94.3	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.2	95.3
≥ 1000	93.3	94.7	95.1	95.2	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	96.1	96.3
≥ 900	93.5	95.0	95.3	95.5	95.8	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.4	96.5
≥ 800	93.7	95.3	95.6	95.8	96.2	96.2	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.8	96.9
≥ 700	93.8	95.5	95.9	96.1	96.5	96.6	96.7	96.7	96.8	96.9	96.9	96.9	96.9	97.0	97.2	97.3
≥ 600	94.2	96.1	96.4	96.7	97.2	97.2	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.7	97.9	98.0
≥ 500	94.4	96.5	97.0	97.4	97.9	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.5	98.5	98.7	98.8
≥ 400	94.6	96.8	97.4	97.7	98.3	98.4	98.6	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.2	99.3
≥ 300	94.6	96.9	97.5	97.9	98.5	98.6	98.8	98.9	98.9	99.1	99.2	99.2	99.3	99.4	99.6	99.7
≥ 200	94.6	96.9	97.5	97.9	98.5	98.6	98.9	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.8	100.0
≥ 100	94.6	96.9	97.5	97.9	98.5	98.6	98.9	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.8	100.0
0	94.6	96.9	97.5	97.9	98.5	98.6	98.9	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	65.7	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	72.3	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	73.1	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000	74.0	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 12000	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 10000	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	82.8	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 7000	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 6000	91.3	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	93.3	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	96.8	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	97.0	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800	97.0	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	97.1	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	97.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	97.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	97.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.4	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	97.4	98.6	98.6	98.6	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	97.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	97.8	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.0	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	98.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
0	98.0	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5375

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.5	59.9	60.0	60.0	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.5	60.5
≥ 20000	64.7	65.2	65.3	65.3	65.4	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.8	65.9
≥ 18000	65.7	66.1	66.2	66.2	66.3	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.8	66.9
≥ 16000	66.7	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.7	67.8
≥ 14000	68.3	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.4	69.5
≥ 12000	71.1	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.2	72.3
≥ 10000	76.2	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.2	77.4	77.5
≥ 9000	78.0	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.1	79.2
≥ 8000	81.3	81.7	81.8	81.8	82.0	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.4	82.6	82.7
≥ 7000	84.8	85.3	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9	86.1	86.2
≥ 6000	86.3	86.8	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.6	87.7
≥ 5000	88.6	89.1	89.1	89.1	89.4	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.9	90.0
≥ 4500	89.7	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.9	91.1	91.2
≥ 4000	90.1	90.6	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.6	91.7
≥ 3500	90.9	91.6	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.3	92.5	92.6
≥ 3000	92.2	93.0	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.7	93.9	94.0
≥ 2500	93.0	94.2	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.8	95.1	95.2
≥ 2000	93.1	94.4	94.5	94.5	94.7	94.7	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.4	95.5
≥ 1800	93.1	94.4	94.5	94.5	94.7	94.7	94.7	94.9	94.9	95.1	95.1	95.1	95.1	95.2	95.4	95.5
≥ 1500	94.1	95.5	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.6	96.7
≥ 1200	94.5	96.3	96.5	96.5	96.8	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.4	97.5
≥ 1000	94.8	96.8	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.8	98.0
≥ 900	94.8	96.8	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.6	97.8	98.0
≥ 800	95.1	97.0	97.1	97.1	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.8	98.1	98.2
≥ 700	95.3	97.2	97.3	97.3	97.6	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.3	98.4
≥ 600	95.4	97.3	97.4	97.4	97.8	97.8	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.5	98.6
≥ 500	95.5	97.4	97.5	97.5	98.0	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.6	98.7
≥ 400	95.7	97.7	98.0	98.0	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.9	99.1	99.2
≥ 300	95.7	97.7	98.0	98.0	98.5	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.9	99.0	99.2	99.4
≥ 200	95.7	97.7	98.0	98.0	98.5	98.5	98.6	98.8	98.8	98.9	98.9	98.9	99.0	99.1	99.7	99.8
≥ 100	95.7	97.7	98.0	98.0	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.2	99.4	99.9	100.0
0	95.7	97.7	98.0	98.0	98.5	98.5	98.6	98.9	98.9	99.0	99.0	99.0	99.2	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	58.3	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	59.0
≥ 20000	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5
≥ 18000	64.3	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.2
≥ 16000	64.6	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.5
≥ 14000	66.3	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.7	66.8	66.8	66.9	66.9	66.9	67.0
≥ 12000	69.7	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.8
≥ 10000	74.7	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.9	75.9	75.9	76.0
≥ 9000	75.9	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	77.0	77.0	77.1	77.1	77.1	77.2
≥ 8000	79.2	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.6
≥ 7000	82.2	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.5
≥ 6000	83.8	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.9	84.9	85.1	85.1	85.1	85.2
≥ 5000	86.8	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.4
≥ 4500	86.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.7	87.7	87.8	87.8	87.8	88.0
≥ 4000	87.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1	89.1	89.2
≥ 3500	87.8	89.3	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.7
≥ 3000	88.9	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.9
≥ 2500	89.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.9
≥ 2000	89.2	91.4	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.2
≥ 1800	89.2	91.5	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.2	92.2	92.3	92.3	92.3	92.4
≥ 1500	89.5	91.9	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.5	92.6	92.6	92.7	92.7	92.7	92.8
≥ 1200	90.3	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2
≥ 1000	91.2	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.9	95.1	95.1	95.2	95.2	95.2	95.3
≥ 900	91.5	94.7	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.7
≥ 800	91.7	95.1	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 700	92.0	95.4	95.6	95.8	96.0	96.0	96.0	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6
≥ 600	92.4	95.7	96.0	96.2	96.6	96.6	96.6	96.7	96.7	96.8	97.0	97.0	97.1	97.1	97.1	97.2
≥ 500	92.4	96.0	96.3	96.6	97.0	97.0	97.0	97.1	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.6
≥ 400	92.5	96.3	96.7	96.9	97.3	97.3	97.4	97.6	97.6	97.7	98.0	98.1	98.2	98.2	98.2	98.3
≥ 300	92.5	96.5	96.8	97.0	97.5	97.7	98.0	98.3	98.3	98.5	98.8	98.9	99.0	99.0	99.1	99.5
≥ 200	92.5	96.5	96.8	97.0	97.5	97.7	98.2	98.5	98.5	98.7	99.1	99.2	99.5	99.5	99.6	100.0
≥ 100	92.5	96.5	96.8	97.0	97.5	97.7	98.2	98.5	98.5	98.7	99.1	99.2	99.5	99.5	99.6	100.0
0	92.5	96.5	96.8	97.0	97.5	97.7	98.2	98.5	98.5	98.7	99.1	99.2	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5376

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 20000	62.8	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	63.2	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
≥ 16000	63.7	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
≥ 14000	65.4	65.6	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
≥ 12000	68.0	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
≥ 10000	72.1	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 9000	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	74.9	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 7000	77.0	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	77.9	77.9
≥ 6000	78.0	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 5000	79.0	79.9	80.1	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 4500	80.1	81.2	81.4	81.4	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4000	82.7	84.0	84.2	84.2	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	85.6	87.3	87.2	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3000	88.4	90.0	90.2	90.2	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	90.1	91.9	92.1	92.1	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	90.7	92.6	92.8	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1800	91.3	92.8	93.0	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1500	92.0	93.9	94.2	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200	93.2	95.7	96.0	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1000	93.5	96.3	96.7	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	93.9	97.0	97.3	97.4	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	94.1	97.7	98.1	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	94.3	98.3	98.7	98.8	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.3	98.4	98.8	98.9	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.3	98.5	98.9	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.3	98.5	98.9	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.3	98.5	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	94.3	98.5	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	94.3	98.5	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.3	98.5	98.9	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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
≥ 20000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	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
≥ 16000	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
≥ 14000	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
≥ 12000	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
≥ 10000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 9000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 8000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 7000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 6000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 5000	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 4000	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 3500	89.5	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500	95.9	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	96.5	97.3	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	97.5
≥ 1800	96.5	97.3	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	97.5
≥ 1500	96.8	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	97.8
≥ 1200	97.5	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	98.8
≥ 1000	97.8	98.8	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	99.1
≥ 900	98.0	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AX 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5377

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	48.5	48.7	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 20000	59.7	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 18000	61.5	61.7	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	62.0
≥ 16000	62.7	62.9	63.0	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
≥ 14000	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 12000	64.5	64.8	65.0	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
≥ 10000	68.4	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 9000	70.9	71.1	71.3	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
≥ 8000	73.4	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	77.0	77.5	77.7	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
≥ 6000	79.1	79.5	79.7	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
≥ 5000	84.1	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	85.8	86.4	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	89.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500	91.6	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	94.6	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	95.4	96.3	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2000	96.1	97.3	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	96.4	97.6	98.1	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	96.6	98.1	98.5	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
≥ 1200	96.9	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	96.9	98.4	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	96.9	98.5	98.9	99.0	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.9	98.6	99.0	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.1	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.0	98.7	99.1	99.2	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.1	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.1	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	98.8	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	98.8	99.2	99.4	99.8	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 928

USAF ETAC FORM AWS 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.5	56.9	56.9	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	67.2	67.5	67.5	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 18000	68.1	68.3	68.3	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 16000	69.3	69.6	69.6	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	71.4	71.7	71.7	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 12000	73.5	73.8	73.8	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 10000	78.5	79.1	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000	79.5	80.0	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	82.7	83.3	83.3	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 7000	86.0	86.5	86.5	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	87.2	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 5000	90.5	91.0	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4500	91.7	92.2	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	93.1	93.5	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	94.1	94.7	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	95.1
≥ 3000	95.3	96.1	96.1	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	95.7	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	95.9	97.2	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
≥ 1800	96.0	97.3	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	96.1	97.4	97.5	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	96.2	97.9	97.7	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.9	98.3	98.4	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	96.9	98.3	98.5	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	96.9	98.6	98.7	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	96.9	98.7	98.8	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	96.9	99.0	99.1	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.1	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.1	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	99.2	99.4	99.6	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	99.2	99.4	99.6	99.7	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 927

USAF ETAC FORM AM 64 0-16-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5378

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	70.5	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	71.1	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	71.6	71.6
≥ 16000	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 12000	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000	82.8	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	83.4
≥ 8000	86.2	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	86.8
≥ 7000	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 6000	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2
≥ 5000	93.5	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 4500	94.5	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
≥ 4000	95.4	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 3500	96.1	97.0	97.1	97.1	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2
≥ 3000	96.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
≥ 2500	96.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 2000	96.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1800	96.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 1500	97.3	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1200	97.1	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 1000	97.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 900	97.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 800	97.3	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
≥ 700	97.3	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
≥ 600	97.6	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	97.6	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 400	97.6	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	97.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	97.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	97.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	97.6	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 926

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24234 (STATION) FAIRCHILD AFB WA (STATION NAME) 73-79 (YEARS) MAY (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	57.0	57.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
≥ 20000	64.3	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8
≥ 18000	65.2	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7
≥ 16000	65.9	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 14000	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
≥ 12000	69.7	70.0	70.1	70.1	70.1		70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3
≥ 10000	74.2	74.6	74.6	74.7	74.7		74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9
≥ 9000	75.9	76.3	76.3	76.3	76.4	7 .4	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.6
≥ 8000	78.8	79.2	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
≥ 7000	81.9	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7
≥ 6000	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
≥ 5000	86.3	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.3
≥ 4500	87.6	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 4000	89.6	90.3	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.8
≥ 3500	91.4	92.1	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6
≥ 3000	93.2	94.1	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
≥ 2500	94.1	95.2	95.4	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2000	94.4	95.7	95.9	95.9	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3
≥ 1800	94.5	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 1500	94.9	96.3	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
≥ 1200	95.4	97.0	97.2	97.3	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
≥ 1000	95.7	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 900	95.8	97.7	97.9	97.9	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 800	95.9	98.3	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
≥ 700	96.1	98.1	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
≥ 600	96.2	98.4	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 500	96.2	98.5	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 400	96.3	98.7	98.9	99.0	99.3	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
≥ 300	96.3	98.7	98.9	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	96.3	98.7	98.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	96.3	98.7	98.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	96.3	98.7	98.9	99.0	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7430

USAF ETAC FORM AA 64 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5379

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	71.3	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
≥ 20000	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 16000	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	81.2	81.4	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	81.7
≥ 10000	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 9000	87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 8000	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	92.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	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	94.0	94.0	94.0
≥ 5000	94.4	94.8	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
≥ 4500	95.1	95.4	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
≥ 4000	95.9	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3500	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	97.0	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.3	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.4	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.6	98.3	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
≥ 1000	97.6	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	97.6	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.6	98.7	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
≥ 700	97.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.1	99.3	99.4	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
≥ 500	98.1	99.3	99.4	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
≥ 400	98.1	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	98.1	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
≥ 200	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.1	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0320-0600 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	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	66.2
≥ 20000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1
≥ 18000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3
≥ 16000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.1
≥ 14000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.7
≥ 12000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8
≥ 10000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0
≥ 9000	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	84.2
≥ 8000	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.2
≥ 7000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3
≥ 6000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 5000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
≥ 4500	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.7
≥ 4000	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 3500	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 3000	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3
≥ 2500	94.9	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
≥ 2000	95.2	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1800	95.2	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0
≥ 1500	95.4	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2
≥ 1200	95.7	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4
≥ 1000	96.2	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 900	96.2	96.6	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1
≥ 800	96.6	97.0	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.7
≥ 700	97.2	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.4
≥ 600	97.3	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.6
≥ 500	97.4	98.1	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.9
≥ 400	97.6	98.3	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.4
≥ 300	97.6	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.9
≥ 200	97.6	98.6	99.0	99.1	99.3	99.3	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.9
≥ 100	97.6	98.6	99.0	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0
≥ 0	97.6	98.6	99.0	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

5380

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

DATA PROCESSING BRANCH
USAF ETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24,14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.8	62.8	63.0
≥ 20000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.6	67.6	67.8
≥ 18000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.9	67.9	68.1
≥ 16000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.6	68.6	68.8
≥ 14000	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.3
≥ 12000	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.0	75.0	75.2
≥ 10000	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3	80.3	80.6
≥ 9000	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.7	82.7	82.9
≥ 8000	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.6	85.6	85.8
≥ 7000	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.4
≥ 6000	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1	89.1	89.3
≥ 5000	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8	90.9	90.9	91.1
≥ 4500	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.6
≥ 4000	91.9	92.3	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9	93.1
≥ 3500	92.1	92.6	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.2	93.3	93.3	93.6
≥ 3000	92.3	92.8	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4	93.6	93.6	93.8
≥ 2500	92.4	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.6	93.7	93.7	93.9
≥ 2000	92.8	93.4	93.7	93.7	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.3	94.3	94.6
≥ 1800	92.8	93.6	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.4	94.6	94.6	94.8
≥ 1500	92.8	93.7	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.6	94.7	94.7	94.9
≥ 1200	93.7	94.6	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.6	95.6	95.8
≥ 1000	94.6	95.4	95.8	95.9	96.1	96.1	96.1	96.1	96.2	96.3	96.3	96.3	96.4	96.6	96.6	96.8
≥ 900	94.8	95.7	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.7	96.8	96.8	97.0
≥ 800	95.2	96.1	96.4	96.6	97.0	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.7
≥ 700	95.4	96.3	96.7	96.8	97.3	97.3	97.3	97.3	97.3	97.6	97.7	97.7	97.8	97.9	97.9	98.1
≥ 600	95.8	96.7	97.0	97.1	97.7	97.7	97.7	97.7	97.7	97.9	98.0	98.0	98.1	98.2	98.2	98.4
≥ 500	95.9	96.9	97.3	97.4	98.0	98.0	98.0	98.0	98.0	98.2	98.3	98.3	98.4	98.6	98.6	98.8
≥ 400	95.9	97.1	97.6	97.7	98.6	98.6	98.6	98.6	98.6	98.8	98.9	98.9	99.0	99.1	99.1	99.3
≥ 300	95.9	97.5	98.0	98.1	99.1	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.7	99.9
≥ 200	95.9	97.6	98.0	98.1	99.1	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.7	100.0
≥ 100	95.9	97.6	98.0	98.1	99.1	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.7	100.0
≥ 0	95.9	97.6	98.0	98.1	99.1	99.1	99.1	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 980

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	60.3	60.3
≥ 20000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 18000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 16000	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
≥ 14000	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 12000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 10000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 8000	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 7000	83.8	83.9	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 6000	85.7	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 5000	87.4	88.3	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	88.7	89.6	89.7	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4000	90.2	91.1	91.3	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.3	92.2	92.4	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3000	94.2	95.1	95.4	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2500	94.6	95.4	95.8	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	95.4	96.3	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1800	95.4	96.4	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1500	95.8	96.8	97.1	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	96.1	97.4	97.8	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.9	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900	96.9	98.3	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.1	98.7	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.1	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	99.9
≥ 300	97.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	98.9	99.4	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	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	56.2	56.2
≥ 20000	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	63.8
≥ 18000	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	63.9
≥ 16000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 14000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 12000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 10000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 9000	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	74.4
≥ 8000	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 7000	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 6000	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	83.8	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	86.9	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 4000	91.2	91.7	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 3500	93.8	94.2	94.3	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
≥ 3000	96.2	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	97.0	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	97.7	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	97.8	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	98.2	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.4	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.6	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.8	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.8	99.4	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	99.4	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	56.7	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	65.8	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
≥ 18000	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 16000	67.2	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 14000	69.7	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 12000	72.9	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 10000	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 9000	79.4	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000	82.1	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 7000	84.1	84.6	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	84.7
≥ 6000	85.7	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 5000	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 4500	90.4	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	94.6	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	95.8	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	96.8	97.6	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
≥ 2500	97.4	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	97.9	98.7	98.7	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
≥ 1800	98.2	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.7	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	98.8	99.6	99.7	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
≥ 1000	98.8	99.6	99.7	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
≥ 900	98.8	99.6	99.7	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
≥ 800	98.8	99.6	99.7	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
≥ 700	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.8	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.8	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

5382

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114	FAIRCHILD AFB WA	69-78	JUN
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 20000	70.8	70.8	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
≥ 18000	71.8	71.8	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	72.0
≥ 16000	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 14000	74.8	74.8	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
≥ 12000	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 10000	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	86.4	86.4	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	88.4	88.4	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	92.2	92.2	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 6000	93.8	93.9	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	95.2	95.3	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	95.8	95.9	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	97.1	97.2	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	97.9	98.0	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3000	98.1	98.3	98.7	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
≥ 2500	98.4	98.7	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	98.6	98.8	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1800	98.6	98.8	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.7	98.9	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	98.7	98.9	99.3	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	98.8	99.0	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.0	99.4	99.6	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	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.0	99.4	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 20000	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 18000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000	73.9	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
≥ 14000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	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	79.8
≥ 10000	84.4	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	84.8
≥ 9000	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 8000	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	96.2	96.4	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	96.7
≥ 4000	96.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3500	97.1	97.7	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
≥ 3000	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 2000	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.1	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	98.2	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.9	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	63.2
≥ 20000	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
≥ 18000	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
≥ 16000	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4
≥ 14000	72.3	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	72.5
≥ 12000	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
≥ 9000	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
≥ 8000	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7
≥ 7000	87.5	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
≥ 6000	89.2	89.4	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
≥ 5000	91.0	91.4	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
≥ 4500	92.1	92.5	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	92.9
≥ 4000	94.3	94.5	94.6	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	94.8	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 3000	95.8	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 2500	96.2	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	96.6	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8
≥ 1800	96.7	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1500	96.9	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1
≥ 1200	97.1	97.8	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	97.4	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 900	97.5	98.2	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
≥ 800	97.7	98.5	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
≥ 700	97.8	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
≥ 600	97.9	98.8	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 500	97.9	98.8	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 400	97.9	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 300	97.9	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	97.9	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	97.9	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	97.9	99.0	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.4	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 20000	81.8	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 18000	81.9	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	82.3	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	83.7	84.3	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 12000	87.2	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	92.3	92.6	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
≥ 9000	93.5	93.9	93.9	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
≥ 8000	95.6	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 7000	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
≥ 6000	97.7	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 5000	98.5	98.6	98.6	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
≥ 4500	98.4	99.3	99.3	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
≥ 4000	98.6	99.4	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
≥ 3500	98.7	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 3000	98.7	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.7	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.7	99.7	99.7	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
≥ 1800	98.7	99.7	99.7	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
≥ 1500	98.7	99.7	99.7	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
≥ 1200	98.7	99.7	99.7	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
≥ 1000	98.7	99.7	99.7	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
≥ 900	98.7	99.7	99.7	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
≥ 800	98.7	99.8	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	100.0
≥ 700	98.7	99.8	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	100.0
≥ 600	98.7	99.8	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	100.0
≥ 500	98.7	99.8	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	100.0
≥ 400	98.7	99.8	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	100.0
≥ 300	98.7	99.8	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	100.0
≥ 200	98.7	99.8	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	100.0
≥ 100	98.7	99.8	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	100.0
≥ 0	98.7	99.8	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	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5384

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.7	71.8	71.8	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.2	72.2	72.3	72.3	72.4	72.4
≥ 20000	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.0	76.1	76.1
≥ 18000	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.3	76.3
≥ 16000	76.3	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0
≥ 14000	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.8	78.8
≥ 12000	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.1	83.1
≥ 10000	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.6	88.6	88.7	88.7
≥ 9000	89.6	89.8	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.2	90.2	90.3	90.3
≥ 8000	91.9	92.2	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.6	92.6	92.7	92.7
≥ 7000	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.3	94.3	94.4	94.4
≥ 6000	94.7	94.9	94.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.5	95.5
≥ 5000	96.1	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1
≥ 4500	96.7	97.0	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.6	97.6
≥ 4000	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.2	98.2
≥ 3500	97.2	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.1	98.1	98.2	98.2
≥ 3000	97.4	97.7	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.5	98.5
≥ 2500	97.5	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.5	98.5	98.6	98.6
≥ 2000	97.5	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.7
≥ 1800	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 1500	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0
≥ 1200	97.7	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2
≥ 1000	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 900	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 800	97.8	98.6	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.5	99.5
≥ 700	98.0	98.7	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.6	99.6
≥ 600	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 500	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.8	99.8
≥ 400	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	99.9
≥ 300	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 200	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
≥ 100	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0
0	98.2	99.0	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9
≥ 20000	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2
≥ 16000	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.1	78.1	78.1
≥ 14000	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
≥ 12000	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6
≥ 9000	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	92.1	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 6000	95.0	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 5000	95.9	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	96.0	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	96.0	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	96.7	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	96.9	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	97.3	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	97.4	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	97.5	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	97.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	98.1	99.0	99.0	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9
≥ 200	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0
≥ 100	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0
≥ 0	98.1	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

5385C

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114	FAIRCHILD AFB WA	69-78	JUL
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	74.8	74.7	74.7	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
≥ 20000	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 18000	78.9	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	79.4	79.7	79.7	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
≥ 14000	81.2	81.4	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
≥ 12000	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 10000	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 9000	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 5000	95.3	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	95.3	95.5	95.5	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
≥ 4000	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.3	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	96.8	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	97.7	98.1	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
≥ 1800	97.8	98.2	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	98.4	98.7	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	98.8	99.1	99.1	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
≥ 1000	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.9	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.9	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.9	99.5	99.5	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 59-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.1	71.3	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
≥ 20000	78.3	78.5	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	78.6
≥ 18000	79.4	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	79.7	79.7
≥ 16000	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 14000	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	83.2	83.4	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	83.5
≥ 10000	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 9000	86.5	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 7000	90.6	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 5000	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4500	95.5	95.7	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	95.8
≥ 4000	96.5	96.7	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	96.8
≥ 3500	97.1	97.3	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
≥ 3000	97.5	98.0	98.5	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	98.3	98.7	98.7	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
≥ 2000	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	98.7	99.1	99.1	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
≥ 1500	98.7	99.1	99.1	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
≥ 1200	98.7	99.1	99.1	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
≥ 1000	98.8	99.2	99.2	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
≥ 900	98.9	99.4	99.4	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
≥ 800	98.9	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.0	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	99.9	99.9
≥ 600	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.1	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5386

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES: ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥7/16	≥¼	<¼
NO CEILING	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
≥ 20000	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 18000	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 16000	81.2	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	81.7
≥ 14000	82.2	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	88.5	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	89.1	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 7000	92.8	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 6000	94.4	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 4500	97.1	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
≥ 4000	98.1	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 3500	98.4	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
≥ 3000	98.5	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
≥ 2500	98.8	99.4	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
≥ 2000	98.8	99.4	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
≥ 1800	98.8	99.4	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
≥ 1500	98.8	99.4	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
≥ 1200	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.9	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	99.8
≥ 800	98.9	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	99.8
≥ 700	98.9	99.6	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
≥ 600	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.6	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	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 936.

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.6	75.9	76.1	76.0	76.0	76.0	76.0	76.0	76.1	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 20000	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	83.1	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	83.5	83.5
≥ 16000	84.1	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	85.5	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	85.9
≥ 12000	89.6	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	90.0
≥ 10000	92.6	92.9	93.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	93.4	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 8000	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	95.7
≥ 7000	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3500	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.4	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	99.1
≥ 2500	98.4	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	99.1
≥ 2000	98.6	99.2	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	99.5
≥ 1800	98.6	99.2	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	99.5
≥ 1500	98.6	99.2	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	99.5
≥ 1200	98.6	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	98.7	99.6	99.7	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
≥ 900	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5387

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 20000	82.8	83.3	83.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 18000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	84.6	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	84.8	84.8
≥ 14000	85.8	86.0	86.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000	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	88.6	88.6	88.6
≥ 10000	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 8000	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 7000	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	96.7	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	96.5	96.5
≥ 5000	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 3500	98.0	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	98.6	98.6
≥ 3000	98.5	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	99.2
≥ 2500	98.5	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	99.2
≥ 2000	98.7	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	99.5	99.5
≥ 1800	98.7	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	99.5	99.5
≥ 1500	98.7	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	99.5	99.5
≥ 1200	98.7	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	99.5	99.5
≥ 1000	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 20000	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 12000	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 10000	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
≥ 9000	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 8000	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 7000	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	95.2	95.5	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	95.7
≥ 5000	96.4	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4000	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3500	97.5	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2500	98.0	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 2000	98.2	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	98.2	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	98.4	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.5	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	98.5	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	98.6	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
≥ 700	98.6	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 600	98.7	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 300	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 200	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	98.7	99.5	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

5388

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0800-0200 (HOURS L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 20000	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	83.8	83.8	83.8
≥ 18000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 7000	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	95.7	95.7	95.7
≥ 6000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 5000	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	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	98.8	98.8	98.8
≥ 3500	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	98.8	98.8	98.8
≥ 3000	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	99.1	99.1	99.1
≥ 2500	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	99.1	99.1	99.1
≥ 2000	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	99.1	99.1	99.1
≥ 1800	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	99.1	99.1	99.1
≥ 1500	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	99.1	99.1	99.1
≥ 1200	99.4	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
≥ 1000	99.4	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
≥ 900	99.4	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
≥ 800	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.4	99.7	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (L S T))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 20000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3
≥ 16000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8
≥ 10000	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4
≥ 9000	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3
≥ 7000	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7
≥ 6000	94.5	94.6	94.6	94.6	94.6	94.7	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1
≥ 5000	95.7	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	96.1	96.2	96.2	96.2	96.2	96.3	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	96.9	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3500	97.0	97.2	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3000	97.2	97.4	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	97.3	97.5	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	97.4	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	97.4	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	97.4	97.8	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.6	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	98.0	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1
≥ 900	98.3	98.5	98.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1
≥ 800	98.0	98.5	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.4	99.4
≥ 700	98.0	98.5	98.6	98.6	98.6	98.7	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.4	99.4
≥ 600	98.1	98.6	98.7	98.7	98.7	98.8	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6
≥ 500	98.1	98.8	98.7	98.7	98.7	98.8	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6
≥ 400	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8
≥ 300	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	99.9
≥ 100	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	98.3	98.8	98.9	98.9	98.9	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5389

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	79.4	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 16000	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 14000	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	84.1	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	88.8	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	89.8	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	92.5	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	92.9	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 5000	93.5	94.3	94.(	94.(	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4500	94.(	94.4	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	94.5	95.4	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	94.5	95.5	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	94.6	95.7	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	94.8	95.8	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	94.7	96.0	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	94.7	96.0	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	95.2	96.6	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	95.7	97.1	97.2	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1000	96.(	97.6	97.7	97.8	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.(	97.6	97.8	98.(	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	96.2	97.8	98.1	98.2	98.9	98.9	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(
≥ 700	96.2	97.8	98.1	98.2	98.9	98.9	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(	99.(
≥ 600	96.2	98.(	98.2	98.3	99.(	99.(	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.2	98.1	98.4	98.6	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	96.2	98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.2	98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 200	96.2	98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 100	96.2	98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
≥ 0	96.2	98.1	98.4	98.6	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24614 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.4	75.8	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 20000	80.8	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 18000	81.1	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 16000	81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 14000	83.3	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
≥ 12000	84.9	85.5	85.7	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
≥ 10000	88.2	88.7	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	88.9	89.5	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	90.5	91.1	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7000	91.6	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	92.2	92.8	93.0	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
≥ 5000	92.3	92.9	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4500	92.5	93.1	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	93.1	93.8	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	93.1	93.8	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 3000	94.0	94.7	94.9	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
≥ 2500	94.4	95.2	95.4	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2000	94.8	95.7	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800	94.8	95.7	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1500	95.2	96.5	96.7	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
≥ 1200	95.6	97.0	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	95.9	97.5	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.0	97.6	98.2	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	96.1	97.7	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	96.1	97.8	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.1	97.8	98.4	98.8	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	96.1	97.8	98.4	98.8	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	96.1	98.0	98.5	98.9	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5390

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOL.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 20000	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 16000	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 14000	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 10000	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	86.0	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
≥ 8000	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 7000	87.6	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	90.4	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	94.3	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	94.6	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	95.5	95.5
≥ 3000	96.2	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	97.5	97.5
≥ 2500	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	97.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	97.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	97.5	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	99.5	99.5
≥ 1200	97.7	99.7	99.7	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
≥ 1000	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	81.4	81.6	81.7	81.7	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	81.9	82.2	82.3	82.3	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000	82.3	82.7	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 14000	82.9	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	88.2	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	89.2	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 7000	90.2	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	91.2	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	94.3	95.3	95.2	95.2	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	95.1	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	96.3	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	97.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	97.7	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 2500	97.3	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	98.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	98.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	98.3	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.4	99.5	99.8	99.8	99.9	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 929

USAF ETAC FORM AA 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5391

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	78.7	79.0	79.0	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 20000	83.5	84.0	84.0	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
≥ 18000	84.1	84.5	84.5	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	84.6	85.1	85.2	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	85.2	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	88.1	88.4	88.5	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
≥ 10000	90.3	90.8	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 9000	91.1	91.5	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 8000	92.6	93.0	93.1	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 7000	94.1	94.5	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 6000	95.5	95.9	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 5000	97.4	97.8	98.0	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
≥ 4500	97.5	98.1	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 4000	98.2	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 3500	98.3	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 3000	98.5	99.0	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2500	98.5	99.1	99.1	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1800	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1500	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.8	99.4	99.5	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

29114	FAIRCHILD AFB WA	69-78	AUG
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥½	≥5/16	≥¼	≥0
NO CEILING	80.8	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 20000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	84.7	84.8	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	88.2	88.3	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	93.0	93.1	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 7000	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 6000	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	97.5	97.6	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 4000	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 3500	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 3000	98.6	99.0	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2500	98.8	99.2	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 2000	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.0	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.3	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5392

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	77.3	77.2	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
≥ 20000	81.2	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 18000	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 14000	83.1	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 12000	85.6	85.8	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 10000	88.8	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	91.3	91.6	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000	92.6	93.0	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	93.5	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 5000	94.9	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 4500	95.3	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	96.2	96.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	96.5	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	97.3	97.7	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500	97.2	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	97.4	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	97.4	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	97.6	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	97.8	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	97.9	98.9	99.1	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.9	98.9	99.1	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	98.0	99.0	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	98.0	99.0	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	98.0	99.0	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.0	99.0	99.2	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
≥ 400	98.0	99.1	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	98.0	99.1	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	98.0	99.1	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	98.0	99.1	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	98.0	99.1	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

03114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	75.1	75.1	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	77.4	77.6	77.9	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	77.9	78.1	78.3	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 16000	78.1	78.2	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 12000	81.3	81.4	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	85.4	85.6	85.9	86.0	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	88.2	88.3	88.7	88.8	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 8000	90.9	91.0	91.3	91.4	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	92.2	92.3	92.7	92.8	92.8	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 6000	92.3	92.4	92.8	92.9	92.9	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	93.8	94.1	94.3	94.4	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	94.2	94.6	95.1	95.1	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	94.9	95.2	95.7	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3500	95.3	95.8	96.2	96.3	96.3	96.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 3000	95.7	96.1	96.6	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	96.0	96.4	96.9	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	96.1	96.6	97.0	97.2	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	96.1	96.7	97.1	97.3	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500	96.4	97.1	97.6	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	96.6	97.2	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1000	96.6	97.2	97.7	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	96.8	97.4	97.9	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 800	96.8	97.4	97.9	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700	96.9	97.6	98.0	98.2	98.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	97.6	98.2	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	97.6	98.2	98.7	98.9	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	97.8	98.4	98.9	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.8	98.4	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.8	98.4	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.8	98.4	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.8	98.4	98.9	99.3	99.7	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 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5393

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-73 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.4	67.7	68.1	68.5	68.4	68.4	68.8	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.2	69.2
≥ 20000	71.8	71.8	71.3	71.3	71.8	71.8	72.1	72.1	72.1	72.2	72.3	72.3	72.3	72.4	72.6	72.6
≥ 18000	70.9	71.1	71.4	71.4	71.9	71.9	72.2	72.2	72.2	72.3	72.4	72.4	72.4	72.5	72.7	72.7
≥ 16000	71.7	71.9	72.2	72.2	72.7	72.7	73.0	73.0	73.0	73.1	73.2	73.2	73.2	73.3	73.4	73.4
≥ 14000	73.2	73.4	73.8	73.8	74.2	74.2	74.6	74.6	74.6	74.7	74.8	74.8	74.8	74.9	75.0	75.0
≥ 12000	76.0	76.3	76.7	76.7	77.1	77.1	77.4	77.4	77.4	77.5	77.7	77.7	77.7	77.8	77.9	77.9
≥ 10000	79.9	80.2	80.6	80.6	81.0	81.0	81.3	81.3	81.3	81.4	81.6	81.6	81.6	81.7	81.8	81.8
≥ 9000	83.0	83.3	83.7	83.7	84.1	84.1	84.4	84.4	84.4	84.5	84.7	84.7	84.7	84.8	84.9	84.9
≥ 8000	86.0	86.3	86.7	86.7	87.1	87.1	87.4	87.4	87.4	87.7	87.8	87.8	87.8	87.9	88.1	88.1
≥ 7000	88.7	89.1	89.3	89.3	89.8	89.8	90.2	90.2	90.2	90.4	90.6	90.6	90.6	90.7	90.9	90.9
≥ 6000	89.7	90.1	90.3	90.3	90.8	90.8	91.2	91.2	91.2	91.4	91.6	91.6	91.6	91.7	91.9	91.9
≥ 5000	91.3	91.7	92.1	92.0	92.4	92.4	92.9	92.9	92.9	93.1	93.2	93.2	93.2	93.3	93.6	93.6
≥ 4500	91.9	92.3	92.7	92.7	93.1	93.1	93.6	93.6	93.6	93.8	93.9	93.9	93.9	94.0	94.2	94.2
≥ 4000	92.4	92.9	93.2	93.2	93.7	93.7	94.1	94.1	94.1	94.3	94.4	94.4	94.4	94.6	94.8	94.8
≥ 3500	92.7	93.1	93.4	93.4	93.9	93.9	94.3	94.3	94.3	94.6	94.7	94.7	94.7	94.8	95.0	95.0
≥ 3000	92.9	93.3	93.7	93.7	94.1	94.1	94.6	94.6	94.6	94.8	94.9	94.9	94.9	95.0	95.2	95.2
≥ 2500	93.7	94.1	94.4	94.4	94.9	94.9	95.3	95.3	95.3	95.6	95.7	95.7	95.7	95.8	96.0	96.0
≥ 2000	93.8	94.2	94.6	94.6	95.0	95.0	95.4	95.4	95.4	95.7	95.8	95.8	95.8	95.9	96.1	96.1
≥ 1800	93.9	94.3	94.7	94.7	95.1	95.1	95.6	95.6	95.6	95.8	95.9	95.9	95.9	96.0	96.2	96.2
≥ 1500	94.1	94.7	95.0	95.0	95.6	95.6	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.4	96.7	96.7
≥ 1200	94.3	94.9	95.2	95.2	95.8	95.8	96.2	96.2	96.2	96.4	96.6	96.6	96.6	96.7	96.9	96.9
≥ 1000	94.6	95.1	95.4	95.4	96.0	96.0	96.4	96.4	96.4	96.7	96.8	96.8	96.8	96.9	97.1	97.1
≥ 900	94.9	95.4	95.8	95.8	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.4	97.4
≥ 800	94.9	95.4	95.8	95.8	96.3	96.3	96.8	96.8	96.8	97.0	97.1	97.1	97.1	97.2	97.4	97.4
≥ 700	95.1	95.7	96.0	96.0	96.6	96.6	97.0	97.0	97.0	97.2	97.3	97.3	97.3	97.4	97.7	97.7
≥ 600	95.6	96.1	96.4	96.4	97.0	97.0	97.4	97.4	97.4	97.7	97.8	97.8	97.8	97.9	98.1	98.1
≥ 500	95.8	96.4	96.9	96.9	97.4	97.4	97.9	97.9	97.9	98.1	98.2	98.2	98.2	98.3	98.6	98.6
≥ 400	96.0	96.8	97.2	97.3	98.0	98.0	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.4	99.4
≥ 300	96.3	96.8	97.2	97.7	98.3	98.3	99.0	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.8	99.8
≥ 200	96.3	96.8	97.2	97.7	98.4	98.4	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.9	99.9
≥ 100	96.3	96.8	97.2	97.7	98.4	98.4	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.9	100.0
≥ 0	96.3	96.8	97.2	97.7	98.4	98.4	99.1	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2-14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	62.7	64.0	64.1	64.4	64.4	64.4	64.5	64.6	64.5	64.6	64.7	64.8	65.0	65.0	65.2	65.4
≥ 20000	66.3	68.3	68.4	68.7	68.9	68.9	69.0	69.2	69.2	69.2	69.3	69.4	69.5	69.5	69.7	70.1
≥ 18000	67.3	68.7	68.9	69.2	69.3	69.3	69.4	69.6	69.6	69.6	69.7	69.9	70.0	70.0	70.2	70.5
≥ 16000	67.4	68.9	69.0	69.3	69.4	69.4	69.5	69.7	69.7	69.7	69.9	70.0	70.1	70.1	70.3	70.6
≥ 14000	69.1	70.5	70.7	71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.7	71.9	72.0	72.0	72.2	72.5
≥ 12000	73.1	74.7	75.1	75.4	75.5	75.5	75.6	75.9	75.9	75.9	76.0	76.1	76.2	76.2	76.4	76.8
≥ 10000	75.6	78.4	78.8	79.1	79.2	79.2	79.4	79.6	79.6	79.6	79.8	79.9	80.0	80.0	80.2	80.5
≥ 9000	78.2	80.0	80.3	80.6	80.8	80.8	81.0	81.2	81.2	81.2	81.3	81.4	81.5	81.5	81.8	82.1
≥ 8000	81.6	83.6	84.0	84.3	84.4	84.4	84.6	85.0	85.0	85.0	85.1	85.2	85.3	85.3	85.5	85.9
≥ 7000	83.3	85.3	85.7	86.0	86.1	86.1	86.3	86.7	86.7	86.7	86.8	86.9	87.0	87.0	87.2	87.7
≥ 6000	84.4	86.4	86.8	87.3	87.5	87.5	87.8	88.1	88.1	88.1	88.2	88.3	88.4	88.4	88.7	89.1
≥ 5000	86.1	88.1	88.5	88.9	89.1	89.1	89.4	89.8	89.8	89.8	89.9	90.0	90.1	90.1	90.5	91.0
≥ 4500	86.4	88.4	88.8	89.3	89.5	89.5	89.9	90.2	90.2	90.2	90.3	90.4	90.5	90.5	91.0	91.4
≥ 4000	87.2	89.3	89.7	90.2	90.4	90.4	90.8	91.1	91.1	91.1	91.2	91.3	91.4	91.4	91.9	92.3
≥ 3500	87.8	89.9	90.2	90.6	91.0	91.0	91.3	91.7	91.7	91.7	91.8	91.9	92.0	92.0	92.4	92.9
≥ 3000	88.2	90.3	91.2	91.8	92.2	92.2	92.3	92.7	92.7	92.7	92.8	92.9	93.0	93.0	93.4	93.9
≥ 2500	89.0	91.4	92.1	92.5	92.8	92.8	93.1	93.4	93.4	93.4	93.5	93.7	93.8	93.8	94.2	94.7
≥ 2000	89.1	91.5	92.1	92.8	93.0	93.0	93.3	93.7	93.7	93.7	93.8	93.9	94.0	94.0	94.4	94.9
≥ 1800	89.1	91.5	92.1	92.8	93.0	93.0	93.3	93.7	93.7	93.7	93.8	93.9	94.0	94.0	94.4	94.9
≥ 1500	89.2	91.7	92.2	92.9	93.1	93.1	93.4	93.8	93.8	93.8	93.9	94.0	94.1	94.2	94.5	95.0
≥ 1200	92.1	92.5	93.1	93.6	94.0	94.0	94.3	94.7	94.7	94.7	94.8	94.9	95.0	95.0	95.4	95.9
≥ 1000	92.7	93.1	93.8	94.4	94.7	94.7	95.0	95.3	95.3	95.3	95.4	95.6	95.7	95.7	96.1	96.6
≥ 900	93.5	93.9	94.7	94.7	94.9	94.9	95.2	95.6	95.6	95.6	95.7	95.8	95.9	95.9	96.3	96.8
≥ 800	91.5	93.4	94.1	94.9	95.2	95.2	95.7	96.0	96.0	96.0	96.1	96.2	96.3	96.3	96.8	97.2
≥ 700	91.4	93.9	94.5	95.3	95.7	95.7	96.1	96.4	96.4	96.4	96.6	96.7	96.8	96.8	97.2	97.7
≥ 600	91.5	94.0	94.7	95.4	95.8	95.8	96.2	96.6	96.6	96.6	96.7	96.8	96.9	96.9	97.3	97.8
≥ 500	91.7	94.1	94.8	95.7	96.0	96.0	96.4	96.8	96.8	96.8	96.9	97.0	97.1	97.1	97.6	98.0
≥ 400	91.7	94.2	94.9	95.8	96.2	96.2	96.7	97.0	97.0	97.2	97.3	97.4	97.6	97.6	98.1	98.6
≥ 300	91.7	94.2	94.9	96.0	96.6	96.6	97.0	97.4	97.4	97.7	97.8	97.9	98.0	98.0	98.6	99.1
≥ 200	91.7	94.2	94.9	96.0	96.6	96.6	97.0	97.4	97.4	97.7	97.8	97.9	98.0	98.0	98.6	99.7
≥ 100	91.7	94.2	94.9	96.0	96.6	96.6	97.0	97.4	97.4	97.7	97.8	97.9	98.0	98.0	98.6	99.8
≥ 0	91.7	94.2	94.9	96.0	96.6	96.6	97.0	97.4	97.4	97.7	97.8	97.9	98.0	98.0	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

5394

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24014 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥ .	≥0
NO CEILING	64.4	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 20000	68.7	69.9	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 18000	68.8	70.1	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 16000	69.2	70.6	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	71.1
≥ 14000	70.9	72.4	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 12000	73.8	75.3	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	77.8	79.4	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	79.3	81.0	81.6	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000	82.6	84.4	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	85.6	87.4	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3
≥ 6000	86.4	88.3	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	87.2	89.2	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	87.3	89.4	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	88.1	90.3	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500	88.9	91.1	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	89.8	92.1	93.0	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	90.2	92.9	93.9	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2000	90.8	93.4	94.4	94.7	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 1800	90.9	93.6	94.6	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	91.3	94.2	95.2	95.4	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	92.2	95.2	96.2	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	92.7	95.7	96.7	96.9	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	92.7	95.8	96.9	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	92.8	96.0	97.2	97.4	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	93.0	96.2	97.6	97.8	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	93.2	96.4	97.8	98.2	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	93.2	96.4	97.8	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	93.2	96.4	97.8	98.2	99.0	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	93.2	96.4	97.8	98.2	99.1	99.1	99.2	99.4	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.2	96.6	97.9	98.3	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.2	96.6	97.9	98.3	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.2	96.6	97.9	98.3	99.2	99.2	99.3	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214	FAIRCHILD AFB WA	59-78	SEP
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	59.1	63.4	64.1	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 20000	63.4	65.2	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 18000	63.6	65.3	66.2	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥ 16000	63.7	65.4	66.3	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 14000	65.3	67.1	68.1	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 12000	68.1	70.0	70.9	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 10000	71.8	73.8	74.8	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	73.1	75.3	76.4	77.2	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 8000	75.1	77.4	78.6	79.3	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 7000	77.3	79.7	80.8	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 6000	78.2	80.6	81.7	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 5000	81.4	83.9	85.0	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	83.2	85.7	86.8	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	85.3	88.1	89.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 3500	87.1	89.9	91.1	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
≥ 3000	89.8	92.8	93.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	90.8	94.0	95.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	92.1	95.7	96.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	92.2	95.9	97.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	92.4	96.1	97.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	92.7	96.6	97.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	93.0	96.9	98.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.0	96.9	98.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	93.1	97.0	98.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	93.1	97.1	98.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.1	97.1	98.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	93.1	97.1	98.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	93.1	97.1	98.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	93.1	97.1	98.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.1	97.1	98.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.1	97.1	98.2	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.1	97.1	98.2	99.4	99.7	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 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5395

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	62.3	63.7	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
≥ 20000	68.9	70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000	69.1	70.8	71.3	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
≥ 16000	69.3	71.0	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 14000	71.0	72.8	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 12000	73.4	75.4	76.1	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
≥ 10000	79.0	81.0	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 9000	81.2	83.2	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.4	86.6	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	86.2	88.3	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 6000	87.6	89.7	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 5000	89.6	91.7	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	91.1	93.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	93.0	95.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	93.7	95.8	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
≥ 3000	94.6	97.0	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	94.7	97.1	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	95.0	97.4	98.3	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
≥ 1800	95.0	97.4	98.3	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
≥ 1500	95.1	97.6	98.4	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
≥ 1200	95.1	97.6	98.4	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
≥ 1000	95.4	97.9	98.8	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
≥ 900	95.4	97.9	98.8	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
≥ 800	95.6	98.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	95.6	98.1	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	95.6	98.0	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	95.6	98.0	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	95.6	98.0	98.9	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.6	98.0	99.2	99.7	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	95.6	98.0	99.2	99.7	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	95.6	98.0	99.2	99.7	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	95.6	98.0	99.2	99.7	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 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	68.8	69.4	69.6	69.9	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 20000	74.3	74.9	75.1	75.4	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	74.2	75.1	75.2	75.7	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	74.6	75.4	75.6	76.0	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 14000	75.3	76.2	76.3	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 12000	77.9	78.8	78.9	79.3	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	83.0	84.2	84.3	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 9000	85.3	86.7	86.8	87.2	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 8000	89.1	90.7	90.8	91.2	91.4	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 7000	90.8	92.3	92.4	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	91.8	93.3	93.4	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 5000	92.4	94.1	94.1	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 4500	93.3	95.1	95.1	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 4000	94.8	96.4	96.6	97.0	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	95.0	96.7	96.8	97.2	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 3000	95.3	97.2	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	95.3	97.2	97.3	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	95.4	97.3	97.4	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	95.4	97.3	97.4	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	95.7	97.6	97.7	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	95.7	97.6	97.7	98.1	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	95.9	97.8	97.9	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.9	97.8	97.9	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	96.1	98.1	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	96.0	98.1	98.2	98.7	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	96.1	98.3	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	96.1	98.3	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.1	98.3	98.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	96.1	98.3	98.8	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.1	98.3	98.8	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.1	98.3	98.8	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.1	98.3	98.8	99.2	99.7	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 900

5396

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	76.1	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 20000	79.6	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	80.4	80.4
≥ 18000	79.9	80.7	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	80.8
≥ 16000	80.3	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	80.9
≥ 14000	81.0	81.9	82.1	82.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 12000	82.2	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 10000	87.6	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	88.6	88.6
≥ 9000	89.6	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 8000	91.1	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	92.3	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	93.3	93.3
≥ 6000	92.6	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 5000	94.8	95.2	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
≥ 4500	94.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	96.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 3500	96.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	97.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	97.0	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 2000	97.0	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	98.6
≥ 1800	97.0	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	98.6
≥ 1500	97.0	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	98.6
≥ 1200	97.2	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	98.8
≥ 1000	97.3	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	98.9
≥ 900	97.3	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	98.9
≥ 800	97.4	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	99.1	99.1
≥ 700	97.6	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	97.6	99.3	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
≥ 500	97.6	99.3	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
≥ 400	97.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.7	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	97.7	99.5	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	99.4	99.7	99.7	99.7	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 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.0	67.8	68.1	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.7
≥ 20000	71.2	72.2	72.6	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2
≥ 18000	71.5	72.5	72.8	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
≥ 16000	71.7	72.8	73.1	73.3	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8
≥ 14000	73.2	74.3	74.7	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 12000	75.7	76.9	77.3	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0
≥ 10000	80.1	81.4	81.8	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.6
≥ 9000	82.2	83.5	84.1	84.2	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
≥ 8000	85.1	86.5	87.1	87.2	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.8
≥ 7000	87.1	88.5	88.9	89.2	89.3	89.3	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.7	89.7
≥ 6000	87.9	89.3	89.7	90.0	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6
≥ 5000	89.5	91.0	91.4	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.3	92.3
≥ 4500	90.3	91.8	92.3	92.6	92.8	92.8	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2
≥ 4000	91.5	93.1	93.6	93.9	94.1	94.1	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.5	94.5
≥ 3500	92.2	93.8	94.3	94.6	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.2	95.2
≥ 3000	92.9	94.7	95.2	95.6	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.2
≥ 2500	93.3	95.2	95.8	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.7	96.7
≥ 2000	93.7	95.6	96.2	96.5	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.1	97.2
≥ 1800	93.7	95.7	96.2	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2
≥ 1500	93.9	95.9	96.5	96.9	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5
≥ 1200	94.2	96.3	96.8	97.2	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.9
≥ 1000	94.5	96.6	97.1	97.5	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2
≥ 900	94.6	96.7	97.3	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
≥ 800	94.7	96.8	97.4	97.8	98.1	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	98.5
≥ 700	94.8	97.0	97.6	98.0	98.2	98.3	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
≥ 600	95.0	97.2	97.8	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.1
≥ 500	95.1	97.2	97.9	98.4	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.2	99.2	
≥ 400	95.1	97.3	98.0	98.5	98.9	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.5
≥ 300	95.1	97.3	98.1	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	95.1	97.4	98.1	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	99.9
≥ 100	95.1	97.4	98.1	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	100.0
≥ 0	95.1	97.4	98.1	98.7	99.1	99.2	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7199

5397

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24 14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	67.1	67.1	67.1	67.1	67.1	67.1	67.5	67.5	67.5	67.7	67.8	68.0	68.2	68.4	68.6	69.7
≥ 20000	68.6	68.6	68.6	68.7	68.7	68.7	69.1	69.1	69.1	69.4	69.6	69.7	69.9	70.1	70.3	71.4
≥ 18000	69.6	69.6	69.6	69.7	69.7	69.7	70.1	70.1	70.1	70.3	70.5	70.6	70.9	71.1	71.3	72.4
≥ 16000	69.9	69.9	69.9	70.0	70.0	70.0	70.4	70.4	70.4	70.6	70.9	71.0	71.2	71.4	71.6	72.7
≥ 14000	72.2	72.2	72.2	72.3	72.3	72.3	72.8	72.8	72.8	73.0	73.2	73.3	73.5	73.8	74.0	75.1
≥ 12000	74.1	74.1	74.1	74.2	74.2	74.3	74.8	74.8	74.8	75.1	75.3	75.4	75.6	75.8	76.0	77.2
≥ 10000	78.2	78.2	78.2	78.3	78.3	78.4	78.9	78.9	78.9	79.1	79.4	79.5	79.7	79.9	80.1	81.3
≥ 9000	80.2	80.2	80.2	80.3	80.3	80.4	81.0	81.0	81.0	81.2	81.4	81.5	81.7	81.9	82.2	83.3
≥ 8000	82.4	82.4	82.4	82.5	82.5	82.6	83.1	83.1	83.1	83.3	83.5	83.7	83.9	84.1	84.3	85.5
≥ 7000	83.5	83.5	83.5	83.7	83.7	83.8	84.3	84.3	84.3	84.5	84.7	84.8	85.1	85.3	85.5	86.7
≥ 6000	85.6	85.6	85.6	85.7	85.7	85.8	86.3	86.3	86.3	86.6	86.8	86.9	87.1	87.3	87.5	88.7
≥ 5000	87.4	87.6	87.7	87.8	88.3	88.1	88.6	88.6	88.6	88.8	89.0	89.1	89.4	89.6	89.8	91.0
≥ 4500	88.3	88.3	88.4	88.5	88.6	88.7	89.2	89.2	89.2	89.5	89.7	89.8	90.0	90.2	90.4	91.6
≥ 4000	88.9	89.2	89.4	89.5	89.6	89.7	90.2	90.2	90.2	90.4	90.6	90.8	91.0	91.2	91.4	92.6
≥ 3500	88.9	89.2	89.4	89.5	89.6	89.7	90.2	90.2	90.2	90.4	90.6	90.8	91.0	91.2	91.4	92.6
≥ 3000	89.5	90.0	90.2	90.3	90.4	90.5	91.1	91.1	91.1	91.3	91.5	91.6	91.8	92.0	92.3	93.4
≥ 2500	90.3	90.9	91.1	91.2	91.5	91.6	92.2	92.2	92.2	92.4	92.6	92.7	92.9	93.1	93.3	94.5
≥ 2000	90.4	91.0	91.2	91.3	91.6	91.7	92.3	92.3	92.3	92.5	92.7	92.8	93.0	93.2	93.4	94.6
≥ 1800	90.4	91.1	91.3	91.4	91.7	91.8	92.4	92.4	92.4	92.6	92.8	92.9	93.1	93.3	93.5	94.7
≥ 1500	90.6	91.4	91.6	91.9	92.5	92.6	93.1	93.1	93.1	93.3	93.5	93.7	93.9	94.1	94.3	95.5
≥ 1200	90.6	91.4	91.8	91.9	92.5	92.6	93.1	93.1	93.1	93.3	93.5	93.7	93.9	94.1	94.3	95.5
≥ 1000	90.9	91.7	92.2	92.3	93.0	93.1	93.7	93.8	93.8	94.0	94.2	94.3	94.6	94.8	95.1	96.2
≥ 900	91.1	91.8	92.3	92.4	93.1	93.2	93.8	93.9	93.9	94.1	94.3	94.4	94.7	94.9	95.2	96.5
≥ 800	91.2	92.1	92.5	92.6	93.3	93.4	94.0	94.1	94.1	94.3	94.5	94.6	94.9	95.2	95.4	96.7
≥ 700	91.6	92.5	92.9	93.1	93.8	93.9	94.4	94.5	94.5	94.7	94.9	95.1	95.4	95.6	95.8	97.1
≥ 600	91.6	92.6	93.0	93.1	93.9	94.0	94.5	94.6	94.6	94.8	95.1	95.2	95.5	95.7	96.0	97.4
≥ 500	91.6	93.1	93.5	93.7	94.6	94.7	95.3	95.4	95.4	95.6	95.8	95.9	96.2	96.5	96.8	98.2
≥ 400	91.6	93.4	93.9	94.1	95.3	95.4	95.9	96.0	96.0	96.3	96.6	96.7	97.0	97.2	97.5	98.9
≥ 300	91.6	93.5	94.1	94.3	95.5	95.6	96.1	96.2	96.2	96.6	96.8	96.9	97.2	97.6	98.0	99.4
≥ 200	91.6	93.5	94.1	94.3	95.5	95.6	96.1	96.2	96.2	96.6	96.9	97.0	97.3	97.7	98.4	99.9
≥ 100	91.6	93.5	94.1	94.3	95.5	95.6	96.1	96.2	96.2	96.6	96.9	97.0	97.4	97.8	98.5	100.0
≥ 0	91.6	93.5	94.1	94.3	95.5	95.6	96.1	96.2	96.2	96.6	96.9	97.0	97.4	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | OCT MON.

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	61.8	62.5	62.8	62.9	63.1	63.2	63.2	63.3	63.3	63.4	63.5	63.5	63.8	63.8	64.2	65.2
≥ 20000	65.5	66.1	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.1	67.2	67.2	67.4	67.4	68.0	68.9
≥ 18000	66.2	66.9	67.2	67.3	67.5	67.6	67.6	67.7	67.7	67.8	68.0	68.0	68.2	68.2	68.7	69.7
≥ 16000	66.3	67.5	67.8	68.0	68.2	68.3	68.3	68.4	68.4	68.5	68.6	68.6	68.8	68.8	69.4	70.3
≥ 14000	68.8	69.5	69.8	70.0	70.2	70.5	70.5	70.6	70.6	70.8	70.9	70.9	71.1	71.1	71.6	72.6
≥ 12000	70.1	70.8	71.1	71.3	71.5	71.8	71.8	71.9	71.9	72.0	72.2	72.2	72.4	72.4	72.9	74.0
≥ 10000	73.4	74.2	74.5	74.7	74.9	75.3	75.3	75.4	75.4	75.5	75.6	75.6	75.8	75.8	76.5	77.5
≥ 9000	76.1	76.9	77.2	77.4	77.6	78.0	78.0	78.1	78.1	78.2	78.3	78.3	78.5	78.5	79.1	80.2
≥ 8000	79.0	79.8	80.1	80.3	80.5	80.9	80.9	81.0	81.0	81.1	81.2	81.2	81.4	81.4	82.0	83.1
≥ 7000	80.4	81.2	81.5	81.7	81.9	82.3	82.3	82.5	82.5	82.7	82.8	82.8	83.0	83.0	83.7	84.7
≥ 6000	81.8	82.6	82.9	83.1	83.3	83.7	83.7	83.9	83.9	84.1	84.2	84.2	84.4	84.4	85.1	86.1
≥ 5000	83.3	84.2	84.5	84.7	84.9	85.3	85.3	85.5	85.5	85.7	85.8	85.8	86.0	86.0	86.7	87.7
≥ 4500	83.8	84.6	84.9	85.2	85.4	85.7	85.7	85.9	85.9	86.1	86.2	86.2	86.5	86.5	87.1	88.2
≥ 4000	85.3	86.2	86.6	86.8	87.0	87.3	87.3	87.5	87.5	87.7	87.8	87.8	88.1	88.1	88.7	89.8
≥ 3500	85.4	86.5	86.9	87.1	87.3	87.6	87.6	87.8	87.8	88.1	88.2	88.2	88.4	88.4	89.0	90.1
≥ 3000	85.8	87.0	87.5	87.7	88.1	88.4	88.5	88.8	88.8	89.0	89.1	89.1	89.4	89.4	90.0	91.1
≥ 2500	87.0	88.2	88.7	88.9	89.4	89.7	89.8	90.1	90.1	90.3	90.4	90.4	90.6	90.6	91.3	92.4
≥ 2000	87.1	88.5	89.0	89.2	89.7	90.0	90.1	90.4	90.4	90.6	90.8	90.8	91.0	91.0	91.6	92.7
≥ 1800	87.2	88.6	89.1	89.4	89.8	90.1	90.2	90.5	90.5	90.8	90.9	90.9	91.1	91.1	91.7	92.8
≥ 1500	87.5	89.2	89.8	90.0	90.4	90.8	91.1	91.4	91.4	91.6	91.7	91.7	91.9	91.9	92.6	93.7
≥ 1200	87.5	89.2	89.8	90.0	90.4	90.8	91.1	91.5	91.5	91.7	91.8	91.8	92.0	92.0	92.7	93.8
≥ 1000	87.7	89.6	90.1	90.3	90.9	91.2	91.5	91.9	91.9	92.2	92.4	92.4	92.8	92.8	93.4	94.5
≥ 900	87.8	89.7	90.2	90.4	91.0	91.3	91.6	92.0	92.0	92.3	92.5	92.5	92.9	92.9	93.5	94.8
≥ 800	88.2	90.2	91.0	91.2	91.8	92.2	92.5	92.9	92.9	93.1	93.3	93.3	93.8	93.8	94.7	96.0
≥ 700	88.3	90.3	91.1	91.3	91.9	92.3	92.6	93.0	93.0	93.2	93.4	93.4	93.9	93.9	94.8	96.1
≥ 600	88.6	90.8	91.5	91.7	92.4	92.7	93.0	93.4	93.4	93.7	93.9	93.9	94.3	94.3	95.3	96.6
≥ 500	88.6	90.9	91.7	91.9	92.6	92.9	93.2	93.7	93.7	93.9	94.1	94.1	94.5	94.5	95.5	96.8
≥ 400	88.6	90.9	91.9	92.2	93.0	93.3	94.1	94.5	94.6	94.9	95.2	95.2	95.7	95.7	96.7	98.0
≥ 300	88.6	90.9	92.2	92.5	93.3	93.7	94.4	94.8	94.9	95.3	95.5	95.5	96.0	96.3	97.3	98.6
≥ 200	88.6	90.9	92.2	92.5	93.3	93.7	94.4	94.8	94.9	95.3	95.5	95.5	96.0	96.3	97.5	98.8
≥ 100	88.6	90.9	92.2	92.5	93.3	93.7	94.4	94.8	94.9	95.3	95.5	95.5	96.0	96.3	97.5	99.8
≥ 0	88.6	90.9	92.2	92.5	93.3	93.7	94.4	94.8	94.9	95.3	95.5	95.5	96.0	96.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5398

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	52.4	52.9	53.5	53.9	54.1	54.1	54.3	54.5	54.5	54.6	55.1	55.1	55.3	55.4	55.9	56.6
≥ 20000	53.3	55.7	56.3	56.8	57.0	57.1	57.3	57.5	57.5	57.6	58.1	58.2	58.4	58.6	59.1	59.9
≥ 18000	54.5	57.3	58.1	58.4	58.6	58.7	58.9	59.1	59.1	59.2	59.7	59.8	60.0	60.2	60.8	61.5
≥ 16000	54.8	57.6	58.3	58.7	58.9	59.0	59.2	59.5	59.5	59.6	60.0	60.1	60.3	60.5	61.1	61.8
≥ 14000	56.6	59.4	60.1	60.4	60.6	60.8	61.0	61.4	61.4	61.5	62.2	62.3	62.5	62.7	63.3	64.1
≥ 12000	59.9	62.8	63.5	64.1	64.2	64.3	64.5	64.9	64.9	65.1	65.7	65.8	66.0	66.2	66.9	67.6
≥ 10000	65.3	68.4	69.1	69.6	69.8	70.0	70.2	70.8	70.8	71.0	71.7	71.8	72.2	72.4	73.1	73.9
≥ 9000	66.6	69.7	70.4	70.9	71.1	71.3	71.5	72.1	72.0	72.3	73.0	73.1	73.5	73.8	74.5	75.3
≥ 8000	69.1	72.5	73.4	73.9	74.1	74.3	74.5	75.1	75.1	75.3	76.0	76.1	76.6	76.8	77.5	78.3
≥ 700	72.2	75.6	76.6	77.0	77.2	77.4	77.6	78.3	78.3	78.5	79.2	79.4	79.8	80.0	80.8	81.5
≥ 6000	74.3	77.8	78.6	79.0	79.2	79.5	79.7	80.3	80.3	80.5	81.3	81.4	81.8	82.0	82.8	83.5
≥ 5000	75.9	79.5	80.5	81.0	81.3	81.5	81.7	82.5	82.5	82.7	83.4	83.5	84.0	84.2	84.9	85.7
≥ 4500	76.3	80.0	81.1	81.5	81.8	82.0	82.3	83.0	83.0	83.2	84.0	84.1	84.5	84.7	85.5	86.2
≥ 4000	77.6	81.7	82.9	83.4	83.9	84.1	84.3	85.1	85.1	85.3	86.0	86.1	86.6	86.8	87.5	88.3
≥ 3500	78.1	82.2	83.3	83.9	84.3	84.5	84.7	85.5	85.5	85.7	86.5	86.6	87.0	87.2	88.0	88.7
≥ 3000	78.5	82.6	83.8	84.4	84.9	85.2	85.5	86.2	86.2	86.5	87.2	87.3	87.7	88.0	88.7	89.5
≥ 2500	78.8	82.9	84.1	84.7	85.3	85.5	85.8	86.6	86.6	86.8	87.5	87.6	88.1	88.3	89.0	89.8
≥ 2000	79.0	83.1	84.3	84.9	85.6	85.8	86.1	86.9	86.9	87.1	87.8	88.0	88.4	88.6	89.4	90.1
≥ 1800	79.1	83.2	84.4	85.1	85.7	85.9	86.2	87.0	87.0	87.2	88.0	88.1	88.5	88.7	89.5	90.2
≥ 1500	79.1	83.3	84.5	85.2	85.8	86.0	86.3	87.1	87.1	87.3	88.1	88.2	88.6	88.8	89.6	90.3
≥ 1200	79.2	83.5	84.7	85.5	86.1	86.3	86.7	87.4	87.4	87.6	88.4	88.5	88.9	89.1	89.9	90.6
≥ 1000	79.6	84.3	85.6	86.5	87.3	87.5	88.0	88.7	88.8	89.0	89.8	89.9	90.3	90.5	91.3	92.0
≥ 900	79.8	84.5	85.8	86.7	87.6	87.8	88.3	89.0	89.1	89.4	90.2	90.3	90.8	91.0	91.7	92.5
≥ 800	80.0	84.7	86.0	86.9	88.0	88.2	88.6	89.4	89.5	89.7	90.6	90.8	91.2	91.4	92.3	93.1
≥ 700	80.0	84.7	86.0	86.9	88.0	88.2	88.6	89.4	89.5	89.7	90.6	90.8	91.2	91.4	92.3	93.1
≥ 600	80.6	85.4	86.9	87.7	88.9	89.1	89.6	90.3	90.4	90.6	91.7	91.8	92.3	92.5	93.4	94.3
≥ 500	80.8	85.5	87.0	87.8	89.0	89.2	89.7	90.4	90.5	90.8	91.9	92.0	92.5	92.7	93.7	94.8
≥ 400	80.9	85.7	87.3	88.3	89.6	89.8	90.3	91.1	91.2	91.6	93.0	93.1	93.5	93.8	94.8	96.3
≥ 300	81.1	86.0	87.8	88.7	90.0	90.2	90.8	91.5	91.6	92.0	93.4	93.7	94.1	94.5	95.5	97.8
≥ 200	81.1	86.0	87.6	88.8	90.1	90.3	90.9	91.6	91.7	92.2	93.5	93.8	94.3	94.8	96.3	99.4
≥ 100	81.1	86.0	87.6	88.8	90.1	90.3	90.9	91.6	91.7	92.2	93.5	93.8	94.3	94.8	96.3	100.0
0	81.1	86.0	87.6	88.8	90.1	90.3	90.9	91.6	91.7	92.2	93.5	93.8	94.3	94.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AUG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

94214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	51.2	56.5	56.8	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3
≥ 20000	55.4	60.9	61.2	61.4	61.5	61.6	61.6	61.7	61.7	61.8	61.9	61.9	62.0	62.0	62.2	62.2
≥ 18000	56.2	61.7	62.0	62.3	62.4	62.5	62.5	62.6	62.6	62.7	62.8	62.8	62.9	62.9	63.0	63.0
≥ 16000	56.7	62.2	62.5	62.7	62.8	62.9	62.9	63.0	63.0	63.1	63.2	63.2	63.3	63.3	63.4	63.4
≥ 14000	59.1	64.6	64.9	65.2	65.3	65.4	65.4	65.5	65.5	65.6	65.7	65.7	65.8	65.8	66.0	66.0
≥ 12000	62.6	68.2	68.6	68.9	69.0	69.1	69.1	69.5	69.6	69.7	69.8	69.8	69.9	69.9	70.1	70.1
≥ 10000	66.9	72.6	73.1	73.4	73.7	73.9	73.9	74.2	74.3	74.4	74.5	74.5	74.6	74.6	74.8	74.8
≥ 9000	68.4	74.1	74.5	74.9	75.2	75.4	75.4	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.3	76.3
≥ 8000	70.6	76.5	76.9	77.4	77.6	77.8	77.8	78.2	78.3	78.4	78.5	78.5	78.6	78.6	78.8	78.8
≥ 7000	73.0	78.8	79.2	79.8	80.0	80.2	80.2	80.5	80.6	80.8	80.9	80.9	81.0	81.0	81.2	81.2
≥ 6000	74.9	81.0	81.4	81.9	82.2	82.4	82.4	82.7	82.8	82.9	83.0	83.0	83.1	83.1	83.3	83.3
≥ 5000	77.0	83.4	83.9	84.4	84.6	84.8	84.8	85.2	85.3	85.4	85.5	85.5	85.6	85.6	85.8	85.8
≥ 4500	77.1	83.7	84.1	84.6	84.8	85.1	85.1	85.4	85.5	85.6	85.7	85.7	85.8	85.8	86.0	86.0
≥ 4000	77.8	84.6	85.1	85.6	85.8	86.1	86.1	86.5	86.7	86.8	86.9	86.9	87.0	87.0	87.2	87.2
≥ 3500	78.1	84.8	85.3	85.9	86.1	86.5	86.5	86.8	87.0	87.1	87.2	87.2	87.3	87.3	87.5	87.5
≥ 3000	79.1	86.2	86.7	87.3	87.5	87.8	88.0	88.3	88.5	88.6	88.7	88.7	88.8	88.8	89.0	89.0
≥ 2500	79.6	86.8	87.2	87.8	88.1	88.4	88.5	88.8	89.0	89.1	89.2	89.2	89.4	89.4	89.6	89.6
≥ 2000	80.1	87.4	87.8	88.5	88.7	89.0	89.1	89.5	89.7	89.8	89.9	89.9	90.0	90.0	90.2	90.2
≥ 1800	80.3	87.6	88.1	88.7	88.9	89.2	89.4	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.4	90.4
≥ 1500	80.5	88.0	88.4	89.0	89.4	89.7	89.8	90.1	90.3	90.5	90.6	90.6	90.8	90.8	91.0	91.0
≥ 1200	81.0	88.6	89.0	89.7	90.0	90.3	90.4	90.8	91.0	91.2	91.3	91.3	91.4	91.4	91.6	91.6
≥ 1000	81.6	89.9	90.3	91.1	91.4	91.7	91.8	92.3	92.5	92.7	92.8	92.8	92.9	92.9	93.1	93.1
≥ 900	81.7	90.1	90.6	91.4	91.7	92.2	92.3	92.7	92.9	93.2	93.3	93.3	93.4	93.4	93.7	93.7
≥ 800	82.3	90.9	91.4	92.2	92.7	93.1	93.3	93.8	94.0	94.4	94.5	94.5	94.6	94.6	94.8	94.8
≥ 700	82.5	91.1	91.6	92.4	92.9	93.3	93.5	94.0	94.2	94.7	94.8	94.8	94.9	94.9	95.2	95.2
≥ 600	82.5	91.2	91.8	92.6	93.3	93.8	94.0	94.4	94.7	95.3	95.5	95.5	95.6	95.6	95.9	95.9
≥ 500	82.6	91.7	92.5	93.2	94.2	94.6	95.1	95.5	95.8	96.3	96.8	96.8	96.9	96.9	97.3	97.3
≥ 400	82.6	91.8	92.6	93.4	94.6	95.1	95.6	96.0	96.3	96.9	97.3	97.3	97.4	97.4	98.1	98.1
≥ 300	82.6	91.8	92.6	93.5	95.1	95.5	96.0	96.5	96.8	97.4	98.1	98.1	98.3	98.3	98.9	98.9
≥ 200	82.6	91.8	92.6	93.5	95.1	95.5	96.0	96.5	96.8	97.4	98.1	98.1	98.4	98.4	99.2	99.7
≥ 100	82.6	91.8	92.6	93.5	95.1	95.5	96.0	96.5	96.8	97.4	98.1	98.1	98.4	98.4	99.2	100.0
0	82.6	91.8	92.6	93.5	95.1	95.5	96.0	96.5	96.8	97.4	98.1	98.1	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5399

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	53.8	56.5	56.8	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
≥ 20000	58.6	61.3	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
≥ 18000	59.9	62.6	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 16000	60.4	63.1	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 14000	63.9	56.7	67.1	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
≥ 12000	68.1	71.2	71.6	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
≥ 10000	71.0	74.2	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 9000	72.7	75.9	76.3	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
≥ 8000	76.1	79.5	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 7000	78.7	82.3	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 6000	81.4	84.2	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 5000	82.4	86.5	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	82.5	86.6	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4000	83.9	88.3	88.4	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	84.3	88.4	88.8	89.2	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 3000	86.5	90.9	91.3	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500	87.4	91.8	92.3	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2000	87.4	91.8	92.3	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	87.7	92.2	92.6	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1500	88.3	92.9	93.4	94.0	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1200	89.3	94.1	94.6	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	89.7	94.9	95.5	96.2	96.8	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 900	89.8	95.2	95.7	96.5	97.1	97.1	97.1	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 800	89.8	95.6	96.1	96.9	97.5	97.5	97.5	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 700	89.8	95.6	96.1	96.9	97.5	97.5	97.5	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 600	89.8	95.8	96.3	97.2	98.0	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	89.8	95.9	96.6	97.5	98.5	98.5	98.6	98.9	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4
≥ 400	89.8	96.0	96.7	97.7	98.7	98.7	98.8	99.1	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9
≥ 300	89.8	96.0	96.7	97.7	98.7	98.7	98.8	99.1	99.2	99.4	99.7	99.8	99.9	99.9	99.9	99.9
≥ 200	89.8	96.0	96.7	97.7	98.7	98.7	98.8	99.1	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	89.8	96.0	96.7	97.7	98.7	98.7	98.8	99.1	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	89.8	96.0	96.7	97.7	98.7	98.7	98.8	99.1	99.2	99.5	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

3[illegible]4 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	54.4	56.[illegible]	56.[illegible]	56.3	56.2	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 20000	62.9	62.5	62.5	62.6	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 18000	63.6	63.2	63.2	63.3	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 16000	64.2	64.2	64.2	64.3	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000	65.3	65.9	65.9	66.[illegible]	66.1	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	70.4	72.2	72.2	72.3	72.4	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 10000	72.8	74.5	74.5	74.6	74.7	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000	74.5	76.5	76.5	76.6	76.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 8000	78.2	80.2	80.2	80.3	80.4	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 7000	81.7	83.9	84.0	84.1	84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 6000	84.1	86.2	86.3	86.5	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	86.9	89.2	89.4	89.5	89.6	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 4500	87.[illegible]	89.5	89.6	89.7	89.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	89.4	91.8	92.[illegible]	92.2	92.3	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 3500	90.3	92.8	93.[illegible]	93.1	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	92.5	95.2	95.4	95.6	95.7	95.9	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.5	96.6
≥ 2500	93.3	96.0	96.2	96.5	96.6	96.8	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	93.7	96.3	96.6	96.8	96.9	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	93.7	96.3	96.6	96.8	96.9	97.1	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	93.7	96.6	96.8	97.0	97.1	97.3	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	93.8	96.7	96.9	97.1	97.2	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	94.3	97.4	97.6	97.8	98.0	98.2	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	94.4	97.5	97.7	98.1	98.2	98.4	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	94.5	97.9	97.8	98.2	98.3	98.6	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.8	98.0	98.2	98.5	98.6	98.9	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.9	98.1	98.3	98.6	98.7	99.0	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5400

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] 14 | FAIRCHILD AFB WA | 69-78 | OCT
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 HOURS LST

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	59.1	60.0	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 20000	64.7	65.6	65.7	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 18000	64.8	65.7	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 16000	65.3	66.1	66.2	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 14000	68.4	69.2	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000	74.1	74.9	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 10000	77.8	78.8	78.9	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 9000	79.5	80.4	80.5	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 8000	81.9	82.9	83.0	83.2	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 7000	84.9	85.9	86.1	86.3	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	87.1	88.1	88.3	88.5	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	89.1	90.2	90.4	90.6	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	91.1	91.2	91.4	91.6	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4000	91.4	92.6	92.8	93.1	93.3	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3500	91.8	93.1	93.3	93.7	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	93.4	95.1	95.3	95.6	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500	93.4	95.2	95.4	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	93.7	95.5	95.7	96.0	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1800	93.8	95.6	95.9	96.2	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	94.3	96.1	96.5	96.8	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1200	94.3	96.2	96.6	97.0	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	94.3	96.2	96.6	97.0	97.2	97.4	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 900	94.4	96.3	96.7	97.1	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	94.4	96.3	96.7	97.1	97.3	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	94.5	96.6	96.9	97.3	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	94.6	96.7	97.0	97.4	97.6	97.8	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	94.6	97.1	97.4	97.8	98.1	98.3	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	94.6	97.2	97.5	98.0	98.2	98.4	98.8	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.6	97.2	97.5	98.0	98.2	98.4	98.8	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	94.6	97.2	97.5	98.1	98.3	98.5	98.9	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	94.6	97.2	97.5	98.1	98.3	98.5	98.9	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	94.6	97.2	97.5	98.1	98.3	98.5	98.9	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AG 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114	FAIRCHILD AFB WA	69-73	OCT
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS LST

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	62.9	63.7	64.1	64.1	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.6	64.9	64.9	65.1	65.4
≥ 20000	66.9	67.6	68.1	68.1	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.9	68.9	69.0	69.5
≥ 18000	67.3	68.1	68.4	68.5	68.7	68.7	68.8	68.8	68.8	68.9	68.9	69.0	69.4	69.4	69.5	69.9
≥ 16000	67.4	68.2	68.5	68.6	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.1	69.5	69.5	69.6	70.0
≥ 14000	69.8	70.3	70.9	70.8	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.3	71.6	71.6	71.7	72.2
≥ 12000	74.3	75.1	75.4	75.5	75.7	75.7	75.8	75.8	75.8	75.9	75.9	76.0	76.3	76.3	76.5	76.9
≥ 10000	78.1	78.8	79.3	79.2	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.8	80.1	80.1	80.2	80.6
≥ 9000	80.1	80.9	81.2	81.3	81.6	81.6	81.7	81.7	81.7	81.8	81.8	81.9	82.3	82.3	82.4	82.8
≥ 8000	81.2	81.9	82.3	82.4	82.7	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.3	83.3	83.4	83.9
≥ 7000	83.4	84.2	84.5	84.6	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.6	85.6	85.7	86.1
≥ 6000	85.5	86.3	86.7	86.8	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.4	87.7	87.7	87.8	88.3
≥ 5000	87.8	88.9	89.2	89.5	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.2	90.5	90.5	90.6	91.1
≥ 4500	88.2	89.2	89.6	89.8	90.1	90.1	90.3	90.3	90.3	90.4	90.4	90.5	90.9	90.9	91.0	91.4
≥ 4000	89.5	90.6	91.1	91.2	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.9	92.3	92.3	92.4	92.8
≥ 3500	89.7	90.9	91.2	91.4	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.2	92.5	92.5	92.6	93.0
≥ 3000	90.2	91.5	91.8	92.0	92.4	92.4	92.6	92.6	92.6	92.7	92.7	92.8	93.1	93.1	93.2	93.7
≥ 2500	91.0	92.3	92.6	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.9	93.9	94.0	94.4
≥ 2000	91.6	93.1	93.4	93.7	94.0	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.8	94.8	94.9	95.4
≥ 1800	91.8	93.3	93.7	93.9	94.2	94.2	94.5	94.5	94.5	94.6	94.6	94.7	95.1	95.1	95.2	95.6
≥ 1500	91.8	93.4	93.9	94.1	94.4	94.4	94.8	94.8	94.8	94.9	94.9	95.1	95.4	95.4	95.5	95.9
≥ 1200	92.7	93.7	94.1	94.4	94.7	94.7	95.2	95.2	95.2	95.3	95.3	95.4	95.7	95.7	95.8	96.2
≥ 1000	92.3	94.1	94.5	94.8	95.4	95.4	95.8	95.8	95.8	95.9	95.9	96.0	96.3	96.3	96.5	96.9
≥ 900	92.5	94.3	94.8	95.2	95.7	95.7	96.1	96.1	96.1	96.2	96.2	96.3	96.7	96.7	96.8	97.2
≥ 800	92.7	94.5	95.1	95.4	95.9	95.9	96.3	96.3	96.3	96.5	96.5	96.6	96.9	96.9	97.0	97.4
≥ 700	92.8	94.6	95.2	95.5	96.0	96.0	96.5	96.5	96.5	96.6	96.6	96.7	97.0	97.0	97.1	97.5
≥ 600	92.8	94.7	95.4	95.7	96.2	96.2	96.7	97.0	97.0	97.2	97.2	97.3	97.6	97.6	97.7	98.2
≥ 500	92.8	95.3	95.9	96.2	96.8	96.8	97.3	97.6	97.6	97.8	97.8	98.0	98.3	98.3	98.4	98.8
≥ 400	92.8	95.3	95.9	96.2	96.8	96.8	97.4	97.7	97.7	98.0	98.0	98.1	98.4	98.4	98.5	98.9
≥ 300	92.8	95.4	96.0	96.3	96.9	96.9	97.5	98.0	98.0	98.2	98.2	98.3	98.6	98.7	98.9	99.4
≥ 200	92.8	95.4	96.0	96.3	96.9	96.9	97.5	98.0	98.0	98.2	98.3	98.4	98.7	98.8	99.0	99.7
≥ 100	92.8	95.4	96.1	96.3	96.9	96.9	97.5	98.0	98.0	98.2	98.3	98.4	98.8	98.9	99.1	100.0
≥ 0	92.8	95.4	96.1	96.3	96.9	96.9	97.5	98.0	98.0	98.2	98.3	98.4	98.8	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

20314 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

ALL (HOURS (LST))

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	57.6	59.4	59.6	59.8	59.9	59.9	60.1	60.1	60.1	60.2	60.3	60.3	60.4	60.5	60.6	61.0
≥ 20000	[illegible].7	63.5	63.8	64.0	64.1	64.1	64.3	64.3	64.3	64.4	64.5	64.6	64.7	64.7	64.9	65.3
≥ 18000	62.5	64.4	64.6	64.8	64.9	65.0	65.1	65.2	65.2	65.3	65.4	65.4	65.5	65.6	65.8	66.2
≥ 16000	63.0	64.9	65.1	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.8	65.9	66.0	66.1	66.3	66.7
≥ 14000	65.3	67.2	67.5	67.7	67.8	67.9	68.0	68.1	68.1	68.2	68.3	68.4	68.5	68.6	68.8	69.2
≥ 12000	69.2	71.1	71.4	71.7	71.8	71.9	72.0	72.1	72.2	72.2	72.4	72.4	72.5	72.6	72.8	73.2
≥ 10000	72.9	75.1	75.3	75.5	75.6	75.8	75.9	76.0	76.1	76.2	76.3	76.3	76.5	76.5	76.8	77.2
≥ 9000	74.8	76.8	77.1	77.4	77.5	77.6	77.8	77.9	77.9	78.0	78.2	78.2	78.4	78.4	78.7	79.1
≥ 8000	77.3	79.4	79.8	80.0	80.2	80.3	80.5	80.6	80.6	80.7	80.8	80.9	81.0	81.1	81.3	81.8
≥ 7000	79.7	81.9	82.3	82.5	82.7	82.8	83.0	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.9	84.3
≥ 6000	81.7	84.0	84.3	84.6	84.7	84.9	85.0	85.2	85.2	85.3	85.4	85.5	85.6	85.7	85.9	86.4
≥ 5000	83.7	86.2	86.6	86.8	87.0	87.2	87.4	87.5	87.6	87.7	87.8	87.8	88.0	88.1	88.3	88.7
≥ 4500	84.1	86.6	87.0	87.3	87.5	87.6	87.8	88.0	88.0	88.1	88.2	88.3	88.4	88.5	88.7	89.2
≥ 4000	85.5	88.1	88.5	88.8	89.0	89.2	89.4	89.6	89.6	89.7	89.9	89.9	90.1	90.1	90.3	90.8
≥ 3500	85.8	88.5	88.9	89.2	89.4	89.6	89.8	90.0	90.0	90.1	90.3	90.3	90.5	90.5	90.8	91.2
≥ 3000	86.9	89.8	90.2	90.6	90.8	91.0	91.3	91.5	91.5	91.6	91.7	91.8	91.9	92.0	92.2	92.7
≥ 2500	87.6	90.5	90.9	91.3	91.6	91.8	92.0	92.2	92.2	92.3	92.5	92.5	92.7	92.7	93.0	93.4
≥ 2000	87.9	90.8	91.3	91.7	92.0	92.1	92.4	92.6	92.6	92.7	92.9	92.9	93.1	93.1	93.4	93.8
≥ 1800	88.1	91.0	91.5	91.8	92.1	92.3	92.6	92.8	92.8	92.9	93.1	93.1	93.3	93.3	93.5	94.0
≥ 1500	88.2	91.4	91.9	92.2	92.6	92.8	93.1	93.3	93.3	93.4	93.6	93.6	93.8	93.8	94.1	94.5
≥ 1200	88.4	91.7	92.2	92.6	93.0	93.1	93.5	93.7	93.7	93.8	94.0	94.0	94.2	94.2	94.5	94.9
≥ 1000	88.8	92.3	92.8	93.3	93.7	93.9	94.2	94.5	94.5	94.7	94.9	94.9	95.1	95.2	95.4	95.8
≥ 900	88.9	92.4	93.0	93.5	94.0	94.2	94.5	94.8	94.8	95.0	95.1	95.2	95.4	95.5	95.7	96.2
≥ 800	89.1	92.7	93.3	93.8	94.4	94.6	94.9	95.2	95.2	95.4	95.6	95.6	95.8	95.9	96.2	96.7
≥ 700	89.3	92.9	93.5	94.0	94.5	94.7	95.1	95.3	95.4	95.6	95.8	95.8	96.0	96.1	96.4	96.9
≥ 600	89.4	93.1	93.8	94.3	94.9	95.1	95.5	95.8	95.8	96.1	96.3	96.3	96.5	96.6	96.9	97.4
≥ 500	89.5	93.4	94.1	94.6	95.3	95.5	95.9	96.3	96.3	96.5	96.8	96.9	97.1	97.1	97.5	98.0
≥ 400	89.5	93.5	94.3	94.8	95.6	95.8	96.3	96.7	96.8	97.1	97.4	97.5	97.7	97.7	98.1	98.7
≥ 300	89.5	93.6	94.4	95.0	95.8	96.0	96.5	96.9	97.0	97.3	97.6	97.7	98.0	98.1	98.5	99.2
≥ 200	89.5	93.6	94.4	95.0	95.8	96.0	96.5	96.9	97.0	97.3	97.7	97.8	98.1	98.3	98.8	99.7
≥ 100	89.5	93.6	94.4	95.0	95.8	96.0	96.5	96.9	97.0	97.3	97.7	97.8	98.1	98.3	98.8	100.0
≥ 0	89.5	93.6	94.4	95.0	95.8	96.0	96.5	96.9	97.0	97.3	97.7	97.8	98.1	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.1	33.9	34.3	34.7	35.0	35.0	35.0	35.3	35.3	35.7	36.3	36.6	37.2	37.4	38.4	40.2
≥ 20000	35.3	36.1	36.6	36.9	37.2	37.2	37.2	37.6	37.6	37.9	38.6	38.8	39.4	39.7	40.7	42.4
≥ 18000	35.8	36.6	37.1	37.3	37.7	37.7	37.7	38.0	38.0	38.3	39.0	39.2	39.9	40.1	41.1	42.9
≥ 16000	35.9	36.7	37.1	37.4	37.8	37.8	37.8	38.1	38.1	38.4	39.1	39.3	40.0	40.2	41.2	43.0
≥ 14000	36.8	37.6	38.1	38.3	38.8	38.8	38.8	39.1	39.1	39.4	40.1	40.3	41.0	41.2	42.2	44.0
≥ 12000	39.0	39.8	40.2	40.6	41.0	41.0	41.0	41.3	41.3	41.7	42.3	42.6	43.2	43.4	44.4	46.2
≥ 10000	41.6	42.4	43.0	43.3	43.8	43.8	43.8	44.1	44.1	44.4	45.1	45.3	46.0	46.2	47.2	49.0
≥ 9000	43.0	43.9	44.4	44.8	45.3	45.3	45.3	45.7	45.7	46.0	46.7	46.9	47.6	47.8	48.8	50.6
≥ 8000	45.8	46.7	47.2	47.6	48.1	48.1	48.1	48.4	48.4	48.9	49.6	49.8	50.4	50.7	51.8	53.6
≥ 7000	49.2	50.1	50.7	51.0	51.6	51.6	51.6	51.9	51.9	52.6	53.3	53.6	54.2	54.4	55.6	57.3
≥ 6000	51.1	52.4	53.0	53.3	53.9	53.9	53.9	54.2	54.2	54.9	55.7	55.9	56.6	56.8	57.9	59.7
≥ 5000	54.7	56.3	56.9	57.2	57.8	57.8	57.8	58.2	58.3	59.0	59.8	60.0	60.7	60.9	62.0	63.8
≥ 4500	56.9	58.6	59.1	59.4	60.0	60.3	60.0	60.4	60.6	61.2	62.0	62.2	62.9	63.1	64.2	66.0
≥ 4000	58.3	60.0	60.7	61.0	61.6	61.6	61.6	62.0	62.1	62.8	63.6	63.8	64.4	64.7	65.8	67.6
≥ 3500	59.1	60.9	61.6	61.9	62.4	62.4	62.4	62.9	63.0	63.7	64.4	64.7	65.3	65.6	66.7	68.4
≥ 3000	61.1	63.6	64.2	64.7	65.3	65.3	65.3	65.8	65.9	66.6	67.3	67.6	68.2	68.4	69.6	71.3
≥ 2500	62.7	65.2	66.0	66.6	67.2	67.2	67.2	67.7	67.8	68.6	69.4	69.7	70.3	70.6	71.7	73.4
≥ 2000	63.6	66.7	67.6	68.2	68.9	69.1	69.3	69.8	69.9	70.7	71.6	71.8	72.4	72.7	73.8	75.6
≥ 1800	64.0	67.1	68.0	68.7	69.3	69.6	69.8	70.2	70.4	71.2	72.1	72.3	73.0	73.2	74.3	76.1
≥ 1500	64.4	67.8	68.7	69.4	70.1	70.3	70.6	71.0	71.2	72.0	72.9	73.1	73.8	74.0	75.1	76.9
≥ 1200	64.6	68.4	69.3	70.1	70.9	71.1	71.3	71.8	72.0	72.8	73.7	73.9	74.6	74.8	75.9	77.7
≥ 1000	64.7	68.6	69.6	70.3	71.1	71.3	71.8	72.2	72.4	73.4	74.3	74.6	75.2	75.4	76.6	78.3
≥ 900	65.1	69.0	70.0	70.8	71.6	71.8	72.2	72.7	72.9	73.9	74.8	75.0	75.7	75.9	77.0	78.8
≥ 800	65.3	69.3	70.3	71.1	71.9	72.1	72.6	73.1	73.3	74.3	75.2	75.4	76.1	76.3	77.6	79.3
≥ 700	65.3	69.7	70.7	71.4	72.2	72.4	72.9	73.4	73.7	74.7	75.6	75.8	76.4	76.7	77.9	79.7
≥ 600	65.4	70.3	71.4	72.3	73.1	73.6	74.0	74.6	74.8	76.0	76.9	77.1	77.9	78.1	79.3	81.1
≥ 500	65.8	72.0	73.3	74.6	76.0	76.7	77.2	78.3	78.7	80.0	81.2	81.4	82.4	82.7	83.9	85.7
≥ 400	66.6	73.2	74.6	76.2	77.9	78.6	79.2	80.6	80.9	82.3	83.7	84.1	85.1	85.4	86.9	88.8
≥ 300	66.6	73.3	74.7	76.6	78.6	79.2	80.7	82.4	82.9	85.0	87.1	87.7	88.9	89.2	90.9	92.8
≥ 200	66.6	73.4	74.8	76.8	78.8	79.6	81.2	83.3	83.8	86.2	88.7	89.3	91.1	92.1	94.6	98.1
≥ 100	66.6	73.4	74.8	76.8	78.8	79.6	81.2	83.4	83.9	86.3	88.9	89.6	91.3	92.3	95.0	99.4
≥ 0	66.6	73.4	74.8	76.8	78.8	79.6	81.2	83.4	83.9	86.3	88.9	89.6	91.3	92.3	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5402

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.6	29.8	30.2	30.2	31.2	31.2	31.7	32.2	32.4	32.6	32.7	32.7	33.2	33.3	34.7	36.8
≥ 20000	31.4	31.7	32.2	32.2	33.3	33.3	33.8	34.4	34.7	34.8	34.9	34.9	35.4	35.6	36.9	39.0
≥ 18000	32.1	32.3	32.9	32.9	34.0	34.0	34.4	35.1	35.3	35.4	35.6	35.6	36.1	36.2	37.6	39.7
≥ 16000	32.1	32.3	32.9	32.9	34.0	34.0	34.4	35.1	35.3	35.4	35.6	35.6	36.1	36.2	37.6	39.7
≥ 14000	32.9	33.1	33.7	33.7	34.8	34.8	35.2	35.9	36.1	36.2	36.3	36.3	36.9	37.0	38.3	40.4
≥ 12000	35.6	35.9	36.3	36.3	37.4	37.4	37.9	38.6	38.8	38.9	39.0	39.0	39.6	39.7	41.0	43.1
≥ 10000	37.4	37.7	38.2	38.2	39.3	39.3	39.8	40.4	40.7	40.8	41.0	41.0	41.6	41.7	43.0	45.1
≥ 9000	38.9	39.1	39.7	39.8	40.9	40.9	41.3	42.0	42.2	42.3	42.8	42.8	43.3	43.4	44.8	46.9
≥ 8000	41.3	41.8	42.3	42.4	43.7	43.7	44.1	44.8	45.0	45.1	45.6	45.6	46.1	46.2	47.6	49.7
≥ 7000	44.2	44.8	45.3	45.4	46.7	46.7	47.1	47.8	48.0	48.1	48.9	48.9	49.4	49.6	50.9	53.0
≥ 6000	46.2	46.8	47.3	47.4	48.7	48.7	49.1	49.8	50.0	50.1	50.9	50.9	51.4	51.6	52.9	55.0
≥ 5000	48.4	49.7	50.2	50.3	51.6	51.6	52.0	52.7	52.9	53.0	53.8	53.9	54.4	54.6	55.9	58.0
≥ 4500	49.7	51.0	51.6	51.9	53.1	53.1	53.6	54.2	54.4	54.6	55.3	55.4	56.0	56.1	57.4	59.6
≥ 4000	51.1	52.8	53.7	53.8	55.0	55.0	55.4	56.1	56.3	56.4	57.2	57.3	57.9	58.0	59.3	61.4
≥ 3500	52.6	54.2	55.1	55.2	56.4	56.4	56.9	57.6	57.8	57.9	58.7	58.8	59.3	59.4	60.8	62.9
≥ 3000	53.3	55.2	56.1	56.4	57.7	57.7	58.1	58.8	59.0	59.1	59.9	60.0	60.6	60.7	62.0	64.1
≥ 2500	55.3	57.2	58.1	58.4	59.7	59.7	60.2	60.9	61.1	61.2	62.0	62.1	62.7	62.8	64.1	66.2
≥ 2000	57.2	59.2	60.1	60.4	61.7	61.7	62.2	62.9	63.1	63.2	64.0	64.1	64.7	64.8	66.1	68.2
≥ 1800	57.3	59.3	60.2	60.6	61.9	61.9	62.7	63.3	63.6	63.7	64.4	64.6	65.1	65.2	66.6	68.7
≥ 1500	57.3	59.3	60.4	60.8	62.1	62.1	62.9	63.6	63.8	64.0	64.8	64.9	65.4	65.6	66.9	69.0
≥ 1200	57.4	60.0	61.1	61.4	62.8	62.8	63.6	64.2	64.4	64.7	65.4	65.6	66.1	66.2	67.6	69.7
≥ 1000	58.6	61.3	62.4	62.9	64.2	64.2	65.3	66.0	66.2	66.4	67.2	67.3	67.9	68.0	69.3	71.4
≥ 900	59.3	62.3	63.4	63.9	65.4	65.4	66.6	67.2	67.4	67.7	68.4	68.6	69.1	69.2	70.6	72.7
≥ 800	59.7	63.1	64.4	64.9	66.7	66.7	67.8	68.4	68.7	68.9	69.7	69.8	70.3	70.4	71.8	73.9
≥ 700	59.9	63.3	64.7	65.1	67.0	67.0	68.1	68.9	69.2	69.4	70.2	70.3	71.0	71.1	72.4	74.6
≥ 600	60.4	64.1	65.7	66.1	68.0	68.0	69.1	70.1	70.6	71.0	71.8	71.9	72.6	72.7	74.0	76.1
≥ 500	61.1	65.6	67.3	68.1	70.8	70.8	72.1	73.3	73.9	74.9	76.2	76.3	77.2	77.3	78.7	80.8
≥ 400	61.4	66.3	68.1	69.1	72.0	72.0	73.3	74.9	75.4	77.2	79.1	79.2	80.3	80.8	82.1	84.2
≥ 300	61.9	67.3	69.2	70.4	74.1	74.3	75.9	78.4	79.4	81.7	84.4	84.7	86.0	86.8	88.4	90.8
≥ 200	61.9	67.6	69.4	70.7	74.6	74.9	76.4	79.8	80.8	83.3	86.3	86.7	88.6	89.9	92.8	96.4
≥ 100	61.9	67.6	69.4	70.7	74.6	74.9	76.4	79.8	80.8	83.3	86.3	86.7	88.6	89.9	93.6	99.2
≥ 0	61.9	67.6	69.4	70.7	74.6	74.9	76.4	79.8	80.8	83.3	86.3	86.7	88.6	89.9	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

—DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅜	≥¼	≥5/16	≥¼	≥0
NO CEILING	24.8	25.2	25.7	25.9	26.1	26.1	26.2	26.6	26.8	26.9	27.0	27.0	27.1	27.3	28.1	30.0
≥ 20000	28.0	28.6	29.1	29.3	29.6	29.6	29.7	30.2	30.4	30.6	30.7	30.7	30.8	31.0	31.8	33.7
≥ 18000	28.7	29.3	29.9	30.1	30.3	30.3	30.4	31.0	31.2	31.3	31.4	31.4	31.6	31.8	32.6	34.4
≥ 16000	28.8	29.4	30.0	30.2	30.4	30.4	30.6	31.1	31.4	31.6	31.7	31.7	31.8	32.0	32.8	34.7
≥ 14000	29.6	30.2	30.8	31.0	31.3	31.3	31.4	32.0	32.3	32.4	32.6	32.6	32.7	32.9	33.7	35.6
≥ 12000	33.0	33.9	34.7	34.9	35.2	35.2	35.3	35.9	36.2	36.3	36.4	36.4	36.6	36.8	37.6	39.4
≥ 10000	35.0	36.0	36.8	37.0	37.3	37.3	37.4	38.1	38.4	38.6	38.7	38.7	38.8	39.0	39.8	41.7
≥ 9000	36.9	37.9	38.7	38.9	39.2	39.2	39.3	40.0	40.3	40.6	40.8	40.8	41.0	41.2	42.0	43.9
≥ 8000	39.7	40.8	41.7	41.9	42.2	42.2	42.3	43.0	43.3	43.6	43.9	43.9	44.2	44.4	45.2	47.1
≥ 7000	41.8	43.3	44.2	44.4	44.8	44.8	44.9	45.6	45.9	46.1	46.4	46.4	46.8	47.0	47.8	49.7
≥ 6000	42.6	44.1	45.1	45.3	45.9	45.9	46.0	46.7	47.0	47.2	47.6	47.6	48.0	48.2	49.0	50.9
≥ 5000	43.7	45.6	46.6	46.8	47.3	47.3	47.4	48.1	48.4	48.7	49.0	49.0	49.6	49.8	50.6	52.4
≥ 4500	44.8	46.9	47.9	48.1	48.7	48.7	48.8	49.4	49.8	50.0	50.3	50.3	50.9	51.1	51.9	53.8
≥ 4000	46.3	48.4	49.4	49.6	50.4	50.4	50.6	51.2	51.6	51.8	52.1	52.1	52.8	53.0	53.8	55.7
≥ 3500	46.9	49.2	50.2	51.0	51.7	51.8	51.9	52.6	52.9	53.1	53.4	53.4	54.1	54.3	55.1	57.0
≥ 3000	48.2	51.3	52.4	53.2	54.1	54.3	54.4	55.1	55.4	55.7	56.2	56.2	56.9	57.1	57.9	59.8
≥ 2500	49.4	53.4	55.0	55.3	56.2	56.4	56.7	57.3	57.7	57.9	58.4	58.4	59.1	59.3	60.1	62.0
≥ 2000	49.9	54.3	56.0	56.4	57.3	57.6	57.8	58.4	58.8	59.0	59.6	59.6	60.2	60.4	61.2	63.1
≥ 1800	50.0	54.6	56.2	56.7	57.7	57.9	58.1	58.8	59.1	59.3	59.9	59.9	60.6	60.8	61.6	63.4
≥ 1500	50.2	54.9	56.7	57.2	58.2	58.4	58.8	59.6	59.9	60.2	60.8	60.8	61.4	61.7	62.4	64.3
≥ 1200	50.7	55.6	57.3	57.9	58.9	59.1	59.8	60.6	61.1	61.4	62.0	62.0	62.7	62.9	63.7	65.6
≥ 1000	51.3	56.7	58.6	59.1	60.2	60.4	61.1	62.2	62.6	63.0	63.6	63.6	64.2	64.4	65.2	67.1
≥ 900	51.9	57.3	59.2	59.8	61.4	61.7	62.3	63.4	63.8	64.2	64.8	64.8	65.4	65.7	66.4	68.3
≥ 800	52.3	57.9	59.8	60.3	62.3	62.6	63.2	64.3	64.7	65.1	65.7	65.7	66.3	66.6	67.3	69.2
≥ 700	52.4	58.2	60.1	60.7	62.7	62.9	63.6	64.7	65.0	65.4	66.0	66.0	66.7	66.9	67.7	69.6
≥ 600	53.1	59.1	61.0	61.6	63.9	64.2	64.9	66.1	66.4	67.1	67.8	67.8	68.4	68.7	69.4	71.3
≥ 500	53.9	60.7	62.7	63.4	66.0	66.3	67.0	68.7	69.1	70.7	71.7	71.7	72.6	72.9	73.8	75.7
≥ 400	54.2	61.8	64.0	65.1	68.4	68.9	69.9	71.7	72.3	74.5	75.8	76.0	77.0	77.6	78.6	80.8
≥ 300	54.6	62.3	64.8	66.0	70.6	71.3	72.7	75.2	76.2	79.1	80.9	81.2	82.6	83.2	85.3	88.7
≥ 200	54.6	62.6	65.0	66.2	70.8	71.7	73.1	76.2	77.4	81.2	83.6	83.9	85.8	87.3	90.7	96.0
≥ 100	54.6	62.6	65.0	66.2	70.8	71.7	73.1	76.2	77.4	81.3	83.8	84.1	86.1	87.9	91.6	99.7
≥ 0	54.6	62.6	65.0	66.2	70.8	71.7	73.1	76.2	77.4	81.3	83.8	84.1	86.1	87.9	91.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5403

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFS WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.6	26.3	26.3	27.2	27.2	27.2	27.7	27.8	27.9	27.9	28.3	28.3	28.7	28.9	29.6	30.1
≥ 20000	29.7	30.7	31.1	31.6	31.6	31.6	32.0	32.1	32.2	32.2	32.8	32.8	33.1	33.3	34.0	34.6
≥ 18000	30.2	31.3	31.8	32.2	32.2	32.2	32.7	32.8	32.9	32.9	33.4	33.4	33.8	34.0	34.7	35.2
≥ 16000	31.2	32.2	32.7	33.1	33.1	33.1	33.6	33.7	33.8	33.8	34.3	34.3	34.7	34.9	35.6	36.1
≥ 14000	32.3	33.2	33.7	34.4	34.4	34.4	34.9	35.0	35.1	35.1	35.7	35.7	36.0	36.2	36.9	37.4
≥ 12000	34.4	35.8	36.2	36.7	36.7	36.7	37.1	37.2	37.3	37.3	37.9	37.9	38.2	38.4	39.1	39.7
≥ 10000	37.7	39.1	39.6	40.0	40.0	40.0	40.4	40.6	40.7	40.7	41.2	41.2	41.6	41.8	42.4	43.0
≥ 9000	39.6	41.3	41.8	42.3	42.3	42.3	42.8	43.0	43.1	43.1	43.7	43.7	44.0	44.2	44.9	45.4
≥ 8000	42.2	44.1	44.6	45.1	45.1	45.1	45.6	45.8	46.0	46.0	46.6	46.6	46.9	47.1	47.8	48.3
≥ 7000	45.1	47.4	48.1	48.7	48.8	48.8	49.2	49.4	49.7	49.8	50.3	50.3	50.8	51.0	51.7	52.2
≥ 6000	47.1	49.6	50.2	50.8	50.9	50.9	51.3	51.7	51.9	52.1	52.7	52.7	53.1	53.3	54.0	54.6
≥ 5000	48.9	51.8	52.4	53.0	53.2	53.2	53.7	54.0	54.2	54.4	55.0	55.0	55.4	55.7	56.3	56.9
≥ 4500	49.3	52.3	53.0	53.6	53.8	53.8	54.2	54.6	54.8	55.0	55.6	55.6	56.0	56.2	56.9	57.4
≥ 4000	50.7	53.8	54.6	55.1	55.3	55.3	55.8	56.1	56.3	56.6	57.3	57.3	57.8	58.0	58.7	59.2
≥ 3500	51.8	55.2	56.1	56.6	57.0	57.0	57.4	57.8	58.0	58.2	59.0	59.0	59.4	59.7	60.3	60.9
≥ 3000	52.8	56.6	57.3	58.1	58.9	58.9	59.3	59.7	59.9	60.2	61.0	61.0	61.4	61.7	62.3	62.9
≥ 2500	53.6	57.9	58.8	59.6	60.4	60.4	61.1	61.6	61.8	62.1	62.9	62.9	63.3	63.6	64.2	64.8
≥ 2000	53.7	58.1	59.1	59.9	60.9	60.9	61.6	62.0	62.2	62.6	63.3	63.3	63.8	64.0	64.7	65.2
≥ 1800	53.9	58.3	59.2	60.1	61.1	61.1	61.8	62.2	62.4	62.8	63.6	63.6	64.0	64.2	64.9	65.4
≥ 1500	54.3	59.3	60.2	61.3	62.4	62.4	63.1	63.7	63.9	64.2	65.0	65.0	65.4	65.8	66.6	67.1
≥ 1200	54.8	59.8	61.0	62.2	63.6	63.6	64.2	64.8	65.0	65.3	66.1	66.1	66.6	66.9	67.7	68.2
≥ 1000	56.0	61.0	62.3	63.6	65.1	65.1	65.8	66.4	66.7	67.0	67.8	67.8	68.2	68.6	69.3	69.9
≥ 900	56.3	61.3	62.7	64.0	65.6	65.6	66.2	66.9	67.1	67.4	68.2	68.2	68.7	69.0	69.8	70.3
≥ 800	56.8	62.2	63.6	65.1	67.0	67.0	67.7	68.3	68.6	69.0	69.8	69.8	70.2	70.6	71.3	71.9
≥ 700	57.4	63.1	64.7	66.2	68.3	68.4	69.2	70.0	70.3	70.9	71.7	71.7	72.1	72.4	73.2	73.8
≥ 600	58.0	64.1	65.9	67.6	70.1	70.3	71.4	72.2	72.6	73.2	74.0	74.0	74.4	74.8	75.6	76.1
≥ 500	58.3	65.4	67.8	69.6	72.7	73.0	74.9	75.9	76.2	77.6	78.6	78.7	79.2	79.6	80.3	80.9
≥ 400	58.3	66.4	69.1	71.2	75.3	75.8	78.2	80.0	80.8	82.6	83.9	84.1	84.9	85.4	86.4	87.1
≥ 300	58.3	66.8	69.7	72.0	76.6	77.1	80.4	83.0	84.1	86.9	88.8	89.0	90.1	91.0	92.1	93.8
≥ 200	58.3	66.8	69.8	72.2	76.8	77.4	80.9	83.6	85.0	88.3	91.2	91.4	93.0	94.1	96.3	98.2
≥ 100	58.4	66.9	69.9	72.3	76.9	77.6	81.0	83.9	85.1	88.6	91.4	91.7	93.3	94.6	97.0	99.9
0	58.4	66.9	69.9	72.3	76.9	77.6	81.0	83.9	85.1	88.6	91.4	91.7	93.3	94.6	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥⅛	≥0
NO CEILING	28.8	30.4	30.6	30.6	31.0	31.1	31.4	31.5	31.6	31.8	31.8	31.8	32.0	32.0	32.0	32.0
≥ 20000	32.5	34.0	34.3	34.3	34.8	34.9	35.2	35.3	35.4	35.6	35.6	35.6	35.8	35.8	35.8	35.8
≥ 18000	32.9	34.5	34.7	34.7	35.3	35.4	35.6	35.7	35.8	36.0	36.0	36.0	36.3	36.3	36.3	36.3
≥ 16000	33.8	35.4	35.6	35.6	36.2	36.3	36.5	36.6	36.7	36.9	36.9	36.9	37.2	37.2	37.2	37.2
≥ 14000	35.8	37.5	37.7	37.7	38.3	38.4	38.6	38.7	38.8	39.0	39.0	39.0	39.3	39.3	39.3	39.3
≥ 12000	38.7	40.6	40.8	40.8	41.4	41.5	41.7	41.8	41.9	42.2	42.2	42.2	42.4	42.4	42.4	42.4
≥ 10000	42.3	44.7	44.9	45.1	45.6	45.7	45.9	46.1	46.2	46.4	46.4	46.4	46.6	46.6	46.6	46.6
≥ 9000	44.7	47.6	47.8	47.9	48.5	48.6	48.8	48.9	49.1	49.3	49.3	49.3	49.5	49.5	49.5	49.5
≥ 8000	47.1	50.3	50.5	50.6	51.2	51.3	51.5	51.6	51.7	51.9	51.9	51.9	52.2	52.2	52.2	52.2
≥ 7000	49.3	52.6	52.8	52.9	53.6	53.7	53.9	54.1	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.6
≥ 6000	50.9	54.4	54.6	54.8	55.5	55.6	56.0	56.2	56.3	56.5	56.5	56.5	56.7	56.7	56.7	56.7
≥ 5000	53.4	57.5	57.7	58.1	58.6	58.7	59.1	59.3	59.4	59.6	59.6	59.6	59.8	59.8	59.8	59.8
≥ 4500	54.2	58.3	58.5	58.7	59.4	59.5	59.8	60.1	60.2	60.4	60.4	60.4	60.6	60.6	60.6	60.6
≥ 4000	55.5	60.0	60.3	60.6	61.3	61.5	61.8	62.1	62.2	62.4	62.4	62.4	62.6	62.6	62.6	62.6
≥ 3500	56.8	61.6	62.1	62.4	63.3	63.5	63.8	64.1	64.2	64.4	64.4	64.4	64.6	64.6	64.6	64.6
≥ 3000	59.3	64.4	65.1	65.4	66.4	66.7	67.1	67.3	67.4	67.6	67.6	67.6	67.9	67.9	67.9	67.9
≥ 2500	60.4	66.4	67.2	67.6	68.6	69.0	69.4	69.6	69.7	70.0	70.0	70.0	70.2	70.2	70.2	70.2
≥ 2000	61.8	68.1	68.9	69.4	70.5	71.0	71.4	71.6	71.7	72.0	72.0	72.0	72.2	72.2	72.2	72.2
≥ 1800	62.5	68.7	69.5	70.1	71.2	71.6	72.1	72.3	72.4	72.6	72.6	72.6	72.9	72.9	72.9	72.9
≥ 1500	63.7	70.5	71.4	72.0	73.2	73.6	74.2	74.4	74.5	74.7	74.7	74.9	75.1	75.1	75.1	75.1
≥ 1200	64.8	72.7	74.0	74.6	76.0	76.4	77.1	77.3	77.4	77.6	77.6	77.8	78.0	78.0	78.0	78.0
≥ 1000	66.2	74.6	76.2	77.3	78.5	79.0	79.8	80.0	80.1	80.3	80.3	80.4	80.6	80.6	80.6	80.6
≥ 900	66.5	75.5	77.5	78.8	80.4	80.9	81.6	81.9	82.0	82.2	82.2	82.3	82.5	82.5	82.5	82.5
≥ 800	66.9	76.6	78.8	80.0	81.8	82.2	83.2	83.8	83.9	84.1	84.2	84.3	84.5	84.5	84.5	84.5
≥ 700	67.1	77.3	79.6	81.0	82.9	83.3	84.4	85.0	85.2	85.5	85.7	85.8	86.0	86.0	86.0	86.0
≥ 600	67.2	77.8	80.4	81.8	83.6	84.1	85.5	86.1	86.3	86.9	87.0	87.1	87.4	87.4	87.4	87.4
≥ 500	67.5	78.8	81.5	83.0	85.2	85.8	87.3	88.0	88.3	89.1	89.2	89.3	89.7	89.7	89.7	89.7
≥ 400	67.6	79.3	82.2	84.2	87.1	87.9	89.8	90.7	91.0	92.2	92.4	92.5	92.9	92.9	93.0	93.0
≥ 300	67.6	79.3	82.4	84.4	87.3	88.2	90.4	92.1	93.3	95.0	95.4	95.6	96.0	96.0	96.7	96.7
≥ 200	67.6	79.3	82.4	84.4	87.3	88.2	90.4	92.5	93.9	96.2	97.0	97.2	98.1	98.3	99.3	99.6
≥ 100	67.6	79.3	82.4	84.4	87.3	88.2	90.4	92.5	93.9	96.2	97.0	97.2	98.2	98.4	99.4	100.0
≥ 0	67.6	79.3	82.4	84.4	87.3	88.2	90.4	92.5	93.9	96.2	97.0	97.2	98.2	98.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 899

5404

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	28.7	29.1	29.3	29.6	29.9	29.9	29.9	29.9	29.9	30.0	30.1	30.1	30.1	30.3	30.6	30.8
≥ 20000	33.4	34.0	34.2	34.4	34.8	34.8	34.8	34.8	34.8	34.9	35.0	35.0	35.0	35.2	35.4	35.7
≥ 18000	34.3	35.0	35.2	35.4	35.8	35.8	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.2	36.4	36.7
≥ 16000	35.4	36.1	36.3	36.6	36.9	36.9	36.9	36.9	36.9	37.0	37.1	37.1	37.1	37.3	37.6	37.8
≥ 14000	37.8	38.6	38.8	39.1	39.4	39.4	39.4	39.4	39.4	39.6	39.7	39.7	39.7	39.9	40.1	40.3
≥ 12000	41.1	42.0	42.2	42.6	42.9	42.9	42.9	42.9	42.9	43.0	43.1	43.1	43.1	43.3	43.6	43.8
≥ 10000	46.0	47.1	47.3	47.7	48.0	48.0	48.0	48.3	48.3	48.4	48.6	48.6	48.6	48.8	49.0	49.2
≥ 9000	48.2	49.7	49.9	50.2	50.6	50.6	50.6	50.9	50.9	51.0	51.1	51.1	51.1	51.3	51.6	51.8
≥ 8000	52.2	53.8	54.0	54.3	54.7	54.7	54.7	55.0	55.0	55.1	55.2	55.2	55.2	55.4	55.7	55.9
≥ 7000	55.6	57.1	57.3	57.8	58.2	58.2	58.2	58.6	58.6	58.7	58.8	58.8	58.8	59.0	59.2	59.4
≥ 6000	57.1	58.7	58.9	59.6	60.0	60.0	60.0	60.3	60.3	60.4	60.6	60.6	60.6	60.8	61.0	61.2
≥ 5000	59.6	61.6	61.8	62.4	62.9	62.9	62.9	63.2	63.2	63.3	63.4	63.4	63.4	63.7	63.9	64.1
≥ 4500	61.4	63.4	63.6	64.4	65.0	65.0	65.0	65.3	65.3	65.4	65.6	65.6	65.6	65.8	66.0	66.2
≥ 4000	62.8	65.0	65.4	66.1	66.8	66.8	66.8	67.1	67.1	67.2	67.3	67.3	67.3	67.6	67.8	68.0
≥ 3500	63.7	66.1	66.8	67.4	68.1	68.1	68.1	68.4	68.4	68.6	68.7	68.7	68.7	68.9	69.1	69.3
≥ 3000	64.8	67.4	68.2	68.9	69.8	69.8	69.8	70.1	70.1	70.2	70.3	70.3	70.3	70.6	70.8	71.0
≥ 2500	66.1	69.1	69.9	70.8	72.0	72.0	72.1	72.4	72.4	72.6	72.7	72.7	72.7	72.9	73.1	73.3
≥ 2000	67.9	70.9	71.7	72.7	74.1	74.1	74.2	74.6	74.6	74.7	74.9	74.9	74.9	75.1	75.3	75.6
≥ 1800	68.1	71.4	72.3	73.4	74.9	74.9	75.1	75.4	75.4	75.6	75.8	75.8	75.8	76.1	76.3	76.6
≥ 1500	68.6	72.7	73.7	74.8	76.2	76.2	76.4	76.8	76.8	76.9	77.1	77.1	77.1	77.4	77.7	77.9
≥ 1200	69.8	74.3	75.7	76.8	78.2	78.2	78.4	78.8	78.8	79.0	79.2	79.2	79.2	79.6	79.8	80.0
≥ 1000	70.6	75.7	77.1	78.6	80.1	80.2	80.6	80.9	80.9	81.2	81.4	81.4	81.4	81.8	82.0	82.2
≥ 900	70.7	75.8	77.2	78.7	80.3	80.4	80.8	81.1	81.1	81.4	81.7	81.7	81.7	82.0	82.2	82.4
≥ 800	70.8	76.8	78.4	80.0	81.7	82.0	82.7	83.0	83.0	83.4	83.7	83.7	83.7	84.0	84.2	84.4
≥ 700	71.1	78.0	79.8	81.3	83.1	83.6	84.2	84.6	84.6	85.0	85.2	85.2	85.2	85.6	85.9	86.1
≥ 600	71.2	78.7	80.9	82.4	84.3	84.8	85.8	86.1	86.1	86.6	86.8	86.9	86.9	87.2	87.6	87.8
≥ 500	71.3	79.1	81.4	83.2	85.6	86.1	87.2	87.7	87.8	88.6	88.9	89.1	89.1	89.4	89.8	90.0
≥ 400	71.3	79.3	81.7	83.6	86.4	87.2	88.4	89.2	89.3	90.2	90.6	90.8	90.8	91.1	91.4	91.7
≥ 300	71.4	79.7	82.0	83.9	87.1	88.0	89.8	90.9	91.3	93.3	94.6	94.8	94.8	95.2	95.7	95.9
≥ 200	71.4	79.7	82.0	84.0	87.3	88.4	90.2	91.6	92.1	94.4	95.8	96.1	97.1	97.7	98.2	99.0
≥ 100	71.4	79.7	82.3	84.0	87.3	88.4	90.2	91.6	92.1	94.4	95.9	96.2	97.4	98.0	98.6	100.0
≥ 0	71.4	79.7	82.3	84.0	87.3	88.4	90.2	91.6	92.1	94.4	95.9	96.2	97.4	98.0	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24,14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	35.8	35.8	35.9	36.4	36.5	37.2	37.5	37.5	37.6	37.7	37.7	37.7	37.8	37.8	37.8
≥ 20000	39.6	40.3	40.3	40.4	40.8	40.9	41.6	41.9	41.9	42.0	42.2	42.2	42.2	42.3	42.3	42.3
≥ 18000	40.5	41.2	41.2	41.3	41.7	41.8	42.5	42.8	42.8	42.9	43.0	43.0	43.0	43.2	43.2	43.2
≥ 16000	40.6	41.3	41.3	41.4	41.8	41.9	42.6	42.9	42.9	43.0	43.2	43.2	43.2	43.3	43.3	43.3
≥ 14000	41.7	42.4	42.4	42.5	42.9	43.0	43.7	44.2	44.2	44.3	44.4	44.4	44.4	44.5	44.5	44.5
≥ 12000	44.1	44.7	44.7	44.8	45.3	45.4	46.1	46.5	46.5	46.6	46.7	46.7	46.7	46.8	46.8	46.8
≥ 10000	47.6	48.5	48.5	48.6	49.1	49.2	49.8	50.3	50.3	50.4	50.5	50.5	50.5	50.6	50.6	50.6
≥ 9000	49.6	50.5	50.5	50.6	51.1	51.2	51.8	52.3	52.3	52.4	52.5	52.5	52.5	52.6	52.6	52.6
≥ 8000	51.9	52.8	52.8	52.9	53.5	53.6	54.3	54.7	54.7	54.8	54.9	54.9	55.1	55.2	55.2	55.2
≥ 7000	54.7	55.7	55.7	55.8	56.5	56.7	57.5	58.2	58.2	58.4	58.5	58.5	58.6	58.7	58.7	58.7
≥ 6000	56.6	57.7	57.7	57.8	58.5	58.7	59.5	60.2	60.2	60.4	60.5	60.5	60.6	60.7	60.7	60.7
≥ 5000	59.4	60.7	60.7	61.0	61.6	61.8	62.6	63.4	63.4	63.6	64.0	64.0	64.1	64.2	64.2	64.2
≥ 4500	61.7	62.2	62.3	62.6	63.3	63.5	64.3	65.1	65.1	65.3	65.6	65.6	65.7	65.9	65.9	65.9
≥ 4000	62.7	64.4	64.5	65.1	65.6	65.9	66.6	67.4	67.4	67.6	68.0	68.0	68.1	68.2	68.2	68.2
≥ 3500	63.1	64.8	65.1	65.5	66.2	66.4	67.2	68.0	68.0	68.2	68.5	68.5	68.6	68.7	68.7	68.7
≥ 3000	65.5	67.3	67.5	68.0	68.6	68.9	69.7	70.5	70.5	70.7	71.2	71.2	71.3	71.4	71.4	71.4
≥ 2500	66.9	70.0	70.2	70.6	71.7	72.0	72.9	73.6	73.6	73.9	74.3	74.3	74.4	74.5	74.5	74.5
≥ 2000	68.0	71.4	71.6	72.2	73.4	73.6	74.5	75.5	75.5	76.0	76.4	76.4	76.5	76.6	76.6	76.6
≥ 1800	68.5	72.1	72.3	72.9	74.1	74.3	75.2	76.2	76.2	76.6	77.1	77.1	77.2	77.3	77.3	77.3
≥ 1500	69.2	73.2	73.4	74.0	75.2	75.4	76.3	77.3	77.3	77.8	78.2	78.2	78.3	78.4	78.4	78.4
≥ 1200	69.7	74.1	74.3	74.9	76.2	76.4	77.5	78.5	78.8	79.2	79.6	79.6	79.8	79.9	80.0	80.0
≥ 1000	70.5	75.3	75.5	76.3	77.8	78.0	79.2	80.2	80.4	80.9	81.3	81.3	81.4	81.5	81.6	81.6
≥ 900	70.7	75.6	75.9	76.6	78.2	78.4	79.6	80.8	81.0	81.4	81.9	81.9	82.0	82.1	82.2	82.2
≥ 800	71.1	76.8	77.2	78.0	79.5	79.8	81.0	82.1	82.3	82.8	83.2	83.2	83.3	83.4	83.5	83.5
≥ 700	71.4	77.3	77.8	78.6	80.2	80.4	81.9	83.0	83.2	83.6	84.2	84.2	84.3	84.4	84.5	84.5
≥ 600	71.6	77.9	78.4	79.3	80.9	81.1	82.6	84.1	84.3	84.8	85.4	85.4	85.5	85.7	85.8	85.8
≥ 500	72.1	78.4	79.1	80.1	81.8	82.2	83.8	86.0	86.3	86.8	87.4	87.4	87.8	87.9	88.0	88.0
≥ 400	72.1	78.8	79.4	80.4	82.1	82.6	84.6	87.3	88.1	88.8	89.4	89.4	89.9	90.0	90.2	90.2
≥ 300	72.6	79.6	80.4	81.6	83.5	84.1	86.5	90.0	91.0	92.0	92.7	92.8	93.2	93.3	93.9	94.0
≥ 200	72.6	79.6	80.4	81.8	83.8	84.3	86.9	90.4	91.5	93.1	94.3	94.4	95.1	95.6	96.8	97.6
≥ 100	72.6	79.6	80.4	81.8	83.8	84.3	86.9	90.5	91.7	93.2	94.9	95.0	95.9	96.3	97.7	100.0
≥ 0	72.6	79.6	80.4	81.8	83.8	84.3	86.9	90.5	91.7	93.2	94.9	95.0	95.9	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 899

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	35.2	36.4	36.7	37.0	37.4	37.7	37.9	38.4	38.4	39.0	39.2	39.2	39.6	39.6	40.1	40.1
≥ 20000	38.4	39.2	39.4	39.8	40.2	40.4	40.7	41.2	41.2	41.9	42.1	42.1	42.4	42.4	43.0	43.0
≥ 18000	39.6	40.3	40.6	40.9	41.3	41.6	41.8	42.3	42.3	43.0	43.2	43.2	43.6	43.6	44.1	44.1
≥ 16000	40.0	40.8	41.1	41.3	41.8	42.0	42.2	42.8	42.8	43.4	43.7	43.7	44.0	44.0	44.6	44.6
≥ 14000	41.1	41.9	42.1	42.4	43.0	43.2	43.4	44.0	44.0	44.7	44.9	44.9	45.3	45.3	45.9	45.9
≥ 12000	42.7	43.4	43.7	44.0	44.6	44.8	45.0	45.6	45.6	46.3	46.6	46.6	47.0	47.0	47.6	47.6
≥ 10000	47.2	48.1	48.3	48.7	49.2	49.4	49.7	50.2	50.2	51.0	51.2	51.2	51.7	51.7	52.2	52.2
≥ 9000	48.3	49.3	49.7	50.0	50.7	50.9	51.1	51.7	51.7	52.4	52.7	52.7	53.1	53.1	53.7	53.7
≥ 8000	49.9	50.9	51.2	51.6	52.2	52.4	52.7	53.4	53.4	54.3	54.6	54.6	55.0	55.0	55.6	55.6
≥ 7000	53.6	54.6	54.9	55.3	56.1	56.4	56.9	57.7	57.7	58.6	58.8	58.8	59.2	59.2	59.8	59.8
≥ 6000	55.4	56.9	57.2	57.7	58.4	58.8	59.2	60.0	60.0	60.9	61.1	61.1	61.6	61.6	62.1	62.1
≥ 5000	56.4	60.7	61.0	61.4	62.2	62.6	63.0	63.8	63.8	64.8	65.1	65.1	65.6	65.6	66.2	66.2
≥ 4500	61.3	63.6	64.1	64.6	65.3	65.7	66.1	66.9	66.9	67.9	68.2	68.2	68.7	68.7	69.3	69.3
≥ 4000	62.8	65.7	66.2	66.7	67.4	67.8	68.2	69.0	69.0	70.0	70.3	70.3	70.8	70.8	71.4	71.4
≥ 3500	63.7	66.6	67.1	67.6	68.4	68.8	69.2	70.0	70.0	71.0	71.3	71.3	71.8	71.8	72.4	72.4
≥ 3000	64.6	68.0	68.6	69.0	69.9	70.2	70.7	71.4	71.4	72.4	72.8	72.8	73.2	73.2	73.9	73.9
≥ 2500	66.0	69.9	70.6	71.0	71.9	72.2	72.7	73.4	73.4	74.5	74.9	75.0	75.4	75.4	76.1	76.1
≥ 2000	67.6	71.7	72.3	72.8	73.8	74.6	75.0	76.0	76.0	77.1	77.4	77.6	78.0	78.0	78.7	78.7
≥ 1800	68.0	72.2	72.9	73.3	74.3	75.1	75.6	76.6	76.6	77.7	78.0	78.1	78.6	78.6	79.2	79.2
≥ 1500	68.3	72.8	73.4	73.9	74.9	75.7	76.1	77.1	77.1	78.3	78.7	78.8	79.2	79.2	79.9	79.9
≥ 1200	68.8	74.1	74.8	75.2	76.2	77.0	77.4	78.4	78.4	79.8	80.1	80.2	80.7	80.7	81.3	81.3
≥ 1000	69.1	74.6	75.3	75.8	76.8	77.6	78.0	79.0	79.1	80.4	80.8	80.9	81.3	81.3	82.0	82.0
≥ 900	69.1	74.6	75.4	75.9	76.9	77.8	78.3	79.3	79.4	80.8	81.1	81.2	81.7	81.7	82.3	82.3
≥ 800	69.1	74.7	75.6	76.0	77.1	78.0	78.7	79.7	79.8	81.1	81.4	81.6	82.0	82.0	82.7	82.7
≥ 700	69.4	75.2	76.1	76.6	77.9	78.8	79.6	80.6	80.7	82.0	82.3	82.4	82.9	82.9	83.6	83.6
≥ 600	69.7	75.9	76.8	77.3	78.7	79.7	80.6	81.8	81.9	83.2	83.6	83.8	84.2	84.2	84.9	84.9
≥ 500	69.9	77.1	78.3	79.0	80.6	81.6	82.4	84.2	84.3	85.7	86.1	86.4	86.9	86.9	87.6	87.6
≥ 400	70.4	78.0	79.2	80.1	81.8	82.8	84.0	85.8	86.1	87.4	87.9	88.2	88.7	88.7	89.4	89.4
≥ 300	70.8	78.7	79.9	81.2	83.2	84.2	85.8	88.1	88.7	90.4	91.0	91.6	92.1	92.4	93.3	93.3
≥ 200	71.2	79.2	80.4	81.9	83.9	85.0	86.6	89.6	90.2	92.3	93.6	94.1	95.4	96.1	97.6	98.7
≥ 100	71.2	79.2	80.4	81.9	83.9	85.0	86.6	89.6	90.3	92.4	93.7	94.2	95.7	96.3	98.0	100.0
≥ 0	71.2	79.2	80.4	81.9	83.9	85.0	86.6	89.6	90.3	92.4	93.7	94.2	95.7	96.3	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

ALL HOURS LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	30.2	30.9	31.2	31.4	31.8	31.8	32.1	32.4	32.5	32.7	32.9	32.9	33.2	33.3	33.9	34.7
≥ 20000	33.6	34.3	34.6	34.9	35.3	35.3	35.6	35.9	36.1	36.2	36.5	36.5	36.8	36.9	37.5	38.3
≥ 18000	34.3	35.1	35.4	35.6	36.0	36.1	36.4	36.7	36.8	37.0	37.2	37.2	37.5	37.7	38.2	39.1
≥ 16000	34.7	35.5	35.9	36.1	36.5	36.6	36.8	37.1	37.2	37.5	37.7	37.7	38.0	38.1	38.7	39.5
≥ 14000	36.1	36.8	37.2	37.4	37.9	37.9	38.2	38.5	38.6	38.8	39.1	39.1	39.4	39.5	40.1	40.9
≥ 12000	38.6	39.5	39.9	40.1	40.6	40.6	40.9	41.2	41.3	41.5	41.8	41.8	42.1	42.2	42.8	43.6
≥ 10000	41.8	43.1	43.3	43.6	44.0	44.1	44.4	44.8	44.9	45.1	45.3	45.4	45.7	45.8	46.4	47.2
≥ 9000	43.7	44.9	45.3	45.6	46.1	46.1	46.4	46.8	46.9	47.1	47.4	47.5	47.8	47.9	48.5	49.3
≥ 8000	46.3	47.6	48.1	48.3	48.8	48.9	49.2	49.6	49.7	50.0	50.3	50.3	50.6	50.8	51.4	52.2
≥ 7000	49.2	50.7	51.1	51.4	52.0	52.1	52.4	52.9	53.0	53.3	53.7	53.7	54.1	54.2	54.8	55.6
≥ 6000	50.9	52.6	53.1	53.3	54.0	54.1	54.4	54.9	55.0	55.3	55.7	55.7	56.1	56.2	56.8	57.6
≥ 5000	53.3	55.5	55.9	56.3	56.9	57.0	57.3	57.8	58.0	58.3	58.7	58.8	59.1	59.3	59.9	60.7
≥ 4500	54.8	57.0	57.6	57.9	58.6	58.7	59.0	59.5	59.6	60.0	60.4	60.4	60.8	60.9	61.5	62.4
≥ 4000	56.3	58.8	59.4	59.8	60.4	60.5	60.9	61.4	61.5	61.9	62.3	62.3	62.7	62.9	63.4	64.3
≥ 3500	57.2	59.8	60.5	60.9	61.7	61.8	62.1	62.7	62.8	63.1	63.6	63.6	64.0	64.1	64.7	65.5
≥ 3000	58.6	61.7	62.3	63.0	63.8	64.0	64.3	64.8	65.0	65.3	65.8	65.8	66.2	66.4	67.0	67.8
≥ 2500	60.0	63.6	64.5	65.0	66.0	66.1	66.5	67.1	67.2	67.6	68.1	68.1	68.5	68.7	69.3	70.1
≥ 2000	61.2	65.1	65.9	66.5	67.6	67.8	68.3	68.9	69.0	69.4	69.9	69.9	70.3	70.5	71.1	71.9
≥ 1800	61.5	65.5	66.3	67.0	68.1	68.3	68.8	69.4	69.5	69.9	70.4	70.5	70.9	71.0	71.6	72.5
≥ 1500	62.1	66.3	67.2	67.9	69.0	69.3	69.8	70.4	70.6	71.0	71.5	71.6	72.0	72.1	72.8	73.6
≥ 1200	62.6	67.4	68.4	69.1	70.3	70.6	71.2	71.8	72.0	72.5	73.0	73.0	73.4	73.6	74.2	75.0
≥ 1000	63.4	68.5	69.6	70.4	71.7	72.0	72.7	73.4	73.5	74.1	74.6	74.7	75.0	75.2	75.8	76.7
≥ 900	63.7	68.9	70.2	71.0	72.5	72.7	73.5	74.2	74.3	74.9	75.4	75.5	75.8	76.0	76.6	77.5
≥ 800	64.0	69.7	71.0	71.9	73.5	73.8	74.6	75.3	75.5	76.1	76.6	76.7	77.1	77.2	77.9	78.7
≥ 700	64.3	70.3	71.7	72.6	74.3	74.6	75.5	76.3	76.5	77.1	77.6	77.7	78.1	78.2	78.9	79.7
≥ 600	64.6	71.1	72.6	73.5	75.3	75.7	76.7	77.6	77.9	78.6	79.1	79.2	79.7	79.8	80.5	81.3
≥ 500	65.2	72.1	73.9	75.1	77.3	77.8	79.0	80.3	80.6	81.6	82.4	82.6	83.1	83.3	84.0	84.8
≥ 400	65.3	72.9	74.8	76.2	78.9	79.5	80.9	82.5	83.0	84.4	85.3	85.6	86.2	86.5	87.3	88.1
≥ 300	65.5	73.4	75.4	77.0	80.1	80.8	82.8	85.0	85.9	87.9	89.4	89.6	90.5	90.9	92.0	93.2
≥ 200	65.5	73.5	75.5	77.2	80.4	81.2	83.2	85.9	86.8	89.4	91.3	91.7	93.0	93.9	95.8	97.9
≥ 100	65.5	73.5	75.5	77.3	80.4	81.2	83.2	85.9	86.9	89.5	91.5	91.8	93.3	94.2	96.3	99.8
≥ 0	65.5	73.5	75.5	77.3	80.4	81.2	83.2	85.9	86.9	89.5	91.5	91.8	93.3	94.2	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

5406

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.1	26.7	26.9	27.3	27.7	27.7	28.2	28.3	28.6	29.4	29.9	29.9	30.5	30.8	32.0	32.3
≥ 20000	28.7	29.2	29.5	29.9	30.3	30.3	30.8	30.9	31.2	31.9	32.5	32.5	33.1	33.3	34.6	34.8
≥ 18000	28.7	29.2	29.5	29.9	30.3	30.3	30.8	30.9	31.2	31.9	32.5	32.5	33.1	33.3	34.6	34.8
≥ 16000	28.9	29.5	29.7	30.1	30.5	30.5	31.0	31.1	31.4	32.2	32.7	32.7	33.3	33.5	34.8	35.1
≥ 14000	30.0	30.5	30.9	31.2	31.6	31.6	32.0	32.2	32.5	33.2	33.8	33.8	34.4	34.6	35.9	36.1
≥ 12000	32.5	33.1	33.3	33.8	34.2	34.2	34.6	34.7	35.1	35.8	36.3	36.3	37.0	37.2	38.6	38.8
≥ 10000	34.6	35.3	35.5	35.9	36.3	36.3	36.8	36.9	37.2	38.0	38.5	38.5	39.1	39.4	40.8	41.0
≥ 9000	35.4	36.3	36.6	37.0	37.4	37.4	37.8	38.0	38.3	39.0	39.6	39.6	40.3	40.5	41.9	42.2
≥ 8000	39.4	40.3	40.5	41.0	41.4	41.4	41.8	41.9	42.3	43.0	43.7	43.7	44.4	44.7	46.1	46.3
≥ 7000	42.7	43.7	43.9	44.3	44.9	44.9	45.4	45.5	45.8	46.6	47.3	47.3	48.1	48.4	49.8	50.0
≥ 6000	44.8	45.8	46.1	46.6	47.2	47.2	47.6	48.0	48.3	49.1	49.9	49.9	50.6	51.0	52.4	52.6
≥ 5000	46.2	47.2	47.5	48.0	48.8	48.8	49.2	49.6	49.9	50.8	51.5	51.5	52.3	52.6	54.0	54.2
≥ 4500	46.8	47.7	48.1	48.5	49.6	49.6	50.0	50.3	50.6	51.5	52.3	52.3	53.0	53.3	54.7	54.9
≥ 4000	48.8	49.8	50.1	50.5	51.6	51.6	52.2	52.7	53.0	53.9	54.6	54.6	55.4	55.7	57.1	57.3
≥ 3500	50.2	51.4	51.7	52.2	53.2	53.2	53.8	54.3	54.6	55.5	56.2	56.2	57.0	57.3	58.7	58.9
≥ 3000	51.7	53.2	53.7	54.3	55.5	55.5	56.0	56.6	56.9	57.7	58.5	58.5	59.2	59.6	61.0	61.2
≥ 2500	52.6	54.2	54.6	55.3	56.6	56.6	57.1	57.7	58.1	58.9	59.7	59.7	60.4	60.8	62.2	62.4
≥ 2000	53.1	54.8	55.3	55.9	57.5	57.5	58.1	58.7	59.0	59.9	60.6	60.6	61.4	61.7	63.1	63.3
≥ 1800	53.9	55.4	55.8	56.5	58.1	58.1	58.6	59.2	59.6	60.4	61.2	61.2	61.9	62.3	63.7	63.9
≥ 1500	54.0	56.6	57.3	57.6	59.4	59.4	59.9	60.5	61.0	61.8	62.6	62.6	63.3	63.7	65.1	65.3
≥ 1200	54.6	57.3	57.8	58.5	60.2	60.2	60.8	61.4	61.9	62.9	63.7	63.7	64.4	64.7	66.1	66.3
≥ 1000	55.7	59.0	59.7	60.3	62.3	62.4	63.0	63.7	64.2	65.2	65.9	65.9	66.7	67.0	68.4	68.6
≥ 900	56.2	59.9	60.8	61.4	63.4	63.5	64.5	65.2	65.7	66.7	67.4	67.4	68.2	68.5	69.9	70.1
≥ 800	56.8	60.8	61.7	62.4	65.1	65.2	66.1	66.9	67.5	68.7	69.5	69.5	70.2	70.5	71.9	72.2
≥ 700	57.4	61.5	62.6	63.3	66.1	66.2	67.3	68.2	68.8	70.0	70.8	70.8	71.5	71.8	73.2	73.4
≥ 600	58.0	62.4	63.7	64.4	67.3	67.4	68.6	69.6	70.2	71.8	72.6	72.6	73.4	73.8	75.2	75.4
≥ 500	59.1	64.3	65.7	66.5	69.6	69.8	71.4	72.9	73.8	75.8	76.7	76.7	77.7	78.1	79.8	80.1
≥ 400	59.4	65.6	67.1	67.8	71.3	71.5	73.5	75.4	76.3	78.5	79.5	79.5	80.6	81.2	83.1	83.5
≥ 300	59.4	66.7	68.3	69.1	72.9	73.4	75.9	78.3	79.6	82.3	84.2	84.2	85.8	86.7	89.5	90.1
≥ 200	59.5	67.0	68.6	69.6	73.4	74.0	76.8	79.6	80.9	84.5	87.5	87.5	90.6	91.9	96.1	97.4
≥ 100	59.5	67.0	68.6	69.6	73.4	74.0	76.8	79.6	81.0	84.7	87.8	88.1	91.3	92.6	97.6	99.8
≥ 0	59.5	67.0	68.6	69.6	73.4	74.0	76.8	79.6	81.0	84.7	87.8	88.1	91.3	92.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	23.3	24.5	24.9	25.1	25.3	25.5	25.9	26.3	26.6	26.7	27.0	27.0	27.3	27.4	27.8	28.1
≥ 20000	25.7	26.5	26.9	27.1	27.2	27.4	27.8	28.3	28.5	28.6	28.9	28.9	29.2	29.4	29.8	30.0
≥ 18000	26.1	26.9	27.2	27.3	27.5	27.7	28.2	28.6	28.8	28.9	29.2	29.2	29.6	29.8	30.2	30.4
≥ 16000	26.2	27.0	27.4	27.5	27.7	28.0	28.4	28.8	29.0	29.1	29.5	29.5	29.8	30.0	30.4	30.6
≥ 14000	27.3	28.2	28.6	28.7	28.9	29.1	29.6	30.0	30.2	30.3	30.6	30.6	31.0	31.2	31.6	31.8
≥ 12000	28.3	29.7	30.1	30.2	30.4	30.6	31.1	31.5	31.7	31.8	32.2	32.2	32.5	32.7	33.1	33.4
≥ 10000	30.4	31.3	31.7	31.8	32.0	32.3	32.9	33.3	33.5	33.7	34.0	34.0	34.3	34.5	34.9	35.3
≥ 9000	31.3	32.2	32.6	32.7	32.9	33.2	34.0	34.4	34.6	34.7	35.1	35.1	35.4	35.6	36.0	36.5
≥ 8000	33.9	34.7	35.2	35.3	35.6	35.9	36.7	37.1	37.3	37.4	37.7	37.7	38.2	38.5	39.2	39.8
≥ 7000	37.8	38.9	39.4	39.6	40.2	40.5	41.3	41.7	42.0	42.2	42.5	42.5	42.9	43.2	44.0	44.5
≥ 6000	40.1	41.2	41.6	41.8	42.7	43.0	43.8	44.4	44.7	44.8	45.2	45.2	45.6	45.9	46.7	47.2
≥ 5000	43.2	44.4	44.8	45.1	46.0	46.3	47.1	47.7	48.1	48.2	48.5	48.5	48.9	49.2	50.0	50.5
≥ 4500	44.1	45.6	46.3	46.6	47.5	47.8	48.6	49.2	49.6	49.7	50.0	50.0	50.4	50.8	51.5	52.0
≥ 4000	45.7	47.4	48.2	48.5	49.5	49.8	50.6	51.3	51.6	51.7	52.0	52.0	52.5	52.8	53.5	54.1
≥ 3500	46.7	48.5	49.2	49.7	50.6	51.1	51.9	52.6	52.9	53.0	53.3	53.3	53.8	54.1	54.8	55.4
≥ 3000	49.2	50.3	51.3	51.7	52.8	53.2	54.1	54.7	55.1	55.2	55.5	55.5	55.9	56.3	57.1	57.6
≥ 2500	49.7	52.0	53.1	53.5	54.6	55.1	55.9	56.7	57.0	57.1	57.4	57.4	57.8	58.3	59.0	59.6
≥ 2000	49.9	52.3	53.3	53.8	54.8	55.3	56.1	56.9	57.2	57.4	57.7	57.7	58.2	58.6	59.4	59.9
≥ 1800	50.1	52.6	53.7	54.1	55.2	55.6	56.5	57.2	57.5	57.7	58.1	58.1	58.5	58.9	59.7	60.2
≥ 1500	50.6	53.7	54.8	55.4	56.5	56.9	57.8	58.6	58.9	59.1	59.5	59.5	59.9	60.3	61.1	61.6
≥ 1200	51.7	55.1	56.2	56.8	57.8	58.3	59.5	60.3	60.6	60.9	61.2	61.2	61.6	62.0	62.8	63.3
≥ 1000	53.4	57.0	58.3	58.8	60.2	60.6	61.9	62.8	63.1	63.3	63.7	63.7	64.1	64.5	65.3	65.8
≥ 900	53.7	58.1	59.4	59.9	61.3	61.8	63.5	64.4	64.7	64.9	65.3	65.3	65.7	66.1	66.9	67.4
≥ 800	54.7	59.7	61.1	61.6	63.5	64.1	65.9	66.8	67.1	67.3	67.6	67.6	68.1	68.5	69.2	69.8
≥ 700	55.6	60.9	62.3	62.8	64.8	65.4	67.3	68.3	68.7	68.9	69.2	69.2	69.7	70.1	70.9	71.4
≥ 600	55.9	61.4	63.1	63.7	66.1	66.8	68.9	70.1	70.6	71.4	71.7	71.7	72.2	72.6	73.3	73.9
≥ 500	56.7	64.0	66.0	66.6	69.2	69.9	72.5	73.9	74.6	75.4	75.8	75.8	76.2	76.7	77.4	78.0
≥ 400	57.2	65.2	67.2	67.8	70.9	71.5	74.1	75.7	76.9	77.7	78.2	78.2	78.9	79.4	80.2	81.3
≥ 300	57.3	66.0	68.3	68.9	72.2	72.9	75.6	77.7	79.6	81.4	82.5	82.6	83.4	84.4	86.2	87.6
≥ 200	57.4	66.3	68.6	69.2	73.5	74.3	77.2	79.6	81.6	84.0	85.9	86.0	88.0	89.4	93.4	96.0
≥ 100	57.4	66.3	68.6	69.2	73.7	74.4	77.4	79.8	81.8	84.3	86.3	86.5	88.4	90.1	94.4	99.7
≥ 0	57.4	66.3	68.6	69.2	73.7	74.4	77.4	79.8	81.8	84.3	86.3	86.5	88.4	90.1	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24234 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	≥0
NO CEILING	22.0	23.4	23.7	23.8	24.1	24.1	24.2	24.4	24.6	25.1	25.2	25.3	25.6	25.7	26.3	26.6
≥ 20000	24.2	25.6	25.8	25.9	26.2	26.2	26.3	26.6	26.8	27.2	27.3	27.4	27.7	28.3	28.6	28.9
≥ 18000	24.5	25.9	26.1	26.2	26.6	26.6	26.7	26.9	27.1	27.5	27.6	27.7	28.1	28.3	28.9	29.2
≥ 16000	24.6	26.1	26.2	26.3	26.8	26.8	26.9	27.1	27.3	27.7	27.8	28.0	28.3	28.5	29.1	29.5
≥ 14000	25.2	26.7	26.9	27.0	27.4	27.4	27.5	27.7	28.0	28.4	28.5	28.6	28.9	29.1	29.9	30.2
≥ 12000	26.3	28.0	28.2	26.3	28.7	28.7	28.8	29.0	29.2	29.7	29.8	29.9	30.2	30.4	31.2	31.5
≥ 10000	29.5	31.1	31.3	31.5	32.0	32.0	32.3	32.6	32.8	33.2	33.3	33.4	33.8	34.0	34.7	35.1
≥ 9000	30.4	32.0	32.3	32.5	33.0	33.0	33.3	33.8	34.0	34.4	34.5	34.6	34.9	35.2	35.9	36.2
≥ 8000	32.6	34.3	34.6	34.8	35.4	35.4	35.7	36.1	36.3	36.9	37.0	37.1	37.4	37.6	38.4	38.7
≥ 7000	35.3	37.1	37.4	37.6	38.3	38.3	38.6	39.0	39.2	39.6	40.0	40.1	40.4	40.6	41.4	41.7
≥ 6000	37.1	38.9	39.4	39.6	40.3	40.3	40.8	41.2	41.4	41.9	42.2	42.3	42.6	42.8	43.5	43.9
≥ 5000	39.7	41.6	42.0	42.3	43.0	43.0	43.4	44.0	44.4	44.9	45.2	45.3	45.6	45.8	46.6	46.9
≥ 4500	41.5	43.7	44.3	44.6	45.7	45.7	46.1	46.7	47.1	47.6	47.8	48.0	48.3	48.5	49.2	49.6
≥ 4000	42.9	45.2	45.8	46.1	47.2	47.3	48.0	48.5	48.9	49.5	49.7	49.8	50.1	50.3	51.1	51.4
≥ 3500	43.8	46.1	46.8	47.2	48.3	48.4	49.1	49.7	50.1	50.6	50.9	51.0	51.3	51.5	52.3	52.6
≥ 3000	45.6	47.8	48.6	49.0	50.1	50.3	51.2	51.7	52.3	52.9	53.1	53.2	53.5	53.8	54.5	54.8
≥ 2500	46.9	49.4	50.2	51.0	52.0	52.3	53.1	53.7	54.2	54.8	55.1	55.2	55.6	55.8	56.6	56.9
≥ 2000	47.7	50.4	51.3	52.0	53.1	53.3	54.2	54.9	55.5	56.2	56.5	56.6	57.0	57.3	58.3	58.6
≥ 1800	47.7	50.9	51.7	52.5	53.5	53.8	54.6	55.4	56.0	56.8	57.0	57.1	57.5	57.8	58.8	59.1
≥ 1500	48.2	51.6	52.5	53.3	54.4	54.6	55.5	56.2	56.9	57.6	57.8	58.0	58.4	58.7	59.7	60.0
≥ 1200	49.0	52.5	53.4	54.3	55.5	55.7	56.6	57.3	58.0	58.7	58.9	59.0	59.5	59.8	60.8	61.1
≥ 1000	50.0	54.1	55.2	56.1	57.5	57.8	58.8	59.7	60.4	61.2	61.4	61.5	61.9	62.3	63.2	63.5
≥ 900	50.5	55.2	56.2	57.3	58.9	59.2	60.5	61.5	62.3	63.1	63.3	63.4	63.9	64.2	65.2	65.5
≥ 800	50.8	55.6	56.8	57.8	59.5	59.9	61.4	62.4	63.1	64.4	64.6	64.7	65.2	65.5	66.5	66.8
≥ 700	51.6	56.7	58.1	59.0	60.6	61.1	62.7	63.9	64.7	66.1	66.3	66.5	67.0	67.3	68.3	68.6
≥ 600	52.1	57.4	58.8	59.9	62.0	62.5	64.3	65.7	66.7	68.5	68.7	68.8	69.5	69.8	70.8	71.2
≥ 500	52.8	59.1	61.5	62.3	64.7	65.2	67.3	69.2	70.5	72.5	73.0	73.1	74.0	74.3	75.4	75.8
≥ 400	53.4	60.4	62.5	64.1	67.1	67.6	69.9	72.2	73.5	75.8	76.6	76.7	77.8	78.4	80.2	81.0
≥ 300	53.4	60.8	63.1	65.2	69.0	69.7	72.9	75.3	76.9	80.0	81.6	81.8	83.4	84.3	87.0	88.4
≥ 200	53.5	61.2	63.8	66.0	70.1	70.8	74.1	77.0	78.6	82.6	84.7	85.1	88.2	89.8	94.3	97.0
≥ 100	53.5	61.2	63.8	66.0	70.1	70.8	74.2	77.1	78.7	82.7	84.9	85.3	88.6	90.4	95.5	100.0
≥ 0	53.5	61.2	63.8	66.0	70.1	70.8	74.2	77.1	78.7	82.7	84.9	85.3	88.6	90.4	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM AM 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24,134 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥5/16	≥0	0
NO CEILING	21.6	22.9	23.4	25.7	24.2	24.4	24.5	24.9	24.9	25.6	25.9	26.2	26.5	26.6	27.1	27.6
≥ 20000	24.4	25.7	26.3	26.6	27.2	27.6	27.7	28.2	28.3	28.9	29.2	29.6	29.9	30.0	30.5	31.2
≥ 18000	25.5	26.9	27.5	27.7	28.4	28.8	28.9	29.4	29.5	30.1	30.4	30.8	31.1	31.2	31.7	32.4
≥ 16000	25.5	26.9	27.5	27.8	28.5	28.9	29.0	29.5	29.6	30.2	30.5	30.9	31.2	31.3	31.8	32.5
≥ 14000	27.1	28.4	29.1	29.5	30.1	30.6	30.8	31.2	31.3	31.9	32.3	32.6	32.9	33.0	33.5	34.2
≥ 12000	28.6	30.1	30.8	31.1	31.7	32.3	32.4	32.8	32.9	33.5	33.9	34.2	34.5	34.6	35.3	35.9
≥ 10000	32.7	34.1	34.8	35.2	35.9	36.5	36.6	37.0	37.1	37.7	38.1	38.4	38.7	38.8	39.5	40.1
≥ 9000	33.5	35.1	35.8	36.1	37.3	37.5	37.8	38.3	38.4	39.0	39.4	39.7	40.0	40.1	40.8	41.4
≥ 8000	35.9	37.5	38.3	38.6	39.6	40.1	40.4	40.9	41.0	41.6	41.9	42.3	42.6	42.7	43.3	44.0
≥ 7000	38.8	40.4	41.2	41.5	42.5	43.0	43.3	43.8	43.9	44.5	44.8	45.2	45.5	45.6	46.2	46.9
≥ 6000	40.5	42.4	43.1	43.4	44.5	45.1	45.4	45.8	45.9	46.6	46.9	47.2	47.5	47.6	48.3	48.9
≥ 5000	43.0	44.9	45.7	46.0	47.1	47.6	48.0	48.4	48.5	49.1	49.5	49.8	50.1	50.2	50.9	51.5
≥ 4500	43.9	46.0	46.9	47.3	48.6	49.1	49.5	49.9	50.0	50.6	51.0	51.3	51.6	51.7	52.4	53.0
≥ 4000	45.6	48.2	49.0	49.6	51.0	51.5	51.8	52.3	52.4	53.0	53.3	53.7	54.0	54.1	54.7	55.4
≥ 3500	46.5	49.4	50.5	51.3	52.7	53.3	53.7	54.1	54.2	54.8	55.2	55.5	55.8	55.9	56.6	57.2
≥ 3000	47.7	50.8	52.3	53.3	54.9	55.6	56.0	56.6	56.7	57.3	57.6	58.3	58.3	58.4	59.0	59.7
≥ 2500	48.8	52.4	54.1	55.5	57.4	58.2	58.7	59.2	59.4	60.0	60.3	60.6	61.0	61.1	61.7	62.4
≥ 2000	50.1	54.1	55.9	57.4	59.5	60.3	60.9	61.4	61.5	62.4	62.7	63.0	63.3	63.4	64.1	64.8
≥ 1800	50.4	54.4	56.8	58.1	60.1	61.0	61.6	62.2	62.4	63.1	63.4	63.8	64.1	64.2	64.8	65.6
≥ 1500	51.2	55.3	57.5	59.0	61.4	62.3	63.1	63.7	63.9	64.7	65.1	65.4	65.7	65.8	66.5	67.2
≥ 1200	51.7	56.3	58.7	60.5	62.9	63.8	64.7	65.3	65.5	66.3	66.7	67.0	67.3	67.4	68.1	68.8
≥ 1000	52.3	57.1	59.7	61.5	64.2	65.1	66.1	66.7	66.9	67.8	68.2	68.5	68.8	68.9	69.6	70.3
≥ 900	52.8	57.6	60.2	62.3	65.2	66.1	67.2	67.8	68.1	69.1	69.5	69.8	70.1	70.2	70.9	71.6
≥ 800	52.9	57.8	60.4	62.6	65.6	66.6	67.7	68.5	68.8	70.1	70.5	70.9	71.3	71.4	72.2	72.9
≥ 700	53.2	58.5	61.1	63.5	66.7	68.0	69.4	70.1	70.4	71.8	72.3	72.6	73.0	73.1	73.9	74.6
≥ 600	53.5	59.1	61.8	64.4	68.2	69.5	70.9	71.7	72.3	74.0	74.4	74.7	75.3	75.4	76.1	76.9
≥ 500	54.0	59.8	62.6	65.8	70.0	71.5	73.3	74.4	75.2	77.4	78.5	78.8	79.5	79.7	80.5	81.4
≥ 400	54.1	60.2	63.3	66.7	71.7	73.5	75.6	76.8	77.8	80.2	81.9	82.3	83.4	83.8	84.7	85.6
≥ 300	54.1	60.4	63.7	67.3	72.7	74.8	77.5	78.9	80.5	83.4	86.5	86.9	89.1	89.9	91.2	92.8
≥ 200	54.1	60.4	64.1	67.6	73.4	75.3	78.2	79.6	81.3	84.5	88.1	88.5	91.7	93.0	95.4	98.0
≥ 100	54.1	60.4	64.1	67.6	73.1	75.3	78.2	79.6	81.3	84.5	88.1	88.5	92.0	93.3	96.3	99.9
≥ 0	54.1	60.4	64.1	67.6	73.1	75.3	78.2	79.6	81.3	84.5	88.1	88.5	92.0	93.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

5408

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	25.1	26.3	26.6	26.7	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	28.0	28.3
≥ 20000	28.5	30.1	30.3	30.4	31.1	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.6	31.6	32.3	32.6
≥ 18000	29.8	31.5	31.8	31.9	32.6	32.6	32.9	33.0	33.0	33.0	33.0	33.0	33.2	33.2	33.9	34.2
≥ 16000	29.9	31.6	31.9	32.0	32.7	32.7	33.0	33.1	33.1	33.1	33.1	33.1	33.3	33.3	34.0	34.3
≥ 14000	32.2	34.1	34.3	34.4	35.3	35.3	35.6	35.8	35.8	35.8	35.8	35.8	36.0	36.0	36.7	37.0
≥ 12000	34.9	36.9	37.4	37.5	38.5	38.5	38.8	39.0	39.0	39.1	39.1	39.1	39.4	39.5	40.2	40.5
≥ 10000	37.4	39.6	40.2	40.3	41.3	41.3	41.6	41.8	41.8	42.0	42.0	42.0	42.3	42.4	43.1	43.4
≥ 9000	38.4	40.5	41.2	41.3	42.5	42.3	42.8	43.0	43.0	43.2	43.2	43.2	43.4	43.5	44.3	44.6
≥ 8000	41.3	43.4	44.1	44.2	45.4	45.4	45.7	45.9	45.9	46.1	46.1	46.1	46.3	46.5	47.2	47.6
≥ 7000	44.4	46.7	47.3	47.4	48.7	48.7	49.0	49.2	49.2	49.5	49.5	49.5	49.7	49.8	50.5	51.0
≥ 6000	46.0	48.4	49.0	49.1	50.4	50.4	50.8	51.0	51.0	51.2	51.2	51.2	51.4	51.5	52.3	52.7
≥ 5000	49.1	51.8	52.6	52.8	54.2	54.2	54.5	54.7	54.7	54.9	54.9	54.9	55.2	55.3	56.1	56.6
≥ 4500	50.1	52.8	53.5	53.8	55.2	55.2	55.5	55.7	55.7	55.9	55.9	55.9	56.1	56.2	57.1	57.5
≥ 4000	50.9	54.1	54.8	55.1	56.7	56.8	57.1	57.3	57.3	57.5	57.5	57.5	57.7	57.8	58.7	59.1
≥ 3500	51.4	55.1	55.8	56.1	58.0	58.1	58.4	58.6	58.6	58.8	58.8	58.8	59.0	59.1	60.0	60.4
≥ 3000	53.9	57.8	58.6	59.4	61.6	61.7	62.6	62.9	63.0	63.2	63.2	63.2	63.4	63.5	64.4	64.8
≥ 2500	55.7	60.3	61.2	62.1	64.5	64.7	65.6	66.0	66.1	66.5	66.5	66.5	66.7	66.8	67.6	68.2
≥ 2000	57.1	62.3	63.3	64.2	67.0	67.2	68.2	68.8	68.9	69.2	69.2	69.2	69.5	69.7	70.5	71.1
≥ 1800	57.3	62.5	63.5	64.4	67.2	67.4	68.4	69.0	69.1	69.5	69.5	69.5	69.7	69.9	70.8	71.3
≥ 1500	57.8	63.1	64.4	65.3	68.2	68.7	69.7	70.3	70.4	70.8	70.8	70.8	71.0	71.2	72.0	72.6
≥ 1200	58.9	64.4	65.9	67.1	70.0	70.5	71.5	72.2	72.3	72.6	72.6	72.6	72.8	73.0	73.9	74.4
≥ 1000	60.0	66.1	67.7	69.1	72.0	72.6	73.8	74.4	74.5	74.8	74.8	74.8	75.1	75.3	76.1	76.7
≥ 900	60.5	66.8	68.6	70.0	73.1	73.9	75.1	75.7	75.8	76.1	76.1	76.1	76.3	76.6	77.4	78.0
≥ 800	61.3	67.8	69.7	71.1	74.5	75.3	76.5	77.1	77.3	77.7	77.7	77.7	78.0	78.2	79.0	79.6
≥ 700	61.6	68.6	70.4	72.3	75.7	76.5	77.6	78.3	78.5	78.9	78.9	78.9	79.1	79.4	80.2	80.8
≥ 600	62.2	69.5	71.5	73.4	77.0	77.8	79.0	79.8	80.0	80.5	80.5	80.5	80.8	81.0	81.8	82.4
≥ 500	62.5	70.3	72.[illegible]	[illegible].8	78.7	79.6	81.2	82.4	82.9	83.8	84.0	84.0	84.2	84.5	85.5	86.0
≥ 400	62.8	71.6	74.[illegible]	[illegible].0	81.4	82.4	84.1	85.3	86.0	87.6	88.1	88.1	88.4	88.8	[illegible].9	90.4
≥ 300	63.1	72.2	75.[illegible]	[illegible].1	83.1	84.3	86.3	87.8	88.8	91.3	92.6	92.6	93.8	94.4	96.1	97.1
≥ 200	63.1	72.2	75.[illegible]	78.3	83.4	84.6	86.7	88.3	89.4	91.9	93.4	93.4	94.9	95.9	97.8	99.2
≥ 100	63.1	72.2	75.3	78.3	83.4	84.6	86.7	88.3	89.4	91.9	93.7	93.7	95.3	96.2	98.5	100.[illegible]
≥ 0	63.1	72.2	75.3	78.3	83.4	84.6	86.7	88.3	89.4	91.9	93.7	93.7	95.3	96.2	98.5	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.6	30.9	30.9	30.9	31.1	31.1	31.1	31.2	31.3	31.3	31.4	31.4	31.5	31.6	31.9	32.0
≥ 20000	32.8	34.2	34.2	34.2	34.5	34.5	34.6	34.8	34.9	34.9	35.1	35.1	35.2	35.3	35.6	35.7
≥ 18000	33.5	34.9	34.9	34.9	35.3	35.4	35.5	35.7	35.8	35.8	35.9	35.9	36.0	36.1	36.5	36.6
≥ 16000	33.8	35.2	35.2	35.2	35.5	35.6	35.7	35.9	36.0	36.0	36.1	36.1	36.2	36.3	36.7	36.8
≥ 14000	35.1	36.6	36.6	36.6	36.9	37.0	37.1	37.3	37.4	37.4	37.5	37.5	37.6	37.7	38.1	38.2
≥ 12000	37.1	38.6	38.6	38.6	38.9	39.0	39.1	39.4	39.6	39.6	39.7	39.7	39.8	39.9	40.3	40.4
≥ 10000	39.9	41.6	41.6	41.6	41.9	42.0	42.2	42.4	42.6	42.6	42.7	42.7	42.8	42.9	43.3	43.4
≥ 9000	41.3	43.0	43.0	43.0	43.3	43.4	43.5	43.8	44.0	44.0	44.1	44.1	44.2	44.3	44.7	44.8
≥ 8000	44.2	46.0	46.0	46.0	46.3	46.5	46.6	46.8	47.0	47.1	47.3	47.3	47.4	47.5	48.1	48.2
≥ 7000	46.8	48.8	48.8	48.8	49.4	49.7	49.8	50.1	50.3	50.4	50.6	50.6	50.8	50.9	51.4	51.5
≥ 6000	47.7	49.8	50.3	50.0	50.5	50.9	51.0	51.3	51.5	51.6	51.8	51.8	51.9	52.0	52.6	52.7
≥ 5000	49.7	52.2	52.5	52.5	53.0	53.3	53.4	53.8	54.0	54.1	54.4	54.4	54.5	54.6	55.2	55.4
≥ 4500	51.3	54.4	54.7	54.7	55.3	55.6	55.8	56.1	56.3	56.5	56.8	56.8	56.9	57.0	57.5	57.7
≥ 4000	53.1	56.8	57.2	57.2	58.0	58.3	58.6	58.9	59.1	59.4	59.8	59.8	59.9	60.0	60.5	60.8
≥ 3500	54.9	58.8	59.2	59.2	60.0	60.3	60.6	61.0	61.2	61.5	61.9	61.9	62.0	62.2	62.7	62.9
≥ 3000	56.9	61.3	61.9	62.0	62.9	63.2	63.7	64.1	64.3	64.6	65.1	65.1	65.2	65.3	65.8	66.0
≥ 2500	59.2	64.1	64.7	65.1	65.9	66.2	66.8	67.2	67.4	67.7	68.2	68.2	68.3	68.4	68.9	69.1
≥ 2000	60.6	65.9	66.7	67.1	68.2	68.5	69.1	69.6	69.8	70.2	70.6	70.6	70.8	70.9	71.4	71.6
≥ 1800	61.0	66.3	67.1	67.5	68.6	68.9	69.6	70.0	70.2	70.6	71.1	71.1	71.2	71.3	71.8	72.0
≥ 1500	61.7	67.2	68.2	68.6	69.8	70.1	70.8	71.3	71.5	71.9	72.4	72.4	72.5	72.6	73.1	73.3
≥ 1200	62.6	68.3	69.2	69.7	71.0	71.3	72.0	72.6	72.8	73.2	73.7	73.7	73.8	73.9	74.4	74.6
≥ 1000	63.5	70.1	71.4	72.3	73.5	74.0	74.7	75.8	76.1	76.6	77.0	77.0	77.1	77.2	77.7	78.0
≥ 900	64.2	71.2	72.5	73.3	74.6	75.1	76.0	77.2	77.5	78.0	78.4	78.4	78.5	78.6	79.1	79.4
≥ 800	64.5	71.8	73.2	74.2	75.6	76.1	77.1	78.5	78.9	79.7	80.1	80.1	80.2	80.3	80.9	81.1
≥ 700	64.9	72.4	73.8	75.1	76.7	77.2	78.2	79.6	80.0	80.8	81.3	81.3	81.4	81.5	82.0	82.3
≥ 600	65.3	73.0	74.6	76.2	78.5	79.0	80.0	81.4	81.8	83.2	84.1	84.1	84.2	84.3	84.8	85.1
≥ 500	65.4	73.3	75.1	76.9	79.4	79.9	81.3	82.8	83.2	84.9	86.0	86.1	86.3	86.5	87.0	87.2
≥ 400	65.6	74.3	76.6	78.7	81.4	81.9	83.3	85.1	85.9	88.1	89.6	89.7	90.1	90.2	90.8	91.0
≥ 300	65.6	74.8	77.2	79.5	82.6	83.4	85.1	86.8	88.0	91.0	93.0	93.1	94.5	94.6	95.8	96.2
≥ 200	65.6	75.1	77.5	79.9	83.3	84.3	85.9	87.7	88.9	92.2	94.5	94.7	96.6	96.9	98.4	99.5
≥ 100	65.6	75.1	77.5	79.9	83.3	84.3	86.0	87.8	89.1	92.4	94.7	94.9	96.9	97.2	98.7	100.0
≥ 0	65.6	75.1	77.5	79.9	83.3	84.3	86.0	87.8	89.1	92.4	94.7	94.9	96.9	97.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5409

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	33.8	34.2	34.2	34.2	34.2	34.3	34.4	34.5	34.5	34.5	34.7	34.7	34.8	34.9	35.4	35.6
≥ 20000	35.7	36.1	36.1	36.1	36.1	36.2	36.3	36.6	36.6	36.6	36.8	36.8	36.9	37.0	37.4	37.6
≥ 18000	36.5	36.9	36.9	36.9	36.9	37.0	37.1	37.3	37.3	37.3	37.5	37.5	37.6	37.7	38.2	38.4
≥ 16000	36.6	37.0	37.1	37.0	37.0	37.1	37.2	37.4	37.4	37.4	37.6	37.6	37.7	37.8	38.3	38.5
≥ 14000	37.5	38.0	38.1	38.0	38.0	38.1	38.2	38.4	38.4	38.4	38.6	38.6	38.7	38.8	39.2	39.5
≥ 12000	39.8	39.5	39.5	39.5	39.5	39.6	39.7	40.0	40.0	40.0	40.2	40.2	40.3	40.4	40.9	41.1
≥ 10000	40.9	41.3	41.6	41.6	41.6	41.7	41.8	42.2	42.2	42.2	42.4	42.4	42.5	42.6	43.0	43.2
≥ 9000	42.0	42.5	42.8	42.8	42.8	42.9	43.0	43.3	43.3	43.3	43.5	43.5	43.7	43.8	44.2	44.4
≥ 8000	45.3	45.7	46.0	46.1	46.1	46.2	46.5	46.9	46.9	46.9	47.1	47.1	47.2	47.3	47.7	48.0
≥ 7000	48.4	48.8	49.2	49.4	49.6	49.7	49.9	50.4	50.5	50.5	50.8	50.8	50.9	51.0	51.4	51.6
≥ 6000	51.0	51.4	51.9	52.0	52.4	52.5	52.7	53.3	53.5	53.5	53.8	53.8	53.9	54.0	54.4	54.6
≥ 5000	53.5	54.0	54.6	54.7	55.1	55.2	55.4	56.0	56.2	56.2	56.5	56.5	56.6	56.7	57.1	57.3
≥ 4500	55.5	56.1	57.1	57.1	57.5	57.6	57.8	58.5	58.7	58.7	59.0	59.0	59.1	59.2	59.7	59.9
≥ 4000	56.7	57.3	58.3	58.4	58.9	59.1	59.4	60.0	60.2	60.3	60.6	60.6	60.9	61.0	61.4	61.6
≥ 3500	57.4	58.3	59.4	59.5	60.0	60.2	60.4	61.1	61.3	61.4	61.7	61.7	61.9	62.0	62.5	62.7
≥ 3000	59.3	60.2	61.4	61.5	62.0	62.3	62.6	63.2	63.4	63.5	63.9	63.9	64.1	64.2	64.6	64.8
≥ 2500	60.5	62.2	63.3	63.4	64.1	64.3	64.6	65.3	65.5	65.6	65.9	65.9	66.1	66.2	66.7	66.9
≥ 2000	61.1	62.9	64.1	64.2	64.8	65.2	65.5	66.1	66.3	66.5	66.8	66.8	67.0	67.1	67.5	67.7
≥ 1800	61.7	63.5	64.7	64.8	65.5	65.8	66.1	66.8	67.0	67.1	67.4	67.4	67.6	67.7	68.2	68.4
≥ 1500	62.2	64.2	65.4	65.5	66.1	66.5	66.8	67.4	67.6	67.7	68.1	68.1	68.3	68.4	68.8	69.0
≥ 1200	63.2	65.6	66.8	66.9	67.6	68.0	68.4	69.2	69.5	69.6	69.9	69.9	70.1	70.2	70.6	70.9
≥ 1000	64.5	67.3	68.5	68.6	69.6	69.9	70.4	71.4	71.7	71.9	72.3	72.3	72.5	72.6	73.0	73.2
≥ 900	65.1	68.1	69.2	69.4	70.3	70.6	71.2	72.2	72.5	72.8	73.1	73.1	73.3	73.4	73.9	74.2
≥ 800	65.5	69.1	70.3	70.8	71.8	72.3	73.1	74.2	74.8	75.2	75.5	75.5	75.7	75.8	76.2	76.5
≥ 700	65.9	70.1	71.3	71.7	72.9	73.3	74.2	75.3	75.9	76.2	76.7	76.7	76.9	77.0	77.4	77.6
≥ 600	66.2	70.6	72.0	72.5	73.9	74.3	75.5	76.7	77.6	78.3	78.7	78.7	79.0	79.1	79.6	79.9
≥ 500	66.9	72.4	73.9	74.3	75.9	76.6	78.1	79.7	80.8	81.7	82.4	82.5	82.8	82.9	83.3	83.7
≥ 400	67.5	74.0	75.6	76.0	77.8	78.5	80.2	83.0	84.4	86.7	88.1	88.4	89.1	89.4	89.9	90.2
≥ 300	67.7	74.8	76.6	77.0	78.8	79.5	81.5	84.4	86.2	89.5	91.3	91.8	92.9	93.2	94.0	94.4
≥ 200	67.7	74.9	76.7	77.1	79.1	79.8	82.0	85.4	87.5	91.3	93.4	94.0	95.7	96.3	98.0	98.8
≥ 100	67.7	74.9	76.7	77.1	79.2	79.9	82.2	85.5	87.6	91.4	93.5	94.3	96.3	97.0	98.9	100.0
≥ 0	67.7	74.9	76.7	77.1	79.2	79.9	82.2	85.5	87.6	91.4	93.5	94.3	96.3	97.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB (STATION NAME) WA 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	31.7	32.2	32.5	32.5	32.6	32.7	33.1	33.5	33.7	34.1	34.5	34.8	35.1	35.2	35.8	36.1
≥ 20000	33.5	34.0	34.3	34.3	34.4	34.5	34.9	35.4	35.5	35.9	36.5	36.8	37.0	37.1	37.7	38.1
≥ 18000	33.9	34.3	34.6	34.6	34.7	34.8	35.3	35.7	35.8	36.2	36.8	37.1	37.3	37.4	38.1	38.4
≥ 16000	34.1	34.5	34.8	34.8	34.9	35.1	35.5	35.9	36.0	36.5	37.0	37.3	37.5	37.6	38.3	38.6
≥ 14000	35.1	35.5	35.8	35.8	35.9	36.1	36.5	36.9	37.0	37.4	38.0	38.3	38.5	38.6	39.2	39.6
≥ 12000	36.9	37.3	37.6	37.6	37.7	37.8	38.3	38.7	38.8	39.2	39.8	40.1	40.4	40.5	41.2	41.6
≥ 10000	39.4	40.2	40.5	40.5	40.6	40.8	41.2	41.6	41.7	42.2	42.7	43.0	43.3	43.4	44.1	44.5
≥ 9000	41.2	42.0	42.4	42.4	42.5	42.6	43.0	43.4	43.5	44.0	44.5	44.8	45.2	45.3	45.9	46.3
≥ 8000	44.8	45.8	46.2	46.2	46.3	46.5	46.9	47.4	47.5	48.0	48.5	48.8	49.1	49.2	49.9	50.3
≥ 7000	47.8	48.8	49.2	49.2	49.5	49.6	50.0	50.5	50.6	51.1	51.6	51.9	52.3	52.4	53.0	53.4
≥ 6000	49.5	50.6	51.1	51.1	51.3	51.4	51.8	52.4	52.5	52.9	53.4	53.8	54.1	54.2	54.8	55.3
≥ 5000	51.3	52.6	53.3	53.3	53.5	53.7	54.2	54.7	54.8	55.3	55.9	56.2	56.6	56.7	57.3	57.7
≥ 4500	52.2	53.4	54.2	54.2	54.4	54.5	55.1	55.6	55.7	56.1	56.8	57.1	57.4	57.5	58.2	58.6
≥ 4000	53.5	54.9	55.7	55.7	55.9	56.0	56.6	57.1	57.2	57.6	58.3	58.6	58.9	59.0	59.7	60.1
≥ 3500	55.1	56.6	57.4	57.4	57.6	57.7	58.4	58.9	59.0	59.5	60.1	60.4	60.8	60.9	61.5	61.9
≥ 3000	56.2	58.0	58.9	58.9	59.4	59.5	60.1	60.6	60.9	61.3	61.9	62.3	62.7	62.8	63.4	63.9
≥ 2500	57.8	59.7	60.6	60.8	61.3	61.4	62.4	62.9	63.1	63.5	64.2	64.5	64.9	65.1	65.7	66.1
≥ 2000	59.0	60.9	61.9	62.2	62.7	62.8	63.9	64.4	64.6	65.2	65.8	66.1	66.6	66.7	67.3	67.7
≥ 1800	59.4	61.5	62.6	62.8	63.3	63.4	64.5	65.1	65.3	65.8	66.5	66.8	67.2	67.3	68.0	68.4
≥ 1500	59.8	62.0	63.2	63.4	64.1	64.2	65.3	65.9	66.1	66.7	67.3	67.6	68.2	68.3	68.9	69.4
≥ 1200	60.5	63.2	64.4	64.6	65.3	65.4	66.5	67.1	67.3	67.8	68.5	68.8	69.4	69.5	70.1	70.5
≥ 1000	61.3	64.7	65.9	66.2	66.9	67.0	68.4	69.0	69.4	69.9	70.5	70.9	71.4	71.5	72.2	72.6
≥ 900	61.7	65.7	67.1	67.3	68.0	68.1	69.5	70.1	70.5	71.1	71.7	72.2	72.7	72.8	73.4	73.9
≥ 800	61.9	66.1	67.6	68.1	68.8	68.9	70.3	71.1	71.8	72.5	73.1	73.5	74.1	74.2	74.8	75.3
≥ 700	62.8	67.6	69.1	69.7	70.8	70.9	72.3	73.1	73.9	74.7	75.4	75.8	76.5	76.6	77.2	77.6
≥ 600	63.0	68.5	70.1	70.9	72.3	72.4	73.8	74.7	75.7	76.8	77.5	78.0	78.6	78.7	79.4	79.8
≥ 500	63.2	70.1	71.8	72.6	74.4	74.5	76.0	77.5	78.7	80.2	81.0	81.4	82.0	82.3	83.1	83.7
≥ 400	63.2	70.4	72.4	73.1	75.1	75.2	77.0	79.4	81.2	83.1	84.3	84.9	85.9	86.2	87.5	88.1
≥ 300	63.5	71.8	73.8	74.5	76.9	77.2	79.6	82.7	85.4	87.3	89.6	90.2	91.4	91.8	93.2	93.8
≥ 200	63.5	72.3	74.2	75.1	77.4	77.7	80.4	83.8	86.6	88.6	91.5	92.2	94.3	94.9	97.3	98.6
≥ 100	63.5	72.4	74.3	75.2	77.6	78.1	80.8	84.2	87.0	89.1	92.0	92.7	94.8	95.5	98.3	99.9
≥ 0	63.5	72.4	74.3	75.2	77.6	78.1	80.8	84.2	87.0	89.1	92.0	92.7	94.8	95.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

5410

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	26.7	27.6	27.9	28.0	28.3	28.3	28.6	28.8	28.9	29.2	29.5	29.6	29.8	29.9	30.6	30.8
≥ 20000	29.2	30.2	30.4	30.6	30.9	31.0	31.2	31.5	31.6	31.9	32.2	32.3	32.6	32.7	33.3	33.6
≥ 18000	29.8	30.8	31.1	31.2	31.5	31.7	31.9	32.2	32.3	32.6	32.9	33.0	33.3	33.4	34.0	34.3
≥ 16000	29.9	31.3	31.2	31.4	31.7	31.8	32.1	32.4	32.5	32.8	33.1	33.1	33.4	33.6	34.2	34.5
≥ 14000	31.2	32.2	32.5	32.6	33.0	33.1	33.4	33.7	33.8	34.1	34.4	34.5	34.8	34.9	35.5	35.8
≥ 12000	33.	34.1	34.4	34.6	35.0	35.1	35.3	35.6	35.8	36.1	36.4	36.5	36.8	36.9	37.6	37.9
≥ 10000	35.6	36.8	37.2	37.3	37.7	37.9	38.2	38.5	38.6	38.9	39.2	39.3	39.6	39.7	40.4	40.8
≥ 9000	36.7	38.0	38.3	38.5	38.9	39.1	39.4	39.7	39.9	40.2	40.5	40.6	40.9	41.0	41.7	42.1
≥ 8000	39.7	41.0	41.4	41.5	42.0	42.2	42.5	42.9	43.0	43.4	43.7	43.8	44.1	44.3	45.0	45.4
≥ 7000	42.8	44.2	44.6	44.7	45.4	45.6	45.9	46.3	46.5	46.8	47.1	47.2	47.6	47.7	48.5	48.8
≥ 6000	44.8	46.1	46.5	46.7	47.4	47.6	48.0	48.4	48.6	49.0	49.3	49.4	49.7	49.9	50.6	51.0
≥ 5000	47.0	48.6	49.1	49.3	50.1	50.3	50.7	51.1	51.3	51.7	52.0	52.1	52.5	52.6	53.4	53.8
≥ 4500	48.1	50.0	50.6	50.8	51.7	51.9	52.3	52.8	53.0	53.3	53.7	53.8	54.1	54.3	55.2	55.4
≥ 4000	49.7	51.7	52.4	52.6	53.6	53.8	54.3	54.8	55.0	55.4	55.7	55.8	56.2	56.3	57.1	57.5
≥ 3500	50.7	53.0	53.8	54.1	55.1	55.3	55.8	56.3	56.5	56.9	57.3	57.4	57.7	57.9	58.6	59.0
≥ 3000	52.4	54.9	55.8	56.3	57.4	57.7	58.3	58.8	59.1	59.5	59.9	59.9	60.3	60.5	61.2	61.6
≥ 2500	53.9	56.8	57.7	58.3	59.6	59.8	60.5	61.1	61.3	61.8	62.2	62.2	62.6	62.8	63.5	63.9
≥ 2000	54.8	57.9	59.0	59.6	61.0	61.3	62.0	62.6	62.9	63.4	63.8	63.8	64.2	64.4	65.2	65.6
≥ 1800	55.1	58.4	59.5	60.1	61.4	61.7	62.5	63.1	63.4	63.9	64.3	64.4	64.7	64.9	65.7	66.1
≥ 1500	55.7	59.2	60.4	61.0	62.5	62.8	63.6	64.2	64.5	65.1	65.4	65.5	65.9	66.1	66.9	67.3
≥ 1200	56.5	60.3	61.6	62.3	63.8	64.1	65.0	65.7	66.0	66.5	66.9	67.0	67.4	67.6	68.3	68.8
≥ 1000	57.6	61.9	63.3	64.1	65.8	66.2	67.2	67.9	68.3	68.8	69.2	69.3	69.7	69.9	70.7	71.1
≥ 900	58.1	62.8	64.2	65.1	66.9	67.3	68.4	69.3	69.6	70.2	70.6	70.7	71.1	71.3	72.1	72.5
≥ 800	58.5	63.6	65.1	66.1	68.1	68.5	69.8	70.7	71.2	71.9	72.3	72.4	72.8	73.1	73.8	74.2
≥ 700	59.1	64.5	66.1	67.2	69.3	69.8	71.1	72.1	72.6	73.4	73.9	74.0	74.4	74.6	75.4	75.8
≥ 600	59.5	65.2	67.0	68.2	70.7	71.2	72.6	73.7	74.4	75.6	76.0	76.1	76.6	76.8	77.6	78.1
≥ 500	60.1	66.7	68.6	70.0	72.7	73.4	75.1	76.6	77.5	79.0	79.7	79.8	80.3	80.6	81.5	82.0
≥ 400	60.4	67.7	69.9	71.4	74.6	75.3	77.2	79.1	80.3	82.2	83.3	83.5	84.3	84.7	85.8	86.4
≥ 300	60.5	68.4	70.7	72.4	76.0	76.9	79.3	81.5	83.1	85.8	87.6	87.9	89.3	89.9	91.6	92.6
≥ 200	60.6	68.7	71.1	72.8	76.7	77.6	80.2	82.6	84.3	87.4	89.9	90.2	92.5	93.5	96.3	98.1
≥ 100	60.6	68.7	71.1	72.9	76.7	77.7	80.3	82.7	84.5	87.6	90.1	90.5	93.0	94.0	97.3	99.9
≥ 0	60.6	68.7	71.1	72.9	76.7	77.7	80.3	82.7	84.5	87.6	90.1	90.5	93.0	94.0	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-79 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	55.7	51.3	51.4	51.5	51.7	51.7	51.8	51.9	51.9	52.1	52.1	52.1	52.2	52.2	52.4	52.6
≥ 20000	55.2	55.8	56.0	56.1	56.2	56.3	56.4	56.5	56.5	56.6	56.7	56.7	56.8	56.9	57.1	57.3
≥ 18000	55.8	56.4	56.6	56.7	56.9	56.9	57.0	57.1	57.2	57.2	57.3	57.3	57.5	57.5	57.7	57.9
≥ 16000	56.3	56.9	57.1	57.2	57.4	57.4	57.5	57.6	57.7	57.7	57.8	57.8	58.0	58.0	58.2	58.4
≥ 14000	57.9	58.6	58.7	58.9	59.0	59.1	59.2	59.3	59.3	59.4	59.5	59.5	59.6	59.7	59.9	60.1
≥ 12000	60.7	61.4	61.6	61.7	61.9	62.0	62.1	62.2	62.2	62.3	62.4	62.4	62.5	62.6	62.8	63.0
≥ 10000	64.5	65.3	65.5	65.6	65.8	65.9	66.0	66.1	66.1	66.2	66.3	66.4	66.5	66.5	66.8	67.0
≥ 9000	66.1	66.9	67.1	67.2	67.5	67.5	67.6	67.7	67.8	67.9	68.0	68.0	68.1	68.2	68.4	68.6
≥ 8000	68.7	69.6	69.9	70.0	70.2	70.3	70.4	70.5	70.6	70.7	70.8	70.8	71.0	71.0	71.2	71.5
≥ 7000	71.4	72.3	72.6	72.7	73.0	73.0	73.1	73.3	73.3	73.4	73.6	73.6	73.7	73.8	74.0	74.2
≥ 6000	72.0	74.0	74.2	74.4	74.7	74.7	74.8	75.0	75.0	75.2	75.3	75.3	75.4	75.5	75.7	75.9
≥ 5000	75.3	76.4	76.7	76.9	77.2	77.3	77.4	77.5	77.6	77.7	77.8	77.9	78.0	78.1	78.3	78.5
≥ 4500	76.3	77.5	77.8	78.0	78.3	78.4	78.5	78.7	78.7	78.8	79.0	79.0	79.1	79.2	79.4	79.7
≥ 4000	78.1	79.4	79.8	80.0	80.3	80.4	80.5	80.7	80.7	80.9	81.0	81.0	81.2	81.2	81.5	81.7
≥ 3500	79.1	80.4	80.8	81.0	81.4	81.5	81.6	81.8	81.8	82.0	82.1	82.1	82.3	82.3	82.6	82.8
≥ 3000	81.4	82.7	82.5	82.7	83.1	83.2	83.4	83.6	83.6	83.7	83.9	83.9	84.1	84.1	84.4	84.6
≥ 2500	81.2	83.1	83.5	83.7	84.2	84.3	84.5	84.6	84.7	84.8	85.0	85.0	85.2	85.2	85.5	85.7
≥ 2000	81.7	83.7	84.2	84.5	85.0	85.1	85.3	85.5	85.6	85.7	85.9	85.9	86.1	86.1	86.4	86.6
≥ 1800	81.9	83.9	84.4	84.7	85.2	85.3	85.5	85.7	85.8	86.0	86.1	86.1	86.3	86.4	86.6	86.8
≥ 1500	82.2	84.4	84.9	85.2	85.8	85.9	86.2	86.4	86.5	86.7	86.8	86.8	87.0	87.1	87.3	87.5
≥ 1200	82.7	85.0	85.6	86.0	86.6	86.7	87.0	87.2	87.3	87.5	87.7	87.7	87.9	87.9	88.2	88.4
≥ 1000	83.1	85.7	86.4	86.8	87.5	87.7	88.0	88.3	88.4	88.6	88.8	88.8	89.0	89.0	89.3	89.5
≥ 900	83.3	86.1	86.8	87.2	88.0	88.1	88.5	88.8	88.9	89.1	89.3	89.3	89.5	89.5	89.8	90.0
≥ 800	83.6	86.5	87.2	87.7	88.5	88.7	89.1	89.4	89.5	89.8	90.0	90.0	90.2	90.2	90.5	90.7
≥ 700	83.8	86.9	87.6	88.1	89.0	89.2	89.6	90.0	90.1	90.4	90.6	90.7	90.8	90.9	91.2	91.4
≥ 600	84.1	87.3	88.2	88.7	89.7	89.9	90.4	90.8	91.0	91.4	91.6	91.6	91.8	91.9	92.1	92.4
≥ 500	84.3	87.8	88.8	89.4	90.6	90.8	91.4	91.9	92.1	92.7	93.0	93.0	93.2	93.3	93.6	93.8
≥ 400	84.5	88.2	89.2	89.9	91.3	91.5	92.2	92.9	93.2	93.9	94.3	94.4	94.7	94.8	95.1	95.4
≥ 300	84.5	88.4	89.5	90.3	91.8	92.1	93.0	93.8	94.2	95.2	95.8	95.9	96.4	96.6	97.2	97.6
≥ 200	84.5	88.5	89.6	90.3	92.0	92.3	93.2	94.1	94.6	95.7	96.5	96.6	97.4	97.7	98.6	99.4
≥ 100	84.5	88.5	89.6	90.4	92.0	92.3	93.2	94.1	94.6	95.7	96.6	96.7	97.5	97.8	98.9	100.0
≥ 0	84.5	88.5	89.6	90.4	92.0	92.3	93.2	94.1	94.6	95.7	96.6	96.7	97.5	97.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87630

5411

FORM USAF ETAC 0-145-(01-A) (PREVIOUS EDITIONS OBSOLETE)

1234567891234567891234567891234567891234567891234567891234567891234567891234567891234567891234567891234

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS 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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	12.4			14.6						11.3	61.7	7.6	912
	03-05	12.7			11.1						12.3	63.9	7.8	920
	06-08	9.0			11.5						14.9	64.6	8.2	925
	09-11	6.6			12.3						15.3	65.8	8.3	926
	12-14	6.1			11.9						15.4	66.6	8.4	928
	15-17	5.3			14.1						18.4	62.2	8.3	926
	18-20	11.5			14.1						15.4	59.1	7.7	924
	21-23	11.9			14.1						12.4	61.6	7.7	909
TOTALS		9.4			13.0						14.4	63.2	8.0	7370

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

24114 FAIRCHILD AFB WA 70-79 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	14.5			20.1						13.7	51.8	7.0	842
	03-05	12.5			17.2						12.7	57.6	7.4	832
	06-08	8.1			13.4						15.0	63.5	8.1	838
	09-11	6.4			11.3						20.6	61.7	8.4	840
	12-14	5.4			13.3						23.1	58.2	8.3	845
	15-17	5.3			16.9						25.2	52.6	8.0	846
	18-20	10.2			22.0						21.7	46.1	7.2	846
	21-23	16.4			21.0						16.1	46.5	6.7	837
TOTALS		9.9			16.9						18.5	54.8	7.6	6726

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — PERIOD
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAR	00-02	26.2			21.3						18.4	34.2	5.7	925
	03-05	20.3			22.7						17.0	40.0	6.2	927
	06-08	4.6			26.3						24.2	44.9	7.5	927
	09-11	4.5			21.6						27.1	46.8	7.8	927
	12-14	2.2			23.0						30.7	44.1	7.9	929
	15-17	1.4			21.5						32.6	44.5	8.0	930
	18-20	7.4			26.3						29.1	37.1	7.1	930
	21-23	19.1			25.1						20.2	35.6	6.1	930
TOTALS		10.7			23.1						24.9	40.9	7.0	7425

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114	FAIRCHILD AFB WA	70-79	APR
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	24.7			26.1						14.7	34.5	5.6	899
	03-05	18.9			28.3						16.9	35.9	6.0	889
	06-08	10.6			23.1						25.3	41.0	7.1	888
	09-11	7.0			23.6						28.3	41.1	7.4	900
	12-14	3.1			18.7						32.8	45.4	8.1	900
	15-17	4.0			18.2						35.4	42.3	8.0	900
	18-20	8.7			24.8						27.1	39.4	7.1	900
	21-23	20.6			28.3						18.2	32.9	5.8	900
TOTALS		12.2			23.9						24.8	39.1	6.9	7176

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF TH[illegible] ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

24114 FAIRCHILD AFB WA 70-79 MAY

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	27.7			30.6						16.4	25.4	4.9	929
	03-05	13.6			36.2						19.8	30.4	5.9	928
	06-08	10.4			32.8						24.5	32.2	6.4	929
	09-11	7.7			29.4						31.8	31.1	6.9	927
	12-14	3.5			23.9						38.7	33.9	7.6	930
	15-17	3.7			26.3						35.2	34.8	7.4	928
	18-20	5.7			34.8						26.2	33.2	6.7	927
	21-23	18.3			36.5						19.1	26.1	5.4	926
TOTALS		11.3			31.3						26.5	30.9	6.4	7424

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114	FAIRCHILD AFB WA	69-78	JUN
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	29.8			31.7						18.9	19.7	4.6	900
	03-05	13.7			39.0						23.7	23.6	5.7	898
	06-08	14.3			30.0						26.1	29.6	6.2	896
	09-11	10.0			31.0						30.9	28.1	6.5	900
	12-14	7.2			30.4						31.7	30.7	6.8	900
	15-17	7.0			31.3						32.7	29.0	6.8	900
	18-20	10.6			32.4						31.1	25.9	6.4	899
	21-23	20.2			34.4						22.1	23.2	5.3	899
TOTALS		14.1			32.5						27.2	26.2	6.0	7192

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

SKY COVER

24114 FAIRCHILD AFB WA 69-78 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	46.4			27.4						9.7	16.5	3.3	925
	03-05	34.5			30.7						19.6	15.2	4.2	926
	06-08	33.8			29.9						22.9	13.5	4.3	927
	09-11	31.0			34.2						19.6	15.2	4.3	929
	12-14	20.9			39.7						24.4	15.1	4.9	930
	15-17	21.0			41.2						23.2	14.6	4.8	930
	18-20	25.5			37.8						21.7	15.0	4.6	929
	21-23	36.6			31.7						16.6	15.2	4.0	930
TOTALS		31.2			34.1						19.7	15.0	4.3	7432

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MA

SKY COVER

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	53.4			23.4						10.5	12.6	2.9	930
	03-05	41.3			31.9						13.9	12.9	3.5	930
	06-08	32.8			36.1						19.4	11.7	4.0	930
	09-11	31.7			35.9						19.6	12.8	4.1	930
	12-14	27.5			35.9						25.7	10.9	4.5	930
	15-17	24.1			41.3						23.9	10.7	4.5	928
	18-20	30.6			39.8						19.4	10.2	4.0	930
	21-23	43.8			32.9						12.5	10.9	3.2	930
TOTALS		35.			34.7						18.1	11.6	3.8	7438

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (PERIOD) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	46.4			23.4						13.7	16.4	3.6	900
	03-05	40.6			22.7						16.2	20.5	4.2	899
	06-08	21.9			33.7						20.6	23.8	5.2	899
	09-11	23.3			32.3						21.6	22.8	5.2	900
	12-14	20.4			29.4						27.2	22.9	5.6	900
	15-17	21.4			29.8						29.4	19.3	5.5	900
	18-20	29.3			28.0						26.0	16.7	4.8	900
	21-23	40.3			27.9						16.9	14.9	3.8	900
TOTALS		30.5			28.4						21.5	19.7	4.7	7198

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114	FAIRCHILD AFB MA	69-78	OCT
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	40.9			20.4						14.2	24.5	4.3	913
	03-05	34.7			23.6						15.3	26.4	4.7	920
	06-08	15.7			27.6						23.7	33.0	6.3	928
	09-11	16.3			25.7						23.2	34.7	6.3	930
	12-14	14.3			27.3						25.7	32.6	6.4	929
	15-17	15.6			25.1						26.2	33.2	6.4	929
	18-20	23.2			25.6						22.2	29.0	5.7	930
	21-23	34.3			21.4						17.6	26.7	4.9	921
TOTALS		24.4			24.6						21.0	30.0	5.6	7400

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — PERIOD
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	16.8			16.2						13.4	53.6	7.1	871
	03-05	15.2			13.9						13.1	57.9	7.4	871
	06-08	5.1			16.1						18.7	60.1	8.2	887
	09-11	5.0			14.8						19.9	60.3	8.3	894
	12-14	4.1			13.1						22.0	60.7	8.4	899
	15-17	4.0			16.3						22.6	57.1	8.2	898
	18-20	10.1			20.3						14.6	55.0	7.4	892
	21-23	15.7			19.1						12.4	52.9	7.0	887
TOTALS		9.5			16.2						17.1	57.2	7.8	7099

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOUR (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	10.0			14.1						13.3	62.6	7.9	902
	03-05	11.4			11.5						11.8	65.4	7.9	916
	06-08	6.9			13.3						14.0	65.8	8.2	919
	09-11	4.0			15.4						16.1	64.5	8.4	923
	12-14	4.1			15.5						19.1	61.3	8.3	925
	15-17	3.6			19.1						17.9	59.5	8.1	929
	18-20	11.7			17.1						13.7	57.5	7.5	922
	21-23	13.3			15.3						14.2	57.2	7.5	913
TOTALS		8.1			15.2						15.0	61.7	8.0	7349

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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2

SKY COVER

24114	FAIRCHILD AFB WA	69-79	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	9.4			13.0						14.4	63.2	8.0	7370
FEB		9.9			16.9						18.5	54.8	7.6	6726
MAR		10.7			23.5						24.9	40.9	7.0	7425
APR		12.2			23.9						24.8	39.1	6.9	7176
MAY		11.3			31.3						26.5	30.9	6.4	7424
JUN		14.1			32.5						27.2	26.2	6.0	7192
JUL		31.2			34.1						19.7	15.0	4.3	7432
AUG		35.7			34.7						18.1	11.6	3.8	7438
SEP		30.5			28.4						21.5	19.7	4.7	7198
OCT		24.4			24.6						21.0	30.0	5.6	7400
NOV		9.5			16.2						17.1	57.2	7.8	7099
DEC		8.1			15.2						15.0	61.7	8.0	7349
TOTALS		17.3			24.5						20.7	37.5	6.3	87229

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: Direct conversion of temperatures from Celsius to Fahrenheit values results in the exclusion of certain values. The conversion method used at OL A to present these data may result in differences not exceeding $\pm 1^{\circ}F$ from directly converted values but excludes no Fahrenheit values.

   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.

E

Continued on Reverse

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

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

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (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.

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

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

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

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

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

74-38088

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...ETAC
...WEATHER SERVICE/MAC
4 FAIRCHILD AFB WA 79-79
STATION STATION NAME YEARS

DAILY TEMPERATURES

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (°F)	JAN.	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV.	DEC	ANNUAL
≥							.5	.6					.1
≥	[illegible]					.4	5.5	4.6					.9
≥	[illegible]				.3	2.9	22.2	15.4	1.9				3.6
≥	[illegible]			.1	1.5	13.6	41.8	34.3	6.8				8.[illegible]
≥	[illegible]			.7	6.[illegible]	21.1	61.7	54.7	21.3	.6			14.[illegible]
≥	[illegible]			1.4	14.4	47.8	78.2	7.4	36.3	3.4			23.7
≥	7		.1	4.4	30.0	59.6	93.5	84.9	55.1	9.[illegible]			28.0
≥	[illegible]		1.3	11.2	47.8	79.7	98.1	94.2	71.0	18.4	.3		35.4
≥	[illegible]	.2	4.3	24.7	65.6	92.2	99.4	99.0	86.0	35.7	.7		42.5
≥	[illegible]	1.3	11.1	44.4	83.5	98.1	100.0	99.9	95.1	58.1	3.4		49.3
≥	[illegible]	5.9	24.7	72.3	95.8	99.6			99.4	81.3	15.3	.8	58.2
≥	5.3	17.[illegible]	51.2	93.7	99.5	100.0		100.0	100.0	93.1	35.[illegible]	7.7	67.1
≥	16.[illegible]	4[illegible].7	75.5	99.4	1[illegible]0.0					98.0	60.9	24.4	75.4
≥	37.4	72.6	93.8	100.0						99.7	79.5	48.9	85.6
≥	60.1	88.4	96.5							100.0	93.[illegible]	74.4	92.7
≥	75.9	94.9	99.2								97.1	88.7	96.3
≥	84.9	98.1	99.8								99.0	94.3	98.0
≥	91.5	99.1	99.9								99.4	97.4	98.9
≥	96.3	99.5	100.0								99.8	98.7	99.5
≥	98.4	99.8									100.0	99.2	99.8
≥	99.6	100.0										99.5	99.9
≥	100.0											99.8	100.0
≥												100.0	100.0
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
≥													
MEAN	[illegible].4	37.9	44.7	54.6	64.2	72.2	81.9	79.9	70.8	58.9	41.1	33.6	55.7
S D	.981	7.746	8.134	7.871	9.283	9.[illegible]91	8.695	9.263	9.715	8.787	8.131	8.301	19.503
TOTAL OBS.	93[illegible]	847	930	900	930	900	930	930	900	93[illegible]	9[illegible]0	930	10957

USAF ETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DAILY TEMPERATURES

STATION [illegible] AIR FORCE SERVICE/MAC
4 FAIRCHILD AFB WA
STATION NAME

49-79
YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR.	APR.	MAY	JUN	JUL.	AUG	SEP.	OCT	NOV	DEC	ANNUAL
[illegible]							.1						.0
[illegible]						.2	1.0	.1					.1
[illegible]					1.2	8.4	34.4	27.3	3.7				1.7
[illegible]				.1	4.4	25.7	64.1	56.9	14.9				6.3
[illegible]				1.2	18.6	54.4	87.7	86.3	43.4	2.6			14.2
4[illegible]	.1	.2	.4	4.9	43.0	82.4	98.3	97.7	73.6	16.2	.8	.1	24.7
[illegible]	1.4	1.8	4.2	22.6	71.4	97.1	99.8	99.8	90.7	40.8	7.6	1.4	35.[illegible]
[illegible]	7.	9.8	19.9	57.2	91.8	1[illegible].5	100.0	100.0	98.4	73.[illegible]	25.7	10.1	45.1
[illegible]	13.[illegible]	17.8	32.2	70.7	97.5				99.1	82.6	39.3	17.8	58.0
[illegible]	25.3	4[illegible].5	57.4	88.3	99.5				99.8	92.8	58.8	32.5	64.4
2[illegible]	46.	69.5	84.5	99.2	100.0				100.0	99.0	80.6	59.0	74.7
[illegible]	64.8	85.4	93.8	100.0						99.8	91.6	77.1	85.5
[illegible]	74.7	92.7	97.1							100.0	97.4	88.1	92.7
[illegible]	82.5	96.3	99.[illegible]								98.7	94.0	95.8
[illegible]	89.9	98.3	99.6								99.3	96.7	97.5
[illegible]	94.2	98.8	99.9								99.7	98.1	98.6
-5	97.4	98.9	100.0								99.8	99.0	99.2
-1	98.5	99.8									100.0	99.5	99.6
-15	99.5	99.9										99.6	99.8
-2.	99.9	100.0										100.0	99.9
-25	100.0												100.0
MEAN	[illegible].[illegible]	26.5	29.8	35.7	43.4	5[illegible].5	56.7	55.8	48.2	38.2	30.0	24.8	38.4
S D	1.651	7.979	6.372	5.320	6.378	6.157	6.093	5.834	6.32[illegible]	5.991	7.326	9.091	13.920
TOTAL OBS.	93	947	930	930	930	900	930	930	900	930	9[illegible]0	930	10957

USAF ETAC FORM JUL 64 0-21-5(OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...R PROCESSING BRANCH
...F ETAC
...WEATHER SERVICE/MAC

4 FAIRCHILD AFB ...A 49-79

STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
AI							.4	.1					.1
AI						.3	6.5	4.9					1.9
AI					.3	3.9	26.7	23.2	1.9				4.5
AI				.2	2.3	14.8	52.3	43.9	9.2				11.3
AI				.7	8.4	32.8	73.4	67.4	28.8	.5			17.8
AI				2.1	24.3	57.6	91.4	87.5	50.6	5.5			25.7
AI				7.7	45.5	83.3	99.3	97.4	73.2	16.1	.2		35.4
AI	.1	.2	3.5	22.6	69.6	97.3	99.9	99.9	91.1	38.5	1.2		43.3
AI	.5	3.2	13.2	50.8	91.5	99.9	100.0		98.6	67.6	17.3	.9	53.3
AI	5.6	15.7	37.2	83.6	99.5	100.0		100.0	99.8	95.3	30.9	8.3	64.3
AI	21.9	41.6	71.1	98.3	100.0				100.0	97.6	61.1	27.2	76.6
AI	41.3	72.3	88.4	100.0						99.7	81.9	56.8	86.8
AI	64.2	88.2	95.5							100.0	93.7	78.0	93.3
AI	76.3	94.5	98.7								97.3	89.6	96.3
AI	84.5	97.6	99.6								98.8	94.6	97.9
AI	91.6	98.5	99.9								99.4	97.5	98.8
AI	95.5	99.1	100.0								99.7	98.7	99.4
AI	98.1	99.5									100.0	99.2	99.7
AI	98.9	99.9										99.4	99.8
AI	99.7	100.0										99.8	100.0
AI	100.0											100.0	100.0
AI													
AI													
AI												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24114 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT.	NOV.	DEC	ALL MONTHS
49						90	98	91	91	64	57	46	
50	41	46	49	67	79	89	95	91	94	67	59	[illegible]	95
51	43	51	56	71	83	85	96	93	84	73	50	47	96
52	39	45	62	81	81	86	96	94	90	79	56	39	96
53	50	51	65	68	83	80	95	98	90	75	59	46	98
54	48	53	58	70	85	81	91	89	85	65	55	46	91
55	39	45	49	64	74	96	95	90	92	67	54	46	96
56	46	41	57	77	86	81	95	95	83	73	48	49	95
57	35	52	54	81	85	87	90	88	86	65	52	53	90
58	46	60	59	68	91	93	92	95	91	79	56	50	95
59	49	46	54	68	79	87	100	93	87	66	58	51	100
60	45	45	70	70	80	85	100	94	84	76	52	46	100
61	48	50	58	66	84	93	93	104	77	76	47	44	104
62	48	55	59	75	71	90	96	91	84	76	52	47	96
63	45	54	61	71	82	88	86	92	89	80	54	39	92
64	41	41	68	60	81	83	98	88	84	75	53	47	98
65	41	48	60	69	78	86	94	95	78	77	68	48	95
66	49	49	68	70	90	84	91	98	92	76	57	50	98
67	51	54	53	59	79	89	103	101	91	72	52	44	103
68	48	62	63	78	80	91	102	93	85	68	48	53	102
69	37	40	64	76	84	92	91	99	89	70	58	48	99
70	44	51	55	61	84	95	99	99	83	81	60	46	99
71	59	53	54	69	81	89	97	101	83	80	51	42	101
72	45	56	67	71	85	87	92	101	83	72	54	48	101
73	47	52	56	67	87	97	94	92	90	68	56	47	97
74	46	43	58	67	74	89	95	93	83	72	50	47	95
75	39	42	48	61	76	78	101	88	85	82	67	51	101
76	45	46	57	68	78	91	94	87	90	81	56	50	94
77	45	56	59	88	78	89	96	100	80	65	53	49	100
78	42	44	64	68	74	89	96	95	84	73	55	39	96
MEAN													
S.D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 44 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES
MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	32	37	62	71	80								
MEAN	44.4	49.3	58.9	70.0	81.1	88.0	95.4	94.3	86.2	73.1	54.9	46.9	97.3
S.D.	5.335	5.675	5.720	6.507	4.697	4.694	3.792	4.563	4.321	5.554	4.823	3.652	3.467
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 66 0-88-5 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

4 FAIRCHILD AFB WA 49-79
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ALL MONTHS
49						41	45	46	36	23	26	4	
5	-21	-18	7	26	33	41	46	35	32	29	23	9	-21
51	-2	5	12	22	35	41	46	45	36	26	20	-8	-8
52	-9	11	19	29	33	39	48	46	42	33	13	13	-9
53	24	22	25	2[illegible]	33	40	47	46	39	32	24	22	22
54	-5	7	16	27	28	36	45	42	37	27	24	10	-5
55	11	10	-3	25	33	41	47	46	38	26	-6		-6
56	-8	-5	9	27	32	38	49	44	38	33	15	7	-8
57	-16	1	18	32	43	47	46	45	37	29	18	16	-16
58	17	27	23	3[illegible]	35	43	47	48	3[illegible]	29	12	21	12
59	-4	15	22	29	26	38	44	42	37	28	3	17	-4
6	-1	7	3	26	31	37	46	42	39	26	22	10	-1
61	11	22	2[illegible]	26	33	39	46	51	33	24	13	-3	-3
62	-6	6	15	29	29	36	38	41	38	33	23	14	-8
63	-4	11	23	27	32	43	45	46	41	26	18	3	-4
64	9	13	13	23	32	39	48	43	37	27	15	-17	-17
65	16	15	11	29	27	43	46	39	26	26	22	13	11
66	4	20	16	24	29	41	48	41	44	29	19	14	4
67	21	22	20	29	33	47	45	53	36	33	16	6	6
68	4	21	25	22	31	38	45	45	37	33	19	-18	-18
69	-1	8	12	32	35	45	47	43	39	24	19	15	-1[illegible]
7[illegible]	8	27	15	28	37	42	48	51	32	28	8	2	2
71	1[illegible]	15	6	28	34	40	38	43	35	18	22	2	2
72	-6	-7	23	22	31	42	44	48	29	23	24	-1	-7
73	4	17	28	26	35	37	42	44	39	33	18	12	4
74	-5	25	22	29	31	43	45	49	38	26	23	8	-5
75	1	11	20	25	33	42	52	50	40	27	11	15	1
76	16	13	12	28	34	37	47	42	37	27	16	15	12
77	-1	19	23	24	33	38	45	46	36	28	7	5	-1
78	1	21	18	29	32	42	49	44	34	25	12	-17	-17
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 49-79 (YEARS)

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR.	MAY	JUN	JUL.	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	-10	-9	23	24	35								
MEAN	1.6	11.6	16.6	26.8	32.6	40.1	45.5	44.7	36.5	27.2	16.4	6.4	-3.2
S.D.	11.004	11.134	7.252	2.750	3.104	2.569	3.048	3.687	3.839	3.253	6.961	10.724	10.050
TOTAL OBS.	930	847	930	900	930	900	930	930	900	930	900	930	10957

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
JAN — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47		.5																5	5		
46/ 45		.2	.2															4	4	6	6
44/ 43		.3	.6	.1														10	10	1	
42/ 41		1.1	.3	.1														14	14	8	2
40/ 39	.3	2.9	.6															36	36	25	14
38/ 37	1.	2.2	1.3															38	38	34	19
36/ 35	1.	3.0	1.7	.3														49	49	45	23
34/ 33	2.4	4.7	1.1															76	76	62	63
32/ 31	2.5	5.7	.1															77	77	82	56
30/ 29	2.2	3.8	.8															62	62	82	73
28/ 27	2.4	5.2	.6	.1														77	77	62	83
26/ 25	1.3	7.3	.8															87	87	65	52
24/ 23	.6	5.9	.4															65	65	88	43
22/ 21	.8	2.5	.4															34	34	52	65
20/ 19	2.3	4.6	.4															66	66	49	70
18/ 17	.4	2.9	.3															34	34	54	43
16/ 15	.2	2.4	.2															26	26	32	41
14/ 13	.5	2.5	.5															33	33	26	31
12/ 11	.5	2.5	.3															31	31	30	43
10/ 9	.5	2.3	1.1															36	36	31	33
8/ 7	.2	.9	.2															11	11	25	27
6/ 5	.4	1.7																20	20	21	18
4/ 3	.4	1.3																16	16	21	15
2/ 1		1.2																11	11	10	14
0/ -1	.1	.3																4	4	8	19
-2/ -3		.3																3	3	5	20
-4/ -5	.1																	1	1	2	10
-6/ -7	.1	.3																4	4	3	9
-8/ -9																				3	16
-10/-11																					12
-12/-13																					4
-14/-15																					3
-16/-19																					3

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 75-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2 .	68.3	11.1	.6														930	930	930	930

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.	6269843	75463	81.1	12.560	930							
Dry Bulb	671069	23055	24.8	10.351	930	1.2	69.8					93
Wet Bulb	611914	21856	23.5	10.285	930	1.9	74.9					93
Dew Point	505026	18278	19.7	12.527	930	9.6	80.3					93

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

1885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥2/ 5			.1															1	1		
5 / 49			.2															2	2		
≥8/ 47		.1																1	1	3	
48/ 45		.6	.1															7	7	2	5
≥4/ 43		.4	.5	.1														10	10	6	3
≥2/ 41		1.2	.3	.4														18	18	6	4
4 / 39	.1	1.2	.2	.1														15	15	17	6
38/ 37	.9	2.2	1.1															38	38	28	13
36/ 35	1.4	4.1	.9	.3														62	62	50	22
34/ 33	1.9	4.8	.8															70	70	67	62
32/ 31	3.4	4.5																74	74	79	66
3 / 29	1.4	4.5	.5	.1														61	61	80	70
28/ 27	2.7	5.2	.6	.1														80	80	54	81
26/ 25	1.6	6.5	.6															81	81	70	55
24/ 23	.3	4.2	.3															45	45	72	46
22/ 21	.9	4.7	.4															56	56	59	52
2 / 19	1.5	4.4	.3															58	58	51	65
18/ 17	.3	3.2	.1															36	36	54	47
16/ 15	.4	2.4	.2															28	28	35	40
14/ 13	.6	2.8	.2															34	34	24	38
12/ 11	1.	1.9	.2															29	29	36	46
/ 9	.4	2.6	.5															33	33	22	33
8/ 7	1.	1.9	.3															30	30	31	26
6/ 5	.1	1.7																17	17	34	18
4/ 3	.5	.6																11	11	13	13
2/ 1		1.6																15	15	12	15
1 / -1	.6																	6	6	13	20
-2/ -3	.1	.5																6	6	9	20
-4/ -5																				1	10
-6/ -7	.3	.2																5	5	3	13
-8/ -9	.1																	1	1	3	17
-10/-11																					11
-12/-13																					9
-14/-15																					1

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

USAFETAC FORM 0-26-5 (OL-A) 8-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-?14 STATION | FAIRCHILD AFB WA STATION NAME | 7?-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- ?/-19																					2
-? /-21																					1
TOTAL	21.	968.	2	8.	7	1.	2											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6312929	75777	81.5	12.213	930							
Dry Bulb	651874	22520	24.2	10.710	930	1.8	70.6					93
Wet Bulb	594830	21378	23.0	10.551	930	2.5	75.1					93
Dew Point	496024	17664	19.?	12.690	930	10.4	81.5					93

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

1986

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
52/ 5			.1															1	1		
5 / 49		.1	.1															2	2	1	
48/ 47		.1	.1															2	2	2	
45/ 46	.1	.5	.1															7	7	3	5
44/ 43		.1	.4															5	5	5	6
42/ 41	.1	.6	.3	.3														13	13	5	4
4 / 39	.1	2.1	.3	.1														24	24	13	1
38/ 37	.6	1.3	1.7	.1														28	28	31	13
36/ 35	.6	4.8	1.4															64	64	29	23
34/ 33	1.7	3.9	.9	.1														61	61	82	40
32/ 31	3.2	6.2	.3	.4														95	95	79	69
3 / 29	1.6	3.9	.4															55	55	85	61
28/ 27	3.3	4.6	.5															79	79	74	64
26/ 25	1.2	5.2	.2															61	61	54	60
24/ 23	1.1	4.7	.3															57	57	61	46
22/ 21	1.4	5.1	.3															63	63	70	44
2 / 19	1.3	3.2																42	42	45	57
18/ 17	.9	4.1	.1															46	46	49	65
16/ 15	.9	2.5	.4															35	35	38	26
14/ 13	.3	2.8																29	29	32	42
12/ 11	.4	1.7	.3															23	23	29	42
1 / 9	.9	2.6	.3															35	35	22	37
8/ 7	.6	2.6	.3															33	33	28	25
6/ 5	.2	1.8																17	17	35	23
4/ 3	.3	1.1																13	13	13	15
2/ 1	.2	1.4																15	15	12	19
/ -1	.6	.2																8	8	18	15
-2/ -3		.5																5	5	6	14
-4/ -5	.4	.3																7	7	7	13
-6/ -7	.2	.2																4	4	3	12
-8/ -9	.1																	1	1	3	15
-10/-11																					15
-12/-13																					10
-14/-15																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 — STATION
FAIRCHILD AFB WA — STATION NAME
73-79 — YEARS
JAN — MONTH

PAGE 2
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17																					1
-18/-19																					3
-22/-23																					1
TOTAL	22.	68.	3	8.4	1.1														930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	6336914	75942	81.7	12.083	930							
Dry Bulb	638360	22142	23.8	10.940	930	2.5	72.3					93
Wet Bulb	582699	21017	22.6	10.779	930	3.7	76.2					93
Dew Point	484388	17548	18.9	12.845	930	10.1	83.8					93

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

1987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	70-79	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53		.1																1	1	1	
52/ 51			.2															2	2		1
50/ 49		.2																2	2	2	
48/ 47		.2																2	2	4	
46/ 45	.2	.3		.1														6	6	3	9
44/ 43		.4	.8	.1	.1													13	13	3	2
42/ 41		.8	.6	.1														15	15	4	3
40/ 39	.3	1.9	.6															27	27	25	7
38/ 37	.6	2.1	1.5	.1														40	40	31	16
36/ 35	.3	5.2	1.5	.1														66	66	40	33
34/ 33	2.2	4.1	1.7	.2	.2													78	78	83	38
32/ 31	1.8	5.8	.6	.2														79	79	73	75
30/ 29	3.2	4.2	.5	.2														76	76	98	77
28/ 27	2.6	3.5	1.2	.1														69	69	68	87
26/ 25	1.2	6.3	.6															76	76	62	51
24/ 23	.5	3.5	.4															42	42	62	37
22/ 21	1.6	4.7	.5															64	64	70	70
20/ 19	.8	2.9	.1															35	35	42	50
18/ 17	.6	2.9	.2	.1														36	36	38	52
16/ 15	.8	3.4	.5															43	43	36	35
14/ 13	.4	2.3	.3															28	28	40	40
12/ 11	.8	1.8	.3															26	26	30	46
10/ 9	.8	2.4	.4															32	32	23	36
8/ 7	.3	1.5																17	17	26	27
6/ 5	.1	1.2																12	12	16	21
4/ 3	.8	1.1																17	17	17	9
2/ 1	.3	1.2																14	14	12	18
0/ -1	.4	.3																7	7	13	13
-2/ -3	.1	.1																2	2	4	12
-4/ -5		.1																1	1	1	8
-6/ -7		.2																2	2	1	20
-8/ -9																				2	14
-10/-11																					10
-12/-13																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 STATION | FAIRCHILD AFB WA STATION NAME | 7_-79 YEARS | JAN MONTH

PAGE 2 | 3900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -15																					1
- 6 / -17																					1
-18 / -19																					2
TOTAL	2	464	813	71	4		3												930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	619968	75004	80.6	12.708	930							
Dry Bulb	695152	23468	25.2	10.527	930	1.2	67.8					93
Wet Bulb	628361	22183	23.9	10.335	930	2.1	73.4					93
Dew Point	511234	18514	19.9	12.392	930	8.4	82.1					93

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

1988

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
62/ 59				.1														1	1		
58/ 57			.1	.1														2	2		
56/ 55			.1	.1														2	2		
54/ 53			.1															1	1	2	
52/ 51																				2	
50/ 49																				2	3
48/ 47				.1														1	1		
46/ 45		1.1	1.1	.2	.3													25	25		3
44/ 43	.2	.2	1.1															14	14	13	3
42/ 41		1.3	.5	.2														19	19	15	8
40/ 39	.6	3.2	1.6	.6														57	57	37	17
38/ 37	.2	2.4	1.9	.4														46	46	35	32
36/ 35	1.7	3.9	2.4	.3	.2													72	72	57	36
34/ 33	2.2	4.2	2.6	.4	.3													90	90	67	44
32/ 31	1.9	3.8	2.2	.1														74	74	81	76
30/ 29	1.5	5.9	1.3	.4														85	85	87	69
28/ 27	.6	5.2	1.5	.4														72	72	90	66
26/ 25	1.1	3.9	1.4															59	59	65	79
24/ 23	.3	4.1	.5	.4														49	49	58	62
22/ 21	.1	3.4	.2	.2														37	37	55	46
20/ 19	1.1	4.1	.6	.2														55	55	44	48
18/ 17	1.2	2.4	.8	.1														41	41	48	43
16/ 15	.8	1.4	.8															27	27	39	56
14/ 13	.2	1.1	.5															16	16	22	50
12/ 11	.9	1.8	.1															24	24	24	34
10/ 9	.3	1.9	.1															26	26	21	18
8/ 7	.2	1.8																17	17	23	20
6/ 5	.2																	2	2	17	14
4/ 3		1.2																11	11	4	20
2/ 1		.2																2	2	7	20
0/ -1		.2																2	2	3	7
-2/ -3		.1																1	1	2	10
-4/ -5																					15
-6/ -7																					20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23114	FAIRCHILD AFB WA	73-79	JAN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-5/-9																					6
-0/-11																					2
-1-/-15																					3
TOTAL	14	358	321	9	4	6		9											930		930
																		930		930	

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.	5782352	72136	77.6	14.191	930							
Dry Bulb	808893	25827	27.8	9.933	930	.3	60.0					93
Wet Bulb	709881	24077	25.9	9.652	930	.5	68.0					93
Dew Point	555209	19835	21.3	11.928	930	6.3	78.4					93

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

C 1989

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

--14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

PAGE 1 | 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				
6/ 57			.1	.3														4	4		
56/ 55				.4														1	1		
54/ 53																				1	
52/ 51																				1	
50/ 49		.1																1	1	1	1
48/ 47			.1															1	1	1	2
46/ 45		.2	.4	.2	.2													10	10		3
44/ 43	.2	.5	1.2															18	18	6	2
42/ 41		1.9	.5	.3														29	29	12	7
40/ 39	.4	3.5	1.2	.5														53	53	40	11
38/ 37	.5	4.3	2.5	.3														68	68	47	33
36/ 35	1.1	4.0	1.6		.2													63	63	71	47
34/ 33	2.3	3.3	3.4	.6	.1													91	91	80	58
32/ 31	1.5	4.7	2.3	.2														81	81	75	77
30/ 29	1.4	4.5	1.9	.5														78	78	86	59
28/ 27	1.4	5.6	1.1	.2														77	77	85	60
26/ 25	.6	4.4	1.1	.3														60	60	59	66
24/ 23	.1	3.3	1.0	.1														42	42	59	58
22/ 21	.1	3.7	.8	.1														37	37	43	47
20/ 19	.8	4.1	1.1	.1														56	56	43	64
18/ 17	1.2	2.0	.6	.4														40	40	56	38
16/ 15	.2	1.5	.9															24	24	29	39
14/ 13		1.6	.5															20	20	23	44
12/ 11	.6	1.9	.8															31	31	32	31
10/ 9	.3	2.3	.2															25	26	28	25
8/ 7	.1	.5																6	6	30	25
6/ 5		1.1																9	9	6	14
4/ 3		.4																4	4	10	16
2/ 1		.3																3	3	2	15
0/ -1																				3	12
-2/ -3																					17
-4/ -5																					14
-6/ -7																					12
-8/ -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.												
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

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
7-79 — YEARS
JAN — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- /-11																					3
-12/-13																					1
TOTAL	12.8	58.9	23.2	4.5	.5													930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5785217	72155	77.6	14.188	930							
Dry Bulb	813990	26032	28.0	9.583	930		59.4					93
Wet Bulb	716717	24287	26.1	9.421	930	.3	66.9					93
Dew Point	562344	20044	21.6	11.845	930	6.8	76.6					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55				.1														1	1		
54/ 53			.1															1	1		
52/ 51		.1	.1															2	2		
5 / 49																				4	
48/ 47				.1														1	1		1
46/ 45		.3	.1	.1	.1													6	6		3
44/ 43		.5	.5															10	10	3	1
42/ 41		1.4	.5	.2														20	20	8	4
4 / 39	.3	2.7	.9	.1														37	37	28	11
38/ 37	1.4	3.7	1.1	.1														58	58	48	28
36/ 35	.9	5.2	1.5															70	70	56	38
34/ 33	1.7	3.5	1.2	.1														61	61	75	60
32/ 31	2.9	4.1	1.3	.3														79	79	76	72
3 / 29	1.8	4.6	1.7	.1														77	77	76	60
28/ 27	2.6	5.9	1.6	.2														96	96	81	78
26/ 25	.9	5.7	1.1															69	69	75	56
24/ 23	.4	4.4																45	45	74	53
22/ 21	.2	3.5	.4															39	39	43	62
2 / 19	1.5	2.8	.9															48	48	42	62
18/ 17	1.1	2.9	1.3															49	49	48	52
16/ 15	.1	2.1	.6															26	26	35	38
14/ 13	.3	1.5	1.4															30	30	31	32
12/ 11	.6	2.5	.3															32	32	26	27
1 / 9	.3	1.4	.3															19	19	36	32
8/ 7	.3	1.7	.2															21	21	17	26
6/ 5	.3	1.6																18	18	27	18
4/ 3		.9																8	8	9	24
2/ 1		.8																7	7	10	21
/ -1																				3	14
-2/ -3																					15
-4/ -5																					5
-6/ -7																					7
-8/ -9																					20
-10/-11																					7

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 7.-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
-1 / -13																					3
TOTAL	17.6	63.7	17.1	1.5	.1														930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6 71170	74114	79.7	13.321	930							
Dry Bulb	732873	24463	26.3	9.809	930		66.3					93
Wet Bulb	660052	23062	24.8	9.742	930	.3	70.8					93
Dew Point	532525	19197	20.6	12.111	930	7.1	78.4					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
JAN — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
2/ 51			.1															1	1		
5 / 49		.1	.1															2	2	1	
4E/ 47																				2	1
4c/ 45		.3	.4															7	7		2
44/ 43	.1	.4	.4															9	9	6	3
42/ 41		1.4	.9															21	21	7	1
4 / 39	.1	2.9	.4	.2														34	34	22	16
38/ 37	1.	3.2	.5	.2														46	46	41	17
36/ 35	1.1	4.7	1.8	.1														72	72	55	35
34/ 33	1.3	4.5	.2															56	56	66	67
32/ 31	3.[illegible]	5.1	.3															78	78	88	54
3 / 29	1.8	3.5	.6	.1														57	57	64	72
26/ 27	2.9	6.3	.6	.4														96	96	76	87
26/ 25	1.5	7.[illegible]	.9															87	87	72	44
24/ 23	.6	5.3	.3															58	58	87	57
22/ 21	.4	2.6	.2															30	30	53	61
2 / 19	1.8	3.5	.2															52	52	33	66
18/ 17	1.1	2.2	.9															38	38	53	45
16/ 15	.3	2.2	.5															28	28	24	36
14/ 13	.5	2.4	.8															34	34	33	27
12/ 11	.3	2.8	.5															34	34	24	38
1 / 9	.3	2.4	.4															29	29	40	32
8/ 7	.4	1.[illegible]																13	13	23	23
6/ 5	.3	1.[illegible]	.1															13	13	19	19
4/ 3		2.[illegible]																19	19	11	25
2/ 1		1.1																10	10	18	21
0/ -1	.4	.1																5	5	11	16
-2/ -3	.1																	1	1	1	16
-4/ -5																					6
-6/ -7																					6
-8/ -9																					26
-10/-11																					7
-12/-13																					2
-14/-15																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-10/-17																					1
TOTAL	19.	668.	0	11.4	1.1													930			930
																		930		93	

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.	6187411	74925	80.6	12.754	930							
Dry Bulb	699868	23702	25.5	10.155	930	.6	68.2					93
Wet Bulb	635829	22443	24.1	10.071	930	1.2	73.0					93
Dew Point	518761	18739	20.1	12.328	930	8.1	78.8					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214	FAIRCHILD AFB WA	70-79	JAN
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59				•1														1	1		
[illegible] / 57			•2	•1														6	6		
58 / 55			•1	•0														4	4		
[illegible] / 53		•1	•2															3	3	4	
52 / 51		•1	•1															7	7	5	1
50 / 49		•1	•1															9	9	11	4
48 / 47		•1	•1	•1														13	13	12	4
46 / 45	•1	•5	•3	•1	•1													72	72	14	36
44 / 43	•1	•4	•1	•1	•1													89	89	43	20
42 / 41	•1	1.2	•5	•2														146	146	65	33
40 / 39	•3	2.6	•7	•2														283	283	204	83
38 / 37	•8	2.6	1.3	•2														362	362	295	171
36 / 35	•9	4.4	1.5	•1	•1													518	518	492	257
34 / 33	1.9	4.1	1.5	•2	•1													583	583	602	432
32 / 31	2.5	5.5	•9	•2														637	637	633	545
30 / 29	1.9	4.4	1.0	•2														551	551	658	557
28 / 27	2.3	5.2	1.1	•2														646	646	579	626
26 / 25	1.2	5.8	•8	•1														580	580	532	493
24 / 23	•5	4.4	•4	•1														403	403	560	402
22 / 21	•7	3.7	•4	•1														360	360	445	447
20 / 19	1.3	3.7	•5	•1														412	412	349	482
18 / 17	•9	2.8	•5	•1														320	320	400	385
16 / 15	•4	2.2	•5															237	237	268	313
14 / 13	•4	2.1	•5															224	224	231	304
12 / 11	•6	2.1	•4															230	230	229	307
10 / 9	•5	2.2	•5															236	236	215	246
8 / 7	•4	1.5	•1															148	148	203	199
6 / 5	•2	1.2	•3															108	108	175	145
4 / 3	•3	1.1																99	99	98	137
2 / 1	•1	1.0																77	77	83	143
0 / -1	•3	•1																32	32	72	116
-2 / -3	•1	•2																18	18	23	124
-4 / -5	•1	•1																9	9	11	81
-6 / -7	•1	•1																15	15	8	99

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

USAFETAC FORM 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

24114 FAIRCHILD AFB WA 73-79 JAN
STATION STATION NAME YEARS 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
-5/ -9	.1																	2	2	11	123
-0/-11																					67
-1?/-13																					32
-14/-15																					11
-16/-17																					3
-18/-19																					10
-2 /-21																					1
-.2/-23																					1
TOTAL	18.7	64.8	14.4	2.0	.2												7440	7440	7440	7440	7440

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.	48944904	595516	80.0	13.109	7440							
Dry Bulb	5712079	191209	25.7	10.357	7440	7.6	534.4					744
Wet Bulb	5140483	180303	24.2	10.180	7440	12.5	578.3					744
Dew Point	4162311	150021	20.2	12.364	7440	66.8	639.9					744

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

0 1A93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
73-79 — YEARS
FEB — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 45		.1	.4															4	4		
[illegible] / 43		.7	.2															8	8	1	1
42 / 41		1.3	.5	.5														19	19	12	1
[illegible] / 39	.1	1.5	1.3	.4														28	28	11	10
38 / 37	.9	3.1	1.2	.6														49	49	37	18
[illegible] / 35	3.1	6.7	3.2	.2														112	112	74	43
34 / 33	1.9	9.8	3.1															125	125	96	55
[illegible] / 31	2.1	11.4	2.7	.2	.2													127	127	138	91
30 / 29	1.4	9.9	1.9	.2	.1													115	115	127	87
28 / 27	2.4	4.7	1.7	.1														75	75	115	112
26 / 25	.9	7.1	.8															74	74	64	124
24 / 23		2.1	1.1	.4														29	29	65	67
22 / 21	.2	2.1	.2	.4														25	25	26	66
20 / 19	.1	.8	.7															14	14	19	36
18 / 17		.2	.2	.2														6	6	16	28
16 / 15		1.1	.4	.1														13	13	12	17
14 / 13		.4																3	3	9	18
12 / 11		.2																2	2	6	14
10 / 9		.7																6	6	1	11
8 / 7																				5	9
6 / 5																					3
4 / 3		.2																2	2		6
2 / 1		.1																1	1	2	5
0 / -1		.1																1	1	1	6
-2 / -3		.1																1	1	2	
-4 / -5	.1																	1	1	1	3
-6 / -7	.5																	4	4	4	3
-8 / -9	.2																	2	2	2	1
-10 / -11																					3
-12 / -13																					1
-14 / -15																					3
-16 / -17																					3
-18 / -19																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3[illegible]14 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	14	163	618	3	1													846	846	846	846

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.	5659446	68408	80.9	12.305	846							
Dry Bulb	821266	25658	30.3	7.141	846	.9	49.7					84
Wet Bulb	733225	24175	28.6	7.084	846	1.0	61.1					84
Dew Point	594477	21067	24.9	9.093	846	2.4	71.3					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-2114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 47				.2														2	2		
46/ 45			.2															2	2		
44/ 43																				2	
42/ 41		.6	.2	.4														10	10	3	
40/ 39	.2	1.8	1.5	.4														33	33	11	4
38/ 37	1.4	2.7	.2	.2														33	33	30	20
36/ 35	3.5	5.3	1.3	.6														91	91	61	46
34/ 33	2.8	8.4	3.1															120	120	92	57
32/ 31	1.8	11.7	3.4															143	143	117	69
30/ 29	1.4	10.3	1.2	.1	.4													113	113	145	87
28/ 27	2.6	6.4	.8	.2														85	85	123	116
26/ 25	1.4	6.9	.6															75	75	71	111
24/ 23	.7	3.4	.6	.4														43	43	64	78
22/ 21	.1	2.8	.5															29	29	33	68
20/ 19	.4	1.2	.2	.4														18	18	25	52
18/ 17		.8	.4															8	8	18	26
16/ 15		1.2	.5															14	14	9	25
14/ 13		.4	.1															4	4	13	17
12/ 11		.7																6	6	5	12
10/ 9		.5																4	4	7	12
8/ 7		.1																1	1	4	7
6/ 5																				1	4
4/ 3		.2																2	2		10
2/ 1																				2	4
0/ -1	.2	.2																4	4	2	7
-2/ -3	.1																	1	1	3	1
-4/ -5	.4	.1																4	4	3	4
-6/ -7	.1																	1	1	2	2
-8/ -9																					4
-10/-11																					5
-14/-15																					1
-16/-17																					2
TOTAL	17.3	64.8	14.8	2.8	.4													846	846	846	846

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.	5805673	69321	81.9	12.188	846							
Dry Bulb	778933	24979	29.5	7.000	846	1.0	55.1					84
Wet Bulb	702164	23652	28.0	6.958	846	1.0	64.2					84
Dew Point	573873	25693	24.5	8.953	846	2.6	71.4					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

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
FEB — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-0/ 47				•1														1	1		
46/ 45			•6															5	5		
44/ 43		•2	•2	•2														4	4	2	
42/ 41		•2	•5	•2														8	8	6	
40/ 39	•5	1.9	•5															24	24	12	4
38/ 37	1.5	2.7	1.1	•4														46	46	32	30
36/ 35	2.4	4.4	•9															65	65	58	29
34/ 33	3.8	8.5	2.6	•7														132	132	80	57
32/ 31	2.1	10.9	2.4	•2														131	131	113	69
30/ 29	2.4	9.1	1.5															110	110	145	84
28/ 27	1.5	9.4	1.3	•4														103	103	118	119
26/ 25	1.7	6.7	•6															76	76	93	103
24/ 23	•6	3.3	•6															38	38	53	89
22/ 21	•3	2.5	•6															33	33	42	73
20/ 19	•3	1.1	•7															17	17	21	53
18/ 17	•2	•6	•1	•4														11	11	16	27
16/ 15		•8	•2															9	9	13	22
14/ 13	•1	•5	•6															10	10	9	12
12/ 11		•7																5	5	7	15
10/ 9		•6																5	5	10	9
8/ 7																				4	5
6/ 5																					5
4/ 3																					8
2/ 1		•1																1	1		7
0/ -1	•4																	3	3	4	7
-2/ -3	•5	•1																5	5	5	1
-4/ -5	•4																	3	3	3	
-6/ -7																					7
-8/ -9																					5
-10/-11																					6
TOTAL	18.6	63.7	15.0	2.5														846	846	846	846

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.	5863348	69696	82.4	11.995	846							
Dry Bulb	770768	24820	29.3	7.100	846	1.1	55.7					84
Wet Bulb	597083	23545	27.8	7.034	846	1.2	65.1					84
Dew Point	571286	20664	24.4	8.875	846	2.6	72.1					84

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC AIR 84
1095

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 78-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
54/ 53					.3													2	2		
5 / 49				.1														1	1		
52/ 47			.1	.2														3	3	2	
48/ 45		.8	.8		.2													16	16	2	
44/ 43		.9	.6	.5	.2													19	19	9	5
42/ 41		1.4	1.2	.9	.1													31	31	16	2
40/ 39	.1	2.1	1.7	.7														39	39	25	14
38/ 37	1.9	3.9	3.2	.6														81	81	54	38
36/ 35	2.1	7.4	4.6	.6														125	125	80	44
34/ 33	2.2	7.4	4.1	.7														123	123	131	64
32/ 31	1.7	7.1	3.9	.5	.2													112	112	119	83
30/ 29	1.9	7.3	1.9		.2													96	96	128	113
28/ 27	1.3	5.7	1.4	.1														72	72	95	101
26/ 25	.6	3.4	.7	.1														41	41	63	111
24/ 23	.4	.8	.8	.2														19	19	35	65
22/ 21		1.3	.8															18	18	18	63
20/ 19		.5	.4	.5														11	11	16	28
18/ 17		.6	.2															7	7	12	26
16/ 15		.4	.1															4	4	7	9
14/ 13	.4	.2	.1															6	6	10	9
12/ 11		.6	.1															6	6	4	15
10/ 9		.2																2	2	5	9
8/ 7		.2																2	2	3	4
6/ 5																				2	5
4/ 3		.1																1	1		12
2/ 1		.6																5	5	2	5
0/ -1		.1																1	1	4	4
-2/ -3	.2	.1																3	3	4	2
-4/ -5																					4
-6/ -7																					6
-8/ -9																					3
-10/-11																					1
-12/-13																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 14 — STATION
FAIRCHILD AFB WA — STATION NAME
73-79 — YEARS
FEB — MONTH

PAGE 2
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	12.	853.	326.	8	5.8	1.3												846	846	846	846

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.	5415468	66743	78.9	13.119	846							
Dry Bulb	913100	27096	32.0	7.319	846	.4	40.3					84
Wet Bulb	799810	25316	29.9	7.071	846	.8	52.3					84
Dew Point	634299	21909	25.9	8.899	846	2.1	67.4					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23114	FAIRCHILD AFB WA	73-79	FEB
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5-/ 85				.4		.1												1	1		
-4/ 83			.1	.2	.3	.1												7	7		
82/ 81			.2		.5	.2												9	9		
8 / 79		.1	.3	.5	.7													19	19	3	
-4/ 77		.1	.4	1.1	.5	.9												22	22	10	
6-/ 75		1.1	1.1	.7	1.3	.1												40	40	7	10
74/ 73		.6	1.5	2.1	1.1													44	44	24	6
72/ 71		1.7	3.3	1.9	.2	.2												52	62	32	7
4 / 69	.2	2.8	3.7	2.6	.9													87	87	58	19
68/ 67	1.1	3.5	5.6	2.1	.1													105	105	98	42
66/ 65	.9	4.1	5.7	2.6	.2	.5												119	119	97	50
64/ 63	1.7	5.2	3.8	1.1	.1	.1												101	101	127	89
62/ 61	.6	4.4	2.5	.8														70	70	130	92
0 / 59	.7	2.5	1.3	.4														41	41	85	97
58/ 57	.5	3.7	1.2	.6														50	50	56	105
56/ 55	.4	1.3	.4	.1	.1													19	19	45	110
54/ 53		.5	.8	.2	.1													14	14	15	51
52/ 51		.1	.1	.2														4	4	12	35
0 / 49		.5																5	5	9	29
48/ 47		.7	.2															9	9	9	22
46/ 45		.2	.1															3	3	8	9
44/ 43		.5																4	4	6	14
42/ 41																				4	10
0 / 39		.2																3	3		7
38/ 37		.2																2	2	3	10
36/ 35		.1																1	1	2	11
34/ 33		.2																3	3	4	1
32/ 31	.1	.1																2	2	1	7
/ -1																				1	3
-2/ -3																					2
-4/ -5																					4
-6/ -7																					1
-8/-11																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 7[illegible]-79 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.P./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	[illegible].1	34.9	32.9	17.4	7.[illegible]	1.8													846	846	846	846

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.	4623821	61209	72.4	15.202	846							
Dry Bulb	1134392	30282	35.8	7.728	846		22.8					84
Wet Bulb	935350	27504	32.5	6.981	846	.1	38.7					84
Dew Point	690673	23005	27.2	8.778	846	1.3	61.9					84

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	70-79	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 - / 55				.2	.2													4	4		
54/ 53			.1	.2	.2	.5												9	9		
52/ 51			.2	.4	1.4	.5												21	21	1	
5 / 49			.1	.7	1.3													18	18	4	
48/ 47			.5	.5	.8	.7												21	21	6	
46/ 45		.5	1.3	1.9	.7	.1												38	38	11	7
44/ 43		.8	1.4	3.2	.9	.2												56	56	28	5
42/ 41		1.7	3.0	2.7	.5	.4												63	63	41	5
4 / 39	.1	3.2	3.1	1.7	.9													73	73	55	20
38/ 37	1.4	5.0	6.3	3.9	.4													138	138	109	43
36/ 35	.5	4.6	5.3	2.5	.4	.5												116	116	103	64
34/ 33	1.3	3.9	3.0	1.2	.6													84	84	127	98
32/ 31	.5	4.1	1.5	.6	.7													63	63	113	91
3 / 29	.1	2.4	1.8	.5														40	40	80	78
28/ 27	.9	1.9	1.4	.4														39	39	54	114
26/ 25	.5	1.3			.4													18	18	43	96
24/ 23		.6	.6		.2													12	12	23	49
22/ 21			.9	.1														5	5	7	40
2 / 19		.6	.2															8	8	11	37
18/ 17		.2	.2															4	4	4	19
16/ 15		.1	.4															4	4	9	13
14/ 13		.4																3	3	4	7
12/ 11		.2																2	2	4	9
10/ 9		.1																1	1	2	10
8/ 7	.1	.2																3	3	3	13
6/ 5																				1	6
4/ 3																					4
2/ 1		.2																2	2	1	5
0/ -1		.1																1	1	1	4
-2/ -3																				1	2
-4/ -5																					1
-6/ -7																					2
-8/ -9																					
-10/-11																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24-14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.4	31.9	3`.7	19.5	9.6	2.8												846	346	846	846

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.	4428125	59741	70.6	15.744	846							
Dry Bulb	1180854	30928	36.6	7.707	846	.1	20.4					84
Wet Bulb	959548	27894	33.0	6.866	846	.2	35.8					84
Dew Point	693653	23067	27.3	8.751	846	1.3	60.0					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
FEB — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 5				.4														3	3		
5 / 49			.2	.2														4	4		
4c/ 47			.1	.4	.4	.1												8	8	1	
5>/ 45		.4	.9	.8	.1													19	19	4	
4/ 43		1.2	.7	1.2	.2													28	28	9	4
42/ 41		.9	2.1	2.4	.2													48	48	25	4
4 / 39	.5	2.1	2.6	.9	.1													53	53	29	19
36/ 37	.9	4.4	5.6	.9														100	100	66	25
36/ 35	1.7	8.2	4.3	1.1														128	128	123	55
34/ 33	1.2	7.9	6.3	2.3	.2													149	149	117	63
32/ 31	.2	5.2	4.8	.4	.4													86	86	127	110
3 / 29	.6	4.3	3.2	.5	.1													73	73	104	107
28/ 27	1.2	3.2	1.7	.4	.1													55	55	89	108
26/ 25	.1	2.2	.6	.4														28	28	48	91
24/ 23	.2	.9	.5	.2														16	16	32	56
22/ 21	.1	.7	.4	.2														12	12	19	57
2 / 19		1.1	.5	.2														15	15	14	35
18/ 17																				13	23
16/ 15		.3	.1															3	3	3	23
14/ 13		.5	.1															5	5	5	7
12/ 11		.1																1	1	5	7
1 / 9		.4																3	3	1	8
8/ 7		.4																3	3	5	13
6/ 5																				1	5
4/ 3		.4																3	3		2
2/ 1																				3	9
/ -1																					3
-2/ -3	.1																	1	1	1	2
-6/ -7	.1																	1	1	1	2
-8/ -9	.1																	1	1	1	2
-1 /-11																					4
-16/-17																					1
-18/-19																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24-14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	7.1	44.6	33.8	12.5	1.9	.1												846	846	846	846

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.	5 23727	64147	75.8	13.754	846							
Dry Bulb	993338	28364	33.5	7.381	846	.3	30.4					84
Wet Bulb	847024	26156	30.9	6.737	846	.3	46.9					84
Dew Point	649597	22259	26.3	8.699	846	1.5	67.1					84

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

USAFETAC

C 1999

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
FEB — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.D./W.B.	Dry Bulb	Wet Bulb	Dew Point
-8/ 47			.4															3	3		
46/ 45		.4	.4	.1														7	7	1	1
44/ 43		.9	.6	.2														15	15	5	2
42/ 41		.7	1.3	.5	.1													22	22	11	
4 / 39	.6	2.1	2.7	.3														50	50	23	16
38/ 37	1.1	4.3	3.4	.4														77	77	48	18
36/ 35	2.4	7.8	3.7	.6														116	116	101	54
34/ 33	1.5	8.6	4.8	.2	.1													130	130	97	63
32/ 31	1.4	9.5	2.6	.9	.4													125	125	144	84
3 / 29	1.1	7.4	3.1	.2														100	100	114	116
28/ 27	1.2	5.0	1.4															64	64	102	105
26/ 25	.4	3.1	1.2	.4														41	41	66	110
24/ 23		1.1	.4	.6														17	17	33	58
22/ 21	.1	3.2	.5	.1														33	33	26	57
2 / 19	.5	.8	.7	.1														16	16	25	30
18/ 17		.1	.4	.2														6	6	14	31
16/ 15		1.1																9	9	12	24
14/ 13			.1															1	1	8	10
12/ 11		.1																1	1	2	13
1 / 9		.1																1	1	1	13
8/ 7		.8																5	5	4	8
6/ 5		.1																1	1	2	5
4/ 3																				1	1
2/ 1																					9
0 / -1	.1																	1	1	1	4
-2/ -3		.1																1	1	1	1
-4/ -5	.1																	1	1	1	4
-8/ -9	.4																	3	3	3	
-10/-11																					5
-12/-13																					1
-16/-17																					1
-18/-19																					2
TOTAL	10.8	56.7	26.8	5.1	.8													846	846	846	846

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.	5437098	66952	79.1	12.805	846							
Dry Bub	887743	26769	31.6	6.942	846	.6	42.3					84
Wet Bulb	779493	25123	29.8	6.817	846	.6	55.6					84
Dew Point	621002	21672	25.6	8.826	846	1.8	68.7					84

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

24214 FAIRCHILD AFB WA 73-79 FEB
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 55					.1	.1												5	5		
54/ 53				.1	.1	.1	.1											18	18		
52/ 51				.1	.1	.3	.1											33	33	1	
50/ 49			.1	.1	.2	.3												42	42	7	
48/ 47			.1	.2	.3	.2	.2											60	60	19	
46/ 45			.4	.7	.4	.4	.1											131	131	25	18
44/ 43			.7	.7	.9	.3	.1											174	174	80	23
42/ 41		1.1	1.5	1.1	.1	.1												263	263	146	19
40/ 39	.3	2.2	2.1	.9	.2													387	387	224	106
38/ 37	1.3	3.6	3.3	1.1	.1													629	629	474	234
36/ 35	2.1	6.1	3.5	1.1	.1	.1												872	872	697	385
34/ 33	2.1	7.5	3.8	.7	.1	.1												964	964	867	546
32/ 31	1.3	7.9	2.8	.5	.2													857	857	1001	689
30/ 29	1.2	6.6	2.0	.2	.1													688	688	928	769
28/ 27	1.4	4.9	1.4	.3	.1													543	543	752	880
26/ 25	.7	4.1	.6	.1	.1													372	372	493	856
24/ 23	.2	1.6	.7	.3	.1													188	188	320	513
22/ 21	.2	1.6	.4	.1														159	159	183	459
20/ 19	.1	.8	.4	.1														104	104	141	300
18/ 17	.1	.4	.2	.1														51	51	102	202
16/ 15		.6	.2	.1														59	59	73	137
14/ 13	.1	.3	.1															36	36	64	94
12/ 11		.3	.1															24	24	37	95
10/ 9		.4																25	25	27	79
8/ 7	.1	.2																16	16	31	69
6/ 5		.1																2	2	9	44
4/ 3		.2																11	11	5	44
2/ 1	.1	.1																11	11	11	51
0/ -1	.1	.1																11	11	14	38
-2/ -3	.1	.1																12	12	17	11
-4/ -5	.1	.1																9	9	8	20
-6/ -7	.1																	6	6	7	21
-8/ -9	.1																	6	6	6	17
-10/-11																					31

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]14 | FAIRCHILD AFB WA | 7[illegible]-79 | FEB
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
-1 /-1[illegible]																					3
-1[illegible]/-16																					4
-1[illegible]/-17																					7
-1[illegible]/-19																					4
TOTAL	11.5	51.7	25.0	6.6	2.6	.6												6768	6768	6768	6768

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.	42251702	526214	77.8	14.064	6768							
Dry Bulb	7483[illegible]94	218896	32.3	7.695	6768	4.4	316.7					672
Wet Bulb	6453[illegible]07	203265	30.0	7.180	6768	5.2	419.8					672
Dew Point	5028860	174336	25.8	8.918	6768	15.5	539.8					672

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAR MONTH

 0000-3200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 57 / 53		.1																1	1		
56 / 51		.2																2	2	1	1
52 / 49			.2															2	2	2	1
50 / 47		.3	.3	.4														10	10		1
46 / 45	.6	.8	1.3	.4														29	29	15	10
44 / 43	.1	1.9	2.7	.5														49	49	14	7
42 / 41	.8	1.2	1.5	1.3	.3													47	47	42	14
40 / 39	1.0	2.4	2.0	2.5	.8													80	80	51	32
38 / 37	1.3	3.0	3.4	1.9	.8	.1												98	98	54	46
36 / 35	.9	6.1	4.8	2.2	.6													136	136	82	38
34 / 33	1.1	8.6	4.1	1.5	.2													143	143	119	55
32 / 31	.9	6.8	3.9	.6	.2													115	115	177	91
30 / 29	.8	5.3	2.8	.3	.1													84	84	127	115
28 / 27	.8	2.9	3.7	.4														72	72	103	105
26 / 25	.1	2.2	.8	.3														31	31	53	119
24 / 23	.1	.6	.2															9	9	54	61
22 / 21		.3	.1															4	4	11	58
20 / 19			.1															1	1	7	63
18 / 17		.4	.1															5	5	2	43
16 / 15		.2	.5															7	7	6	29
14 / 13																				5	13
12 / 11		.1																1	1	1	7
10 / 9	.1	.3																4	4	3	3
8 / 7																				2	13
6 / 5																					3
4 / 3																					4
2 / 1																					4
0 / -1																					3
TOTAL	6.1	43.8	32.6	12.5	3.0	.1												930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5479739	70239	75.5	13.720	930							
Dry Bulb	1136280	32024	34.4	6.010	930		33.3					93
Wet Bulb	968731	29503	31.7	5.941	930		55.1					93
Dew Point	741745	25211	27.1	7.923	930	.3	72.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAR MONTH

PAGE 1 | 0300-0500 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 / 47	.2	.1																2	2	1	1
1 / 47	.1	.1																2	2	2	2
4 / 45	.4	.9	1.1	.1														23	23	8	6
4 / 43		1.2	.9	.1														22	22	6	3
2 / 41	1.7	2.3	1.3	.8	.1													48	48	34	17
4 / 39	1.	2.7	2.7	1.3														65	65	45	20
3 / 37	1.4	2.7	2.4	1.6	.5													81	81	52	49
3 / 35	1.1	5.1	2.4	1.7	.1													96	96	61	39
3 / 33	.5	9.7	3.1	2.3	.2													147	147	105	38
2 / 31	1.9	9.1	4.3	1.1	.2													154	154	153	91
3 / 29	1.1	8.1	2.9	.2														113	113	160	119
1 / 27	1.2	4.1	2.4	.1														72	72	128	108
1 / 25	.6	3.3	.8	.2														46	46	66	105
0 / 23		1.7	.5															21	21	46	81
2 / 21		.5	.4															9	9	22	63
1 / 19	.3	.3	.4															10	10	15	62
1 / 17	.1	.3																4	4	8	38
1 / 15		.3	.3															6	6	3	32
1 / 13		.2	.2															4	4	5	16
1 / 11																				5	6
1 / 9		.3	.1															4	4	2	9
0 / 7		.1																1	1	1	6
0 / 5																				2	8
0 / 3																					2
0 / 1																					2
0 / -1																					3
-2 / -3																					3
-8 / -9																					1
TOTAL	10.9	52.8	25.5	9.8	1.3													930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5828491	72547	78.0	13.499	930							
Dry Bulb	1042443	30627	32.9	6.034	930		44.4					93
Wet Bulb	908163	26523	30.7	5.993	930		61.6					93
Dew Point	710770	24622	26.5	7.962	930	.7	75.5					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

20114 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
51/ 49	.3																	3	3	3	3
49/ 47		.3	.1	.1														5	5		
47/ 45		.5	1.5	.1														20	20	7	6
45/ 43	.1	1.3	1.4	.5	.3	.1												35	35	12	3
43/ 41	.3	1.4	1.6	.9	.2													45	45	28	14
41/ 39	.6	3.4	2.2	.9	.2													68	68	48	23
39/ 37	1.1	3.7	2.5	1.2														71	71	55	34
37/ 35	1.1	5.6	2.8	1.9	.1													106	106	74	54
35/ 33	.8	8.7	4.4	1.5	.1													144	144	104	53
33/ 31	1.9	8.9	3.7	1.5														149	149	146	94
31/ 29	1.8	7.1	3.4	.6														119	119	171	111
29/ 27	1.2	3.4	1.9	.1														62	62	113	123
27/ 25	.5	2.4	.3	.1														31	31	61	105
25/ 23	.1	2.7	.6															32	32	45	63
23/ 21	.1	.4	.3															8	8	25	60
21/ 19	.3	.3	.6															12	12	11	71
19/ 17		.3																3	3	6	38
17/ 15		.5	.1															6	6	9	18
15/ 13		.1	.3															4	4	3	14
13/ 11	.1	.3																4	4	3	7
11/ 9		.1																1	1	5	13
9/ 7	.1																	1	1	2	9
7/ 5																					4
5/ 3																					2
3/ 1																					4
1/ -3																					1
-1/ -5																					2
TOTAL	10.5	51.0	27.9	9.5	1.0	.1													929		929
																		929		929	

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.	5866009	72789	78.4	13.247	929							
Dry Bulb	1054692	30770	33.1	6.188	929		43.2					93
Wet Bulb	917221	28647	30.8	6.040	929		59.9					93
Dew Point	722178	24878	26.8	7.766	929	.3	74.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 70-79 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
74/ 69						.1												1	1		
68/ 57					.2	.1	.1											4	4		
55/ 55					.2	.1												3	3		
54/ 53				.1	.2	.2	.4											8	8		
52/ 51				.8	.3	1.1	.1	.1										22	22	3	
51/ 49			.1	.4	.5	1.1	.5	.2	.1									29	29	8	
49/ 47		.2	.4	.8	1.7	.5	1.1	.1										45	45	11	4
48/ 45		.4	.4	2.4	2.4	2.2	.8	.1										80	80	25	16
47/ 43		.5	1.1	2.4	2.6	1.4	.6	.1										80	80	37	19
42/ 41		.2	1.5	3.1	2.7	1.1	.8											85	85	63	9
41/ 39		.2	2.4	2.7	4.1	.6	.5											98	98	76	28
38/ 37		.4	2.9	4.7	3.1	.6	.2											112	112	107	46
36/ 35		.8	3.2	4.7	2.5	.6												110	110	118	77
34/ 33		.9	4.8	2.5	2.1	.2												97	97	148	78
32/ 31	.1	.1	3.1	1.2	.6	.3												59	59	126	83
31/ 29		.5	1.3	1.3	.4	.2												35	35	86	118
28/ 27		.1	1.3	.9	.4													25	25	43	124
26/ 25			.8	.5	.1													13	13	28	79
24/ 23			.6	.2														8	8	23	37
22/ 21			.3	.3	.1													7	7	11	66
20/ 19		.1	.1	.2														4	4	6	42
18/ 17			.1	.2														3	3	3	36
16/ 15			.1	.1														2	2	4	20
14/ 13																				3	13
12/ 11																				1	6
10/ 9																					12
8/ 7																					6
6/ 5																					6
4/ 3																					1
2/ 1																					1
0/ -1																					2
-2/ -3																					1
TOTAL	5.5	24.5	29.4	24.4	10.2	5.2	.9	.1										930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4552529	63323	68.1	16.104	930							
Dry Bulb	1430324	35908	38.6	6.873	930		15.6					93
Wet Bulb	1141012	32280	34.5	6.087	930		33.4					93
Dew Point	983594	26292	28.3	8.056	930	.3	65.3					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

24-114	FAIRCHILD AFB WA	73-79	MAR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 65							.1											1	1		
64/ 63						.2	.2											4	4		
62/ 61					.5	.1	.1											3	3		
60/ 59				.1	.1	.2	.6											10	10		
58/ 57			.1		.6	1.1	.5											22	22		
56/ 55			.2	.3	.3	.9	.5	.1										22	22		
54/ 53		.1	.4	.3	.9	1.9	.9											42	42	7	
52/ 51		.3	.1	.6	1.8	.9	.5	.4										44	44	8	
50/ 49	.1	.3	.4	1.1	1.6	1.7	.9	.4										60	60	26	11
48/ 47	.2	.4	.6	2.2	3.1	1.2	1.1	.3										83	83	29	4
46/ 45	.2	.5	.5	3.4	4.7	1.7	.6											110	110	40	17
44/ 43	.2	.9	1.5	3.5	3.7	1.5	.3											108	108	52	17
42/ 41	.1	1.5	1.9	3.1	2.4	1.3												95	95	80	17
40/ 39		1.2	1.8	3.3	2.4	.9												89	89	107	37
38/ 37	.5	2.2	1.5	1.8	1.9	.1												75	75	136	48
36/ 35	.2	1.9	1.2	1.3	.8	.1												51	51	128	74
34/ 33	.6	2.4	.3	.3	1.1													43	43	119	77
32/ 31	.3	.6	.6	1.2	.3													29	29	71	98
30/ 29		.3	1.7	.5														17	17	44	107
28/ 27		.3	.4	.1														8	8	21	82
26/ 25		.4	.1	.3														8	8	30	68
24/ 23				.3														3	3	12	56
22/ 21			.2	.1														3	3	1	42
20/ 19																				6	52
18/ 17																				3	38
16/ 15																					24
14/ 13																					18
12/ 11																					12
10/ 9																					14
8/ 7																					5
6/ 5																					5
4/ 3																					3
2/ 1																					2

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2- 14 — STATION
FAIRCHILD AFB WA — STATION NAME
73-79 — YEARS
MAR — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	[illegible]	13.4	13.1	23.9	25.6	13.2	6.3	1.3										930	930	930	930

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.	3463639	54387	58.5	17.455	930							
Dry Bulb	1787664	40194	43.2	7.373	930		6.8					93
Wet Bulb	1317245	34515	37.1	6.233	930		18.8					93
Dew Point	826410	26554	28.6	8.694	930		62.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14-14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 65							.1	.1										2	2		
64/ 63						.2	.2		.1									5	5		
62/ 61							.4	.1	.1									6	6		
60/ 59					.3	.5	.6	.3										17	17		
58/ 57			.1		.4	1.5	.5	.1										25	25		
56/ 55			.1	.3	.1	.6	1.0	.1										21	21	3	
54/ 53		.1	.1	.2	1.1	1.5	1.3	.2										41	41	3	
52/ 51	.1			.8	1.7	1.1	1.8	.4										55	55	13	3
50/ 49	.2	.9	.5	.6	1.8	2.2	.6	.5										69	69	20	5
48/ 47	.2	.2	.1	1.8	2.3	1.9	1.1	.2										73	73	40	9
46/ 45	.1	1.2	.8	2.2	4.6	3.7	.8											123	123	37	14
44/ 43	.2	1.4	1.2	3.4	3.4	1.8	.5											112	112	72	20
42/ 41	.1	1.3	1.6	2.4	2.3	1.0												80	80	88	29
40/ 39		2.2	1.8	1.9	1.6	.9												78	78	95	25
38/ 37		1.3	1.3	2.3	1.5	.8												66	66	135	53
36/ 35	.4	3.0	1.7	1.3	.4	.4												68	68	138	69
34/ 33	.3	1.5	.3	.3	.5													28	28	107	74
32/ 31	.2	.8	.2	1.5	.3													28	28	71	89
30/ 29	.1	.4	.5	.8														17	17	36	86
28/ 27			.3															3	3	24	91
26/ 25		.4		.8														11	11	30	83
24/ 23				.2														2	2	8	55
22/ 21																				1	55
20/ 19																				6	41
18/ 17																				2	37
16/ 15																					23
14/ 13																					21
12/ 11																					16
10/ 9																					4
8/ 7																					3
6/ 5																					3
4/ 3																					8
2/ 1																					2
0/ -1																					2

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

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSO.

USAFETAC 1104 4, JAN 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	2.0	14.6	10.8	20.8	22.6	13.5	8.5	2.3										930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	total
Rel. Hum.	3322724	52852	56.8	18.535	930							
Dry Bulb	1845225	40831	43.9	7.522	930		6.1					93
Wet Bulb	1338004	34794	37.4	6.247	930		17.9					93
Dew Point	820419	26321	28.3	9.014	930	.2	62.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1													1	1		
62/ 61							.1											1	1		
60/ 59			.1				.1											2	2		
58/ 57			.1		.1	.3												5	5		
56/ 55				.2	.4	.2												8	8	3	
54/ 53		.1	.2	.3	.8	.5	.1											19	19		1
52/ 51		.3	.1	.4	.9	.6	.1											23	23	1	2
50/ 49		.2	.4	1.0	1.1	.8	.3											34	34	13	2
48/ 47		1.1	.6	2.0	1.7	.6	.2											59	59	18	4
46/ 45	.3	.4	1.8	2.6	1.4	.8	.1											69	69	26	14
44/ 43	.4	1.4	2.7	2.7	1.9	1.1	.1											90	90	44	18
42/ 41	.6	2.3	2.5	2.9	1.5	.9	.1											100	100	83	23
40/ 39	.2	1.5	3.9	2.8	1.3	.4	.1											94	94	87	34
38/ 37	.1	2.9	5.4	2.5	1.5	.1												116	116	93	52
36/ 35	.9	4.3	3.8	2.6	.4	.1												112	112	138	63
34/ 33	.2	3.5	3.0	2.3	.6	.1												91	91	129	85
32/ 31	.2	.9	1.7	.8	.4													37	37	100	104
30/ 29	.2	.5	1.6	1.4	.1													36	36	94	85
28/ 27		.3	.6															11	11	31	102
26/ 25		.5	.2	.1														8	8	37	80
24/ 23		.1	.2	.4														7	7	17	39
22/ 21			.2	.2														4	4	2	69
20/ 19		.2																2	2	5	51
18/ 17		.1																1	1	7	24
16/ 15																				2	30
14/ 13																					10
12/ 11																					11
10/ 9																					7
8/ 7																					7
6/ 5																					5
4/ 3																					3
2/ 1																					2
0/ -1																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214	FAIRCHILD AFB WA	70-79	MAR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — HOURS (L. S. T.): 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.2	21.7	28.5	25.2	14.2	6.6	1.4											930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4283426	61194	65.8	16.531	930							
Dry Bulb	1517201	37031	39.8	6.779	930		10.6					93
Wet Bulb	1192302	32810	35.3	6.119	930		29.5					93
Dew Point	823631	26527	28.5	8.491	930	.3	63.2					93

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

94214 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57		.1																1	1		
56/ 55		.1			.3													3	3	1	
54/ 53					.3													3	3	1	2
52/ 51		.1	.1			.1												3	3	1	1
50/ 49		.1	.6		.2	.2												11	11		
48/ 47	.2	.4	.8	1.1	.8													29	29	9	2
46/ 45	.3	1.1	2.5	1.5	1.7	.1												60	60	17	9
44/ 43	.9	.9	2.6	1.2	.9	.1												59	59	33	19
42/ 41	.9	2.5	2.2	2.2	1.1	.3												81	81	51	20
40/ 39		2.4	3.4	2.1	1.5	.2												89	89	64	25
38/ 37	.8	2.9	4.9	1.7	1.2	.2												109	109	73	47
36/ 35	.9	5.3	6.9	2.3	.5													147	147	119	52
34/ 33	1.1	5.6	4.8	1.9	.1													125	125	136	78
32/ 31	.6	2.8	3.7	1.1	.1													77	77	155	86
30/ 29	.3	2.6	2.4	.8	.3													59	59	102	106
28/ 27		1.9	2.4	.2														42	42	75	108
26/ 25		1.1	.4	.1														15	15	43	101
24/ 23		.1	.2															3	3	30	55
22/ 21		.1																1	1	7	61
20/ 19			.9															8	8	3	55
18/ 17			.2															2	2	2	34
16/ 15																				8	25
14/ 13		.1																1	1	1	9
12/ 11	.1	.1																2	2	2	6
10/ 9																					10
8/ 7																					5
6/ 5																					8
4/ 3																					4
2/ 1																					2
TOTAL	5.6	30.2	38.9	15.9	8.1	1.3													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4982583	66601	71.6	15.143	930							
Dry Bulb	1290775	34173	36.7	6.145	930		21.0					93
Wet Bulb	1064456	30982	33.3	5.899	930		42.8					93
Dew Point	784028	25938	27.9	8.077	930		67.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAR 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
66/ 65							.1	.1										3	3		
64/ 63					.1	.1	.0	.0										10	10		
62/ 61					.1	.1	.0	.0										11	11		
0 / 59			.1	.0	.1	.1	.2	.0										29	29		
58/ 57		.1	.0	.0	.2	.4	.1	.0										5	57		
56/ 55		.1	.2	.1	.1	.2	.2	.0										57	57	7	
54/ 53		.1	.1	.1	.4	.5	.3	.0										114	114	11	3
52/ 51	.1	.1	.1	.3	.4	.3	.3	.1										149	149	27	7
50/ 49	.1	.2	.3	.4	.7	.7	.3	.1										210	210	73	23
48/ 47	.1	.4	.4	1.2	1.0	.6	.3	.1										306	306	109	26
46/ 45	.3	.7	1.5	1.6	1.7	.9	.2											514	514	175	92
44/ 43	.3	1.2	1.8	1.9	1.5	.7	.1											555	555	277	106
42/ 41	.5	1.7	1.9	2.7	1.1	.5	.1											581	581	469	143
4 / 39	.4	2.3	2.5	2.4	1.1	.4	.1											661	661	572	224
38/ 37	.7	2.8	3.3	2.3	1.1	.2												728	728	705	375
36/ 35	.8	4.3	3.5	2.7	.5	.1												826	826	858	466
34/ 33	.7	5.6	2.8	1.5	.4	.1												818	818	967	538
32/ 31	.9	4.1	2.4	1.0	.2													648	648	998	736
3 / 29	.6	3.2	2.0	.6	.1													480	480	821	847
28/ 27	.4	1.8	1.6	.2														295	295	538	843
26/ 25	.2	1.4	.4	.3														163	163	347	740
24/ 23	.1	.7	.3	.1														85	85	235	449
22/ 21	.1	.2	.2	.1														36	36	80	474
2 / 19	.1	.1	.3															37	37	59	437
18/ 17	.0	.2	.1															18	18	33	288
16/ 15		.1	.1															21	21	32	192
14/ 13		.1	.1															9	9	17	114
12/ 11	.1	.1																7	7	12	71
1 / 9	.1	.1	.0															9	9	10	82
8/ 7	.1	.0																2	2	5	54
6/ 5																				2	42
4/ 3																					27
2/ 1																					19
0/ -1																					13

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 FAIRCHILD AFB WA 73-79 MAR
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-1/ -3																					5
-4/ -5																					2
-6/ -9																					1
TOTAL	6.	31.	42	5.8	17.	7	10.7	5.7	2.1	.5									7439		7439
																		7439		7439	

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.	3777614	513932	69.1	17.472	7439							
Dry Bulb	11104604	281558	37.8	7.760	7439		181.0					744
Wet Bulb	8846934	251854	33.9	6.561	7439		318.9					744
Dew Point	6234775	206343	27.7	8.291	7439	2.1	543.7					744

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

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry ulb	TOTAL Wet Bulb	TOTAL Dew Point
67/ 65									.1									1	1		
64/ 63								.2										2	2		
62/ 61								.1										1	1		
60/ 59						.3		.2										5	5		
58/ 55						.4	.2											6	6		
54/ 53				.7	.7	.2	.3											17	17		
52/ 51	.1			.7	.5	.2	.3											17	17	2	1
50/ 49	.1	.1	.4	1.2	.7	.9	.2											33	33	6	1
48/ 47	.1		1.1	1.2	1.1	.4												36	36	12	1
46/ 45	.3	1.2	2.8	2.3	2.4	.7												88	88	34	4
44/ 43		.4	2.8	3.9	1.2	.6												80	80	41	10
42/ 41		2.6	4.2	2.9	1.9	.3												99	99	55	19
40/ 39	.9	3.4	2.8	3.6	1.4	.6												114	114	110	39
38/ 37	.9	3.0	3.8	3.1	.9													104	104	134	66
36/ 35	.2	3.7	4.7	2.6	.1													101	101	96	79
34/ 33	.6	3.6	3.3	2.1	.2													87	87	117	103
32/ 31	.1	3.4	2.8	1.7														72	72	132	84
30/ 29		1.1	.8	.3														20	20	79	88
28/ 27		.1	1.8															15	15	49	112
26/ 25																				20	103
24/ 23		.1																1	1	11	37
22/ 21		.1																1	1	1	45
20/ 19																				1	49
18/ 17																					22
16/ 15																					19
14/ 13																					13
12/ 11																					3
10/ 9																					2
TOTAL	3.3	22.9	31.1	26.1	10.2	4.7	1.1	.6	.1									900	900	900	900

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.	4370217	61195	68.0	15.258	900							
Dry Bulb	1459567	35791	39.8	6.349	900		10.9					90
Wet Bulb	1159286	31938	35.5	5.369	900		29.3					90
Dew Point	821087	26469	29.4	6.886	900		57.7					90

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

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214	FAIRCHILD AFB WA	73-79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 5								.3										3	3		
5 / 59						.1		.1										2	2		
58/ 57					.1		.1											2	2		
56/ 55					.1													1	1		
54/ 53				.1		.7	.1											8	8		
52/ 51			.3	.2	.1													6	6		
5 / 49			.3	.4	.7	.6												18	18	2	
48/ 47	.2	.2	.9	.8	.7	.1												26	26	10	2
46/ 45	.2	1.1	1.7	1.4	1.2	.2												53	53	16	4
44/ 43	.2	1.2	2.9	2.2	.7													65	65	31	10
42/ 41		2.1	3.7	2.1	.8	.3												80	80	52	15
4 / 39	.8	3.7	4.7	2.6	.4													109	109	74	33
38/ 37	1.1	4.2	3.7	2.3	.4													105	105	113	44
36/ 35	1.1	4.1	4.0	1.8	.3													101	101	114	79
34/ 33	1.1	5.1	5.8	.9														115	115	115	64
32/ 31	.8	6.1	4.0	.2														100	100	134	121
3 / 29	.7	1.9	2.3	.4														48	48	109	88
28/ 27	.2	1.7	2.6	.1														41	41	60	113
26/ 25	.1	.5	.9															14	14	38	110
24/ 23		.2																2	2	21	45
22/ 21																				10	45
2 / 19																					47
18/ 17																					28
16/ 15																					14
14/ 13																					9
12/ 11																					8
TOTAL	6.2	32.3	37.7	15.6	5.6	2.0	.2	.4										899	899		899
																		899		899	

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.	4941524	65448	72.8	14.034	899							
Dry Bulb	1293701	33647	37.4	6.188	899		20.5					90
Wet Bulb	1070764	30646	34.1	5.388	899		37.2					90
Dew Point	795537	26077	29.0	6.601	899		52.9					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-.14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 7[illegible]										.1								1	1		
66/ 65									.2									2	2		
62/ 6[illegible]							.2											2	2		
- / 59						.3	.2											5	5		
58/ 57				.2	.1	.3												6	6		
5[illegible]/ 55				.1	.2	.1												4	4		
54/ 53			.2	.2	.1	.4	.1	.1										11	11	2	
52/ 5[illegible]		.1	.1	.3	.3	.6	.2											19	19	4	
5 / 49		.2	.6	.6	.8	.2	.2											23	23	11	
48/ 47		.2	1.7	1.2	1.2	.2												35	35	12	5
46/ 45	.4	1.4	1.9	3.1	2.3	.3												86	86	22	10
44/ 43	.3	1.9	3.1	2.8	.8	.2												82	82	42	8
42/ 41	.3	2.8	4.1	2.8	.4	.4												97	97	71	28
4 / 39	.4	4.6	4.8	3.2	.7	.1												124	124	111	40
38/ 37	.3	4.1	4.7	1.7	.8													103	103	127	69
36/ 35	.2	3.9	3.6	1.6	.6													92	92	118	87
34/ 33	.8	4.1	2.3	1.4														81	81	124	83
32/ 31	.7	3.6	2.4	.9														68	68	93	121
3 / 29	.3	1.4	1.8	.1														33	33	77	112
28/ 27	.1	1.2	1.1															21	21	50	117
26/ 25	.1	.2	.1															4	4	27	60
24/ 23																				7	52
22/ 21																				1	37
2 / 19																					22
18/ 17																					23
16/ 15																					18
14/ 13																					6
12/ 11																					1
TOTAL	4.6	29.6	32.0	20.2	8.8	3.3	1.0	.1	.2	.1								899	899		899
																		899		899	

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.	4738890	63892	71.1	14.852	899							
Dry Bulb	1447483	35589	39.6	6.557	899		12.8	.1				90
Wet Bulb	1174826	32126	35.7	5.462	899		25.5					90
Dew Point	868804	27329	30.4	6.554	899		57.0					90

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

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-214	FAIRCHILD AFB WA	70-79	APR
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
81/ 81													.1					1	1		
80/ 79												.1	.1					2	2		
78/ 75											.3							3	3		
74/ 73										.2								2	2		
72/ 67									.1									1	1		
68/ 66						.1	.2	.2	.3									8	8		
67/ 63					.2	.2	.6	.4	.1									14	14		
62/ 61					.1	.6	.6	.3										14	14		
61/ 59				.1	.2	1.0	.9	.1										21	21		
60/ 57					.2	.9	.8	.7										23	23	3	
59/ 55				.1	.7	1.8	1.3	.3										38	38	8	
54/ 53				.3	2.3	2.4	1.2	.6										66	66	8	
52/ 51		.1	.6	1.1	2.7	.8	1.1											56	56	23	
50/ 49			1.2	1.3	2.6	2.3	.4	.1										72	72	25	2
48/ 47		.3	1.2	3.8	2.7	2.7	1.1											105	105	46	7
46/ 45	.2	1.2	1.3	4.1	5.3	1.7	.7											130	130	77	7
44/ 43	.3	1.3	3.1	3.3	2.7	1.6	.2											112	112	102	27
42/ 41	.1	2.1	2.2	2.7	1.3	.6	.1											81	81	111	46
40/ 39	.1	2.1	1.9	2.1	1.3	.4												71	71	146	62
38/ 37	.1	.8	1.2	1.1	.4	.1												32	32	124	99
36/ 35	.6	.7	.7	1.7	.3													29	29	102	82
34/ 33		.4	.6															9	9	65	103
32/ 31		.3	.1	.2														6	6	29	68
30/ 29		.4																4	4	25	81
28/ 27																				5	97
26/ 25																				2	69
24/ 23																					33
22/ 21																					34
20/ 19																					25
18/ 17																					16
16/ 15																					13
14/ 13																					2
12/ 11																					4
10/ 9																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 73-79 APR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]	1.4	9.6	14.0	21.6	23.1	17.1	9.0	2.8	.8	.2	.3	.1	.2					900	900	900	900

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.	3189079	51513	57.2	16.361	900							
Dry Bulb	2342713	42359	47.1	7.388	900		1.0	.9	.6	.2		90
Wet Bulb	1481318	36178	40.2	5.485	900		6.1					90
Dew Point	947088	28492	31.7	7.082	900		46.5					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

2-.14 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 86															.2			2	2		
84/ 83														.2				2	2		
82/ 81													.2	.1				3	3		
7 / 79												.1	.1					2	2		
78/ 77												.1						1	1		
74/ 73										.1								1	1		
72/ 71										.3	.2							5	5		
7 / 69									.1	.2	.1							7	7		
68/ 67							.7	.3	.4	.3	.1							21	21		
66/ 65						.1	.2	.4	1.0	.4								20	20		
64/ 63						.3	1.1	1.4	.5	.1								32	32		
62/ 61						.2	.3	1.2	.9									24	24		
6 / 59					.1	.8	1.1	1.7	.3									36	36		
58/ 57				.4	.9	1.0	2.0	1.6	.7									59	59	9	
56/ 55				.4	.9	2.3	3.6	1.6	.2									80	30	15	
54/ 53			.1	.3	1.1	2.1	3.3	.9	.1									71	71	23	
52/ 51			.4	1.3	1.1	2.6	2.4	1.4										84	34	33	
5 / 49		.1	1.8	.4	2.6	3.8	2.2	.3										92	92	46	
48/ 47	.1	.2	1.8	1.2	3.1	2.9	2.9	.3										113	113	68	12
4 / 45		.7	1.1	2.3	3.7	2.8	1.1	.1										105	105	99	15
44/ 43		.6	1.7	1.4	1.6	.8	.8											61	61	121	34
42/ 41	.1	.8	.8	.7	1.1	.2												33	33	121	45
40/ 39	.1	.3	.2	.4	.4													14	14	127	54
38/ 37	.4	.2	.6	.3	.8													21	21	106	54
36/ 35		.1	.4		.1													6	6	77	75
34/ 33		.4																4	4	30	98
32/ 31		.1																1	1	21	94
3 / 29																				6	84
28/ 27																				1	84
26/ 25																					78
24/ 23																					44
22/ 21																					34
2 / 19																					34
18/ 17																					30

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

n 1110

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
1./ 15																					13
-/ 13																					6
1./ 11																					7
/ c																					1
/																					1
TOTAL	.8	3.6	8.9	9.4	17.2	18.9	21.7	11.8	4.7	1.6	.4	.2	.3	.3	.2				900		900
																		900		900	

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.	2281089	42301	47.0	16.529	900							
Dry Bulb	2469103	46487	51.7	8.097	900		.1	4.9	1.1	.8		90
Wet Bulb	1633449	38010	42.2	5.596	900		2.9					90
Dew Point	911858	27808	30.9	7.653	900		51.2					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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥87 / 87															.1	.2		3	3		
84 / 83														.1	.2			3	3		
82 / 81														.1				1	1		
80 / 79														.2				2	2		
78 / 77													.3					3	3		
74 / 73											.2							2	2		
72 / 71										.3	.9							11	11		
70 / 69								.8	.4	.6								16	16		
68 / 67								.6	.8	.8	.4	.3						22	22		
66 / 65					.7		.1	.1	.9	.7								17	17		
64 / 63				.1	.3	.1	.2	1.1	1.1	.4	.1							32	32		
62 / 61					.2	.4	.7	1.3	1.7	.1								40	40		
60 / 59						.7	.7	1.1	1.1	.3								35	35	2	
58 / 57				.3	.9	1.1	2.0	1.1	1.2	.2								62	62	8	
56 / 55			.1	.3	1.3	1.9	3.1	2.0	.1									77	77	12	
54 / 53			.1	.6	.8	2.1	3.4	1.7	.3									77	77	26	2
52 / 51			.3	.9	1.3	1.9	3.3	1.3	.3									84	84	35	1
50 / 49		.2	.4	.3	2.9	2.2	2.2	1.7										87	87	49	3
48 / 47	.3	.2	.8	.6	3.3	2.8	2.6	.7										101	101	74	7
46 / 45	.1	.6	1.2	1.4	3.6	2.6	1.9	.2										104	104	83	21
44 / 43	.2	.6	1.2	1.1	1.2	.8	.3											48	48	122	22
42 / 41	.1	.8	1.4	.8	.2													30	30	125	35
40 / 39	.2	.3	.2	.8	.3	.3												20	20	127	39
38 / 37	.2	.4	.4		.3													13	13	110	56
36 / 35			.3	.1														4	4	74	78
34 / 33		.4	.2															6	6	31	84
32 / 31																				18	95
30 / 29																				4	77
28 / 27																					105
26 / 25																					73
24 / 23																					52
22 / 21																					27
20 / 19																					45
18 / 17																					23

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

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

C 1111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]14	FAIRCHILD AFB WA	7[illegible]-79	APR
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 1500-1700 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 - / 15																					29
4/ 13																					13
16/ 11																					6
/ 4																					7
TOTAL	1.2	3.6	6.9	7.1	16.2	16.9	20.1	13.7	7.8	3.2	1.7	.3	.3	.4	.3	.2		900	9[illegible]0	9[illegible]	[illegible]0

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.	2112745	40643	45.2	17.565	900							
Dry Bulb	2547855	47273	52.5	8.491	900			6.3	1.4	.9		90
Wet Bulb	1644971	38145	42.4	5.607	900		2.2					90
Dew Point	873744	27050	30.1	8.014	900		55.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83														.1	.1			2	2		
82/ 81														.1				1	1		
78/ 77												.1	.2					3	3		
76/ 75												.2						2	2		
74/ 73											.1							1	1		
72/ 71											.3							3	3		
70/ 69								.1		.3	.2							6	6		
68/ 67								.2	.2	.6		.1						10	10		
66/ 65								.1	.2	.2	.1							6	6		
64/ 63							.1	.3	.7									10	10		
62/ 61				.1	.1	.3	.7	.9	.4	.4								27	27		
60/ 59			.1		.2	.3	.7	1.2	.2	.2								27	27		
58/ 57			.1	.1	.3	.4	1.1	1.0	.1									29	29	3	
56/ 55			.1	.3	.8	1.4	1.3	1.0	.2									47	47	7	
54/ 53				.4	1.1	2.7	2.7	.9	.2									66	66	10	3
52/ 51			.7	1.1	1.6	2.7	1.3	1.0										66	66	19	
50/ 49		.2	1.3	1.6	2.3	2.6	1.2	.4										86	86	27	
48/ 47	.1	.1	.8	2.1	1.9	2.1	1.2	.6										80	81	62	2
46/ 45	.2	.7	1.7	2.7	4.4	1.8	1.7	.2										120	120	71	20
44/ 43		1.1	2.3	1.9	1.8	2.2	.2											86	86	100	26
42/ 41	.3	1.4	1.9	3.1	1.2	1.3												84	84	119	27
40/ 39	.3	2.2	1.2	1.8	1.3	.4												63	63	119	46
38/ 37		.8	1.2	.6	1.2													34	34	128	59
36/ 35	.1	.3	1.3	.4	.3													23	23	97	86
34/ 33	.3	.1	.2	.3														9	9	69	102
32/ 31		.3	.2	.1														6	6	44	86
30/ 29		.2																2	2	19	80
28/ 27		.1																1	1	5	104
26/ 25																				1	73
24/ 23																					25
22/ 21																					33
20/ 19																					43
18/ 17																					42
16/ 15																					24

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

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

0 1112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
APR — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 13																					4
12 / 11																					9
[illegible] / 9																					6
TOTAL	1.4	7.7	13.2	16.7	18.2	17.7	11.2	8.0	2.3	1.8	.8	.4	.2	.2	.1				900		900
																		900		900	

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.	2815853	47485	52.8	18.584	900							
Dry Bulb	2156068	43432	48.3	8.179	900		.9	2.8	.9	.3		90
Wet Bulb	1488315	36251	40.3	5.597	900		6.9					90
Dew Point	873493	27145	30.2	7.805	900		52.9					99

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
47/ 7[illegible]											.1							1	1		
[illegible]/ 71											.1							1	1		
[illegible]/ 69										.4								4	4		
68/ 67										.1								1	1		
66/ 65								.1										1	1		
64/ 63									.3									3	3		
62/ 61						.1	.2	.1	.2									6	6		
[illegible]/ 59								.4	.1									5	5		
58/ 57				.1	.2	.4	.8	.2										16	16		
56/ 55		.1		.3	.2	.8	.7	.4										23	23		
54/ 53		.1	.1	.3	.9	.9	.6	.2										28	28	3	
52/ 51		.1	.6	.8	1.1	1.1	.8											39	39	12	3
50/ 49			1.3	1.1	1.7	.9	.8											52	52	9	
48/ 47		.7	1.7	1.9	2.6	1.2	.3											75	75	23	1
46/ 45	.3	1.2	1.7	3.6	3.4	1.0	.2											103	103	59	10
44/ 43		.8	3.0	3.4	1.9	1.8	.2											100	100	67	23
42/ 41		1.8	4.7	2.2	1.6	.8												93	93	93	28
40/ 39	1.2	2.0	3.3	4.1	1.9	.3												116	116	120	43
38/ 37	.3	2.3	2.8	3.7	1.3	.1												95	95	132	61
36/ 35	.8	1.6	2.6	2.3	.3													68	68	107	83
34/ 33	.3	.8	1.4	2.2	.6													48	48	109	102
32/ 31		.4	.2	.4														10	10	82	93
30/ 29		.4	.3	.1														8	8	45	84
28/ 27		.3	.1															4	4	31	92
26/ 25																				7	81
24/ 23																				1	37
22/ 21																					45
20/ 19																					52
18/ 17																					26
16/ 15																					19
14/ 13																					7
12/ 11																					9
10/ 9																					1

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

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

C 1113

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24_14 (STATION) FAIRCHILD AFB WA (STATION NAME) 78-79 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	3.	12.7	23.1	26.7	17.5	9.4	4.6	1.6	.7	.5	.2							900	900	900	900

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.	3665112	55402	61.6	16.932	900							
Dry Bulb	1731680	38974	43.3	6.991	900		2.2	.7	.1			90
Wet Bulb	1302904	33886	37.7	5.486	900		16.6					90
Dew Point	858036	26990	30.0	7.355	900		54.6					90

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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | APR 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
88/ 87															.1	.0		3	3		
86/ 85															.0			2	2		
84/ 83														.1	.0			7	7		
82/ 81													.0	.0				6	6		
80/ 79												.0	.0	.1				6	6		
78/ 77												.1	.1					7	7		
76/ 75											.0	.0						5	5		
74/ 73										.0	.1							5	5		
72/ 71										.1	.2							23	23		
70/ 69								.1	.1	.2	.2							33	33		
68/ 67							.1	.2	.2	.2	.1	.1						55	55		
66/ 65					.1	.0	.1	.1	.3	.2	.2							55	55		
64/ 63				.0	.1	.1	.3	.4	.3	.1	.1							93	93		
62/ 61				.0	.1	.2	.3	.5	.4	.1								117	117		
60/ 59			.0	.0	.1	.4	.4	.6	.2	.1								136	136	2	
58/ 57			.0	.2	.3	.5	.8	.6	.3	.0								197	197	23	
56/ 55		.1	.1	.2	.5	1.1	1.3	.7	.1									276	276	42	
54/ 53		.1	.1	.4	.9	1.4	1.3	.5	.1									344	344	69	5
52/ 51	.0	.0	.4	.8	1.1	1.1	1.1	.5	.0									371	371	125	5
50/ 49	.0	.1	.9	.9	1.7	1.6	.9	.3										463	463	175	6
48/ 47	.1	.3	1.2	1.6	2.1	1.6	1.1	.2										571	571	307	37
46/ 45	.2	1.1	1.7	2.6	3.3	1.4	.7	.1										789	789	461	91
44/ 43	.1	1.1	2.5	2.5	1.5	1.0	.2											634	634	626	160
42/ 41	.1	1.8	2.8	2.1	1.1	.5	.1											597	597	747	243
40/ 39	.3	2.3	2.4	2.3	.9	.3												631	631	936	356
38/ 37	.4	1.9	2.3	1.6	.8	.0												507	507	974	508
36/ 35	.4	1.8	2.2	1.2	.3													424	424	785	650
34/ 33	.4	1.9	1.8	.9	.2													359	359	660	759
32/ 31	.2	1.8	1.2	.4														263	263	553	782
30/ 29	.1	.7	.7	.1														115	115	364	694
28/ 27	.1	.4	.1	.1														82	82	201	824
26/ 25	.1	.2	.1															18	18	95	647
24/ 23		.0																3	3	40	325
22/ 21		.0																1	1	12	300

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) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C 1114

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (YEARS) APR (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
/ 19																				1	317
18/ 17																					216
16/ 15																					149
14/ 13																					62
12/ 11																					47
10/ 9																					20
8/ 7																					1
TOTAL	2.3	15.2	23.9	17.9	14.6	11.3	8.6	4.9	2.0	.9	.4	.1	.1	.1	.1	.0			7198		7198
																		7198		7198	

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.	28114509	428379	59.5	19.080	7198							
Dry Bulb	15139170	323552	45.0	9.096	7198		48.2	15.2	4.1	2.2		720
Wet Bulb	10955824	277180	38.5	6.262	7198		126.6					720
Dew Point	6946647	217351	30.2	7.300	7198		437.9					720

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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 67								.1										1	1		
68/ 65							.3	.3	.1									7	7		
66/ 63						.1	.2	.4	.4									11	11		
64/ 61						.5	.4	.9	.2	.1								21	21		
62/ 59					.2	.3	.4	1.0	.4	.1								23	23		
60/ 57				.4	.8	1.3	1.8	.9	.4									52	52	2	
58/ 55			.8	.6	1.2	1.1	1.4	.4		.1								52	52	6	
56/ 53			.4	.6	1.7	3.1	.3	.4	.2									63	63	27	8
54/ 51	.1	.5	.8	2.7	1.9	1.6	.2	.2										75	75	27	6
52/ 49	.2	.9	2.2	2.5	1.9	1.0	.1											81	81	61	20
50/ 47	.1	1.9	3.7	3.2	1.4	.6												102	102	94	12
48/ 45		4.4	4.9	3.3	3.1	.4												151	151	112	59
46/ 43	.1	2.3	3.3	3.8	1.1													98	98	136	78
44/ 41		1.8	3.4	2.7	.2													76	76	127	87
42/ 39		1.5	3.5	1.6														62	62	95	109
40/ 37	.1	1.0	1.3	.8	.1													30	30	122	99
38/ 35	.3	.8	.5	.2	.2													19	19	71	115
36/ 33	.2	.3																5	5	34	73
34/ 31	.1																	1	1	11	85
32/ 29																				3	93
30/ 27																					45
28/ 25																					26
26/ 23																					14
24/ 21																					1
22/ 19																					6
20/ 17																					3
18/ 15																					
TOTAL	1.3	16.6	25.4	24.6	16.3	8.6	4.6	2.2	.3									930		930	
																		930	930		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4311033	61652	66.3	15.527	930							
Dry Bulb	2177339	44579	47.9	6.598	930		.1	.1				93
Wet Bulb	1707834	39558	42.5	5.210	930		1.4					93
Dew Point	1277074	33932	36.5	6.482	930		27.3					93

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

c 1115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-.14 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1	.1												2	2		
62/ 61				.1	.1	.1	.2	.1										6	6		
60/ 59				.2	.2	.2		.1										7	7		
58/ 57				.4	.3	.9	.5											18	18	1	
56/ 55		.2	.4	1.2	.8	1.3	.2											38	38	1	
54/ 53	.3	.8	.9	1.7	1.5	.6	.1											55	55	12	5
52/ 51		1.3	1.8	2.2	1.1	.1												59	59	19	6
50/ 49		.9	2.1	2.4	1.2	.5	.3											68	68	47	19
48/ 47	.1	2.3	4.1	2.3	1.1	.5	.1											96	96	62	25
46/ 45	.6	5.1	4.9	2.9	2.3	.3												151	151	113	50
44/ 43	.1	2.8	4.7	2.6	.4													99	99	112	60
42/ 41	.1	3.5	3.1	2.5														86	86	119	76
40/ 39	.6	2.9	5.7	1.2														93	93	118	94
38/ 37	.3	3.4	4.3	.5														80	80	109	109
36/ 35	.2	1.8	1.6	.6														40	40	122	107
34/ 33	.8	1.2	.5	.1														24	24	53	87
32/ 31	.2	.2	.1	.2														7	7	31	114
30/ 29				.1														1	1	9	78
28/ 27																				2	58
26/ 25																				1	18
24/ 23																					15
22/ 21																					6
20/ 19																					3
TOTAL	3.4	25.9	34.3	21.2	8.9	4.9	1.5	.2											930		930
																		930		930	

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.	5091475	67553	72.6	14.096	930							
Dry Bulb	1918729	41845	45.0	6.219	930		.8					93
Wet Bulb	1586066	38388	41.3	5.308	930		4.3					93
Dew Point	1258867	33697	36.2	6.388	930		29.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA — STATION / STATION NAME

70-79 — YEARS

MAY — MONTH

PAGE 1

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
/ 69								.1	.1									2	2		
68/ 67							.3	.3	.1									7	7		
66/ 65						.1	.3	.1										5	5		
64/ 63				.4	.2	1.0	.8	.3		.3								28	28		
62/ 61				.4	.1	1.4	.8	.3										28	28		
/ 59			.1	.2	.9	1.1	.8	.1										29	29		
58/ 57			.4	1.3	1.3	1.3	.4											38	38	6	
56/ 55	.1	.2	.2	2.3	1.5	1.1	.3	.1										54	54	15	2
54/ 53	.1	.5	1.2	2.4	1.7	1.7	.2											74	74	30	7
52/ 51		1.3	2.2	3.9	2.6	.5	.6											103	103	57	10
/ 49		1.3	2.9	2.5	2.4	.4	.1											89	89	67	21
48/ 47		1.7	3.2	3.8	1.1	.6												96	96	102	27
46/ 45	.2	4.1	4.8	3.3	1.4	.2												131	131	122	72
44/ 43	.3	1.9	3.8	3.7	.4													94	94	143	106
42/ 41	.1	1.6	2.8	1.8	.2													61	61	121	89
/ 39		2.2	3.7	.3	.2													53	53	95	98
38/ 37	.3	.5	.8	.3														18	18	95	114
36/ 35	.2	.5	.3	.3														13	13	50	101
34/ 33	.2	.4																6	6	14	99
32/ 31	.1																	1	1	11	81
/ 29																				2	42
28/ 27																					33
26/ 25																					19
24/ 23																					5
22/ 21																					3
/ 19																					1
TOTAL	1.7	16.5	25.7	26.6	13.5	9.5	4.6	1.4	.2	.3								930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4418649	62573	67.3	14.983	930							
Dry Bulb	2280213	45599	49.0	6.916	930		.1	.9				93
Wet Bulb	1802040	40638	43.7	5.320	930		1.3					93
Dew Point	1376611	35317	38.0	6.176	930		18.4					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 70-79 MAY
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8 / 8											.1							1	1		
7 / 79											.1							1	1		
78/ 77										.2	.2	.1						5	5		
76/ 75										.3	.2	.1						6	6		
74/ 73								.1	.9	.3	.2							13	13		
72/ 71							.2	.5	.5	.5		.1						20	20		
70/ 69						.2	.3	1.3	1.3	.4	.1	.1						40	40		
68/ 67					.1	.3	1.3	.8	.8	.2								32	32		
66/ 65					.3		2.3	1.3	1.3	.6								54	54		
64/ 63					.4	1.4	2.2	2.0	.6									62	62		
62/ 61				.3	.2	1.6	1.9	1.5	.2									54	54	3	
60/ 59			.1	.3	.5	1.4	1.8	1.3	.3									54	54	2	
58/ 57		.1	.8	.9	2.1	2.9	1.9	.9										82	82	33	
56/ 55	.2	.1	.2	1.1	2.6	3.0	1.3	.6	.1									85	85	61	4
54/ 53		.4	1.2	1.8	2.5	2.4	1.2	.4										92	92	69	10
52/ 51	.2	.9	1.2	2.4	2.5	1.7	.3	.4										91	91	100	13
50/ 49	.2	.8	1.8	1.8	2.9	1.2	.4											83	83	115	30
48/ 47	.1	.9	1.1	1.8	1.3	.6	.1											55	55	125	37
46/ 45	.1	1.9	.6	2.4	1.1	.4												60	60	138	91
44/ 43	.1	.4	1.3	.2	.2	.1												22	22	97	101
42/ 41		.2	.6	.3														11	11	85	101
40/ 39		.1																1	1	59	95
38/ 37	.1		.1															2	2	23	97
36/ 35																				8	100
34/ 33																				1	82
32/ 31																					62
30/ 29																					43
28/ 27																					28
26/ 25																					12
24/ 23																					8
22/ 21																					8
20/ 19																					7
TOTAL	1.1	5.6	9.2	13.0	17.9	17.0	15.5	11.6	6.2	2.7	1.0	.4						929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤47 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	2916461	49549	53.4	16.836	929							
Dry Bulb	3237777	52591	56.6	8.060	929			12.1	2.9	.2		93
Wet Bulb	2129723	44203	47.6	5.343	929							93
Dew Point	1425730	35858	38.6	6.701	929		16.8					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

94214 — STATION
FAIRCHILD AFB WA — STATION NAME
70-79 — YEARS
MAY — MONTH

PAGE 1 — HOURS (L. S. T.) 1200-1400

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/ 27														.1				1	1		
-6/ 25														.1	.1			2	2		
4/ 23													.4	.1				5	5		
7/ 18										.1	.1	.9	.3	.2				15	15		
8/ 79											.5	.3	.5	.1				14	14		
7?/ 77									.1	.2	.3		.2					8	8		
8/ 75									.2	1.0	.5	.4	.2					22	22		
4/ 73							.1	.8	.9	1.5	.5	.6						42	42		
7/ 71						.1	.2	1.0	1.5	1.5	1.0	.1						50	50		
/ 69						.2	.1	1.1	1.9	1.9	.6	.1						56	56		
2/ 67						.1	.1	1.1	1.0	1.0	.8	.1						38	38		
6/ 65				.1		.5	1.4	2.5	1.5	1.3	.1							71	71		
7/ 63				.2	.2	.5	2.4	2.2	1.4	.4								68	68	1	
2/ 61			.1	.2	.4	.6	2.3	1.4	1.0									56	56	8	
/ 59			.2	.3	1.2	1.5	1.6	2.5	.8	.3								78	78	36	
2/ 57		.1	.1	.4	1.6	1.7	2.8	1.1	.3									76	76	51	
56/ 55		.2	.3	.9	1.7	2.8	2.4	1.2	.2									91	91	57	4
54/ 53		.6	.5	1.6	1.1	2.7	1.2	1.1										74	74	103	10
52/ 51	.1	.4	.5	1.1	.8	1.9	.4											49	49	123	10
5 / 49	.1	.5	1.6	.5	1.5	.1	.8											48	48	114	26
48/ 47		.2	.5	1.5	.2	.2												25	25	129	31
46/ 45		.3	1.1	1.4	.3	.2												30	30	111	62
44/ 43			.4	.6														10	10	80	100
42/ 41					.1													1	1	76	87
4 / 39																				29	96
36/ 37																				12	91
34/ 35																				2	108
32/ 33																					84
30/ 31																					81
/ 29																					50
26/ 27																					37
24/ 25																					24
22/ 23																					20
20/ 21																					10

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 114	FAIRCHILD AFB WA	70-79	MAY
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-/-9																					7
91-17																					2
TOTAL	.2	2.5	5.4	8.9	9.0	12.7	15.7	15.8	10.9	9.5	4.6	2.5	1.7	.5	.1			93?	930	93?	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	2387258	41256	44.4	16.635	930							
Dry Bulb	3541978	56778	61.1	9.020	930			25.3	10.9	2.8		93
Wet Bulb	2269462	45668	49.1	5.383	930							93
Dew Point	1347205	34783	37.4	7.058	930		23.1					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

2-2114 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 85														.4				4	4		
[illegible] 83													.4		.2			6	6		
82/ 81										.3		.9	.5	.5	.2			23	23		
[illegible] / 79											.2	.8	.2					11	11		
78/ 77										.2	.6	.3	.1					12	12		
76/ 75								.2		1.1	1.3	.9	.4					36	36		
74/ 73							.1	.1	.5	2.0	1.3	.4	.2					44	44		
72/ 71								.5	1.4	.5	2.3	.6						50	50		
[illegible] / 69						.1	.1	1.0	1.4	1.9	.8	.5						56	56		
[illegible]/ 67							.5	.9	1.6	1.3	.8	.3						50	50		
[illegible]/ 65							.8	2.5	2.3	2.4	.5							69	69		
[illegible]/ 63				.1	.3	.1	1.3	2.4	1.7	1.1								67	67	4	
[illegible]/ 61			.1	.2	.1	.3	1.7	1.6	2.5	.4	.1							66	66	4	
[illegible] / 59			.2	.1	1.7	1.4	2.3	1.3	1.4	.1								72	72	27	
58/ 57		.1	.5	.6	1.3	1.1	2.2	2.2	.9									82	82	45	
56/ 55		.1	.1	.6	.9	3.1	2.3	.8	.2									75	75	85	1
[illegible]/ 53		.5	.6	1.7	1.2	1.8	1.8	.5	.3									73	73	79	7
[illegible]/ 51		.4	1.2	.4	.8	.9	1.7	.1										44	44	131	15
[illegible]/ 49		.3	.9	.4	.8	.3	.3											27	27	120	13
[illegible]/ 47		.2	.9	1.1	.8	.2												29	29	136	28
46/ 45			.8	.4	.3	.1												15	15	105	54
44/ 43		.2	.8	.2														11	11	87	76
42/ 41		.3	.2															5	5	58	68
[illegible] / 39			.1															1	1	35	101
38/ 37																				11	91
36/ 35																				1	113
34/ 33																					79
32/ 31																					73
[illegible] / 29																					65
28/ 27																					62
26/ 25																					34
24/ 23																					24
22/ 21																					13
[illegible]/ 19																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 STATION | FAIRCHILD AFB WA STATION NAME | 73-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 17																					8
TOTAL		2.3	6.3	5.3	7.3	9.5	14.8	14.9	14.2	10.5	7.9	4.7	1.9	1.7	.4				928		928
																		928		928	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1355178	38336	41.3	17.114	928							
Dry Bulb	3656828	57624	62.1	9.213	928			29.3	13.6	3.5		93
Wet Bulb	2264048	45578	49.1	5.267	928							93
Dew Point	1266485	33631	36.2	7.172	928		28.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 83															.1			1	1		
82/ 81										.2		.3	.2	.1				8	8		
80/ 79											.1	.1	.3	.1				6	6		
78/ 77										.1	.2	.3	.1					7	7		
76/ 75								.1		.2	.4	.5						12	12		
74/ 73							.1	.1	.8	.5	.4	.1						19	19		
72/ 71							.2	.2	.8	1.6	.4	.3						33	33		
70/ 69						.2	.2	.8	1.3	.8	.5	.1						32	32		
68/ 67					.1	.1	.8	1.8	1.5	.9	.2							47	47		
66/ 65					.2	.2	1.6	1.3	1.6	1.0	.2	.1						53	58		
64/ 63			.1		.5	1.5	1.3	1.8	1.0	.5								64	64	2	
62/ 61				.1	.5	1.4	2.2	.9	1.4	.4	.1							65	65	2	
60/ 59		.1	.1	.1	.4	1.5	.9	1.9	.8	.2								56	56	16	
58/ 57		.1	.2	.3	1.2	2.4	2.6	1.7	.3									82	82	25	
56/ 55		.1	.1	.8	2.1	1.5	1.6	.9	.2									67	67	60	3
54/ 53		.6	.4	1.1	2.6	2.6	2.2	.6										94	94	86	10
52/ 51	.2	.5	.9	1.7	1.9	1.4	1.0	.2										73	73	89	16
50/ 49		1.1	1.7	1.9	1.7	1.0	.5											74	74	103	15
48/ 47		.9	1.6	1.4	1.5	.8		.1										58	58	129	28
46/ 45		.8	1.5	.5	1.1	.2												37	37	137	57
44/ 43		.6	1.1	.3	.4													20	20	115	89
42/ 41		.4	.1															5	5	82	87
40/ 39		.2	.4															6	6	52	101
38/ 37		.1																1	1	23	99
36/ 35		.2																2	2	4	100
34/ 33																				2	81
32/ 31																					64
30/ 29																					57
28/ 27																					46
26/ 25																					34
24/ 23																					21
22/ 21																					11
20/ 19																					2
18/ 17																					3

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

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

USAFETAC

C 1119

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD [illegible] WA STATION NAME | 73-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
16/ 15																					2
14/ 13																					1
TOTAL	.2	5.8	8.2	8.3	14.0	14.8	15.1	12.5	9.3	5.1	2.7	1.9	.6	.2	.1			927	927	927	927

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.	2510529	45205	48.8	18.182	927							
Dry Bulb	3192007	53789	58.0	8.751	927			16.6	5.3	1.2		93
Wet Bulb	2128396	44144	47.6	5.324	927							93
Dew Point	1317517	34317	37.0	7.134	927		24.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 70-79 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1								1	1		
74/ 73										.1	.1							2	2		
72/ 71							.1		.1	.1	.2							5	5		
70/ 69							.1	.3	.6	.1								11	11		
68/ 67							.2	.8	.1	.2								12	12		
66/ 65					.1	.1	.3	.9	.5									18	18		
64/ 63					.4	.3	1.8	1.2	.6	.2								43	43		
62/ 61				.4	.3	.6	1.9	.6	.5									42	42		
60/ 59			.1	.4	1.3	1.6	1.1	.2	.1									45	45	1	
58/ 57		.4	.3	.8	1.9	1.9	1.1	.5	.1									66	66	5	
56/ 55		.4	.1	1.1	2.1	2.3	1.4	.5	.1									74	74	25	
54/ 53		.2	.2	1.5	2.1	2.6	1.7	.4										81	81	39	9
52/ 51	.1	.5	1.1	1.8	2.6	1.6	.6	.3										80	80	66	19
50/ 49	.5	.9	2.9	2.1	1.6	1.3	.3											89	89	99	23
48/ 47		2.6	4.0	2.3	2.3	1.0												112	112	95	20
46/ 45		1.9	4.1	3.6	2.2	.9												117	117	136	46
44/ 43		1.0	2.4	1.9	1.4													62	62	148	95
42/ 41		.8	1.6	3.2	.1													34	34	102	97
40/ 39	.1	.9	.6	.2														18	18	104	121
38/ 37	.1	.5	.2	.1														9	9	58	90
36/ 35		.5																5	5	3	109
34/ 33																				8	85
32/ 31																					64
30/ 29																					64
28/ 27																					50
26/ 25																					21
24/ 23																					11
22/ 21																					11
TOTAL	.9	13.7	17.8	17.4	18.4	14.3	10.8	5.7	2.9	.9	.3							926	926	926	926

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.	3579535	55335	59.8	17.176	926							
Dry Bulb	2547111	48091	51.9	7.319	926			3.1	.3			93
Wet Bulb	1884923	41511	44.8	5.100	926							93
Dew Point	1323597	34491	37.2	6.485	926		22.2					93

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

C 1120

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	70-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87														.0				1	1		
86/ 85														.1	.0			6	6		
84/ 83													.1	.0	.0			12	12		
82/ 81										.1	.2	.3	.1	.1	.0			47	47		
80/ 79											.1	.1	.1	.0				32	32		
78/ 77									.0	.1	.2	.1	.1					32	32		
76/ 75								.0	.0	.3	.3	.2	.1					77	77		
74/ 73							.0	.2	.4	.6	.3	.1	.0					123	123		
72/ 71						.0	.1	.3	.6	.5	.5	.1						158	158		
70/ 69						.1	.1	.6	.8	.6	.3	.1						197	197		
68/ 67					.0	.1	.4	.7	.6	.4	.2	.1						187	187		
66/ 65				.0	.1	.2	.9	1.1	.9	.5	.1	.0						282	282		
64/ 63			.0	.1	.3	.6	1.3	1.3	.7	.3								345	345	7	
62/ 61			.0	.2	.3	.8	1.5	.8	.7	.1	.0							338	338	17	
60/ 59		.0	.1	.2	.7	1.1	1.2	1.0	.4	.1								364	364	90	
58/ 57		.1	.3	.6	1.3	1.7	1.5	.8	.2									496	496	168	
56/ 55	.0	.3	.3	1.1	1.6	2.1	1.2	.5	.1									536	536	310	14
54/ 53	.1	.5	.7	1.6	1.9	1.8	1.1	.4	.0									606	606	445	66
52/ 51	.1	.7	1.2	2.1	1.7	1.2	.6	.1										574	574	612	86
50/ 49	.1	.8	2.0	1.7	1.7	.7	.4											559	559	726	167
48/ 47	.0	1.3	2.4	2.3	1.2	.6	.0	.0										573	573	872	208
46/ 45	.1	2.3	2.8	2.2	1.5	.3												692	692	974	482
44/ 43	.1	1.2	2.2	1.7	.5	.0												416	416	920	705
42/ 41	.0	1.1	1.5	1.1	.1													279	279	770	692
40/ 39	.1	.9	1.7	.4	.0													234	234	587	815
38/ 37	.1	.7	.8	.2	.0													140	140	463	780
36/ 35	.1	.5	.3	.1	.0													79	79	288	853
34/ 33	.1	.2	.1	.0														35	35	111	670
32/ 31	.1	.0	.0	.0														9	9	53	624
30/ 29				.0														1	1	14	492
28/ 27																				2	359
26/ 25																				1	188
24/ 23																					118
22/ 21																					61

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114	FAIRCHILD AFB WA	71-79	MAY
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 13																					28
14/ 17																					13
18/ 19																					8
14/ 13																					1
TOTAL	1.1	10.8	16.5	15.7	13.0	11.3	10.3	7.9	5.5	3.7	2.1	1.2	.5	.2	.1			7430	7430	7430	7430

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.	26770123	421559	56.7	19.593	7430							
Dry Bulb	22351950	400896	54.0	9.852	7430		1.0	87.3	33.0	7.7		744
Wet Bulb	15772492	339398	45.7	6.030	7430		7.0					744
Dew Point	10593086	276026	37.2	6.752	7430		189.5					744

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

C 1121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77									.2									2	2		
76/ 75								.2	.1									3	3		
74/ 73							.2	.9	.3	.1								14	14		
72/ 71							.2	.3	.1	.3								9	9		
7 / 69			.1	.3	.3	.2	.7	.8	.8	.1								29	29		
68/ 67					.5	1.1	.8	.9	.8	.2								38	38		
66/ 65					.5	.9	1.8	.2	.3	.1								35	35	1	
64/ 63		.1	.1	1.1	1.2	1.4	1.9	1.3	.1									66	66	4	1
62/ 61		.2	1.3	.9	1.1	1.3	1.3	.9	.2									66	66	11	
60/ 59		.6	.6	.9	1.8	2.1	1.4	.1										67	67	25	4
58/ 57		.3	.8	2.2	2.1	2.4	.9	.1										80	80	60	8
56/ 55		1.9	.8	2.3	1.7	1.8	.3											79	79	59	14
54/ 53	.2	1.7	2.3	2.2	1.7	1.7												88	88	92	39
52/ 51	.2	1.1	1.8	1.8	2.1	.2												64	64	109	69
5 / 49		.8	2.6	1.8	2.1	.2												67	67	102	38
48/ 47		1.0	3.3	2.9	1.7													74	74	121	76
46/ 45		1.9	3.0	2.6	.9													67	67	87	86
44/ 43	.1	1.1	1.2	.8	.5													32	32	88	103
42/ 41		.3	1.7	.2														14	14	80	90
4 / 39		.1	.3															4	4	32	94
36/ 37																				20	75
36/ 35																				7	79
34/ 33																					65
32/ 31																					31
3 / 29																					14
28/ 27																					5
26/ 25																					7
TOTAL	.6	10.2	19.3	20.0	17.1	13.5	9.6	5.8	3.0	.9									898		898
																		898		898	

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.	3717951	56017	62.4	15.789	898							
Dry Bulb	2859312	50188	55.9	7.786	898			9.5	1.9			90
Wet Bulb	2176625	43905	48.9	5.785	898							90
Dew Point	1651275	38017	42.3	6.828	898		5.7					90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 71							.1	.3		.1								5	5		
70/ 69				.3		.3	.3			.1								10	10		
68/ 67					.1	.7	.1	.1										9	9		
66/ 65			.1		.7	.7	.1	.1	.1									16	16		
64/ 63				.8	1.1	1.9	.3	.4	.1									39	39	3	
62/ 61		.1	1.3	1.8	1.4	1.3	.8	.1	.1									63	63	1	1
60/ 59		.4	1.3	1.4	2.1	.8	.4	.6										62	62	12	2
58/ 57		.8	1.2	2.8	2.7	1.1	.4	.1										81	81	50	9
56/ 55		1.0	2.0	2.7	1.3	.6	.3											71	71	47	11
54/ 53		2.8	3.1	3.1	2.6	.9												112	112	82	36
52/ 51	.8	.7	2.2	2.3	1.3	.2												68	68	115	71
50/ 49	.2	1.6	3.6	1.7	.7													69	69	88	56
48/ 47		1.3	3.3	2.9	.4	.3												72	72	93	77
46/ 45		3.9	6.1	2.3	.1													111	111	119	98
44/ 43		1.3	3.1	1.3	.1													52	52	90	106
42/ 41		1.3	1.8	.3	.1													32	32	86	85
40/ 39		1.1	.2	.8														19	19	73	67
38/ 37		.4	.6															9	9	27	90
36/ 35																				16	83
34/ 33																				4	51
32/ 31																					32
30/ 29																					9
28/ 27																					10
26/ 25																					4
TOTAL	1.0	16.8	29.4	24.6	14.8	8.4	3.0	1.4	.3	.2								900	900	900	900

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.	4558409	62343	69.8	13.766	900							
Dry Bulb	2545240	47430	52.7	7.128	900			2.4				90
Wet Bulb	2062473	42761	47.5	5.854	900							90
Dew Point	1672945	38329	42.6	6.720	900		5.5					90

USAFETAC FORM 0-26-5 (OL A) 0 1122 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUN — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
82/ 81												.1						1	1		
80/ 79										.2								2	2		
78/ 77									.1	.1	.1							3	3		
76/ 75							.1	.4	.1	.2								8	8		
74/ 73						.2	.1	.6	.1		.1							10	10		
72/ 71					.1	.9	1.0	.6	.2	.1								26	26		
70/ 69				.2	.2	1.0	1.2	.2	.4	.2								32	32		
68/ 67					1.2	1.4	1.1	1.0	.1	.1								44	44		
66/ 65			.1	.3	1.3	1.8	1.2	.4	.2									49	49	1	
64/ 63			.1	1.4	1.7	1.9	1.7	.4	.1									66	66	8	
62/ 61			.9	.9	2.7	2.1	.7	.2										57	67	23	
60/ 59		.3	.6	1.8	2.4	1.6	1.1	.1										70	70	50	5
58/ 57		1.1	2.1	3.4	1.8	1.6	.4	.1										94	94	67	6
56/ 55		1.1	1.9	2.3	2.1	1.8	.1											87	87	78	39
54/ 53	.1	1.0	2.1	1.4	2.4	1.0	.2											75	75	108	54
52/ 51	.2	.4	1.9	3.1	2.	.1												70	70	124	6:
50/ 49	.2	1.1	3.4	1.3	1.7	.6												75	75	90	66
48/ 47		.7	3.2	2.2	.4													59	59	97	80
46/ 45		1.3	2.6	.8	.2													44	44	100	115
44/ 43		.1	.7	.8														12	12	80	109
42/ 41		.3	.3															6	6	48	81
40/ 39																				18	79
38/ 37																				8	77
36/ 35																					52
34/ 33																					24
32/ 31																					15
30/ 29																					7
28/ 27																					6
26/ 25																					2
TOTAL	.6	7.4	19.8	20.3	20.3	15.9	8.8	4.1	1.4	1.0	.2	.1							900		900
																		900		900	

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.	3788505	56913	63.2	14.519	900							
Dry Bulb	3023103	51781	57.4	7.686	900			12.6	2.4	.2		90
Wet Bulb	2322836	45434	50.5	5.702	900							90
Dew Point	1804399	39873	44.3	6.492	900		3.0					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

2-114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
9 / 91															.1			1	1		
9 / 89												.1		.1				2	2		
88/ 87											.3		.1	.2	.1			7	7		
86/ 85										.1	.1	.2	.1	.2				7	7		
84/ 83								.1		.3	.4	.3	.2					13	13		
82/ 81								.2	.2	1.1	.4	.2	.1	.1				22	22		
8 / 79								.1	.9	.9	.4	.3	.2	.1				27	27		
78/ 77						.1		.4	1.3	.9	.6	.7	.1					37	37		
76/ 75							.3	1.3	.9	1.1	.9	.1						46	46		
74/ 73						.6	.8	1.5	1.6	.9	.7	.1						55	55		
72/ 71						.2	.9	1.4	1.2	1.2	.4	.1						50	50		
7 / 69					.1	.7	2.0	1.2	1.6	.7	.1							57	57	1	
68/ 67				.1	.4	1.0	1.2	1.6	1.0	.4	.1							53	53	8	
66/ 65			.2	.2	.2	1.3	2.8	1.1	1.4									66	66	12	
64/ 63			.8		1.6	1.8	2.0	2.1	.4	.1								79	79	43	
62/ 61		.2	.1	.4	1.7	1.3	2.8	1.1	.6									74	74	61	3
6 / 59		.3	.3	.7	1.2	1.4	1.9	.9	.2									63	63	71	7
58/ 57		.4	1.2	1.3	1.4	2.1	.8	.4	.1									70	70	92	11
56/ 55		.4	1.3	1.7	1.1	1.9	.9	.2										68	68	94	46
54/ 53	.1		.7	1.7	1.4	.8	.3											45	45	132	31
52/ 51		.3	1.4	1.1	.7	.2												33	33	97	70
5 / 49			.4		.9													12	12	113	85
48/ 47		.1	.4	.3														8	8	83	79
46/ 45		.4	.1															5	5	55	98
44/ 43																				37	107
42/ 41																				4	66
4 / 39																					76
38/ 37																					78
36/ 35																					71
34/ 33																					36
32/ 31																					15
3 / 29																					9
28/ 27																					9
26/ 25																					3

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

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

C 1123

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.4	2.3	7.1	7.4	10.8	13.3	16.7	14.3	11.4	7.8	4.6	2.2	.9	.8	.2			900	9.0	900	900

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2341451	43561	48.5	15.762	900							
Dry Bulb	3907892	58740	65.3	9.081	900			37.7	21.7	6.7		90
Wet Bulb	2622345	48313	53.7	5.665	900			.9				90
Dew Point	1782673	39567	44.0	6.939	900		3.6					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

94114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-75 — YEARS
JUN — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 97																	.1	1	1		
96/ 95																	.2	2	2		
94/ 93														.1	.1	.2		4	4		
92/ 91													.1	.4	.5	.3		13	13		
90/ 89												.1	.2	.7	.3	.1		13	13		
88/ 87												.3	.9	.5	.8	.1		24	24		
86/ 85									.1	.2	.4	.7	.3	1.0	.6			37	37		
84/ 83										.6	1.0	.7	1.0	.9	.1			38	38		
82/ 81									.2	.6	1.1	.7	1.2	1.3				46	46		
80/ 79								.1	.6	.8	1.7	.7	1.3					43	43		
78/ 77								.1	.8	1.3	.7	1.2	.4	.1				40	43		
76/ 75							.2	.7	1.0	1.8	1.2	.9	.1					53	53		
74/ 73							.1	.8	1.3	1.6	1.6	.4						52	52		
72/ 71					.1	.3	.3	1.8	1.3	1.1	1.2	.1						57	57		
70/ 69				.1	.2	.3	.6	2.0	1.7	1.2	.7	.2						63	63	3	
68/ 67						.4	1.1	1.6	1.0	1.2	.2							50	50	9	
66/ 65		.1	.1		.4	.4	1.4	1.4	2.8	1.3								73	73	29	
64/ 63		.2	.1	.2	.2	1.1	1.8	3.1	1.7	.2								78	78	59	
62/ 61		.1	.1	.4	.9	1.8	1.1	1.3	1.1									61	61	63	7
60/ 59		.8	.2	1.0	1.1	1.0	1.7	.3	.1									53	53	90	4
58/ 57		.2	.4	1.3	.7	.9	1.2	.3										46	46	99	8
56/ 55		.3	.6	.6	.2	.8	.2											25	24	111	26
54/ 53			.4	.1	.3	.2												10	10	116	31
52/ 51		.1	.8	.4	.3													15	15	110	42
50/ 49			.3			.1												4	4	104	68
48/ 47		.2	.3		.1													6	6	58	71
46/ 45				.1														1	1	44	101
44/ 43																				5	103
42/ 41																				1	67
40/ 39																				2	72
38/ 37																					72
36/ 35																					94
34/ 33																					58
32/ 31																					35

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUN — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 2[illegible]																					22
2[illegible]/ 27																					14
2[illegible]/ 25																					4
2[illegible]/ 23																					1
TOTAL		1.9	3.4	4.3	4.8	7.4	9.7	13.6	13.4	11.9	9.8	6.0	5.3	5.1	2.4	.8	.3	900	900	900	900

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.	1633549	35427	39.4	16.306	900							
Dry Bulb	4535567	63237	70.3	10.134	900			52.9	35.9	19.7	.7	90
Wet Bulb	2748164	49484	55.0	5.523	900			1.2				90
Dew Point	1658435	38083	42.3	7.232	900		7.6					90

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

94114 FAIRCHILD AFB WA 69-78 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
96/ 95															.1		.1	7	7		
94/ 93														.1	.2		.1	4	4		
92/ 91														.6	.6	1.0	.4	23	23		
90/ 89													.3	.9	.9	.7		25	25		
88/ 87										.4	.1	.4	.8	1.2	1.3	.1		38	38		
86/ 85										.1	.6	.6	.3	1.1	.3			27	27		
84/ 83											.4	.3	1.2	1.9	.6			49	49		
82/ 81									.1	.4	.4	1.0	1.2	.8	.1			37	37		
80/ 79									.6	.7	.8	.3	.6	.4	.1			31	31		
78/ 77									.6	1.3	2.0	1.9	.8	.3				62	62		
76/ 75							.2	.7	1.0	1.1	2.8	1.2	.3					66	66		
74/ 73						.3	.2	.6	1.1	1.3	.9	.6						43	43		
72/ 71					.2	.2		.6	1.3	1.9	1.7	.6						58	58		
70/ 69			.1				1.0	1.0	1.3	2.7	.7	.2						63	63	3	
68/ 67				.1	.3	.3	.4	2.3	.8	2.4	.4	.1						66	66	8	
66/ 65				.1		.8	1.2	1.3	1.6	1.3	.2							59	59	24	
64/ 63			.1		.3	.9	1.3	2.2	1.6	1.1	.1							68	65	67	
62/ 61			.4	.8	.4	.4	1.8	1.1	.4									49	49	63	1
60/ 59		.1	.2	.8	.7	.9	.6	.7	.4									37	37	94	6
58/ 57		.9	.4	.8	.4	.3	1.0	.2										37	37	116	12
56/ 55		.4	.3	.1	.2	.2	.1											13	13	102	17
54/ 53		.1	.9	.6	.6													19	19	1[illegible]	22
52/ 51		.3		.4														7	7	111	44
50/ 49			.1	.2														3	3	97	43
48/ 47		.6																5	5	49	68
46/ 45		.2		.1														3	3	39	94
44/ 43			.1															1	1	9	89
42/ 41																				1	86
40/ 39																				1	91
38/ 37																					76
36/ 35																					78
34/ 33																					61
32/ 31																					41
30/ 29																					27

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 27																					26
76/ 25																					10
76/ 23																					4
72/ 21																					4
TOTAL		2.7	2.8	3.8	3.2	4.2	7.9	10.7	10.8	14.7	11.0	6.2	5.6	7.3	4.2	1.8	1.2	900	900	900	900

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.	1444159	32597	36.2	17.121	900			59.9	41.2	22.4	1.1	90
Dry Bulb	4756063	64739	71.9	10.507	900			1.1				90
Wet Bulb	2766641	49662	55.2	5.408	900		11.2					90
Dew Point	1574871	37050	41.2	7.431	900							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-214 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93																.1	.1	2	2		
92/ 91														.1	.1	.1		3	3		
90/ 89												.1	.1	.3	.3	.1		9	9		
88/ 87											.1	.2	.2	.7	.4			15	15		
86/ 85									.3		.2	.6	.9	.3	.2			21	21		
84/ 83								.3		.3	.7	.7	1.3	.7	.1			32	32		
82/ 81									.2	.2	1.0	.7	1.7	.8				41	41		
80/ 79								.1	.4	.3	.7	.6	.6	.2				26	26		
78/ 77								.3	.6	1.3	1.0	1.7	.3	.1				50	50		
76/ 75							.1	.8	1.1	1.3	1.0	1.1	.1					49	49		
74/ 73						.2	.3	.9	1.6	1.2	1.0	.1	.1					49	49		
72/ 71						.3	.4	.8	2.0	1.4	1.1	.4						59	59		
70/ 69				.1	.1	.4	.7	1.4	2.2	1.4	.7							64	64	2	
68/ 67					.6	.4	.7	.7	1.0	1.4	.3							46	46	2	
66/ 65				.4	.1	.9	1.9	1.8	1.7	.9	.1							70	70	13	
64/ 63		.2			.6	1.8	1.9	1.6	1.8	.7	.1							77	77	46	1
62/ 61		.1	.2	.3	1.	1.9	2.1	1.3	.9	.3								74	74	59	3
60/ 59		.3	.4	1.1	1.1	.7	1.3	1.2	.1									57	57	83	1
58/ 57		.7	.7	1.2	.7	.	.6	1.1	.1									61	61	84	13
56/ 55		.6	.4	.9	.4	1.0	.3	.3										36	36	124	26
54/ 53	.2	.1	.9		1.1	.2	.3											26	26	119	28
52/ 5.		.1	.7	.3	.4		.2											16	16	11	47
50/ 49		.4	.1	.1														6	6	93	58
48/ 47		.4	.2	.1														7	7	76	76
46/ 45		.2	.2															4	4	53	101
44/ 43																				19	78
42/ 41																				8	81
40/ 39																				1	87
38/ 37																					82
36/ 35																					69
34/ 33																					49
32/ 31																					33
30/ 29																					29
28/ 27																					20

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUN — MONTH
PAGE 2
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
0/ 25																					9
24/ 23																					2
22/ 21																					6
2 / 1?																					1
TOTAL	.3	3.2	3.9	4.7	6.1	9.7	10.9	12.4	14.0	10.9	8.0	6.1	5.0	3.2	1.2	.3	.1	900	900	900	900

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.	1852899	37633	41.8	17.626	900							
Dry Bulb	4264553	61328	68.1	9.754	900			46.6	29.7	13.4	.2	90
Wet Bulb	2651993	48605	54.0	5.486	900			.4				90
Dew Point	1638810	37697	41.9	7.594	900		10.0					90

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISE ?? REVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]14 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]6/ 85											.1							1	1		
[illegible]4/ 83										.1			.1					2	2		
[illegible]2/ 8[illegible]														.1				1	1		
[illegible] / 79									.1	.3	.2	.1	.1					8	8		
7[illegible]/ 77								.1	.3	.1	.7	.3						14	14		
[illegible]5/ 75							.1	.2	.2	1.0	.2	.1						17	17		
[illegible]4/ 73						.1	.2	1.3	.7	1.1	.3	.1	.1					36	36		
[illegible]2/ 7[illegible]						.6	.3	1.2	1.3	.4		.1						36	36		
[illegible] / 69				.1	.1	1.1	1.9	1.0	.9	.4	.1							51	51		
[illegible]/ 67			.1	.1	.2	1.1	1.6	1.3	1.8	.7	.3							65	65		
[illegible]6/ 65		.1		.1	.9	.8	2.3	1.4	1.2	.1	.1							64	64	2	
[illegible]4/ 63		.2	.8	1.2	.7	1.6	2.6	1.3	.7									83	83	12	2
[illegible]2/ 6[illegible]		.1	.3	.9	1.4	1.4	1.8	1.3	.2									68	68	19	2
[illegible] / 59		.1	.2	1.1	1.1	1.3	1.1	.7	.2									51	51	63	2
[illegible]8/ 57		.7	.9	1.1	2.1	1.9	1.7	.3										77	77	72	11
56/ 55		1.6	1.4	2.3	2.2	1.7	1.1											92	92	85	28
[illegible]4/ 53	.3	.7	1.4	2.2	1.7	2.7	.3											84	84	119	40
52/ 51		.4	1.4	1.7	1.7	.7	.3											56	56	110	54
5 / 49		.3	1.1	1.4	.9	.7	.1											41	41	116	57
48/ 47		.4	1.3	1.3	.1	.1												30	30	97	67
46/ 45		.4	.7	.2	.4													16	16	97	107
44/ 43	.1	.1	.2	.1														5	5	61	91
42/ 41			.2															2	2	32	73
4 / 39																				11	97
38/ 37																				4	72
36/ 35																					63
34/ 33																					69
[illegible]2/ 31																					29
3 / 29																					15
28/ 27																					16
26/ 25																					5
TOTAL	.4	5.2	10.2	13.9	13.4	15.9	15.2	10.3	7.7	4.3	2.1	.8	.3	.1					900		900
																		900		900	

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.	2890129	48629	54.0	17.091	900							
Dry Bulb	3370268	54582	60.6	8.173	900			23.1	7.9	.8		90
Wet Bulb	2381658	46032	51.1	5.508	900							90
Dew Point	1677662	38320	42.6	7.160	900		6.5					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUN MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.0	1	1		
96/ 95															.0		.1	9	9		
94/ 93														.0	.0	.0	.3	10	10		
92/ 91													.0	.1	.2	.2	.1	40	40		
90/ 89												.0	.1	.3	.2	.1		49	49		
88/ 87										.0	.1	.1	.3	.3	.3	.0		84	84		
86/ 85									.0	.1	.2	.3	.2	.3	.1			86	86		
84/ 83								.0		.2	.3	.4	.4	.4	.1			134	134		
82/ 81								.0	.1	.3	.4	.3	.5	.4	.1			148	148		
80/ 79								.0	.3	.4	.5	.3	.3	.1	.0			137	137		
78/ 77						.0		.1	.5	.6	.6	.7	.2	.1				208	208		
76/ 75							.1	.2	.6	.8	.8	.4	.1					242	242		
74/ 73						.2	.3	.2	.8	.8	.6	.2	.0					259	259		
72/ 71					.1	.3	.4	.9	.9	.8	.8	.2						300	300		
70/ 69			.1	.2	.1	.5	1.0	1.0	1.1	.9	.3	.1						369	369	9	
68/ 67			.1	.0	.4	.8	.9	1.2	.8	.8	.2	.0						371	371	27	
66/ 65		.1	.1	.2	.5	.9	1.6	1.2	1.2	.5	.1							432	432	82	
64/ 63		.1	.3	.6	.9	1.6	1.7	1.5	.8	.3	.0							556	556	242	4
62/ 61		.1	.6	.8	1.3	1.5	1.5	.9	.4	.0								522	522	297	17
60/ 59		.3	.5	1.1	1.4	1.2	1.2	.6	.1									460	460	488	31
58/ 57		.6	1.0	1.8	1.5	1.5	.9	.3	.0									546	546	640	78
56/ 55		.9	1.1	1.7	1.2	1.2	.4	.1										470	470	700	207
54/ 53	.1	.8	1.5	1.4	1.5	.9	.2											459	459	884	281
52/ 51	.2	.4	1.3	1.4	1.1	.2	.1											329	329	894	458
50/ 49	.1	.5	1.5	.8	.8	.2	.0											277	277	800	495
48/ 47		.6	1.5	1.2	.3	.1												261	261	671	594
46/ 45		.9	1.6	.8	.2													251	251	594	800
44/ 43	.0	.3	.7	.3	.1													102	102	389	786
42/ 41		.3	.4	.1	.0													54	54	260	629
40/ 39		.2	.1	.1														23	23	135	663
38/ 37		.1	.1															9	9	59	622
36/ 35																				23	589
34/ 33																				4	413
32/ 31																					231

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14	FAIRCHILD AFB WA	69-78	JUL
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
84/ 81								.1		.1								2	2		
82/ 79								.2	.1			.1						4	4		
79/ 77							.1	.2	.4	.3	.1							11	11		
76/ 75							.4	.1	.6	.3	.2							16	16		
74/ 73						.1	.6	.4	.3	1.1	.9	.1						33	33		
72/ 71			.1		.2	1.0	1.1	.5	2.0	1.5	.6	.1	.1					68	68		
70/ 69			.2	.1	.3	.1	1.1	1.9	1.9	1.3								65	65		
68/ 67		.1	.3	.2	1.1	1.1	1.2	2.7	2.3	.8	.5	.1						93	93	4	
66/ 65		.1	.4	.8	1.3	1.0	2.6	2.0	1.4	.1	.1							91	91	9	4
64/ 63		.4	.8	1.0	1.1	2.4	2.6	2.8	.4	.2								108	108	24	1
62/ 61		.4	.8	1.1	1.1	2.0	2.8	1.7	.1									85	85	26	12
60/ 59		1.0	1.1	1.6	1.1	1.8	1.7	1.1	.1									88	88	53	8
58/ 57		1.2	1.2	.8	1.5	1.9	1.6	.6										81	81	87	27
56/ 55		1.2	.9	1.1	1.6	1.4	1.1											66	66	118	46
54/ 53		.2	1.1	1.3	1.1	1.5	.2											47	47	148	47
52/ 51		.3	1.1	.9	.8	.4	.1											33	33	138	48
50/ 49		.1	.5	.3	.6	.2												17	17	126	63
48/ 47			.4	.6														10	10	72	53
46/ 45			.2	.6	.1													9	9	61	80
44/ 43		.1		.1														2	2	42	95
42/ 41		.1																1	1	14	93
40/ 39																				6	99
38/ 37																				2	63
36/ 35																					80
34/ 33																					48
32/ 31																					34
30/ 29																					12
28/ 27																					12
26/ 25																					1
24/ 23																					1
22/ 21																					3
TOTAL		5.3	9.0	10.0	11.6	14.9	17.1	13.8	9.6	5.7	2.5	.4	.1						930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2816888	48578	52.2	17.34	930							
Dry Bulb	3702941	58319	62.7	7.024	930			29.2	6.6	.4		93
Wet Bulb	2593852	48870	52.5	5.271	930			.4				93
Dew Point	1821215	40499	43.5	7.874	930		6.3					93

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

6141

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUL — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5/ 75							.2	.1			.1							4	4		
74/ 73						.2		.1	.5		.1							9	9		
72/ 71			.2		.2	.4	.2	.3	.2	.3	.1							19	19		
70/ 69		.1			.5	.6	.4	1.0	.2	.6								33	33	1	
68/ 67		.2	.2	.2	.4	1.0	1.1	1.6	.5									49	49	2	2
66/ 65		.3	.3	.2	1.4	1.9	2.3	1.3	1.5									81	81	3	4
64/ 63		.5	.5	1.0	1.5	2.4	2.4	1.7	.1	.1								95	95	15	3
62/ 61		.6	.8	2.2	1.5	2.5	1.7	.6	.4									96	96	20	8
60/ 59		1.2	1.7	2.3	3.2	2.7	2.2	.3	.1									120	120	32	3
58/ 57		1.0	1.5	1.6	2.7	1.6	1.0											87	87	69	33
56/ 55	.1	1.9	2.2	2.6	1.7	1.9	.5	.1										103	103	102	28
54/ 53		.5	.5	2.3	1.3	1.5	.3											60	60	135	48
52/ 51	.1	.8	2.0	2.5	1.7	1.0												75	75	148	60
50/ 49		.5	2.1	.9	1.1	.1												42	42	115	69
48/ 47		.2	1.3	1.0	.3													26	26	94	74
46/ 45		.1	1.1	.9	.4													23	23	92	107
44/ 43			.2	.3														5	5	50	107
42/ 41																				34	87
40/ 39			.2															2	2	11	87
38/ 37			.1															1	1	4	64
36/ 35																				2	69
34/ 33																				1	34
32/ 31																					23
30/ 29																					8
28/ 27																					10
26/ 25																					2
TOTAL	.2	8.1	14.2	17.7	18.0	17.8	12.3	7.2	3.1	1.1	.3							930	930	930	930

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.	3612155	56309	60.2	16.040	930							
Dry Bulb	3269466	54798	58.9	6.613	930			11.4	1.3			93
Wet Bulb	2464271	47609	51.2	5.396	930			.3				93
Dew Point	1869109	41131	44.2	7.337	930		4.3	.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

[illegible] STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 83										.1		.1						2	2		
82/ 81								.1			.1							2	2		
8 / 79								.5	.1	.3	.2							11	11		
78/ 77						.1	.1	.4	.3	.4		.1						14	14		
76/ 75						.1	.5	.6	1.1	1.4	.4	.2						41	41		
74/ 73						.2	1.1	1.1	1.4	1.3	.3							50	50		
72/ 71				.1	.1	1.0	1.7	1.3	1.5	.4	.1							59	59		
7 / 69		.1	.1		.2	1.1	2.1	2.8	1.3	.4								74	74	1	
68/ 67		.2	.4	.3	1.3	1.9	1.8	2.5	.5									84	84	4	1
66/ 65		.6	.1	.8	1.4	2.2	2.7	1.9	.5	.1								96	96	16	3
64/ 63		.2	.4	1.4	2.2	2.1	2.6	.6	.5	.1								94	94	30	6
62/ 6[illegible]		.2	.6	1.5	1.6	2.6	2.7	.5										85	85	46	10
6 / 59		.2	.9	1.2	3.2	1.8	1.2	.6										35	85	79	12
58/ 57		.8	1.1	1.7	1.2	1.7	.9	.1										69	69	123	21
56/ 55		1.2	1.2	2.3	1.7	1.3	.1											72	72	149	41
54/ 53		.4	.5	1.7	1.1	.6												41	41	136	66
52/ 5[illegible]		.2	.9	1.2	.4													25	25	127	89
5 / 49			.6	.3	.5	.1												15	15	82	81
48/ 47		.1	.4	.2														7	7	72	91
46/ 45			.1	.1														2	2	42	126
44/ 43			.1															1	1	17	118
42/ 41																				6	78
40/ 39																				1	84
38/ 37																					37
36/ 35																					26
34/ 33																					19
32/ 31																					12
30/ 29																					5
28/ 27																					3
TOTAL		4.3	7.5	12.8	15.1	16.7	16.8	13.2	7.4	4.6	1.2	.4							929		929
																		929		929	

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.	2099873	50801	54.7	15.463	929							
Dry Bulb	3832982	59298	63.8	7.192	929			33.7	12.0	.8		93
Wet Bulb	2746082	50290	54.1	5.055	929			.5				93
Dew Point	2020085	42875	46.2	6.673	929		2.0	.1				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUL — MONTH

PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 93															.2			2	2		
92 / 91											.1	.2	.2	.1	.1			7	7		
[illegible] / 89										.1	.1		.1	.5	.3	.1		12	12		
88 / 87										.2	.3	.6	.3	.6	.3			23	23		
86 / 85								.1		.2	.8	1.2	1.4	1.1	.1			45	45		
84 / 83								.2	.2	.4	.6	2.4	1.5	.5		.1		56	56		
[illegible] / 81									.4	1.1	2.3	2.5	1.0	.1	.1			69	69		
[illegible] / 79							.1	.2	.5	2.0	1.9	1.4	.3	.1				62	62		
78 / 77							.2	.5	1.3	2.0	1.8	.9	.1					64	64		
76 / 75							.4	1.1	1.5	1.8	1.6	.4						64	64		
74 / 73					.2	.4	.6	.8	2.4	1.5	1.0	.3						67	67		
72 / 71		.1			.1	.8	1.0	1.4	1.8	1.3	.9							68	68	3	
[illegible] / 69		.2		.3	.5	1.2	1.6	2.4	2.5	1.3	.2							95	95	9	
68 / 67		.2	.1		.6	.8	1.3	1.6	1.1	.8	.3							63	63	18	2
66 / 65			.2	.3	.2	.9	1.6	1.9	.9	.2								58	58	35	2
64 / 63			.1	1.1	.5	.8	1.5	1.2	.6									54	54	76	5
62 / 61			.8	.4	.6	1.1	1.1	.9	.1									46	46	133	9
[illegible] / 59			.4	.3	.3	1.5	.6	.1	.1									35	35	130	11
56 / 57		.1	.4	.8	.5	.4	.1	.2										24	24	145	28
56 / 55		.3	.2	.1	.2													8	8	113	50
54 / 53	.2	.3					.1											6	6	100	53
52 / 51					.1													1	1	88	67
5 / 49																				54	82
48 / 47																				18	100
46 / 45																				2	114
44 / 43																				5	106
42 / 41																					82
4 / 39																					91
38 / 37																					42
36 / 35																					34
34 / 33																					21
32 / 31																					14
30 / 29																					7
28 / 27																					8

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24 14 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 25																					1
TOTAL	.2	1.3	2.3	3.3	4.4	7.8	10.3	12.5	13.5	13.0	11.9	9.9	5.3	3.1	1.2	.2			929		929
																		929		929	

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.	1714154	37348	40.2	15.139	929							
Dry Bulb	5009184	67748	72.9	8.599	929			69.8	47.2	23.8	.2	93
Wet Bulb	3095148	53424	57.5	4.967	929			3.8				93
Dew Point	1983032	42422	45.7	7.030	929		3.3	.2				93

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

C 62/13

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
102/																	.1	1	1		
100/ 99																.1		1	1		
98/ 97															.2	.3	.3	8	8		
96/ 95														.3	.5	.1	.3	12	12		
94/ 93													.3	.1	.6	.9	.8	25	25		
92/ 9												.3	.2	.9	1.3	1.7	.9	49	49		
9 / 89											.3	.3	.3	3.0	2.3	2.0	.5	82	82		
88/ 87											.1	.1	1.3	2.7	2.4	.4		65	65		
86/ 85											1.3	.9	2.0	1.7	1.5	.4		70	70		
84/ 83										.2	.3	1.1	1.8	1.4	.1	.1		47	47		
82/ 81									.9	.4	1.1	1.0	2.3	1.0	.2			63	63		
8 / 79								.5	.5	.8	1.1	2.3	1.0	.6				61	61		
78/ 77							.1	.6	1.3	1.1	.9	1.6	1.2	.1				64	64		
76/ 75					.1		.2	1.0	.9	1.3	1.1	1.5	.4					60	60		
74/ 73				.1		.2	.5	.9	1.4	1.1	1.3	.6						57	57		
72/ 71			.1	.2		.2	.5	1.3	1.2	1.4	1.6							61	61	2	
7 / 69					.1	.6	.3	.9	2.2	1.0	.4	.3						55	55	16	
66/ 67				.1	.1	.3	.4	.6	1.3	.8	.1	.1						39	39	21	1
66/ 65	.1	.2	.2	.3	.4	.3	.4	.4	1.1	.2								36	36	62	2
64/ 63		.3	.4	.4	1.0	.3	1.3	.1										36	36	103	1
62/ 61			.2	.1	.4	.4	.2											13	13	150	4
60/ 59		.3	.2	.1	.4	.2	.2	.1										15	15	163	7
58/ 57			.2				.1											3	3	113	33
56/ 55	.1				.1													2	2	96	36
54/ 53	.5																	5	5	100	30
52/ 51																				59	49
50/ 49																				36	65
48/ 47																				5	82
46/ 45																				2	110
44/ 43																				2	78
42/ 41																					64
4 / 39																					106
38/ 37																					79
36/ 35																					78

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 FAIRCHILD AFB WA 69-78 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
3-/ 33																					49
[illegible]/ 31																					20
[illegible]/ 29																					21
[illegible]/ 27																					6
[illegible]/ 25																					6
[illegible]/ 23																					3
TOTAL	.6	1.[illegible]	1.7	1.7	3.8	4.[illegible]	8.1	10.[illegible]	8.2	9.2	9.9	10.[illegible]	11.6	9.1	6.1	2.9		930		930	
																		930		930	930

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.	1093667	28899	31.1	14.512	930							
Dry Bulb	5354708	73256	78.8	9.528	930			82.0	66.5	45.7	4.7	93
Wet Bulb	3230724	54630	58.7	4.828	930			3.9				93
Dew Point	1800726	40316	43.4	7.554	930		5.6	.1				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] FAIRCHILD AFB WA 69-78 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 99																.1	.5	7	7		
[illegible] / 97															.1	.5	1.4	19	19		
99/ 95												.1			.4	.1	1.3	15	15		
[illegible] / 93														.1	.3	1.4	2.2	37	37		
[illegible] / [illegible]											.1		.4	.5	2.6	2.9	2.4	83	83		
[illegible] / 89											.2	.1	.3	1.6	2.5	1.9	1.4	75	75		
88/ 87								.1		.2	.3	.1	1.1	1.2	2.2	1.4	.4	65	65		
86/ 85											.4	1.1	1.3	2.7	1.6	.3		69	69		
84/ 83										.3	.5	.9	1.2	2.3	.4	.2		53	53		
[illegible] / 81									.3	.9	.8	1.6	1.6	1.8	.5			70	70		
81/ 79						.1		.1	.8	.9		2.7	1.5	.8				63	63		
79/ 77						.1	.3	.2	.8	.6	1.1	1.3	1.0	.3	.1			54	54		
76/ 75					.1	.1	.3	.2	1.0	1.6	1.2	1.0	.6	.1				58	58		
74/ 73				.1	.3	.2	.5	.6	1.4	1.5	2.2	1.1						74	74	2	
72/ 71				.1		.1		.4	.3	1.3	1.3	.5						38	38	1	
[illegible] / 69					.3	.4	.1	.4	.4	1.3	1.1	.6						44	44	13	
68/ 67				.3	.1	.3	.4	.5	.3	.5								24	24	23	
66/ 65			.1	.3		.9	.9	.5	.9	.2								35	35	60	5
64/ 63			.2	.5		.2	.2	.5	.1									18	18	113	2
62/ 61						.1	.4	.1	.2									8	8	146	4
[illegible] / 59				.2	.1	.2												5	5	165	10
58/ 57			.3	.2	.1	.2		.1										9	9	116	16
56/ 55		.1	.2	.2														5	5	106	32
54/ 53		.2																2	2	81	32
52/ 51																				60	28
50/ 49																				35	61
48/ 47																				4	61
46/ 45																				2	67
44/ 43																				1	97
42/ 41																					83
40/ 39																					89
38/ 37																					87
36/ 35																					87
34/ 33																					67

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE.DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					40
30/ 29																					28
28/ 27																					16
26/ 25																					9
24/ 23																					8
22/ 21																					1
TOTAL		.3	.9	2.2	1.1	3.7	3.2	4.7	6.5	9.4	9.2	11.1	9.0	11.2	10.8	8.9	9.4	930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	910575	25879	27.8	14.318	930							
Dry Bulb	6131437	74991	80.6	9.537	930			84.8	74.2	52.2	7.8	93
Wet Bulb	3238003	54699	58.8	4.734	930			3.9	.2			93
Dew Point	1680522	38826	41.7	8.010	930		10.2					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
JUL — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
1 / 99																.1		1	1		
98/ 97																	.1	1	1		
96/ 95																.1	.5	6	6		
94/ 93														.3	.2	.6	.2	13	13		
92/ 91													.2	.2	1.1	1.0	.4	27	27		
90/ 89										.1		.1	.3	.6	1.5	1.1	1.0	44	44		
88/ 87									.1	.1		.1	.6	1.7	1.9	1.2		54	54		
86/ 85										.1	.3	.5	1.4	1.3	1.5	.4		52	52		
84/ 83								.1	.3		.3	1.8	1.7	2.2	1.3	.2		71	71		
82/ 81								.1	.2	.6	1.3	2.0	2.2	1.2	.3			74	74		
80/ 79							.2		.3	.4	1.2	1.6	2.2	.8	.1			63	63		
78/ 77					.1			.6	1.0	1.2	1.3	2.4	1.5	.1	.1			77	77		
76/ 75				.1	.1		.3	.5	.8	1.5	1.6	1.3	.4	.1				63	63		
74/ 73				.1		.4	.3	.9	1.3	1.4	1.4	.9						59	59		
72/ 71			.1	.2	.8	.5	.2	1.1	1.8	1.9	1.2	.3						75	75	3	
70/ 69			.1	.2	.4	.4	.4	1.2	1.0	1.6	1.3	.3						65	65	8	
68/ 67					.2	.4	.5	.5	1.0	1.1	.3							38	38	18	3
66/ 65		.1	.1	.5	.2	.9	.4	1.1	1.4	.4								48	48	20	1
64/ 63			.2	.4	.3	.2	.4	.4	.8	.2								28	28	88	5
62/ 61		.1	.4		.6	.5	.8	.5	.2									30	30	119	5
60/ 59			.2	.2		.5	.2											11	11	155	15
58/ 57			.6	.2	.1	.3	.1											13	13	131	15
56/ 55		.3	.3		.4	.1	.1											12	12	134	39
54/ 53		.1	.2		.1													4	4	101	30
52/ 51						.1												1	1	71	38
50/ 49																				52	48
48/ 47																				25	62
46/ 45																				3	79
44/ 43																				2	90
42/ 41																					75
40/ 39																					92
38/ 37																					86
36/ 35																					86
34/ 33																					63

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] FAIRCHILD AFB WA 69-78 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[redacted] / 3[redacted]																					45
[redacted] / 29																					22
28 / 27																					16
[redacted] / 25																					9
[redacted] / 23																					4
[redacted] / 19																					2
TOTAL		.6	2.4	2.0	3.3	4.5	4.1	7.1	9.8	10.8	10.2	11.4	10.5	8.5	7.7	4.7	2.3	930	930	930	930

Element (X)	$\Sigma x'$	$\Sigma x'^2$	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1215468	30134	32.4	16.042	930							
Dry Bulb	5523489	71155	76.5	9.243	930			78.3	60.5	38.4	2.1	93
Wet Bulb	3092602	53442	57.5	4.820	930			2.9				93
Dew Point	1713847	39195	42.1	8.167	930		9.8	.3				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91													.1		.1			2	2		
88/ 87											.1		.1					2	2		
86/ 85										.1	.2	.1		.2	.1			7	7		
84/ 83								.1		.1	.2	.2	.4	.2				12	12		
82/ 81									.2	.4	.8	1.6	.8	.1	.1			37	37		
8 / 79								.3	.2	.5	.5	1.1	.6	.1				32	32		
78/ 77								.3	.4	1.1	1.2	1.4	.4	.2				47	47		
76/ 75						.3	.3	.2	.6	2.2	2.7	1.1	.2	.1				72	72		
74/ 73			.1			.2	.8	.8	1.2	2.0	2.4	.8	.2					78	78		
72/ 71			.1	.2		.4	.6	.9	1.7	2.7	1.8	.2	.1					82	82		
7 / 69		.1	.1	.1	.3	.6	1.3	1.4	2.4	1.6	.9	.3						85	85	2	
68/ 67		.1	.6	.3	1.3	.9	1.1	1.8	1.8	.5	.2							78	78	7	2
66/ 65		.2	.5	.4	.6	.9	1.1	2.3	1.7	.2	.3							77	77	19	2
64/ 63		.1	1.0	.9	1.0	.8	1.6	1.6	1.4	.4								81	81	27	2
62/ 61		.1	.1	1.3	.5	1.1	1.7	1.3	.5									56	56	45	14
60/ 59		.9	.8	.4	.4	1.2	1.1	1.4										57	57	105	10
58/ 57		.4	.6	1.1	.6	1.1	1.4	.1										50	50	123	32
56/ 55		.6	.5	.8	.6	.8	.3	.1										35	35	122	31
54/ 53		.5	.2	.1	.4	.6												18	18	155	41
52/ 51		.1	.2	.5	.4													12	12	122	44
5 / 49				.4	.1	.1												6	6	88	61
48/ 47			.1	.1	.1													3	3	50	44
46/ 45				.1														1	1	49	86
44/ 43																				11	71
42/ 41																				5	103
4 / 39																					97
38/ 37																					77
36/ 35																					70
34/ 33																					55
32/ 31																					43
30/ 29																					18
28/ 27																					13
26/ 25																					7
24/ 23																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24.14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
27 28																						3
TOTAL		3.2	5.1	6.5	6.2	8.9	11.3	12.3	12.3	11.9	11.3	6.8	3.7	1.0	.3					930		930
																			930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2452469	40385	43.4	17.933	930							
Dry Bulb	4360132	63244	68.0	7.987	930			53.4	28.9	7.0		93
Wet Bulb	2785576	50676	54.5	5.106	930			.9				93
Dew Point	1774317	39885	42.9	8.285	930		8.8	.2				93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | JUL MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
101/ 99																	.0	1	1		
100/ 99																.0	.1	9	9		
98/ 97															.0	.1	.2	28	28		
96/ 95												.0		.0	.1	.0	.2	33	33		
94/ 93													.0	.1	.2	.4	.4	77	77		
92/ 91											.0	.1	.1	.2	.5	.7	.5	168	168		
90/ 89										.1	.1	.1	.1	.7	.8	.6	.4	213	213		
88/ 87								.0	.0	.1	.1	.1	.4	.8	.8	.4	.1	209	209		
86/ 85								.0		.1	.3	.5	.8	.9	.6	.1		243	243		
84/ 83								.1	.1	.1	.3	.8	.8	.8	.2	.1		241	241		
82/ 81								.0	.3	.4	.8	1.1	1.0	.5	.2			317	317		
80/ 79						.0	.0	.2	.3	.6	.6	1.1	.7	.3	.0			296	296		
78/ 77					.1	.0	.1	.4	.7	.8	.8	1.0	.5	.1	.0			331	331		
76/ 75				.0	.0	.1	.3	.5	.8	1.3	1.1	.7	.2	.0				378	378		
74/ 73			.0	.0	.1	.3	.6	.7	1.2	1.2	1.2	.5	.0					427	427	2	
72/ 71		.0	.1	.1	.2	.6	.7	.5	1.3	1.4	1.0	.1	.0					470	470	9	
70/ 69		.1	.1	.1	.4	.6	.9	1.5	1.5	1.1	.5	.2						516	516	50	
68/ 67		.1	.2	.2	.6	.8	1.0	1.5	1.1	.6	.2	.0						468	468	97	11
66/ 65		.2	.3	.4	.7	1.1	1.5	1.4	1.1	.2	.1							522	522	224	23
64/ 63		.2	.4	.8	.9	1.2	1.5	1.3	.5	.1								514	514	476	25
62/ 61		.2	.4	.8	.8	1.3	1.4	.6	.2									419	419	683	66
60/ 59		.4	.6	.8	1.1	1.3	.9	.5	.1									416	416	882	76
58/ 57		.4	.7	.8	.8	.9	.6	.2										336	336	909	205
56/ 55	.1	.7	.7	.9	.8	.7	.3	.0										303	303	940	303
54/ 53	.1	.4	.3	.6	.5	.5	.1											183	183	956	347
52/ 51	.1	.2	.5	.6	.4	.2	.0											147	147	813	423
50/ 49		.1	.4	.2	.3	.1												80	80	588	530
48/ 47		.1	.3	.2	.1													46	46	340	567
46/ 45		.0	.2	.2	.1													35	35	253	769
44/ 43		.0	.0	.1														8	8	130	762
42/ 41		.0																1	1	59	665
40/ 39			.0															2	2	18	745
38/ 37			.0															1	1	6	535
36/ 35																				2	530

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) JUL (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																				1	356
32/ 31																					231
30/ 29																					121
28/ 27																					84
26/ 25																					35
24/ 23																					20
22/ 21																					7
20/ 19																					2
TOTAL	.1	3.0	5.3	7.0	7.7	9.7	9.9	9.8	9.1	8.1	7.0	6.2	4.8	4.5	3.6	2.5	1.8	7438	7438	7438	7438

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.	16415249	318033	42.8	19.462	7438							
Dry Bulb	37684339	522809	70.3	11.223	7438			442.6	297.2	168.3	14.8	744
Wet Bulb	23246254	413640	55.6	5.716	7438			15.8	.2			744
Dew Point	14662853	325149	43.7	7.771	7438		50.0	1.1				744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
24114	FAIRCHILD AFB WA	69-78	AUG

PAGE 1 — HOURS (L. S. T.): 0000-0200

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] / 81												.2						2	2		
80 / 79										.1		.1						2	2		
78 / 77										.3	.3	.6	.1					13	13		
76 / 75									.1	.1	.8	.5	.3	.1				18	18		
74 / 73								.1	.2	.2	1.0	1.1	.2					26	26		
72 / 71								.2	1.0	1.7	1.3	1.2	.3					53	53		
70 / 69						.3	.4	.3	1.4	2.5	2.0	.3						68	68		
68 / 67					.2	.6	1.1	1.2	1.4	.9	.6	.3						59	59		
66 / 65				.5	1.1	.8	2.2	2.0	3.0	.9	.1							99	99		
64 / 63		.1	.1	1.8	.8	1.5	2.3	2.7	2.3	.3								111	111	1	
62 / 61		.2	1.0	1.6	1.1	1.9	2.2	2.6	1.0	.1								108	108	16	
60 / 59		.1	.4	1.4	2.3	1.1	2.2	.8	.3									79	79	41	2
58 / 57	.1	.3	1.1	1.7	2.3	1.3	1.7	.6										78	78	66	16
56 / 55		1.2	1.7	1.7	1.7	1.2	.5		.3									78	78	116	22
54 / 53	.2	.4	1.6	1.5	.6	.4	.1	.1	.1									48	48	153	33
52 / 51	.2	1.4	1.3	.6	1.0		.1	.1										44	44	164	60
50 / 49		1.0	1.0	.4	.3	.2												27	27	156	61
48 / 47		.1	.1	.5	.1													8	8	123	62
46 / 45		.2	.4	.2														8	8	43	98
44 / 43		.1																1	1	28	92
42 / 41																				16	92
40 / 39																				7	77
38 / 37																					89
36 / 35																					85
34 / 33																					51
32 / 31																					30
30 / 29																					30
28 / 27																					17
26 / 25																					5
24 / 23																					3
22 / 21																					3
18 / 17																					1
16 / 15																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24 14 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	.3	5.2	8.7	12.5	12.2	10.0	12.3	13.0	12.4	7.4	3.9	1.8	.2					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2772588	47568	51.1	19.118	930							
Dry Bulb	3633421	57771	62.1	6.938	930			24.1	6.1	.2		93
Wet Bulb	2496799	48017	51.6	8.356	930							93
Dew Point	1693221	39081	42.0	7.405	930		9.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-73 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
81/ 75										.1	.2							3	3		
74/ 73									.2	.1								3	3		
72/ 71							.1		.6	.4	.2							13	13		
7 / 69					.1	.1	.4	.5	.5	1.0								25	25		
68/ 67				.1	.4	.5	.6	1.4	.8	.3	.3							42	42		
66/ 65				.6	.9	1.0	1.9	1.9	1.3									71	71		
64/ 63			.4	1.5	2.3	1.8	1.9	2.4	1.2	.1								108	108		
62/ 61			.6	1.5	1.5	2.3		1.5	.2									89	89	6	
6 / 59		1.4	.6	1.1	2.2	2.5		1	.1									100	100	18	
58/ 57		.8	2.2	2.4	1.9	2.1	2.	.2										107	107	56	12
56/ 55		1.4	1.9	3.3	1.7	1.8	.											101	101	89	26
54/ 53		1.3	2.7	2.2	1.9	1.1	.1	.2										88	88	124	38
52/ 51	.2	1.3	2.8	2.7	1.9	.2	.3											88	88	170	61
5 / 49	.1	.9	2.4	.5	.1	.2												39	39	146	76
48/ 47	.3	1.2	.9	.6	.1	.2												31	31	137	67
46/ 45		.4	.5	.3	.2													14	14	111	120
44/ 43		.2	.4	.1														7	7	32	95
42/ 41		.1																1	1	21	107
4 / 39																				10	87
38/ 37																				4	80
36/ 35																					69
34/ 33																					37
32/ 31																					26
30/ 29																					16
28/ 27																					5
26/ 25																					5
24/ 23																					3
TOTAL	.6	8.9	15.5	17.0	15.3	13.8	11.9	9.2	4.9	2.5	.8								930		930
																		930		930	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3575714	55238	59.4	17.814	930							
Dry Bulb	3203364	54274	58.3	6.223	930			5.6	.6			93
Wet Bulb	2380201	46871	50.4	4.396	930							93
Dew Point	1764108	40026	43.0	6.679	930		5.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

 0630-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
≥ / 8												.1						1	1		
8 / 79									.1		.2		.2					5	5		
78/ 77									.2	.2	.6	.3						13	13		
76/ 75							.4	.3	.6	.5	.3							21	21		
74/ 73						.1	.1	1.0	1.1	1.2	.2							34	34		
72/ 71				.1	.1	.3	.6	1.2	1.2	.8	.4							44	44		
70/ 69				.1	.5	.8	1.9	1.6	1.4	.4								60	60		
68/ 67				.1	.5	1.4	1.7	1.6	1.5	.2								67	67		
66/ 65			.2	.4	2.0	2.4	2.8	1.8	.8									95	95	2	
64/ 63			.6	1.3	1.8	2.2	1.7	1.2	.3									85	85	10	
62/ 61		.2	.8	1.4	1.7	2.7	1.9	.9	.1									90	90	24	1
60/ 59		.9	1.1	1.9	1.7	2.5	1.5	.1										90	90	56	6
58/ 57		1.5	1.4	2.2	2.7	1.2	.3	.1										87	87	127	20
56/ 55	.3	2.0	1.4	1.6	1.9	1.1	.2											80	80	137	41
54/ 53	.1	1.0	2.4	2.0	1.6	.2	.2											70	70	148	56
52/ 51	.2	1.1	1.8	1.1	.3	.1	.1											44	44	151	75
5 / 49	.4	.5	1.5		.3	.1												27	27	120	96
48/ 47	.1	.3	.6	.1	.1													12	12	84	104
46/ 45		.1	.1															2	2	47	118
44/ 43		.2		.1														3	3	16	125
42/ 41																				5	87
4 / 39																				2	81
38/ 37																				1	46
36/ 35																					46
34/ 33																					15
32/ 31																					6
3 / 29																					4
28/ 27																					2
26/ 25																					1
TOTAL	1.2	7.8	11.9	12.5	15.6	14.6	13.7	9.6	7.3	3.3	1.8	.4	.2						930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3382545	53625	57.7	17.682	930							
Dry Bulb	3603668	57506	61.8	7.174	930			24.5	7.4	.1		93
Wet Bulb	2626911	49253	53.0	4.458	930							93
Dew Point	1955054	42266	45.4	6.065	930		1.3					93

USAFETAC FORM 0-26-5 (OL A) 6/50 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 | FAIRCHILD AFB WA | 69-78 | AUG
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
- / 9														.1		.3		4	4		
9 / 89													.1	.2	.5	.3	.1	12	12		
88/ 87											.1	.5	.5	.5	.2	.1		20	20		
86/ 85											.2	.6	.6	1.2	.2			27	27		
84/ 83										.3	.9	1.1	.9	.5	.1			35	35		
82/ 81									.3	.5	1.3	2.7	1.3	.4				59	59		
80/ 79								.3	.3	1.9	1.7	1.5	.8	.1				66	66		
78/ 77							.2	.6	1.4	1.8	1.5	1.2						66	66		
76/ 75							.5	1.1	2.2	1.9	2.3	.6						82	82		
74/ 73						.4	.4	2.5	1.4	1.9	.8	.2	.1					72	72		
72/ 7_				.2		.6	1.4	1.6	2.5	1.0	.5	.1						74	74		
7 / 69			.1		.4	1.2	2.2	2.3	1.5	1.3	.2	.1						86	86		
68/ 67			.1		.5	.9	.9	1.7	1.0	.2	.1							51	51	3	
66/ 65				.4	.8	1.2	1.2	1.4	.9	.1								54	54	26	
64/ 63			.1	.2	1.5	1.6	1.5	1.2	.2									59	59	65	1
62/ 61		.1	.4	1.3	2.2	1.2	1.1		.2									60	60	113	3
6 / 59		.5	.4	1.1	1.1	.5	.3	.1										39	39	160	6
58/ 57		.5	.6	.5	.4	.3												25	25	152	25
56/ 55	.3	.6	.8	.4	.5													25	25	142	42
54/ 53		.4	.3	.1														8	8	127	53
52/ 51	.1	.1	.2	.1														5	5	87	91
5 / 49																			1	34	108
48/ 47																				18	100
46/ 45																				2	124
44/ 43																					90
42/ 41																					99
4 / 39																					65
38/ 37																					58
36/ 35																					38
34/ 33																					9
32/ 31																					5
3 / 29																					7
28/ 27																					3
26/ 25																					2

Element (X)	$\Sigma X'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours w/@ 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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.9	2.6	3.2	4.4	7.4	8.0	9.8	12.8	12.3	11.2	9.9	8.8	4.1	3.1	1.1	.8	.1	929	930	929	929

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.	1973909	39725	42.8	17.222	929							
Dry Bulb	4842494	66622	71.6	8.676	930			65.4	44.3	18.3		93
Wet Bulb	3044481	53039	57.1	4.197	929			.3				93
Dew Point	1985386	42550	45.8	6.273	929		1.7					93

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

6151 C

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION — FAIRCHILD AFB WA STATION NAME — 69-78 YEARS — AUG MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 [illegible] / 99																	.2	2	2		
98 / 97																	1.0	9	9		
96 / 95																.4	1.1	14	14		
94 / 93														.1	.4	1.0	1.1	24	24		
92 / 91														.8	1.3	1.2	.6	36	36		
9 / 89													.9	1.3	1.9	1.3	.4	54	54		
88 / 87											.1	.4	1.0	1.3	1.5	.6		46	46		
86 / 85											.5	.8	1.6	2.5	1.1	.2		62	62		
84 / 83									.1	.1	.5	1.9	2.6	2.3	.3			73	73		
82 / 81									.1	1.4	2.0	1.3	2.4	2.3	.1			89	89		
8 / 79							.1	.2	.9	1.2	1.3	1.3	1.9	.6				70	70		
78 / 77								.2	.8	1.2	1.7	1.5	.6	.1				57	57		
76 / 75								.9	1.4	1.4	1.7	.8	.8					64	64		
74 / 73				.1	.1	.2	.4	1.1	1.9	1.2	1.5	.2	.4					67	67		
72 / 71						.1	1.0	.4	.8	1.7	.5							42	42		
7 / 69					.2	.6	.5	.8	1.9	.6								44	44		
68 / 67					.1	.8	1.1	1.1	.8	.3	.3							41	41	8	
66 / 65			.1	.5	.3	1.1	1.6	.9	1.1	.1								53	53	46	1
64 / 63			.1	.4	.6	.8	.6	.8										31	31	106	1
62 / 61		.2	.4	.5	.1	.2	.5											19	19	152	1
6 / 59			.4	.2		.1	.2											9	9	174	3
58 / 57	.1	.3	.6	.2		.1												13	13	144	13
56 / 55		.3	.4	.1														8	8	121	22
54 / 53			.2															2	2	105	42
52 / 51			.1															1	1	43	73
5 / 49																				24	77
48 / 47																				7	78
46 / 45																					109
44 / 43																					86
42 / 41																					100
40 / 39																					98
38 / 37																					73
36 / 35																					55
34 / 33																					50

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
32/ 32																					13
31/ 29																					23
28/ 28																					4
26/ 25																					6
22/ 21																					2
TOTAL	.1	.9	2.5	2.2	1.5	4.0	6.1	6.2	9.7	9.2	10.3	8.2	12.2	11.2	6.7	4.7	4.4		930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1216232	30142	32.4	16.050	930			79.4	66.7	44.5	4.9	93
Dry Bulb	5739892	72518	78.0	9.577	930			.8				93
Wet Bulb	3192578	54356	58.4	4.100	930		4.8					93
Dew Point	1794273	40345	43.4	6.885	930							93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
102/101																	.2	2	2		
100/ 99																	1.3	12	12		
98/ 97																	1.6	15	15		
96/ 95															.1	.3	2.0	23	23		
94/ 93															.2	1.7	1.8	35	35		
92/ 91														.2	1.6	2.5	1.1	50	50		
90/ 89												.1	.2	.4	1.6	2.8	.1	49	49		
88/ 87												.2	.4	3.1	2.3	1.1		66	66		
86/ 85											.2	.4	1.8	2.3	2.2	.8		70	70		
84/ 83								.1		.2	.8	1.2	1.5	1.9	.9			61	61		
82/ 81									.2	.9	1.1	1.7	2.4	3.8	.5			98	98		
80/ 79								.1	.3	.5	1.7	1.5	1.1	1.2				60	60		
78/ 77						.1	.1		1.0	1.2	1.4	1.6	1.1	.4				64	64		
76/ 75							.2	.4	1.3	1.2	1.0	.5	.2	.2				47	47		
74/ 73							.4	.9	.8	1.6	1.3	.1	.1					48	46		
72/ 71						.1	.4	.5	.8	1.8	.4	.3						41	41		
70/ 69					.3	.2	.5	.5	1.1	1.0	.1	.3						38	38	1	
68/ 67				.1	.3	.6	.6	1.7	.9	.4	.3							47	47	4	
66/ 65				.2	.5	.6	1.4	.9	.8	.1								42	42	36	
64/ 63				.3	.5	.1	.4	.3	.1									17	17	119	
62/ 61		.1	.3	.3	.1	.1	.4	.2										15	15	164	2
60/ 59		.3		.8	.1													11	11	167	1
58/ 57		.2	.1	.1														4	4	141	14
56/ 55	.1		.5	.2														8	8	119	18
54/ 53		.3	.2															5	5	103	25
52/ 51			.1															1	1	45	51
50/ 49																				27	62
48/ 47																				3	64
46/ 45																					97
44/ 43																					86
42/ 41																					86
40/ 39																					115
38/ 37																					104
36/ 35																					63

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	69-78	AUG
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
34/ 33																					51
32/ 31																					36
30/ 29																					29
28/ 27																					14
24/ 23																					7
22/ 21																					4
TOTAL	.1	1.0	1.3	2.0	1.9	1.9	4.6	5.7	7.1	8.9	8.3	8.1	8.8	13.6	9.3	9.1	8.2	929	929	929	929

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1021061	27041	29.1	15.878	929							
Dry Bulb	5998348	74078	79.7	9.925	929			82.7	70.1	51.0	8.7	93
Wet Bulb	3188908	54300	58.4	4.031	929			.5				93
Dew Point	1665261	38783	41.7	7.055	929		9.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — F RCHILD AFB WA — STATION / STATION NAME

69-78 — YEARS

AUG — MONTH

PAGE 1

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
98/ 97																	.3	3	3		
96/ 95																	.8	7	7		
94/ 93															.1	.8	.6	14	14		
92/ 91														.2	.3	.3	.3	11	11		
90/ 89													.1	.2	1.4	1.3	.1	29	29		
88/ 87													.1	1.1	1.8	.2	.2	32	32		
86/ 85												.5	1.0	2.7	1.1	.3		52	52		
84/ 83										.1	.1	.2	2.0	2.0	.5	.1		48	48		
82/ 81									.1		1.1	2.2	2.0	2.0	.4			73	73		
80/ 79									.2	.9	.6	1.8	1.7	.9	.2			59	59		
78/ 77								.2	.6	1.1	1.4	2.4	1.4	.3	.1			70	70		
76/ 75							.2	.6	.5	1.2	2.2	1.7	1.1	.2				72	72		
74/ 73						.1	.1	1.7	1.5	1.3	1.4	1.0	.2					68	68		
72/ 71					.1	.2	.8	1.4	1.3	1.0	2.0	.2						65	65		
70/ 69					.3	.4	.8	.9	1.9	1.3	.5	.5						62	62		
68/ 67				.2	.8	.3	.5	1.2	1.0	1.0	.2							48	48		
66/ 65				.2	.5	1.0	1.0	1.0	1.2	.3	.2							50	50	10	
64/ 63				.6	.2	.8	1.5	.9	.4	.3								44	44	49	
62/ 61		.1	.3	.4	.5	1.2	.5	.8		.1								37	37	95	
60/ 59		.1	.3	1.0	1.1	.5	.3											31	31	163	2
58/ 57		.2	.9	.3	.4	.3	.1		.1									22	22	149	10
56/ 55		.8	.4	.2	.3	.4												20	20	131	21
54/ 53		.5	.2	.1														8	8	146	27
52/ 51		.1	.3		.1													5	5	99	54
50/ 49																				53	65
48/ 47																				24	53
46/ 45																				9	93
44/ 43																				2	84
42/ 41																					94
40/ 39																					90
38/ 37																					98
36/ 35																					71
34/ 33																					57
32/ 31																					43

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
3 / 29																					27
30/ 27																					18
26/ 25																					13
24/ 23																					3
22/ 21																					6
2 / 19																					1
TOTAL		1.8	2.5	3.1	4.4	5.3	5.8	8.6	8.9	8.5	9.8	10.5	9.7	9.7	6.7	3.0	2.4	930	930	930	930

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.	1394045	32001	34.4	17.756	930							
Dry Bulb	5218651	69081	74.3	9.692	930			71.3	53.8	30.1	2.4	93
Wet Bulb	2960362	52322	56.3	4.242	930							93
Dew Point	1642518	38470	41.4	7.423	930		11.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
86/ 85														.1				1	1		
84/ 83													.3	.3				6	6		
82/ 81												1.2	1.0	.1	.3			24	24		
80/ 79										.1	.5	1.1	.8	.3				26	26		
78/ 77									.3	.6	1.1	1.6	.1	.1				36	36		
76/ 75								.3	.5	1.8	2.3	1.4	.2					61	61		
74/ 73						.1	.2	.9	.2	1.8	1.9	1.3	.1					61	61		
72/ 71					.1	.3	.3	1.0	2.5	2.5	1.8	1.1						89	89		
70/ 69				.1	.4	.9	1.3	1.5	1.1	2.7	1.2	.2						87	87		
68/ 67				.2	.8	.8	1.4	1.2	1.7	1.5	.4							74	74		
66/ 65				.3	1.4	1.5	1.6	1.9	2.5	1.3	.2							95	95		
64/ 63		.1	.2	1.3	1.3	1.4	1.2	1.4	1.5	.8								82	82	4	
62/ 61			.5	1.1	.3	1.4	2.0	.8	1.0	.2								68	68	25	
60/ 59		.4	.6	.5	1.4	1.6	1.5	.2		.2								61	61	73	2
58/ 57		.1	1.4	.4	.4	.8	.4	.3										36	36	128	11
56/ 55		.6	1.4	1.8	1.1	.9		.2										56	56	143	21
54/ 53		1.1	1.1	.9	.3	.2		.1	.1									35	35	146	35
52/ 51	.1	.6	.9	.3	.6													24	24	172	61
50/ 49		.1	.1	.3	.1													6	6	133	57
48/ 47			.1	.1														2	2	66	59
46/ 45																				33	86
44/ 43																				13	95
42/ 41																				5	86
40/ 39																					72
38/ 37																				1	99
36/ 35																					80
34/ 33																					41
32/ 31																					44
30/ 29																					36
28/ 27																					24
26/ 25																					12
24/ 23																					4
22/ 21																					2
18/ 17																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
88/ 15																					1
TOTAL	.1	3.1	6.3	7.1	8.3	9.2	10.0	9.8	11.4	13.5	9.5	7.8	2.5	1.0	.3			930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2124042	40786	43.9	18.999	930							
Dry Bulb	4163752	61810	66.5	7.744	930			46.5	21.5	3.5		93
Wet Bulb	2651840	49508	53.2	4.190	930							93
Dew Point	1652449	38553	41.5	7.641	930		12.5					93

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

6155

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG MONTH

 | ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 1																	.0	2	2		
../ 09																	.2	14	14		
98/ 97																	.4	27	27		
96/ 95															.0	.1	.5	44	44		
94/ 93														.0	.1	.4	.4	73	73		
92/ 91														.2	.4	.5	.3	101	101		
9 / 89												.0	.2	.3	.7	.7	.1	144	144		
88/ 87											.0	.1	.3	.8	.7	.3	.0	164	164		
86/ 85											.1	.3	.6	1.1	.6	.2		212	212		
84/ 83								.0	.0	.1	.3	.6	.9	.9	.2	.0		223	223		
82/ 81									.1	.4	.7	1.2	1.1	1.1	.2			346	346		
8 / 79							.0	.1	.3	.6	.8	.9	.8	.4	.0			288	288		
78/ 77						.0	.0	.1	.5	.8	1.0	1.2	.4	.1	.0			319	319		
76/ 75							.2	.5	.8	1.1	1.3	.7	.3	.1				368	368		
74/ 73				.0	.0	.1	.2	1.0	.9	1.3	1.0	.4	.1					379	379		
72/ 71				.0	.0	.2	.6	.9	1.4	1.3	.9	.3						421	421		
7 / 69			.0	.0	.3	.5	1.0	1.2	1.5	1.3	.3	.1						470	470	1	
66/ 67			.3	.1	.5	.8	1.0	1.4	1.0	.6	.3							429	429	15	
66/ 65			.0	.4	.9	1.1	1.7	1.5	1.4	.3	.1							559	559	120	1
64/ 63		.0	.2	.9	1.1	1.3	1.4	1.5	.8	.2								537	537	354	2
62/ 61		.1	.6	1.0	.9	1.4	1.3	.8	.3	.1								486	486	595	7
6 / 59		.5	.5	1.0	1.2	1.1	1.0	.3	.1	.0								420	420	849	22
58/ 57	.0	.5	1.0	1.0	1.0	.8	.5	.2	.0									372	372	963	121
56/ 55	.1	.9	1.1	1.2	.9	.7	.2	.0	.0									376	376	998	213
54/ 53	.0	.6	1.1	.8	.6	.2	.1	.1	.0									264	264	1052	309
52/ 51	.1	.6	.9	.6	.5	.0	.1	.0										212	212	931	526
50/ 49	.1	.3	.6	.2	.1	.1												99	100	690	602
48/ 47	.1	.2	.2	.2	.0	.0												53	53	456	587
46/ 45		.1	.1	.1	.0													24	24	245	845
44/ 43		.1	.1	.0														11	11	97	753
42/ 41		.0																1	1	47	751
4 / 39																				19	685
38/ 37																				6	647
36/ 35																					507

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | AUG 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
3-/ 33																					311
32/ 33																					203
3 / 29																					172
28/ 27																					87
26/ 25																					44
24/ 23																					20
22/ 21																					17
2 / 19																					1
18/ 17																					3
16/ 15																					2
TOTAL	.4	3.9	6.5	7.6	8.3	8.3	9.3	9.4	9.2	8.3	6.8	5.7	4.7	4.8	2.9	2.2	1.9	7438	7439	7438	7438

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.	17460136	326126	43.8	20.616	7439							
Dry Bulb	36403580	513660	69.0	11.215	7439			402.5	270.4	147.6	16.0	744
Wet Bulb	22542080	407666	54.8	5.166	7438			1.6				744
Dew Point	14152270	320074	43.0	7.136	7438		54.9					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

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
SEP — MONTH

0000-0200 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69								.1	.3									4	4		
68/ 67							.3	.2	.1									6	6		
66/ 65						.2	.4	.1	.3	.1								11	11		
64/ 63		.1		.1	.9	.6	.6	.4	.1									25	25		
62/ 61	.2			.2	1.2	.7	1.2	.7	.8									45	45	3	3
60/ 59		.3	.1	1.3	1.8	2.1	1.3	1.1	.1									68	63	2	2
58/ 57		.4	1.3	1.8	2.2	2.8	2.4	.6	.2									103	103	3	1
56/ 55		1.2	2.3	1.3	1.8	2.3	1.1	.3										95	95	28	
54/ 53	.3	.9	2.3	2.6	2.9	.8	.2	.1										91	91	66	15
52/ 51	.1	1.9	2.2	3.1	1.1	.4	.9											87	87	85	18
50/ 49	.8	3.2	1.9	1.3	1.8	.8	.6											88	88	119	55
48/ 47	.7	1.3	2.8	2.7	1.6	1.3												93	93	134	90
46/ 45	.1	2.6	2.3	1.7	2.3	.3	.1											85	85	136	76
44/ 43	.3	.9	.6	.9	.6	.3												32	32	96	73
42/ 41	.1	.7	.6	.7	.6	.2												25	25	77	98
/ 39		1.1	.6	.7	.1	.3												24	24	60	79
38/ 37		.4	.4	.1	.3	.1												13	13	40	79
36/ 35		.1		.1														2	2	25	65
34/ 33		.3																3	3	13	58
32/ 31																				6	62
30/ 29																				7	32
28/ 27																					37
26/ 25																					25
24/ 23																					15
22/ 21																					1
/ 19																					6
18/ 17																					3
16/ 15																					4
14/ 13																					2
12/ 11																					1
TOTAL	2.4	15.4	17.6	17.9	19.0	13.0	8.9	3.7	2.0	.1								900	900	900	900

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.	3929956	57208	63.6	18.070	900							
Dry Bulb	2500634	47070	52.3	6.576	900			1.0				90
Wet Bulb	1928948	41366	46.0	5.548	900		1.3					90
Dew Point	1443496	35324	39.2	7.967	900		18.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/_									.1	.1								2	2		
68/ 67							.2	.1										3	3		
66/ 65						.1												1	1		
64/ 63				.2	.3		.2	.1										8	8		
62/ 61			.1	.2	.2	.9	.2		.1									16	16		
/ 59		.3	.1	.7	.9	.7	.3	.2										29	29	1	1
58/ 57		.1	1.1	1.6	1.6	1.2	.8	.2	.1									60	60	5	2
56/ 55	.2	1.0	1.2	1.3	2.1	1.8	1.3	.2										83	83	19	3
54/ 53	.1	2.2	1.9	1.3	3.?	1.2	.3											91	91	35	10
52/ 51		3.6	4.2	2.7	1.9	1.2												122	122	68	22
/ 49	.6	3.6	3.4	1.9	1.1	.2												96	96	105	66
48/ 47	.8	3.2	3.6	2.8	.7	1.0												108	108	117	62
46/ 45	.4	3.8	3.7	2.3	1.3	.1												98	98	150	93
44/ 43	.1	2.2	2.3	1.3	1.1	.1												59	59	115	73
42/ 41	.7	1.7	1.2	1.7														47	47	101	98
/ 39	.1	.9	.8	1.4	.3	.3												35	35	52	90
38/ 37	.1	.4	.9	.2	.1	.2												18	18	43	98
36/ 35	.1	.4	.3	.1														9	9	40	62
34/ 33		.6		.4														9	9	23	50
32/ 31	.1	.4		.1														6	6	11	51
/ 29																				10	30
28/ 27																				5	50
26/ 25																					18
24/ 23																					5
22/ 21																					1
/ 19																					4
18/ 17																					5
16/ 15																					1
14/ 13																					2
12/ 11																					3
TOTAL	3.3	23.7	24.6	20.0	14.6	9.1	3.4	.9	.3	.1								900	900		900
																				900	

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.	4669819	63065	70.1	16.700	900							
Dry Bulb	2244953	44579	49.5	6.433	900		.6	.5				90
Wet Bulb	1825119	40206	44.7	5.679	900		2.6					90
Dew Point	1451735	35487	39.4	7.641	900		17.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-:14 STATION | FAIRCHILD AFB WA STATION NAME | 69-73 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
-/ 71								.1										1	1		
7 / 69								.1										1	1		
68/ 67					.1	.4	.3	.3										11	11		
66/ 65					.2	.3	.1											6	6		
64/ 63		.1		.4	.2	1.1	.6	.4										26	26		
62/ 61		.1	.1	.6	.7	.8	.7	.1										27	27	2	
6 / 59		.3	.1	1.2	1.6	1.6	.9	.3										56	56	4	3
58/ 57		.4	1.6	2.7	1.8	1.8	.1	.2										77	77	12	1
54/ 55	.3	1.3	1.7	2.2	2.1	1.6	.4	.1										87	87	35	8
52/ 53		1.6	3.3	1.9	1.9	.9	.6											90	90	61	14
50/ 51		2.6	3.8	2.7	2.2	.4	.2											107	107	89	37
5 / 49	.3	3.9	3.3	2.3	1.1	.4	.2											105	105	120	50
48/ 47	.3	2.2	3.7	1.4	1.3	.8												92	92	135	103
46/ 45	.3	3.2	2.8	1.2	1.1	.1												79	79	115	105
44/ 43	.6	1.4	1.7	.7	.9													47	47	116	86
42/ 41	.2	.7	1.3	.7	.3	.1	.1											28	28	67	86
4 / 39		1.1	.5	1.3		.2												26	26	45	105
38/ 37	.1	.3	.4	.4		.2												15	15	38	72
36/ 35	.1	.4	.2	.3														10	10	25	64
34/ 33		.3																3	3	16	43
32/ 31		.3																3	3	8	22
3 / 29		.1																1	1	8	30
28/ 27																				2	37
26/ 25																					14
24/ 23																					4
22/ 21																					6
2 / 19																					1
18/ 17																					1
16/ 15																					3
12/ 11																					1
1 / 9																					2
TOTAL	2.9	28.9	23.9	19.8	15.5	11.0	4.2	1.5											898		898
																		898		898	

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.	4529668	62088	69.1	16.251	898							
Dry Bulb	2403891	46061	51.3	6.785	898		.4	1.3				90
Wet Bulb	1939762	41408	46.1	5.823	898		1.5					90
Dew Point	1544750	36625	40.8	7.522	898		12.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83												.1						1	1		
82/ 81											.2							2	2		
80/ 79										.3	.2	.1						6	6		
78/ 77									.2	.2	.2	.2						8	8		
76/ 75							.1	.2	.3	.7	.1	.1						14	14		
74/ 73							.1	.4	.6	.9	.7	.1						25	25		
72/ 71						.1	.9	1.0	1.4	.9	.2	.1						42	42		
70/ 69				.2	.1	.3	1.2	2.6	1.7	.9								63	63		
68/ 67			.1		.2	1.0	2.0	1.8	.9	.6								59	59		
66/ 65			.1		.6	1.3	2.4	1.4	1.6	.2								69	69		
64/ 63				.6	1.3	2.7	2.1	1.3	.4	.2								78	78	5	
62/ 61			.2	1.6	1.3	2.3	2.8	.9	.8	.1								87	87	21	
60/ 59		.2	.4	1.4	2.3	1.9	1.4	1.3	.4									86	86	28	4
58/ 57		.1	.7	1.4	1.6	2.2	1.7	1.4	.2									78	78	68	1
56/ 55		.7	.6	1.0	1.6	1.6	1.1	.9	.1									67	67	118	15
54/ 53		1.1	2.2	1.7	1.4	.3	.8	.4										72	72	122	22
52/ 51		.6	1.4	1.2	1.1	.7	.2	.2										49	49	127	43
50/ 49	.1	.9	.4	.9	.6	.4	.3	.2										35	35	117	68
48/ 47	.2	.8	1.0	.6	.1	.2	.2											28	28	88	93
46/ 45	.6	.2	.2	.4		.1	.2											16	16	87	128
44/ 43	.1		.3		.2		.1											7	7	49	88
42/ 41		.2	.2		.1													5	5	35	79
40/ 39		.1		.1														2	2	15	86
38/ 37		.1																1	1	8	68
36/ 35																				8	53
34/ 33																				4	36
32/ 31																					31
30/ 29																					22
28/ 27																					26
26/ 25																					10
24/ 23																					10
22/ 21																					5
20/ 19																					6
18/ 15																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ 13																					3
TOTAL	1.0	5.0	8.0	11.1	12.6	14.9	17.1	14.2	8.7	5.0	1.7	.8							900		900
																		900		900	

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.	2731615	47001	52.2	17.555	900							
Dry Bulb	3360857	54537	60.6	7.899	900			22.0	5.6	.5		90
Wet Bulb	2340618	45630	50.7	5.498	900							90
Dew Point	1608489	37399	41.6	7.779	900		11.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.R.-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
- / 89														.2				2	2		
88/ 87													.2	.2	.2			6	6		
86/ 85												.1	.3	.1				5	5		
84/ 83											.7	.4	.6	.1				16	16		
82/ 81										.2	.1	.8	.4	1.0				23	23		
8 / 79									.1	.6	1.3	1.1	1.3	.6				45	45		
78/ 77								.2	.6	.4	1.8	1.1	.6	.4				46	46		
76/ 75								.2	.8	2.1	2.1	1.3	.4					63	63		
74/ 73								1.7	2.1	1.4	1.9	.2	.2					68	68		
72/ 71						.2	.4	1.1	1.6	1.8	1.3	.3						61	61		
7 / 69				.2	.1	.1	1.2	1.4	1.7	1.0	.7	.2						60	60		
68/ 67			.1			.8	1.2	2.0	1.0	1.0	.9	.2						65	65		
66/ 65					.1	.9	2.0	1.1	1.4	1.6	.2							66	66		
64/ 63			.1	.3	.2	1.7	1.1	1.0	1.7	2.2	.2							77	77	22	1
62/ 61			.1	.1	.6	.8	1.4	1.3	2.3	1.0								66	66	32	2
6 / 59		.2	.6	.6	.2	.9	.2	1.3	.4									49	49	70	
58/ 57		.4	.4	.4	1.0	1.4	.4	.9	.4									50	50	100	
56/ 55		.6	.4	1.0	.8	.8	.3	.2	.4									41	41	134	9
54/ 53		.4	1.2	.3	.4	.1	.3	.2	.4									32	32	138	23
52/ 51		.3	1.1	.7	.3	.9	.2	.1										33	33	74	37
50/ 49	.2	.8	.1		.3	.1		.3										17	17	117	57
48/ 47		.4			.1		.1											6	6	79	57
46/ 45				.1														1	1	75	104
44/ 43			.2															2	2	23	86
42/ 41																				20	88
4 / 39																				8	67
38/ 37																				5	62
36/ 35																				3	68
34/ 33																					47
32/ 31																					39
30/ 29																					39
28/ 27																					44
26/ 25																					29
24/ 23																					13

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
12/ 2																					10
2 / 19																					16
16/ 18																					7
24/ 13																					1
TOTAL	.2	3.2	4.4	3.8	4.2	8.7	10.1	13.2	14.7	13.3	11.2	5.9	4.1	2.7	.2			900	900	900	900

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.	1736010	36090	40.1	17.923	900							
Dry Bulb	4396884	60172	66.9	9.068	900			46.0	27.4	6.7		90
Wet Bulb	2513540	47306	52.6	5.483	900							90
Dew Point	1473357	35599	39.6	8.520	900		19.2					90

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

23114	FAIRCHILD AFB WA	69-78	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — HOURS (L. S. T.): 1500-1700

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					
≥ / 89															.8	.2			9	9		
88/ 87														.4	.3	.1			8	8		
86/ 85												.2	.2	.1					5	5		
84/ 83											.2	.7	1.1	.2	.1				21	21		
82/ 81										.2	.1	1.7	1.0	1.6	.1				42	42		
8 / 79										.6	1.3	3.8	.3	.9					62	62		
78/ 77										.8	1.3	1.7	1.7	.7					55	55		
76/ 75								.1	.2	.9	1.2	2.3	.8						50	50		
74/ 73							.1	1.3	.9	1.6	1.8	.9	.1						60	60		
72/ 71							.3	.7	1.0	1.6	2.2	.4	.1						57	57		
≥ / 69			.1	.1			.8	1.2	1.3	1.6	1.0	.4							59	59		
68/ 67			.1			.3	.6	1.9	1.2	1.3	1.0								58	58		
66/ 65						.2	1.6	1.4	.9	1.7	1.1								62	62	3	
64/ 63				.4	.1	1.0	1.2	1.6	1.1	3.1	1.0								86	86	12	3
62/ 61		.2	.1	.6	.4	.3	1.3	1.0	2.3	.4									61	61	29	
60/ 59		.1	.6	.2	.6	.8	.9	1.1	.3	.1									42	42	83	
58/ 57		.2	.7	.6	.8	1.1	.1	.3	.4	.2									40	40	92	2
56/ 55		.2	.3	.4	1.1	.6	.8	.2	.6										38	38	97	6
54/ 53		.2	1.4	.4	.3	.6	.1	.1	.4										33	33	163	17
52/ 51		.4	.7	.2	.3	.7	.4	.2											27	27	95	21
5 / 49	.3	.9	.3			.3		.1											18	18	112	46
48/ 47	.1			.1	.1		.2												5	5	81	40
46/ 45				.2															2	2	70	80
44/ 43																					26	79
42/ 41																					19	93
4 / 39																					9	80
38/ 37																					6	68
36/ 35																					3	61
34/ 33																						64
32/ 31																						61
3 / 29																						42
28/ 27																						50
26/ 25																						32
24/ 23																						15

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]14 | FAIRCHILD AFB WA | 69-78 | SEP
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]2/ 21																					20
[illegible] / 19																					8
18/ 17																					5
16/ 15																					4
14/ 13																					2
[illegible] / 9																					1
TOTAL	.4	2.3	4.3	3.3	3.8	5.9	8.4	11.3	10.8	14.0	12.3	12.1	5.3	3.9	1.3	.3		900	900		900

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.	1517165	33191	36.9	18.057	900							
Dry Bulb	4236931	61157	68.0	9.502	900			48.6	31.2	11.5		90
Wet Bulb	2500936	47192	52.4	5.419	900							90
Dew Point	1367489	34227	38.0	8.558	900		24.0					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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- / 89															•1			1	1		
88/ 85													•1	•1	•1			3	3		
84/ 83												•1	•2					3	3		
82/ 81												•4	•1	•1				6	6		
8 / 79										•1	•4	•3		•2				10	10		
78/ 77										•2	•8	•8	•2	•2				20	20		
76/ 75									•4	•3	1•3	•2	•2	•1				24	24		
74/ 73								•3	•6	1•7	1•1	•9	•4					45	45		
72/ 71							•2	•3	1•2	•9	1•8	•2						42	42		
7 / 69							•7	1•4	2•0	1•9	1•0	•1						64	64		
68/ 67			•1			•3	1•1	1•6	1•8	1•2	•7	•1						62	62		
66/ 65		•1			•3	•7	1•0	1•6	1•7	1•2	•3							62	62	1	
64/ 63		•1		•1	•4	1•9	1•4	1•7	1•4	1•3								76	76	2	3
62/ 61			•3	•3	1•2	1•7	1•4	1•3	1•8	•7								79	79	7	
60/ 59		•3	•3	•2	1•1	1•6	1•3	1•8	1•1	•3								73	73	24	
58/ 57		•3	•9	1•0	1•3	•9	1•6	1•4	•7									73	73	59	1
56/ 55		•3	1•2	1•1	1•2	1•0	1•1	1•2	•2									66	66	88	8
54/ 53		•4	•9	•9	1•3	1•0	•7	•6										52	52	121	10
52/ 51		•8	1•1	1•3	•4	•9	•1	•3										45	45	139	21
50/ 49	•3	1•1	•8	•2	•8	•2	•7	•2										39	39	110	38
48/ 47	•6	•8	•1	•7	•4	•1	•3											27	27	108	56
46/ 45	•1	•4		•8	•2		•2											16	16	97	91
44/ 43		•1		•3	•1													5	5	59	88
42/ 41			•3		•2													5	5	41	87
4 / 39			•2															2	2	19	66
38/ 37																				15	62
36/ 35																				7	69
34/ 33																				3	61
32/ 31																					67
3 / 29																					41
28/ 27																					52
26/ 25																					25
24/ 23																					16
22/ 21																					19

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24224	FAIRCHILD AFB WA	69-78	SEP
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 19																					10
8/ 17																					3
16/ 16																					4
5/ 13																					2
TOTAL	1.7	4.9	6.3	6.9	9.2	10.2	11.9	13.8	12.9	9.9	7.4	3.2	1.3	.8	.2			900	900	900	900

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	≤ 72 F	Total
Rel. Hum.	2197476	40770	45.3	19.748	900							
Dry Bulb	3513223	55679	61.9	8.736	900			28.0	11.2	1.9		90
Wet Bulb	2265778	44898	49.9	5.374	900							90
Dew Point	1374381	34347	38.2	8.410	900		23.9					90

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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
78/ 77											.1							1	1		
76/ 75										.1	.1							2	2		
74/ 73										.2	.1							3	3		
72/ 71									.6	.2	.1	.1						9	9		
70/ 69						.1	.1	.4	.6	.3	.1	.1						16	16		
68/ 67							.2	.9	.7	.4	.3							28	28		
66/ 65		.1			.2	1.0	1.9	1.1	2.0	.3	.1							58	58		
64/ 63	.2	.1	.1	.1	1.0	1.1	1.6	2.0	1.2	.6								72	72	3	3
62/ 61		.1		.6	.3	2.6	2.1	1.4	.8	.1								72	72	1	
60/ 59				.8	1.3	1.4	2.8	.9	.7									71	71	3	2
58/ 57	.1	1.1	1.1	2.1	1.7	2.4	2.1	.8	.2									102	102	12	2
56/ 55	.3	.7	.8	1.2	1.2	1.7	1.2	1.1	.1									74	74	59	8
54/ 53	.1	1.0	1.9	2.0	1.4	1.8	1.1	.6										88	88	74	8
52/ 51	.1	1.3	1.7	1.9	1.7	1.1	1.1	.2										82	82	120	23
50/ 49	.3	1.6	1.9	1.2	1.4	.9	.4											70	70	126	40
48/ 47	.7	.8	1.2	1.6	.9	1.6	.4											64	64	132	76
46/ 45	.2	1.0	.8	.6	.9	.8												38	38	120	69
44/ 43		.7	.8	.6	.2	.3	.1											24	24	78	80
42/ 41		.6	.4	.1	.3	.3												16	16	66	90
40/ 39		.1	.3	.1	.1													6	6	48	65
38/ 37		.2		.1														3	3	31	78
36/ 35		.1																1	1	16	76
34/ 33																				6	64
32/ 31																				5	62
30/ 29																					34
28/ 27																					34
26/ 25																					40
24/ 23																					18
22/ 21																					11
20/ 19																					6
18/ 17																					5
16/ 15																					3
14/ 13																					3

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24-14 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	.1	9.3	11.3	12.8	12.8	17.1	15.2	9.3	6.8	2.3	1.0	.2						900	900	900	900

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.	3081421	49657	55.2	19.494	900							
Dry Bulb	2863719	50323	55.9	7.226	900			5.9	.6			90
Wet Bulb	2044551	42621	47.4	5.395	900		.5					90
Dew Point	1393611	34617	38.5	8.313	900		21.6					90

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

24114 FAIRCHILD AFB WA 69-78 SEP
STATION STATION NAME YEARS MONTH

 ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
9 / 89														.7	.1	.0		12	12			
88/ 87													.0	.1	.1	.0		14	14			
86/ 85												.7	.1	.0	.0			13	13			
84/ 83											.1	.2	.2	.0	.0			41	41			
82/ 81										.1	.1	.4	.2	.3	.0			73	73			
8 / 79									.0	.2	.4	.7	.2	.2				123	123			
78/ 77								.1	.1	.2	.5	.5	.3	.0				130	130			
76/ 75							.1	.1	.2	.5	.6	.5	.2	.0				153	153			
74/ 73							.0	.5	.5	.7	.7	.3	.1					201	201			
72/ 71						.0	.2	.4	.7	.7	.7	.2	.0					214	214			
7 / 69			.0	.1	.0	.1	.5	.9	.9	.7	.3	.1						267	267			
68/ 67			.1		.0	.4	.8	1.1	.7	.6	.4	.0						292	292			
66/ 65		.0	.0		.2	.6	1.1	.8	1.0	.6	.2							335	335	4		
64/ 63	.1	.1	.0	.3	.5	1.3	1.1	1.1	.8	.9	.2							448	448	44	10	
62/ 61	.1	.1	.1	.5	.8	1.2	1.4	.8	1.1	.3								453	453	95	5	
60/ 59		.2	.3	.8	1.2	1.4	1.2	1.0	.4	.1								474	474	215	12	
58/ 57	.1	.4	.9	1.4	1.5	1.7	1.1	.7	.3	.0								583	583	351	10	
56/ 55	.1	.8	1.1	1.2	1.5	1.4	.2	.5	.2									551	551	578	57	
54/ 53	.1	1.0	1.9	1.4	1.6	.8	.5	.3	.1									549	549	790	119	
52/ 51	.1	1.4	2.1	1.7	1.1	.5	.4	.1										552	552	797	222	
50/ 49	.3	2.0	1.5	.9	.9	.4	.3	.1										468	468	926	420	
48/ 47	.5	1.2	1.5	1.2	.7	.6	.2											423	423	874	577	
46/ 45	.2	1.3	1.2	.9	.7	.2	.1											335	335	850	746	
44/ 43	.1	.7	.7	.4	.4	.1	.1											176	176	562	653	
42/ 41	.1	.5	.5	.4	.2	.1	.0											126	126	426	719	
4 / 39	.1	.4	.3	.4	.1	.1												95	95	256	638	
38/ 37	.0	.2	.2	.1	.1	.1												50	50	186	587	
36/ 35	.0	.1	.1	.1														22	22	127	518	
34/ 33		.2		.1														15	15	65	423	
32/ 31	.1	.1		.0														9	9	30	395	
3 / 29		.0																1	1	25	270	
28/ 27																				7	330	
26/ 25																					193	
24/ 23																					96	

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

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

6163

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	69-78	SEP
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 2																					73
/ 19																					51
10/ 17																					22
16/ 15																					26
14/ 13																					18
12/ 11																					5
/ 9																					3
TOTAL	1.7	1°.6	12.5	11.9	11.4	11.2	9.9	8.5	7.0	5.6	4.2	2.8	1.3	.9	.2	.0			7198		7198
																		7198		7198	

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.	24393130	389070	54.1	21.616	7198							
Dry Bulb	25218792	419578	58.3	10.280	7193		1.0	153.3	76.0	20.6		720
Wet Bulb	17359249	350627	48.7	6.233	7198		6.2					720
Dew Point	11657308	283628	39.4	8.178	7198		148.2					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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
86/ 66							.1	.1										2	2		
84/ 63						.2												2	2		
82/ 61					.1	.2												3	3		
8 / 59				.1	.1	.1	.1											4	4		
80/ 57					.1	.1	.1											3	3		
78/ 55			.1	.2	.6	.5	.2	.3										19	19	1	
76/ 53		.1	.2	1.1	.3	.2	.2											24	24	4	
74/ 51	.2	.5	.8	.6	.2	.2												24	24	9	5
72/ 49	.1	.5	2.4	1.4	1.1	.1												52	52	18	2
70/ 47	.4	1.5	4.4	2.2	.3													52	82	41	14
68/ 45	.6	3.3	3.2	2.2	1.1	.3	.1											98	98	63	33
66/ 43	.5	4.1	3.8	3.3	.6	.4	.1											120	120	113	54
64/ 41	1.7	4.6	4.1	3.2	.8	.4												131	131	102	67
62/ 39	.6	4.5	3.4	2.3	.9	.3												112	112	111	88
60/ 37	.5	2.5	3.7	.6	1.1	.2												79	79	119	97
58/ 35	.3	2.7	2.5	1.2	.5													67	67	97	87
56/ 33	.6	2.3	1.3	.4	.8													50	50	96	75
54/ 31	.4	1.1	1.0	.1														23	23	65	86
52/ 29	.5	.5	.5	.2														17	17	44	95
50/ 27	.2	.8	.2	.1														12	12	24	76
48/ 25		.1		.1														2	2	13	36
46/ 23				.1														1	1	4	26
44/ 21			.2															2	2	1	24
42/ 19																				2	22
40/ 17			.1															1	1	2	9
38/ 15																				1	11
36/ 13																					7
34/ 11																					7
32/ 9																					4
30/ 7																					1
28/ 5																					1
26/ 3																					2
24/ 1																					1

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94214 FAIRCHILD AFB WA 69-78 OCT

STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	5.	228.	731.	819.	4	8.5	3.4	1.5	.4									930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5139999	67551	72.6	15.949	930							
Dry Bulb	1688516	39160	42.1	6.528	930		5.8					93
Wet Bulb	1399489	35543	38.3	6.080	930		15.6					93
Dew Point	1092288	30986	33.3	8.029	930		40.8					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

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59					.2													2	2		
58/ 57			.1		.1	.1												3	3		
56/ 55		.2		.3	.2		.1											8	8		
54/ 53			.1	.2	.3	.1	.3											10	10	4	
52/ 51		.3	1.3	.5	.4		.1											25	25	1	2
50/ 49	.2	.4	1.3	.6	.5	.4												33	33	12	5
48/ 47	.2	1.8	3.3	.6	.3	.4												60	60	33	7
46/ 45	1.	3.2	3.4	1.1	.2													83	83	51	37
44/ 43	.3	4.5	2.6	1.7	.4													89	89	79	46
42/ 41	.6	5.7	4.1	1.5	.9													119	119	107	56
40/ 39	1.4	7.7	3.1	1.5	.6													134	134	113	81
38/ 37	1.5	3.3	4.3	.5	.1													88	88	127	106
36/ 35	.8	5.3	3.7	.5	.9													97	97	84	111
34/ 33	.9	3.4	2.4	1.1	.3													75	75	114	70
32/ 31	1.1	2.4	1.5	.3														49	49	72	94
30/ 29	.9	.8	.3	.3														21	21	58	79
28/ 27	.4	.6	.6	.1														17	1	39	80
26/ 25	.2	.5	.1	.1														9	1	17	43
24/ 23	.2																	2	2	12	26
22/ 21			.3															3	3		31
20/ 19		.1	.2															3	3	1	16
18/ 17																				4	10
16/ 15																				2	11
14/ 13																					5
12/ 11																					5
10/ 9																					3
8/ 7																					3
6/ 5																					3
4/ 3																					3
TOTAL	9.7	40.1	31.8	11.2	5.6	1.1	.5											930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5825092	72344	77.8	14.581	930							
Dry Bulb	1526110	37198	40.0	6.418	930		10.4					93
Wet Bulb	1315834	34526	37.1	6.055	930		20.5					93
Dew Point	1079144	30854	33.2	7.731	930		40.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bu'b	Dew Point
62/ 61								.1										1	1		
60/ 59					.1													1	1		
58/ 57					.2	.2												4	4		
56/ 55		.2	.2	.5	.3	.1												13	13		
54/ 53			.1	.3	.6	.1												11	11	2	
52/ 51		.4	1.1	.5	.8	.1												27	27	5	2
50/ 49	.1	.5	2.3	.8														32	32	15	4
48/ 47	.1	1.7	1.9	1.5	.6	.2	.1											58	58	33	11
46/ 45	.8	4.9	3.8	1.3	.9	.2	.1											111	111	64	33
44/ 43	.3	4.1	2.7	1.3	.2	.2												82	82	81	50
42/ 41	.2	6.6	3.0	1.2	.8													109	109	110	61
40/ 39	1.5	7.5	3.1	1.2	.8													131	131	115	102
38/ 37	1.2	3.9	2.9	1.3	.4													87	87	116	118
36/ 35	1.1	5.1	1.5	.9	.4													83	83	99	86
34/ 33	.8	4.7	1.5	.5	.1													71	71	97	91
32/ 31	1.2	2.7	1.3	.6														51	51	72	91
30/ 29	.9	1.3	.3	.4														24	24	51	82
28/ 27	.3	1.1	.3															16	16	34	47
26/ 25	.3	.2		.3														8	8	18	50
24/ 23	.2	.1																3	3	8	27
22/ 21		.2	.1															3	3	1	24
20/ 19	.1	.3																4	4	5	11
18/ 17																				4	14
16/ 15																					6
14/ 13																					2
12/ 11																					10
10/ 9																					5
8/ 7																					1
6/ 5																					2
TOTAL	9.0	45.3	25.6	12.4	6.2	1.2	.2	.1											930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5923222	72946	78.4	14.731	930							
Dry Bulb	1552099	37491	40.3	6.621	930		10.9					93
Wet Bulb	1340813	34851	37.5	6.120	930		19.3					93
Dew Point	1109323	31321	33.7	7.658	930		37.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
74/ 73											.1							1	1		
72/ 71								.1		.1								2	2		
70/ 69							.1	.2		.1	.1							5	5		
68/ 67						.1	.2	.1	.2									6	6		
66/ 65						.1	.4			.1								6	6		
64/ 63			.1		.1	.8	1.0	.1	.1									20	20		
62/ 61					.5	.6	.4											15	15		
60/ 59			.1		1.5	1.4	.6	.4										38	38	1	
58/ 57				.3	1.4	.3	.4	.1	.2									26	26	3	1
56/ 55		.1	.6	1.3	2.4	1.2	.4	.3										59	59	7	
54/ 53		.3	.6	2.3	2.4	1.9	.6	.4										80	80	29	1
52/ 51		.6	1.1	2.8	2.3	.9	.9	.3										82	82	46	6
50/ 49		.8	3.4	2.7	2.3	1.6	.4											104	104	59	9
48/ 47	.1	1.8	4.1	3.3	1.2	1.3	.1											109	109	82	23
46/ 45		2.7	2.3	3.1	1.8	.5	.5											102	102	124	59
44/ 43	.3	1.6	1.5	2.3	.4	.9	.3											68	68	128	89
42/ 41	.2	2.3	2.2	1.6	.3	.3	.2											64	64	108	86
40/ 39	.4	2.3	2.0	.8	.5	.3												59	59	104	108
38/ 37	.5	1.5	.9	.4														31	31	94	94
36/ 35	.3	1.1	.4		.1													18	18	53	90
34/ 33	.6	.3	.2	.2														13	13	44	77
32/ 31	.6				.1													7	7	24	84
30/ 29	.3		.2	.2	.1													8	8	9	59
28/ 27		.1		.2	.1													4	4	3	41
26/ 25	.1	.2																3	3	6	30
24/ 23																				3	15
22/ 21																				4	16
20/ 19																					8
18/ 17																					11
16/ 15																					4
14/ 13																					5
12/ 11																					7
10/ 9																					4
8/ 5																					1

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
*/ 3																					1
*/ 1																					1
TOTAL	3.7	15.3	19.8	21.5	17.5	12.3	6.8	2.2	.5	.3	.2							930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4142637	59862	64.4	17.651	930							
Dry Bulb	2219159	44857	48.2	7.733	930		2.2	1.4	.1			93
Wet Bulb	1708165	39453	42.4	6.091	930		4.8					93
Dew Point	1244598	33218	35.7	7.909	930		28.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
OCT — MONTH

PAGE 1
1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 79										.1		.3						4	4		
79/ 77										.2	.2		.2					6	6		
76/ 75									.2	.4	.1	.3						10	10		
74/ 73								.1	.5	.1		.1						8	8		
72/ 71								.2	.5	.1	.9							16	16		
/ 69					.1		.2	.6	.6		.2	.1						18	18		
68/ 67							.6	1.5	.5		.1							26	26		
66/ 65							1.7	.8	.5	.2	.1							31	31		
64/ 63					.3	1.3	.9	1.4	.9									44	44	1	
62/ 61				.1		1.9	1.5	1.3	1.1	.5								60	60	1	
/ 59			.1	.1	.9	1.5	2.5	1.0	.5	.1								62	62	7	
58/ 57			.2	.2	1.4	2.0	.6	1.3	.4									58	58	17	1
56/ 55		.3	.6	1.1	1.8	3.0	2.4	1.4	.4									103	103	35	
54/ 53		.2	.5	1.8	2.4	2.2	2.4	1.2	.2									101	101	62	1
52/ 51		.2	.9	2.0	1.7	1.9	1.8	.8										87	87	69	5
50/ 49		.8	.6	1.4	2.8	1.5	1.2	.6										83	83	76	10
48/ 47		1.7	1.5	1.1	1.8	.3	.2	.1										63	63	126	30
46/ 45		.5	1.3	1.1	1.3	.2	.6	.1										48	48	122	66
44/ 43		.5	1.0	.9	.4	.3	.3											32	32	108	84
42/ 41		1.4	.4	.1	.1	.1												20	20	108	94
4 / 39	.3	.6	.3	.1	.1													14	14	93	68
38/ 37		.4	.2			.2												8	8	39	83
36/ 35		1.1				.1												11	11	23	97
34/ 33		.4		.2	.3	.2												11	11	23	85
32/ 31	.1		.1			.1												3	3	5	69
3 / 29																					58
28/ 27		.3																3	3	6	45
26/ 25																				8	36
24/ 23																				1	21
22/ 21																					26
2 / 19																					13
18/ 17																					6
16/ 15																					9
14/ 13																					7

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24214	FAIRCHILD AFB WA	69-78	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
1 / 11																					5
/ 9																					6
3/ 7																					2
2/																					3
TOTAL	.4	8.6	7.8	10.2	15.5	17.0	17.0	12.4	6.6	1.8	1.6	.9	.2					930	930	930	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2738794	47534	51.1	18.245	930							
Dry Bulb	2839933	50727	54.5	8.866	930		.6	8.8	2.8	.2		93
Wet Bulb	1942517	42107	45.3	6.231	930		2.0					93
Dew Point	1218534	32722	35.2	8.506	930		30.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
85/ 81											.2	.2						4	4		
83/ 79										.1	.1	.1	.2					5	5		
79/ 77									.2		.2	.2						6	6		
79/ 75											.4	.3	.1					8	8		
74/ 73									.5	.2	.1	.1						9	9		
72/ 71									.5	.4	.8	.1						18	18		
71/ 69							.1	.8	.4	.1	.2	.1						16	16		
68/ 67							.3	1.3	1.4	.4	.3							35	35		
66/ 65						.1	1.1	.9	.5	.2								26	26		
64/ 63						.4	.8	1.4	1.1	.3	.3							40	40		
62/ 61				.1	.3	2.4	1.7	1.4	1.0	.2	.1							67	67	5	
61/ 59				.2	.6	1.4	1.7	1.8	.4	.2								60	60	3	
58/ 57		.1	.3	.2	1.1	1.6	1.6	1.0	.9	.3								65	65	15	
56/ 55		.2	.1	1.1	1.8	3.1	1.2	2.2	1.0									99	99	26	
54/ 53		.5	.2	1.3	2.4	1.8	2.4	1.7	.2									98	98	55	3
52/ 51		.5	.8	1.6	1.5	1.7	1.4	1.1										79	79	81	6
50/ 49		.8	1.3	.6	1.8	1.4	1.1	.6	.2									70	70	90	12
48/ 47		.8	1.8	1.0	2.3	.9	.2											62	62	104	15
46/ 45		.9	1.4	1.4	1.2	.6	.4											55	55	122	44
44/ 43	.2	.9	.3	.8	.4	.1	.2											25	25	96	72
42/ 41	.1	1.4	.1	.8		.2												24	24	124	68
40/ 39		1.2	.9	.1	.2													22	22	91	79
38/ 37		1.1	.1	.2	.1	.2												16	16	45	87
36/ 35		.6				.2												8	8	34	107
34/ 33	.1	.1			.2	.3												7	7	18	62
32/ 31			.1															1	1	6	80
30/ 29		.1	.4															5	5		64
28/ 27																				9	45
26/ 25																				6	39
24/ 23																					36
22/ 21																					28
20/ 19																					19
18/ 17																					5
16/ 15																					14

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

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
OCT — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
≥ 13																					12
12/ 11																					2
10/ 9																					3
8/ 7																					2
6/ 5																					3
4/ 3																					3
TOTAL	.3	9.1	7.5	9.2	13.7	16.6	14.2	14.0	8.5	2.6	2.8	1.2	.3					930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 77 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2606370	45926	49.4	19.086	930							
Dry Bulb	2864077	50899	54.7	9.185	930		.6	10.1	3.2	.6		93
Wet Bulb	1920185	41863	45.0	6.205	930		2.1					93
Dew Point	1158014	31820	34.2	8.636	930		35.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] FAIRCHILD AFB WA — 69-78 — OCT

STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
[illegible] 75										.1									1	1		
[illegible] 73								.1		.2									3	3		
[illegible] 71									.1	.1	.1								3	3		
[illegible] 69							.1	.1	.3										5	5		
[illegible] 67								.1	.1	.2									4	4		
[illegible] 65						.1	.2	.4	.2										9	9		
[illegible] 63					.1	.9	.6	.2											17	17		
62/ 61					.1	.5	.9	.4	.3										21	21		
[illegible] 59					.5	.8	1.1	.4	.1										26	26	1	
[illegible] 57			.2	.3	.9	1.2	1.1	.4	.1	.1									39	39	4	
56/ 55		.1	.2	.4	1.5	2.1	.9	.3	.1										52	52	4	
[illegible] 53	.1	.3	.4	1.4	3.1	1.7	1.1	.5	.3										83	83	22	1
52/ 51		1.3	1.0	2.2	2.7	1.3	.8	.5											90	90	40	7
50/ 49		.6	2.8	1.6	2.5	1.7	.9	.3											97	97	48	15
[illegible] 47	.2	1.1	3.9	2.5	2.4	2.2	.5	.3											121	121	86	15
46/ 45	.1	2.1	1.8	1.8	2.3	.9	.8	.1											91	91	116	29
[illegible] 43		1.8	1.3	2.6	.9	1.3	.2												75	75	126	63
42/ 41	.3	1.4	1.3	1.4	.8	.4	.1												53	53	113	81
[illegible] 39	.3	2.2	2.0	.8	.4	.2													55	55	100	96
38/ 37		1.4	1.3	.4	.1														30	30	94	78
[illegible] 35		1.3	.3	.4	.3														22	22	76	102
34/ 33	.1	.5	.3	.1	.2	.2													14	14	47	74
32/ 31	.1	.6	.1	.3															11	11	21	69
3 / 29		.1	.3		.2														6	6	14	80
28/ 27				.1															1	1	9	58
26/ 25				.1															1	1	5	42
24/ 23																					1	30
22/ 21																					2	21
[illegible] 19																					1	18
16/ 17																						12
16/ 15																						11
14/ 13																						8
12/ 11																						9
[illegible] 9																						3

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

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

C 6169

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114	FAIRCHILD AFB WA	69-79	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31		Dry Bulb	Wet Bulb	Dew Point
-/ 7																					2
-/ 5																					4
-/ 3																					2
TOTAL	1.3	14.9	17.3	16.5	18.8	15.4	8.9	4.4	1.7	.8	.1								930		930
																		930		930	

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.	3046348	55580	59.8	18.695	930							
Dry Bulb	2245108	45124	48.5	7.741	930		1.9	1.6	.4			93
Wet Bulb	1663680	38930	41.9	6.055	930		5.3					93
Dew Point	1132949	31479	33.8	8.520	930		36.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

0214	FAIRCHILD AFB WA	69-78	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75										.1								1	1		
68/ 67							.1											1	1		
66/ 65							.1											1	1		
64/ 63					.2		.3	.1										6	6		
62/ 61						.3	.2	.1										6	6		
60/ 59				.1	.2	.5	.1											9	9		
58/ 57				.2	.6	.8	.2	.2	.1									18	18	1	
56/ 55				.6	.8	.9	.3	.3										27	27	3	
54/ 53		.2	.6	.6	1.1	.8	.3	.1										35	35	2	
52/ 51	.5	.8	.8	1.4	1.3	1.1												53	53	24	7
50/ 49	.1	1.2	2.6	2.6	1.4	.8	.1	.1										82	82	33	7
48/ 47	.2	1.4	3.8	3.1	2.2	.9	.4	.1										111	111	44	14
46/ 45	.6	2.4	3.4	3.7	2.5	.2	.2											121	121	96	32
44/ 43	.2	3.1	2.2	2.9	.8	.4	.3											91	91	107	47
42/ 41	.3	2.8	2.7	2.8	2.0	.8												106	106	129	77
40/ 39	.6	2.1	2.6	2.2	2.1	.2	.1											92	92	104	104
38/ 37	.4	1.3	2.7	.6	1.1													56	56	108	63
36/ 35	.1	3.1	1.2	.2	.4													47	47	86	96
34/ 33	.1	1.4	.9	.4	.4													30	30	94	65
32/ 31	.5	.5	.2															12	12	50	115
30/ 29	.1	.5	.8	.4	.2													19	19	24	71
28/ 27	.1	.1			.1													3	3	18	66
26/ 25																				7	47
24/ 23			.1															1	1	4	28
22/ 21			.1															1	1	2	16
20/ 19			.1															1	1	1	21
18/ 17																				1	11
16/ 15																				1	19
14/ 13																					8
12/ 11																					7
10/ 9																					2
8/ 7																					3
6/ 5																					1
4/ 3																					3

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

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

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PSYCHROMETRIC SUMMARY

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
USAF WEATHER SERVICE/MAC

69-78 YEARS

PAGE 7

OCT MONTH

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

14 STATION

FAIRCHILD AFB #6 STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	9	128	324	521	817	5	7	1	2	9	1	1						930	933	931	930

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.
Rel. Hum.	447893	62463	67.2	17.358	930
Dry Bulb	187633	41296	44.4	6.933	930
Wet Bulb	148849	36778	39.5	6.155	930
Dew Point	109670	30991	33.3	8.299	930

Mean No. of Hours with Temperature	≤0 F	≤32 F	≤67 F	≤73 F	≥80 F	≥93 F	Total
		3.7	.2	.1			93
		10.8					93
		41.8					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

14 | FAIRCHILD AFB WA | 69-78 | OCT

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
[illegible] / 81											.0	.1						4	4		
[illegible] / 79										.0	.0	.1	.0					9	9		
78 / 77									.1	.0	.1	.0	.0					12	12		
[illegible] / 75									.1	.1	.1	.1	.0					23	23		
[illegible] / 73								.0	.1	.1	.1	.0						21	21		
[illegible] / 71								.0	.2	.1	.2	.0						39	39		
[illegible] / 69					.1		.1	.2	.2	.1	.1	.0						44	44		
[illegible] / 67						.1	.2	.4	.3	.1	.1							72	72		
[illegible] / 65						.0	.5	.3	.2	.1	.1							75	75		
[illegible] / 63			.0		.1	.4	.4	.4	.3	.0	.0							129	129	1	
[illegible] / 61				.0	.1	.8	.6	.4	.3	.1	.0							173	173	6	
[illegible] / 59			.0	.1	.5	.7	.8	.5	.1	.0								282	282	12	
[illegible] / 57		.1	.1	.2	.7	.8	.5	.4	.2	.1								216	216	44	2
56 / 55		.1	.2	.7	1.2	1.4	.7	.6	.2									380	380	76	
[illegible] / 53	.1	.2	.4	1.1	1.5	1.1	1.1	.5	.1									442	442	180	6
[illegible] / 51	.1	.6	.9	1.5	1.4	.9	.6	.3										467	467	275	40
50 / 49	.1	.7	2.7	1.5	1.5	.9	.5	.2	.1									553	553	351	64
48 / 47	.2	1.5	3.1	1.9	1.4	.8	.2	.1										666	666	549	129
[illegible] / 45	.4	2.5	2.6	1.9	1.4	.4	.3	.1										709	709	758	333
[illegible] / 43	.2	2.6	1.9	1.9	.5	.5	.2											582	582	838	505
42 / 41	.3	3.2	2.2	1.6	.7	.3	.1											626	626	892	610
[illegible] / 39	.7	3.5	2.2	1.1	.7	.1	.0											619	619	831	726
38 / 37	.5	1.9	2.1	.5	.3	.1												395	395	742	726
36 / 35	.3	2.5	1.1	.4	.3	.0												353	353	552	776
34 / 33	.4	1.7	.8	.4	.3	.1												271	271	533	599
32 / 31	.5	.9	.5	.2	.1	.0												157	157	315	688
30 / 29	.3	.4	.4	.2	.1													100	100	199	588
28 / 27	.1	.4	.1	.1	.1													56	56	142	458
26 / 25	.1	.1	.0	.1														23	23	80	323
24 / 23	.1	.0	.0	.0														7	7	33	209
22 / 21		.1	.1															9	9	10	186
20 / 19	.1	.1	.1															8	8	10	128
18 / 17			.1															1	1	11	78
16 / 15																				4	85

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

..114 | FAIRCHILD AFB WA | 69-78 | OCT
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
-/ 13																					54
1 / 11																					52
/																					30
8/																					13
8/ 5																					10
4/ 3																					12
/																					10
TOTAL	5.4	22.8	27.8	15.3	12.9	9.2	6.5	4.3	2.2	.7	.6	.3	.1					7440	7440	7440	7440
																		7440		7440	

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.	34500348	434206	65.1	20.340	7440							
Dry Bulb	16813336	346752	45.6	9.365	7440		36.1	22.1	6.6	.8		744
Wet Bulb	12779173	334151	40.9	6.813	7440		80.4					744
Dew Point	9131559	253391	34.1	8.211	7440		292.4					744

USAFETAC FORM 0-26-3 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

20114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51		.2	.2	.1	.1													6	6		
5 / 49	.1	.2	.4	.4	.1													12	12	4	4
48/ 47		.1	.7	.7	.2													15	15	5	
46/ 45	.4	.9	.7	.1	.3	.1												23	23	13	7
44/ 43		.2	.7	.4		.2												32	32	19	10
42/ 41	.3	4.6	.7	.3	.1													54	54	43	21
4 / 39	.9	5.3	1.7	.6														76	76	6.	48
38/ 37	1.6	5.3	1.6	.2	.2													80	80	7.	54
36/ 35	3.1	4.9	1.6	.4														89	89	91	83
34/ 33	2.2	7.8	1.7	.4														109	109	84	64
32/ 31	1.7	7.6	2.7	.3														110	110	111	91
3 / 29	2.6	8.7	1.4	.4														118	118	129	87
28/ 27	1.2	4.2	1.1	.4														61	61	96	120
26/ 25	.3	2.3	.3															27	27	42	69
24/ 23	.3	1.1	.4	.3														20	20	36	49
22/ 21	.6	.9	.4	.2														19	19	24	51
2 / 19	.9	1.2	.9															25	25	21	38
18/ 17		1.2																9	9	15	24
16/ 15		.6	.1															6	6	12	10
14/ 13		.3																3	3	5	14
12/ 11		.4																4	4	4	17
1 / 9		.2																2	2	4	9
8/ 7																				2	12
6/ 5																					4
4/ 3																					2
2/ 1																					8
/ -1																					4
TOTAL	16.1	59.7	17.2	5.6	1.1	.3													900		900
																		900		900	

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.	6224486	73966	82.3	12.728	900							
Dry Bulb	1053766	30106	33.5	7.206	900		40.4					90
Wet Bulb	944979	28475	31.6	7.001	900		50.1					90
Dew Point	789113	25491	28.3	8.641	900	.4	60.9					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION

FAIRCHILD AFB WA — STATION NAME

69-78 — YEARS

NOV — MONTH

PAGE 1

0300-0500 — 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] / 53			.2																2	2		
[illegible] / 51		.3	.1																4	4		
5 / 49			.7																6	6	5	3
[illegible] / 47			.6		.1														6	6	1	
[illegible] / 45	.4	.7	1.1	.2	.6														27	27	12	8
44 / 43	.1	1.9	.8	.2															27	27	17	3
[illegible] / 41	.1	3.1	.7	.1															36	36	31	24
4 / 39	1.	5.6	1.4	.4	.3														79	79	61	36
38 / 37	2.1	5.4	1.[illegible]	.3															80	80	79	65
[illegible] / 35	2.6	5.[illegible]	1.3																80	80	88	76
34 / 33	3.4	7.9	1.7	.2															119	119	93	67
[illegible] / 31	2.	7.8	1.6	.3															105	105	100	107
[illegible] / 29	2.6	6.9	2.3	.3															106	106	115	82
26 / 27	2.2	5.4	1.[illegible]	.7															84	84	101	99
[illegible] / 25	.4	3.2	.3																36	36	53	75
24 / 23	.8	1.3	.1																20	20	48	56
[illegible] / 21	.6	1.8	.6	.7															32	32	26	53
[illegible] / 19	.8	1.3	.9																27	27	21	33
[illegible] / 17		1.1																	10	10	24	23
[illegible] / 15		.1																	1	1	11	13
[illegible] / 13		.6																	5	5	1	20
[illegible] / 11		.2																	2	2	5	15
[illegible] / 9		.4																	4	4	2	9
[illegible] / 7		.2																	2	2	6	13
[illegible] / 5																						2
[illegible] / 3																						3
[illegible] / 1																						7
[illegible] / -1																						8
TOTAL	19.1	61.3	16.3	3.6	1.0														900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6404906	75116	83.5	12.280	900							
Dry Bulb	1[illegible]08916	29434	32.7	7.168	900		43.4					90
Wet Bulb	915491	27991	31.1	7.070	900		51.3					90
Dew Point	775590	25214	28.0	8.774	900	.8	61.8					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-4/ 53			.2															2	2		
52/ 51	.2	.1	.1															4	4	3	2
5 / 49			.2															1	1	3	1
48/ 47	.1	.1	1.0	.1														12	12	2	4
46/ 45	.1	1.3	.9	.1	.1													23	23	11	7
44/ 43		1.2	.6	.3	.3	.1												23	23	14	
42/ 41	.7	3.3	1.0	.2														44	44	31	21
0 / 39	1.	5.1	.9	.3	.1													67	67	57	50
36/ 37	2.3	5.4	.9	.3														81	81	79	68
7 / 35	2.1	6.7	1.7	.1														95	95	76	76
34/ 33	3.9	7.7	1.3	.2														118	118	114	77
32/ 31	1.9	7.4	1.3	.1														97	97	112	96
3 / 29	2.8	7.3	1.1	.2														103	103	105	91
26/ 27	1.8	4.8	1.2	.6														75	75	88	105
24/ 25	.9	3.4	.3	.1														43	43	52	68
22/ 23	.6	1.0	.7	.1														21	21	43	57
20/ 21	1.2	1.6	.6	.3														33	33	33	49
8 / 19	1.	1.4	.7	.1														29	29	27	38
18/ 17	.1	1.3																13	13	20	19
16/ 15	.1	.3																4	4	16	19
14/ 13																				2	13
12/ 11		.8																7	7		18
1 / 9		.2																2	2	7	7
8/ 7		.3																3	3	5	11
6/ 5																					5
4/ 3																					4
2/ 1																					7
/ -1																					7
TOTAL	20.8	60.7	14.6	3.3	.6	.1												900	900	900	900

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.	6500937	75711	84.1	12.112	900							
Dry Bulb	997805	29249	32.5	7.249	900		43.0					90
Wet Bulb	909745	27881	31.0	7.155	900		51.0					90
Dew Point	775750	25220	28.0	8.763	900	.7	61.4					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 65						.1												1	1		
67 / 63				.3														1	1		
[illegible] / 59						.1												1	1		
[illegible] / 57			.1	.1	.1													3	3		
59 / 55		.1	.1	.1	.1													4	4	1	
[illegible] / 53		.2	.2	.1				.1										6	6	3	
[illegible] / 51		.1	.3		.1	.1	.1											7	7	6	2
5 / 49		.4	.3	.3	.4	.2	.1											17	17	6	6
49 / 47		.6	.8	.7	.3	.2												23	23	9	4
[illegible] / 45		1.6	1.1	1.1	.8	.1												42	42	10	8
44 / 43	.1	2.3	2.3	.3	.2													45	45	34	12
42 / 41	.3	4.7	2.3	.4	.2	.1												73	73	62	30
41 / 39	1.1	5.7	2.6	.9														92	92	91	50
38 / 37	2.6	4.4	2.8	.3														91	91	93	74
36 / 35	1.6	5.9	1.7	.3		.1												86	86	98	92
34 / 33	2.1	5.9	1.6	.1	.2													89	89	91	91
32 / 31	1.1	6.7	1.6	1.3														93	93	90	69
31 / 29	1.9	5.9	1.2	.6	.2													88	88	102	97
28 / 27	.8	3.4	1.3	.1														51	51	69	100
26 / 25	.7	1.2	.9	.2														26	26	41	70
24 / 23	.2	1.1	.1	.2														15	15	29	45
22 / 21	.6	.4	.8	.1														17	17	23	32
21 / 19	.4	.4	.2															10	10	9	30
18 / 17	.1	.8	.2															10	10	17	15
16 / 15		.4	.1															5	5	6	11
14 / 13		.3																3	3	6	18
13 / 11		.1																1	1	3	9
1 / 9																				1	8
8 / 7																					8
6 / 5																					4
4 / 3																					6
2 / 1																					3
0 / -1																					6

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

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

24 14 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
NOV — MONTH

PAGE 2
0900-1100 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	13.6	52.4	22.6	7.2	2.8	1.1	.2	.1										900	900	900	900

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.	5973440	72158	80.2	14.466	900							
Dry Bulb	1191182	32006	35.6	7.677	900		31.9					90
Wet Bulb	1045305	29989	33.3	7.156	900		39.6					90
Dew Point	859302	26670	29.6	8.760	900	.6	53.1					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 67								.1										1	1		
68/ 66						.1	.1	.1										3	3		
64/ 63					.2													2	2		
67/ 65						.1	.1											2	2		
[illegible] / 59						.1			.2									3	3		
58/ 57					.2			.1	.2									5	5		
56/ 55		.2	.2	.2			.1	.4										11	11	3	
54/ 53		.3	.2	.4	.3	.4	.1											17	17	6	
52/ 51		.2		1.8	.9	.2	.3											31	31	6	4
50/ 49		.3	.6	1.6	1.7	.4	.4											45	45	11	7
48/ 47		1.1	2.4	1.3	.5	.6												53	53	9	5
46/ 45	.2	2.4	2.1	.9	1.1	.6		.1										66	66	45	8
44/ 43	.1	2.7	3.1	2.4	.7	.1	.2											84	84	89	26
42/ 41	.4	3.9	3.3	1.7	.1													85	85	77	54
40/ 39	.8	2.8	1.9	1.4	.9	.1												71	71	104	70
38/ 37	1.6	2.9	2.4	.7	.6	.1												74	74	83	75
36/ 35	1.3	5.1	1.8	.8	.2													83	83	84	89
34/ 33	.8	2.8	2.9	1.1	.3	.1												71	71	88	64
32/ 31	.6	5.6	1.3	1.3	.2	.1												76	76	71	82
30/ 29	.7	2.6	.4	.6														38	38	93	73
28/ 27	.4	1.8	.4	.4	.3													31	31	41	89
26/ 25	.2	.8	.1	.1														11	11	30	71
24/ 23	.2	.3	.3	.2														10	10	19	43
22/ 21	.3	.4	.2															9	9	11	32
20/ 19		.4	.9															12	12	12	22
18/ 17		.3	.2															5	5	10	16
16/ 15																				6	9
14/ 13																				1	15
12/ 11																					11
[illegible] / 9																					14
8/ 7																					4
6/ 5																					1
4/ 3																					5
2/ 1																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24314 FAIRCHILD AFB WA 69-78 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ -																					5
TOTAL	7.7	36.9	24.6	16.6	8.3	3.1	1.4	.9	.4									899		899	899
																		899		899	

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.	5453450	65580	72.9	17.325	899							
Dry Bulb	1448702	35308	39.3	8.308	899		19.2	.1				90
Wet Bulb	1194081	32109	35.7	7.255	899		29.4					90
Dew Point	913446	27458	30.5	9.127	899	.6	49.8					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 67								•1										1	1		
64/ 63						•1	•1											2	2		
62/ 61						•1												1	1		
60/ 59					•2				•2									4	4		
58/ 57					•1		•1	•2										4	4		
56/ 55			•1	•1	•1		•2	•1										6	6	1	
54/ 53			•7	•2	•3	•3	•3	•1										16	18	2	
52/ 51	•1	•3	•2	1•4	•6	•1	•2											27	27	6	1
50/ 49	•1	•3	1•2	1•2	•7	•2	•4											38	38	13	4
48/ 47	•1	1•1	1•9	1•3	•6	•7												50	50	16	7
46/ 45	•3	2•1	2•1	1•4	•7	•3												62	62	48	19
44/ 43		2•4	2•7	1•9	•6	•2	•1											71	71	58	16
42/ 41	•6	4•1	3•2	1•2	•5	•2												89	89	79	51
40/ 39	1•1	2•1	3•1	1•5	•4	•1												71	71	95	76
38/ 37	•8	3•6	2•2	•9	•8	•1												75	75	77	56
36/ 35	1•2	5•7	2•3	1•1	•4													97	97	86	75
34/ 33	1•4	4•3	2•7	•8	•3													86	86	118	78
32/ 31	•2	4•1	2•2	•8	•1	•1												68	68	67	98
30/ 29	1•1	3•2	1•3	•2	•1													50	50	94	88
28/ 27	•9	•9	•4	•2	•1													23	23	54	84
26/ 25	•2	•9	•6	•1	•1													17	17	22	59
24/ 23		•3	•2	•2														7	7	19	44
22/ 21	•4	•2	•9															14	14	11	28
20/ 19	•3	•2	•8	•1														13	13	14	26
18/ 17		•2	•3															5	5	12	21
16/ 15																				4	12
14/ 13		•1																1	1	3	12
12/ 11																				1	12
10/ 9																					10
8/ 7																					4
6/ 5																					4
4/ 3																					5
2/ 1																					3
0/ -1																					6

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

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

24114 STATION | FAIRCHILD AFS WA STATION NAME | 69-78 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-- / -5.																					1
TOTAL	8	93	61	28	9	14	3	6	8	2								900	900	900	900

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5205438	66742	74.2	16.875	900							
Dry Bulb	1397021	34699	38.6	8.116	900		19.8	.1				90
Wet Bulb	1164776	31722	35.2	7.266	900		30.1					90
Dew Point	901107	27283	30.3	9.075	900	.7	51.7					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]14 | FAIRCHILD AFB WA | 59-78 | NOV
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / 59					.1													1	1		
5./ 55				.1														1	1		
54/ 53			.4	.1			.2											7	7		
2/ 51		.1	.2	.3		.1	.4											11	11	1	
5 / 49		.2	.9	.3	.2	.4	.1											20	20	6	
4 / 47	.4	.8	1.3	.8	.2	.4	.1											34	34	13	5
49/ 45	.4	1.1	1.9	.3	.4	.1												39	39	21	16
48/ 43		2.3	2.8	.8	.2													52	52	29	12
42/ 41	.9	4.3	2.7	.6	.1													77	77	67	36
4 / 39	1.1	4.8	1.4	.8	.1													74	74	100	63
38/ 37	1.4	5.9	1.4	.9		.1												88	88	79	63
3 / 35	2.	6.5	1.7	.9	.2													101	101	88	78
34/ 33	.1	6.7	2.6	.2	.1													87	87	88	75
32/ 31	.6	7.7	3.8	.7														114	114	99	79
3 / 29	1.2	4.2	1.3	.6														66	66	118	92
28/ 27	1.	2.1	.8	.4														39	39	61	112
26/ 25	.6	1.4	.9															26	26	39	58
24/ 23	.2	.7	.1	.4														13	13	27	54
22/ 21	.6	.3		.2														10	10	15	41
- / 19	.9	1.1	1.3															26	26	16	24
18/ 17	.1	.1	.3															5	5	16	16
16/ 15		.1	.4															5	5	5	16
14/ 13		.3																3	3	4	14
12/ 11																				5	15
1 / 9																					6
8/ 7																					6
6/ 5																					3
4/ 3																					5
2/ 1																					6
/ -1																					4
TOTAL	11.9	57.5	25.7	8.5	1.8	1.2	.9											899	899	899	899

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.	5825144	71200	79.2	14.398	899							
Dry Bulb	1199250	32134	35.7	7.510	899		30.7					90
Wet Bulb	1145106	29988	33.4	7.055	899		40.7					90
Dew Point	850686	26526	29.5	8.702	899	.4	55.2					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

24114 FAIRCHILD AFB WA 69-78 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-/ 53						.1												1	1		
-/ 51			.2				.2											4	4		
5 / 49		.3	.7	.3	.2	.3												17	17		
-/ 47	.1	.6	.6	.3	.1	.1	.2											18	18	8	3
4-/ 45	.1	1.6	1.7	.4	.3		.1											32	32	18	8
-4/ 43	.2	1.8	1.2	.3	.1	.1												34	34	29	16
-2/ 41	.3	4.7	2.?	.6	.2													70	70	38	23
0 / 39	.8	5.3	1.9	.3														75	75	72	46
3-/ 37	1.4	4.2	1.3	.3	.1													67	67	84	58
-/ 35	3.1	5.4	2.6	.4														103	103	97	79
3-/ 33	1.1	7.4	2.8	.2														104	104	73	68
32/ 31	.9	9.1	3.?	.4														121	121	111	73
- / 29	2.6	6.1	1.8	.6														99	99	138	95
28/ 27	.9	2.9	1.7	.3														52	52	81	128
-/ 25		2.2	.4	.3														27	27	37	68
24/ 23	.3	1.2	.2	.2														18	18	40	50
2/ 21	.3	.9	.8	.1														19	19	19	56
- / 19	.7	.7	.3															15	15	18	29
16/ 17	.1	1.2	.1															13	13	13	22
16/ 15		.2	.2															4	4	12	11
-4/ 13		.4																4	4	5	11
12/ 11		.3																3	3	4	17
- / 9																				3	15
8/ 7																					8
6/ 5																					2
4/ 3																					5
2/ 1																					6
/ -1																					3
TOTAL	12.9	56.7	22.8	5.3	1.1	.7	.6											900	900	900	900

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.	6024813	72665	80.7	13.254	900							
Dry Bulb	1099131	30775	34.2	7.215	900		37.5					90
Wet Bulb	972155	28917	32.1	6.920	900		48.1					90
Dew Point	800268	25712	28.6	8.545	900	.3	59.9					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
NOV — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
≥ 67																		2	2		
66/ 65																		3	3		
64/ 63																		5	5		
62/ 61																		4	4		
60/ 59																		9	9		
58/ 57																		12	12		
56/ 55																		22	22	5	
54/ 53																		53	53	11	
52/ 51																		94	94	22	9
50/ 49																		156	156	48	25
48/ 47																		211	211	63	28
46/ 45																		314	314	178	81
44/ 43																		368	368	289	95
42/ 41																		528	528	428	260
40/ 39																		605	605	644	419
38/ 37																		636	636	650	513
36/ 35																		734	734	708	648
34/ 33																		783	783	749	584
32/ 31																		784	784	761	695
30/ 29																		668	668	894	705
28/ 27																		416	416	591	837
26/ 25																		213	213	316	538
24/ 23																		124	124	261	398
22/ 21																		153	153	162	342
20/ 19																		157	157	138	240
18/ 17																		70	70	129	156
16/ 15																		25	25	72	101
14/ 13																		19	19	27	117
12/ 11																		17	17	22	114
10/ 9																		8	8	17	78
8/ 7																		5	5	13	66
6/ 5																					25
4/ 3																					35
2/ 1																					44

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24 14	FAIRCHILD AFB WA	69-78	NOV
STATION	STATION NAME	YEARS	MONTH

PAGE 2 — 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
/ -																					44
-4/ -5																					1
TOTAL	13.	951.	721.	5	8.0	2.9	1.2	.6	.2	.1								7198	7198	7198	7198

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.	47212614	573138	79.6	14.801	7198							
Dry Bulb	9395673	253711	35.2	7.934	7198		266.0	.2				720
Wet Bulb	8191538	237072	32.9	7.299	7198		340.4					720
Dew Point	6665202	209574	29.1	8.847	7198	4.5	453.7					720

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]14 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 49			.1	.1														2	2		
[illegible] / 47			.5	.1														7	7		
[illegible] / 45		.4	.1		.2	.1												8	8	1	
[illegible] / 43		1.8	.1	.1														19	19	14	2
[illegible] / 41	.4	1.5	.2															20	20	27	21
[illegible] / 39	.8	2.5	.5															35	35	21	20
[illegible] / 37	2.[illegible]	3.8	.4	.8														65	65	51	35
[illegible] / 35	.8	5.9	1.5															76	76	58	38
[illegible] / 33	1.1	6.3	1.4															82	82	78	49
[illegible] / 31	1.4	7.8	1.2	.1														98	98	96	74
[illegible] / 29	1.[illegible]	7.4	.9															86	86	99	82
[illegible] / 27	1.[illegible]	7.7	.8															95	95	90	87
[illegible] / 25	1.9	7.4	.4															91	91	91	97
[illegible] / 23	.9	4.4	.2															51	51	85	66
[illegible] / 21	1.6	2.[illegible]	.3															37	37	51	75
/ 19	1.8	1.7	.3															36	36	28	81
[illegible] / 17	.5	2.5																25	26	31	41
[illegible] / 15	1.1	1.1	.3															22	22	31	24
[illegible] / 13	.9	.5	.1															15	15	14	24
[illegible] / 11	.8	1.[illegible]																16	16	16	37
/ 9	.5	1.1	.4															17	17	11	17
8 / 7	.4	.5	.1															10	10	14	9
6 / 5		.2																1	1	5	7
4 / 3	.3																	3	3	4	12
2 / 1		.3																3	3		6
/ -1	.3																	3	3	6	2
-2 / -3		.1																1	1	1	3
-4 / -5																					2
-6 / -7	.1																	1	1	1	1
-8 / -9	.3																	3	3	3	7
-10 / -11																					5
-12 / -13	.1																	1	1	1	1
-14 / -17																					2
-18 / -19																					3

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

USAFETAC FORM 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

24114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPEPATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23	24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	7[illegible]3	68.1	10.1	1.2	.2	.1													930	933	930	93[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.	6678761	78193	84.1	10.601	930							
Dry Bulb	823294	26356	28.3	9.067	930	.9	61.6					93
Wet Bulb	752681	25159	27.1	8.807	930	1.2	68.0					93
Dew Point	631197	22323	24.0	10.132	930	2.6	76.5					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
DEC — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47		.1	.5	.2														8	8		
[illegible] / 45		.5	.2	.1	.1	.1												10	10	2	
44 / 43	.3	.8	.3															13	13	14	8
42 / 41	.1	1.5	.2															17	17	16	13
40 / 39	.5	2.9	.3															35	35	26	14
38 / 37	2.3	2.8	.4	.6														57	57	48	40
36 / 35	1.4	6.1	1.[illegible]	.1														80	80	55	36
34 / 33	1.[illegible]	6.7	.8															78	78	72	49
32 / 31	1.7	7.4	.8															92	92	94	69
[illegible] / 29	2.[illegible]	6.9	.8															90	90	98	81
28 / 27	2.6	6.[illegible]	1.1															90	90	105	91
26 / 25	2.3	8.2	.9															105	105	83	82
24 / 23	1.4	4.4	.2															56	56	91	87
22 / 21	1.2	2.8	.3															40	40	54	82
[illegible] / 19	.4	1.2																15	15	17	63
18 / 17	1.4	1.9	.1															32	32	28	34
16 / 15	1.1	1.9	.2															30	30	31	33
14 / 13	.3	1.[illegible]																12	12	19	31
12 / 11	1.4	.9	.3															24	24	23	19
[illegible] / 9	.4	1.1	.3															17	17	17	27
8 / 7	.2	.3	.1															6	6	10	16
6 / 5	.3	.1																4	4	7	9
4 / 3	.4	.1																5	5	5	13
2 / 1	.1	.2																3	3	2	10
[illegible] / -1	.5																	5	5	7	1
-2 / -3																					4
-4 / -5		.2																2	2		
-6 / -7		.1																1	1	2	1
-8 / -9	.2																	2	2	3	9
-[illegible] / -11	.1																	1	1	1	3
-12 / -13																					3
-14 / -15																					2
-16 / -17																					2
-18 / -19																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

22114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

PAGE 2 | 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
TOTAL	73.2	66.1	8.8	1.1	.1	.1												930	930	930	930

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6734128	78526	84.4	10.563	930							
Dry Bulb	801131	25919	27.9	9.208	930	1.1	63.2					93
Wet Bulb	736022	24792	26.7	8.992	930	1.3	69.7					93
Dew Point	619590	22000	23.7	10.331	930	2.6	77.0					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2[illegible]14 (STATION) FAIRC[illegible]LD AFB MA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/ 47		.2	.4	.1														7	7		
[illegible]/ 45		.9	.2		.3													13	13	5	3
[illegible]/ 43	.1	.6	.3															10	10	12	5
[illegible]/ 41	.4	.8	.4	.1														16	16	16	14
[illegible]/ 39	1.3	2.5	.6															41	41	26	22
38/ 37	2.4	3.[illegible]	.8	.2														59	59	59	34
[illegible]/ 35	1.2	5.4	.6	.2														69	69	41	46
34/ 33	1.1	4.9	1.[illegible]															65	65	70	39
[illegible]/ 31	1.5	9.6	1.1															113	113	75	65
[illegible]/ 29	1.9	5.8	.3															75	75	130	80
28/ 27	2.4	8.3	.8															106	106	96	83
26/ 25	1.4	7.8	.2															88	88	71	97
[illegible]/ 23	1.1	3.9	.2															48	48	89	70
[illegible]/ 21	1.6	3.9	.2															53	53	55	82
[illegible]/ 19	.6	1.5	.1															21	21	29	70
[illegible]/ 17	1.5	1.9																32	32	32	34
[illegible]/ 15	1.4	2.[illegible]	.2															34	34	34	33
[illegible]/ 13	.1	.8																8	8	11	28
1[illegible]/ 11	1.2	.8	.2															20	20	21	30
[illegible]/ 9	.9	.8	.4															19	19	14	23
8/ 7	.2	.5																7	7	15	17
6/ 5	.1	.2																3	3	4	6
4/ 3	.4	.1																5	5	6	5
2/ [illegible]	.4	.2																6	6	5	11
[illegible]/ -1	.6																	6	6	8	7
-2/ -3																					5
-6/ -7		.2																2	2		
-6/ -9	.1																	1	1	3	7
-[illegible]/-11																					3
-12/-13																					2
-14/-15	.2																	2	2	2	2
-16/-17	.1																	1	1	1	1
-18/-19																					5
-22/-23																					1

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-73 (YEARS) DEC (MONTH)

 7600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
TOTAL	[illegible]	366	6	2	6	3												930	933	933	93[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.	6767287	78739	84.7	10.417	930							
Dry Bulb	795474	25736	27.7	9.468	930	1.2	65.0					93
Wet Bulb	732529	24647	26.5	9.241	930	1.4	70.1					93
Dew Point	620530	21888	23.5	10.651	930	3.3	76.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
5 / 4[illegible]		.1																1	1		
[illegible]/ 47		.5	.6															11	11	1	
[illegible]/ 45	.1	.3	.6	.1		.1												12	12	9	7
[illegible]/ 43	.3	1.3	.5	.3	.2													22	22	12	5
42/ 41	.3	1.8	.6	.2														32	32	25	16
[illegible] / 39	1.1	4.3	1.2	.2	.1													64	64	36	27
38/ 37	1.1	3.3	.6	.2														48	48	63	35
[illegible]/ 35	.6	3.4	1.9															56	56	45	54
34/ 33	1.9	6.6	2.2	.2														103	103	71	35
[illegible]/ 31	1.2	8.2	1.7	.1														104	104	108	63
[illegible] / 29	1.3	6.5	1.5	.3														89	89	107	93
[illegible]/ 27	2.9	7.8	.8	.2														109	109	116	91
26/ 25	.5	4.4	.9															54	54	72	103
[illegible]/ 23	1.4	3.7	.2															49	49	72	65
22/ 21	.8	2.7																32	32	35	93
[illegible] / 19	1.5	2.5	.1															38	38	34	52
18/ 17	.8	1.5																21	21	34	28
[illegible]/ 15	.2	1.2		.2														15	15	13	31
[illegible]/ 13	.4	.8	.3															14	14	14	28
12/ 11	.6	.4	.2															12	12	12	26
1 / 9	.9	.6	.4															18	18	19	29
8/ 7	.3	.2	.1															6	6	8	10
6/ 5	.3	.5																8	8		3
4/ 3	.1	.2																3	3	5	8
2/ 1	.1	.1																2	2	4	6
[illegible] / -1	.1																	1	1	1	1
-2/ -3																					3
-4/ -5		.1																1	1		2
-6/ -7		.3																3	3	1	2
-8/ -9																				3	6
-[illegible]/-11	.1																	1	1	1	5
-12/-13	.1																	1	1	1	2
-14/-15																					1
-16/-17																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25114 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-[illegible]/-19																					2
-[illegible]/-21																					3
TOTAL	19.5	63.3	14.6	2.2	.3	.1												930	930	930	930

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6611347	77063	82.9	11.629	930							
Dry Bulb	872843	27177	29.2	9.202	930	.7	58.1					93
Wet Bulb	791142	25824	27.8	8.929	930	.7	66.8					93
Dew Point	658853	22757	24.5	10.478	930	2.8	75.1					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 51			.1															1	1		
5 / 49		.3	.2	.2	.1	.1	.3											12	12		
6/ 47		.3	.4	.3	.1													11	11	5	
6/ 45	.2	.6	.5	.1	.1													15	15	9	11
44/ 43	.3	1.1	1.1	.3	.2													28	28	17	9
42/ 41	.4	2.9	1.9	1.4														62	62	30	12
9 / 39	1.1	3.7	2.3	.4														68	68	56	34
36/ 37	.8	2.8	2.6	.4														60	61	63	42
36/ 35	.9	5.2	2.8	1.6														97	97	70	47
34/ 33	1.6	7.1	3.1	1.6														124	124	97	58
32/ 31	.6	5.4	2.2	.1	.2													79	79	104	77
3 / 29	.3	5.8	2.7	.1														81	81	95	74
28/ 27	1.2	6.8	.6	.3														81	81	116	96
26/ 25	1.7	3.8	.6															50	55	63	96
24/ 23	1.6	1.7	.2	.1														34	34	57	80
22/ 21	.4	2.1	.3															26	26	33	80
2 / 19	1.1	1.8	.1	.1														29	29	30	44
18/ 17	.2	1.4		.2														17	17	21	43
16/ 15	.1	.9	.5															14	14	15	24
14/ 13	.2	.4																6	6	13	20
12/ 11	.8	.3	.2															12	12	11	18
1 / 9	.1	.6	.5															12	12	8	19
8/ 7		.1	.2															3	3	5	8
6/ 5		.1																1	1	5	2
4/ 3																				3	6
2/ 1																					5
/ -1	.1	.1																2	2	1	1
-2/ -3		.2																2	2	2	5
-4/ -5	.1	.1																2	2	2	
-6/ -7																				1	1
-8/ -9																					9
-1 /-11																					1
-12/-13																					3
-14/-15																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
- 5/-19																					2
TOTAL	13.	355.	422.	6	7.	4	.8	.1	.3										930		929
																		929		929	

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.	5982733	73497	79.1	13.458	929							
Dry Bulb	997809	29381	31.6	8.655	930	.6	45.1					93
Wet Bulb	873917	27445	29.5	8.247	929	.6	58.3					93
Dew Point	698331	23719	25.5	9.997	929	2.4	71.7					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 5			.2															2	2		
5 / 4			.1				.1											2	2		
9/ 47		.3	.4															7	7	3	
0/ 45	.2	1.6	.1		.1													19	19	11	6
4/ 43		1.3	1.2	.6	.2													30	30	15	12
2/ 41	.5	3.1	1.1	.4	.1													48	48	26	19
/ 39	.8	4.8	2.4	.9														80	80	48	28
38/ 37	.9	2.5	1.3	.5														53	53	69	48
/ 35	1.5	5.6	2.7	.8														98	98	72	44
34/ 33	.8	8.3	3.1	1.1														122	122	88	50
32/ 31	.2	5.3	2.3	.4	.1													77	77	106	74
/ 29	.8	6.7	2.5	.2														94	94	98	67
28/ 27	1.4	5.6	1.3	.2														79	79	117	108
26/ 25	1.3	3.7	.5															51	51	76	111
24/ 23	1.1	2.2	.3															32	32	41	69
2/ 21	.8	2.7	.5															37	37	42	65
/ 19	1.3	1.2	.2	.1														26	26	31	50
18/ 17	.3	1.6	.1	.2														21	21	21	47
16/ 15	.1	.6	.3															10	10	16	35
14/ 13		.1																1	1	7	13
12/ 11	.5	.3	.3															11	11	15	19
/ 9	.1	1.3	.4															17	17	9	11
8/ 7	.1	.1																2	2	10	8
6/ 5		.1	.1															2	2	4	4
4/ 3	.1																	1	1	3	13
2/ 1		.2																2	2		4
/ -1	.1	.3																4	4	3	1
-2/ -3		.1																1	1	4	5
-4/ -5																					1
-8/ -9	.1																	1	1	1	8
-10/-11																					3
-12/-13																					1
-14/-15																					2
-16/-17																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
- -/-19																				1
TOTAL	12.	259.	221.	8	5.	3		1											933	933
																		930		930

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.	6 63029	74153	79.7	12.727	930							
Dry Bulb	970807	28957	31.1	8.630	930	.6	46.9					93
Wet Bulb	859096	27180	29.2	8.348	930	.8	59.9					93
Dew Point	693558	23566	25.3	10.187	930	2.5	72.3					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3[illegible]14 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
2/ 51			.1															1	1		
5 / 49			.2															2	2		
63/ 47		.1	.1															2	2	1	
56/ 45	.4	1.[illegible]	.2		.1													16	16	11	8
49/ 43	.3	.8	.3		.2													15	15	13	10
42/ 41	.3	2.6	.6	.2														35	35	14	13
[illegible] / 39	1.1	4.3	1.1	.1	.1													62	62	42	29
38/ 37	1.7	3.7	1.7	.4														70	70	67	35
36/ 35	1.1	4.8	1.5	.1														70	70	64	51
34/ 33	.5	7.2	.8	.1														80	80	78	55
32/ 31	.6	7.2	2.[illegible]	.4														96	96	77	62
3 / 29	.8	9.4	2.3															115	115	93	73
28/ 27	1.1	8.8	1.1															101	101	142	84
[illegible]2/ 25	1.8	3.1	1.1															56	56	86	113
[illegible]4/ 23	1.2	2.3	.3															35	35	47	87
2/ 21	1.4	3.1																41	41	45	69
[illegible] / 19	1.2	2.2		.3														34	34	32	47
18/ 17	.5	2.1	.1															25	25	28	36
16/ 15	.5	.5	.1	.1														13	13	22	37
14/ 13	.1	.5	.3															9	9	11	29
12/ 11	.3	.4	.3															14	14	15	13
[illegible] / 9	.1	1.0	.3															13	13	4	21
8/ 7	.1																	1	1	12	11
6/ 5	.1	.3																4	4	3	
4/ 3	.6																	6	6	9	10
2/ 1	.4	.1																5	5	4	6
0/ -1	.1	.2																3	3	3	3
-2/ -3		.1																1	1	2	9
-4/ -5	.1	.1																2	2	1	3
-6/ -7		.1																1	1	1	4
-8/ -9	.[illegible]																	2	2	3	2
-10/-11																					4
-12/-13																					2
-16/-17																					2

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

USAFETAC FORM 0-26-5 (OL A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94214 STATION | FAIRCHILD AFB WA STATION NAME | 64-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-19																					2
-22/-21																					2
-24/-23																					1
TOTAL	17.	265.	914.	6	1.8	.4													930		930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5465513	75773	82.5	11.728	930							
Dry Bulb	828283	27382	29.4	9.081	930	.9	57.7					93
Wet Bulb	800165	26001	28.0	8.378	930	1.0	64.0					93
Dew Point	667393	22877	24.6	10.613	930	3.4	72.9					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2-2114 | FAIRCHILD AFB WA | 69-78 | DEC
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 49			.3															3	3		
[illegible] / 47			.2															2	2		
[illegible] / 45	.3	1.1	.1	.1	.1													16	16	7	4
47 / 43	.1	1.3	.3		.3													19	19	16	7
[illegible] / 41		1.2	.1															12	12	14	15
[illegible] / 39	1.8	2.3	.9	.4	.1													47	47	26	25
37 / 37	1.1	4.8	1.4	.2														70	70	48	21
[illegible] / 35	1.5	5.9	1.8															86	86	73	45
34 / 33	1.5	5.7	1.3															79	79	87	65
[illegible] / 31	1.	6.7	1.3															83	83	79	77
[illegible] / 29	.6	8.4	1.2															95	95	97	53
[illegible] / 27	2.2	7.8	1.7															102	102	108	89
[illegible] / 25	1.4	7.1	.5															84	84	78	102
[illegible] / 23	1.1	3.2	.4															43	43	85	68
[illegible] / 21	1.2	2.1	.3															33	33	38	88
[illegible] / 19	1.6	2.3																36	36	35	63
[illegible] / 17	.6	1.5	.2	.2														24	24	33	33
18 / 15	.8	1.5	.2															22	22	21	31
[illegible] / 13	.6	1.7																15	15	23	29
12 / 11	.9	.4	.1															13	13	14	32
[illegible] / 9	.4	.9	.4															16	15	7	21
[illegible] / 7	.4	.2	.3															9	9	12	11
[illegible] / 5	.1																	1	1	9	7
[illegible] / 3	.5	.3																8	8	5	12
[illegible] / [illegible]																				3	2
[illegible] / -1	.3																	3	3	3	5
-2 / -3		.2																2	2	2	5
-4 / -5	.1	.1																2	2	1	2
-6 / -7	.2	.1																3	3	3	2
-8 / -9	.2																	2	2	3	7
-10 / -11																					2
-12 / -13																					1
-14 / -15																					1
-16 / -17																					4

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. O...	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

CY 14 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1[illegible]/-19																					2
-[illegible]/-21																					2
TOTAL	2[illegible]	66.0	12.5	1.0	.5													930			930
																		930		930	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6548719	77327	83.1	11.327	930							
Dry Bulb	838009	26557	28.6	9.259	930	1.2	59.6					93
Wet Bulb	762611	25279	27.2	9.814	930	1.2	65.9					93
Dew Point	635708	22250	23.9	10.54[illegible]	930	3.3	74.8					93

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

94114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-78 — YEARS
DEC — MONTH

ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
72/ 69			.1															4	4		
5 / 49		.1	.1	.0	.3	.0	.1											22	22		
48/ 47		.2	.4	.1	.1													55	55	10	
46/ 45	.2	.8	.3	.1	.1	.3												109	109	54	39
44/ 43	.2	1.1	.5	.2	.1													156	156	113	58
42/ 41	.4	1.9	.7	.3	.1													242	242	168	123
40 / 39	1.	3.4	1.2	.3	.1													432	432	281	199
38/ 37	1.5	3.3	1.2	.4														482	483	468	290
36/ 35	1.1	5.3	1.7	.3														632	632	478	361
34/ 33	1.2	6.6	1.7	.4														733	733	641	400
32/ 31	1.1	7.2	1.6	.1	.1													742	742	739	561
30 / 29	1.1	7.1	1.4	.1														725	817	603	
28/ 27	1.9	7.3	.9	.1														763	763	890	729
26/ 25	1.5	5.7	.6															579	579	620	798
24/ 23	1.2	3.2	.3	.1														348	348	567	592
22/ 21	1.1	2.6	.3															299	299	350	634
20 / 19	1.2	1.8	.1	.1														235	235	236	470
18/ 17	.7	1.8	.1	.1														198	198	228	293
16/ 15	.6	1.2	.2	.1														160	160	162	245
14/ 13	.3	.6	.1															80	80	112	202
12/ 11	.9	.6	.2															122	122	122	188
10 / 9	.4	.9	.4															129	129	89	168
8/ 7	.2	.3	.1															44	44	36	90
6/ 5	.1	.2	.2															24	24	48	38
4/ 3	.3	.1																31	31	40	79
2/ 1	.1	.1																21	21	18	50
0 / -1	.3	.1																27	27	32	21
-2/ -3		.1																7	7	11	39
-4/ -5	.0	.1																9	9	4	10
-6/ -7	.0	.1																11	11	9	11
-8/ -9	.1																	11	11	19	55
-10/-11	.1																	2	2	2	26
-12/-13	.1																	2	2	2	25
-14/-15	.1																	2	2	2	11

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]14 STATION | FAIRCHILD AFB WA STATION NAME | 69-78 YEARS | DEC MONTH

ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible]/-17	•																	1	1	1	15
[illegible]/-19																					18
[illegible]/-21																					7
[illegible]2/-23																					2
TOTAL	18.9	63.8	14.2	2.6	.4	.1	.1											7439	7440	7439	7439

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.	51751517	61[illegible]71	82.6	11.759	7439							
Dry Bulb	6982187	217465	29.2	9.172	7440	7.2	457.2					744
Wet Bulb	6308163	206327	27.7	8.872	7439	8.2	522.7					744
Dew Point	5225152	181380	24.4	10.388	7439	22.9	597.0					744

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

24114	FAIRCHILD AFB WA	69-79	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 2/[illegible] 1																	.0	3	3		
1[illegible] / 99																.0	.0	23	23		
[illegible]8/ 97															.0	.0	.1	56	56		
96/ 95												.0		.0	.0	.0	.1	86	86		
[illegible]4/ 93													.0	.0	.0	.1	.1	160	160		
[illegible]/ 91											.0	.0	.0	.0	.1	.1	.1	309	309		
[illegible] / 89										.0	.0	.0	.0	.1	.2	.1	.0	418	418		
88/ 87								.0	.0	.0	.0	.0	.1	.2	.2	.1	.0	475	475		
86/ 85								.0	.0	.0	.1	.1	.1	.2	.1	.0		562	562		
84/ 83								.0	.0	.0	.1	.2	.2	.2	.1	.0		658	658		
[illegible]2/ 81								.0	.0	.1	.2	.3	.2	.2	.0			941	941		
[illegible] / 79						.0	.0	.0	.1	.2	.2	.3	.2	.1	.0			891	891		
78/ 77					.0	.0	.0	.1	.2	.2	.3	.3	.1	.0	.1			1039	1039		
76/ 75				.0	.0	.0	.1	.1	.2	.3	.4	.2	.1	.0				1243	1243		
74/ 73			.0	.0	.0	.0	.1	.3	.3	.4	.3	.1	.0					1415	1415	2	
72/ 71		.0	.0	.0	.0	.1	.2	.3	.4	.4	.3	.1	.0					1625	1625	9	
7[illegible] / 69		.0	.1	.0	.1	.2	.3	.5	.5	.4	.1	.1						1896	1896	60	
68/ 67		.0	.1	.0	.1	.2	.4	.5	.4	.3	.1	.0						1876	1876	139	11
66/ 65		.0	.1	.1	.2	.3	.6	.5	.5	.2	.0	.0						2266	2266	430	24
64/ 63	.0	.0	.1	.2	.3	.5	.6	.6	.3	.2	.0							2637	2637	1124	41
62/ 61	.0	.1	.1	.3	.4	.6	.7	.4	.3	.1	.0							2523	2523	1693	95
60/ 59		.1	.2	.3	.5	.6	.6	.4	.1	.0								2511	2511	2538	141
58/ 57	.0	.2	.4	.5	.6	.7	.5	.3	.1	.0								2821	2821	3094	416
56/ 55	.0	.3	.4	.6	.7	.7	.4	.2	.1									2980	2980	3656	794
54/ 53	.0	.3	.5	.6	.8	.6	.4	.2	.0									3035	3035	4392	1136
52/ 51	.0	.4	.7	.8	.7	.4	.3	.1	.0									2939	2939	4502	1777
50/ 49	.1	.4	.9	.6	.7	.4	.2	.1	.0									2938	2939	4395	2336
48/ 47	.1	.5	1.0	.9	.6	.4	.1	.0										3238	3238	4282	2757
46/ 45	.1	1.0	1.2	1.0	.8	.3	.1	.0										3975	3975	4581	4332
44/ 43	.1	.9	1.1	.9	.4	.2	.1											3271	3271	4364	4626
42/ 41	.2	1.4	1.2	.8	.3	.1	.0											3444	3444	4477	4887
40/ 39	.4	1.9	1.2	.7	.3	.1	.0											3972	3972	4707	5659
38/ 37	.6	1.8	1.3	.5	.2	.0												3939	3940	5028	5988
36/ 35	.6	2.5	1.3	.5	.1	.0												4460	4460	4920	6540

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

14	FAIRCHILD AFB WA	69-79	ALL
STATION	STATION NAME	YEARS	MONTH

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
34/ 33	.7	2.8	1.2	.4	.1	.0												4561	4561	5230	6031
32/ 31	.6	2.8	.9	.3	.0	.0												4106	4106	5083	6380
30/ 29	.6	2.3	.7	.2	.1													3329	3329	4720	5950
28/ 27	.5	1.9	.5	.1	.1													2801	2801	3702	6163
26/ 25	.3	1.6	.3	.1	.1													1948	1948	2484	4899
24/ 23	.2	.9	.2	.1	.1													1158	1158	2016	3149
22/ 21	.2	.8	.2	.1														1017	1017	1242	3010
20/ 19	.3	.6	.2	.1														953	953	933	2457
18/ 17	.1	.5	.1	.1														658	658	903	1650
16/ 15	.1	.4	.1	.1														502	502	631	1258
14/ 13	.1	.3	.1															368	368	451	966
12/ 11	.1	.3	.1															400	400	422	879
10/ 9	.1	.3	.1															407	407	358	706
8/ 7	.1	.2	.1															215	215	338	492
6/ 5	.1	.1	.0															134	134	234	384
4/ 3	.1	.1																141	141	143	334
2/ 1	.1	.1																109	109	112	317
0/ -1	.1	.1																70	70	118	232
-2/ -3	.0	.0																37	37	51	179
-4/ -5	.0	.0																27	27	23	114
-6/ -7	.0	.0																32	32	24	131
-8/ -9	.0																	19	19	36	196
-10/-11	.0																	2	2	2	124
-12/-13	.0																	2	2	2	50
-14/-15	.0																	2	2	2	25
-16/-17	.0																	1	1	1	25
-18/-19																					32
-20/-21																					8
-22/-23																					3
TOTAL	6.6	27.9	16.2	10.6	8.0	6.7	5.6	4.6	3.5	2.8	2.1	1.6	1.2	1.1	.7	.4	.3		87626		87624
																		87624		87624	

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.	397617424	5564164	63.5	22.533	87624							
Dry Bulb	22354730 9	4142031	47.3	17.798	87626	19.2	1841.6	1368.0	828.3	410.4	32.8	8760
Wet Bulb	157328531	3545667	40.5	12.574	87624	25.9	2400.3	21.0	.2			8760
Dew Point	107913133	2904209	33.1	11.534	87624	111.8	4000.1	1.1				8760

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24214 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-79 (YEARS)

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP.	OCT	NOV	DEC	ANNUAL
00-02	MEAN	24.8	30.3	34.4	39.8	47.9	55.9	62.7	62.1	52.3	42.1	33.5	28.3	42.9
	S D	10.351	7.141	6.010	6.349	6.598	7.786	7.024	6.938	6.576	6.528	7.206	9.067	14.662
	TOTAL OBS	930	846	930	900	930	898	930	930	900	930	900	930	10954
03-05	MEAN	24.2	29.5	32.9	37.4	45.0	52.7	58.9	58.4	49.5	40.0	32.7	27.9	40.8
	S D	10.710	7.000	6.034	6.188	6.219	7.128	6.613	6.223	6.403	6.418	7.168	9.208	13.597
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
06-08	MEAN	23.6	29.3	33.1	39.6	49.0	57.4	63.8	61.8	51.3	40.3	32.5	27.7	42.5
	S D	1..940	7.100	6.188	6.557	6.916	7.686	7.192	7.174	6.785	6.621	7.249	9.468	15.532
	TOTAL OBS	930	846	929	899	930	900	929	930	898	930	900	930	10951
09-11	MEAN	25.2	32.0	38.6	47.1	56.6	65.3	72.9	71.6	60.6	48.2	35.6	29.2	48.7
	S D	1 .527	7.319	6.873	7.388	8.080	9.081	8.599	8.676	7.899	7.733	7.677	9.202	18.072
	TOTAL OBS	933	846	930	900	929	900	929	930	900	930	900	930	10954
12-14	MEAN	27.8	35.8	43.2	51.7	61.1	70.3	78.8	78.0	66.9	54.5	39.3	31.6	53.3
	S D	9.933	7.728	7.373	8.097	9.020	10.134	9.528	9.577	9.068	8.866	8.308	8.655	19.338
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	930	10955
15-17	MEAN	28.0	36.6	43.9	52.5	62.1	71.9	80.6	79.7	68.0	54.7	38.6	31.1	54.1
	S D	9.583	7.707	7.522	8.491	9.213	10.507	9.537	9.925	9.502	9.135	8.116	8.630	19.998
	TOTAL OBS	930	846	930	900	928	900	930	929	900	930	900	930	10953
18-20	MEAN	26.3	33.5	39.8	48.3	58.0	68.1	76.5	74.3	61.9	48.5	35.7	29.4	50.1
	S. D.	9.809	7.081	6.779	8.179	8.751	9.754	9.243	9.692	8.736	7.741	7.510	9.081	18.925
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	899	930	10952
21-23	MEAN	25.5	31.6	36.7	43.3	51.9	60.6	68.0	66.5	55.9	44.4	34.2	28.6	45.7
	S D	10.155	6.942	6.145	6.991	7.319	8.173	7.987	7.744	7.226	6.930	7.215	9.259	16.199
	TOTAL OBS	930	846	930	900	926	900	930	930	900	930	900	930	10952
ALL HOURS	MEAN	25.7	32.3	37.8	45.0	54.0	62.8	70.3	69.0	58.3	46.6	35.2	29.2	47.3
	S D	10.357	7.695	7.760	9.096	9.952	11.092	11.223	11.215	10.280	9.365	7.934	9.172	17.798
	TOTAL OBS	7440	6768	7439	7198	7430	7198	7438	7439	7198	7440	7198	7440	87626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24114 FAIRCHILD AFB WA 69-79

STATION | STATION NAME | YEARS

HRS (L S T)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	23.5	28.6	31.7	35.5	42.5	48.9	52.5	51.6	46.0	38.3	31.6	27.1	38.2
	S D	10.285	7.084	5.941	5.369	5.210	5.785	5.271	4.356	5.548	6.000	7.001	8.807	11.656
	TOTAL OBS	930	846	930	900	930	898	930	930	900	930	900	930	10954
3-05	MEAN	23.3	28.0	30.7	34.1	41.0	47.5	51.2	50.4	44.7	37.1	31.1	26.7	37.2
	S D	10.551	6.958	5.993	5.388	5.308	5.854	5.396	4.396	5.678	6.055	7.070	8.992	11.455
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
6-08	MEAN	22.6	27.8	30.8	35.7	43.7	50.5	54.1	53.0	46.1	37.5	31.0	26.5	38.3
	S D	10.779	7.034	6.040	5.462	5.320	5.702	5.055	4.458	5.820	6.120	7.155	9.241	12.478
	TOTAL OBS	930	846	929	899	930	900	929	930	898	930	900	930	10951
9-11	MEAN	23.9	29.9	34.5	40.2	47.6	53.7	57.5	57.1	50.7	42.4	33.3	27.8	41.6
	S D	10.335	7.071	6.087	5.485	5.343	5.665	4.967	4.197	5.498	6.091	7.156	8.929	13.080
	TOTAL OBS	930	846	930	900	929	900	929	929	900	930	900	930	10953
12-14	MEAN	25.9	32.5	37.1	42.2	49.1	55.0	58.7	58.4	52.6	45.3	35.7	29.5	43.6
	S D	9.652	6.981	6.233	5.596	5.383	5.523	4.828	4.100	5.483	6.231	7.255	8.247	12.716
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	929	10954
15-17	MEAN	26.1	33.0	37.4	42.4	49.1	55.2	58.8	58.4	52.4	45.0	35.2	29.2	43.6
	S D	9.421	6.866	6.247	5.607	5.267	5.408	4.734	4.031	5.419	6.205	7.205	8.348	12.681
	TOTAL OBS	930	846	930	900	928	900	930	929	900	930	900	930	10953
18-20	MEAN	24.8	30.9	35.3	40.3	47.6	54.0	57.5	56.3	49.9	41.9	33.4	28.0	41.7
	S D.	9.742	6.737	6.119	5.597	5.324	5.486	4.820	4.242	5.374	6.055	7.055	8.878	12.673
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	899	930	10952
21-23	MEAN	24.1	29.6	33.3	37.7	44.8	51.1	54.5	53.2	47.4	39.5	32.1	27.2	39.6
	S D	10.071	6.817	5.899	5.486	5.100	5.508	5.106	4.190	5.395	6.055	6.920	9.014	12.024
	TOTAL OBS	930	846	930	900	926	900	930	930	900	930	900	930	10952
ALL HOURS	MEAN	24.2	30.0	33.9	38.5	45.7	52.0	55.6	54.8	48.7	40.9	32.9	27.7	40.5
	S. D	10.180	7.180	6.561	6.262	6.030	6.235	5.716	5.166	6.233	6.813	7.299	8.872	12.574
	TOTAL OBS	7440	6768	7439	7198	7430	7198	7438	7438	7198	7440	7198	7439	87624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

24 14 — STATION
FAIRCHILD AFB WA — STATION NAME
69-79 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	19.7	24.9	27.1	29.4	36.5	42.3	43.5	42.0	39.2	33.3	28.3	24.0	32.6
0-2	S D	12.527	9.093	7.923	6.886	6.482	6.828	7.874	7.405	7.967	8.029	8.641	10.132	11.495
	TOTAL OBS	930	846	930	900	930	896	930	930	900	930	900	930	10954
	MEAN	19.2	24.5	26.5	29.0	36.2	42.6	44.2	43.0	39.4	33.2	28.0	23.7	32.5
3-5	S D	12.693	8.953	7.962	6.601	6.388	6.720	7.337	6.679	7.641	7.731	8.774	10.331	11.685
	TOTAL OBS	930	846	930	899	930	900	930	930	900	930	900	930	10955
	MEAN	18.9	24.4	26.8	30.4	38.0	44.3	46.2	45.4	40.8	33.7	28.0	23.5	33.4
6-8	S D	12.845	8.875	7.766	6.554	6.176	6.492	6.673	6.065	7.522	7.658	8.763	10.651	12.217
	TOTAL OBS	93..	846	929	899	930	900	929	930	898	930	900	930	10951
	MEAN	19.9	25.9	28.3	31.7	38.6	44.0	45.7	45.8	41.6	35.7	29.6	24.5	34.3
9-11	S D	12.392	8.899	8.056	7.082	6.701	6.930	7.030	6.273	7.779	7.909	8.760	10.478	11.938
	TOTAL OBS	930	846	930	900	929	900	929	929	900	930	900	930	10953
	MEAN	21.3	27.2	28.6	30.9	37.4	42.3	43.4	43.4	39.6	35.2	30.5	25.5	33.8
12-14	S D	11.928	8.778	8.694	7.653	7.058	7.232	7.554	6.885	8.520	8.506	9.127	9.997	11.214
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	899	929	10954
	MEAN	21.6	27.3	28.3	30.1	36.2	41.2	41.7	41.7	38.0	34.2	30.3	25.3	33.0
15-17	S D	11.845	8.751	9.014	8.014	7.172	7.431	8.010	7.055	8.558	8.636	9.075	10.187	10.946
	TOTAL OBS	930	846	930	900	928	900	930	929	900	930	900	930	10953
	MEAN	20.6	26.3	28.5	30.2	37.0	41.9	42.1	41.4	38.2	33.8	29.5	24.6	32.9
18-20	S D	12.111	8.699	8.491	7.805	7.134	7.594	8.167	7.423	8.410	8.520	8.702	10.613	11.199
	TOTAL OBS	930	846	930	900	927	900	930	930	900	930	899	930	10952
	MEAN	20.1	25.6	27.9	30.0	37.2	42.6	42.9	41.5	38.5	33.3	28.6	23.9	32.7
21-23	S D.	12.328	8.826	8.077	7.355	6.485	7.160	8.285	7.641	8.313	8.298	8.545	10.549	11.401
	TOTAL OBS	930	846	930	900	926	900	930	930	900	930	900	930	10952
	MEAN	20.2	25.8	27.7	30.2	37.2	42.6	43.7	43.0	39.4	34.1	29.1	24.4	33.1
ALL HOURS	S. D	12.364	8.918	8.291	7.300	6.752	7.119	7.771	7.136	8.178	8.211	8.847	10.388	11.534
	TOTAL OBS	7440	6768	7439	7198	7430	7198	7438	7438	7198	7440	7198	7439	87624

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA 7?-79 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	0-02	100.0	100.0	100.0	99.9	97.0	92.3	81.4	60.2	22.5	81.1	930
	03-05	100.0	100.0	100.0	99.8	98.3	92.0	82.6	61.9	23.5	81.5	930
	06-08	100.0	100.0	100.0	99.7	98.1	92.5	82.5	60.4	25.2	81.7	930
	09-11	100.0	100.0	99.9	99.1	97.5	91.5	80.6	57.3	23.5	80.6	930
	12-14	100.0	100.0	99.7	98.1	95.1	87.7	72.2	49.4	18.0	77.6	930
	15-17	100.0	100.0	99.9	98.0	94.7	87.7	70.0	49.8	18.1	77.6	930
	18-20	100.0	100.0	100.0	98.9	95.7	90.2	77.6	57.0	20.8	79.7	930
	21-23	100.0	100.0	100.0	99.4	97.3	92.2	79.1	59.4	21.9	80.6	930
TOTALS		100.0	100.0	99.9	99.1	96.7	90.8	78.3	56.9	21.7	80.1	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA 70-79 FEB

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%		
FEB	0-02	100.0	100.0	99.8	98.8	98.2	94.6	81.1	59.9	20.0	80.9	846
	03-05	100.0	100.0	100.0	98.6	97.8	94.4	85.2	64.9	24.7	81.9	846
	06-08	100.0	100.0	100.0	99.1	98.2	94.4	85.6	66.2	25.8	82.4	846
	09-11	100.0	100.0	99.9	98.8	97.3	91.5	75.7	51.7	18.9	78.9	846
	12-14	100.0	99.9	99.1	97.4	92.1	78.0	54.0	34.5	11.5	72.4	846
	15-17	100.0	100.0	99.1	96.3	90.0	72.2	48.9	32.0	9.8	70.6	846
	18-20	100.0	100.0	99.6	98.1	95.9	86.4	66.7	41.1	13.4	75.8	846
	21-23	100.0	100.0	99.5	98.6	97.2	93.1	77.4	52.8	18.3	79.1	846
TOTALS		100.0	100.0	99.6	98.2	95.8	88.1	71.8	50.4	17.8	77.8	6768

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	98.8	95.2	86.0	66.6	39.2	13.2	75.5	930
	03-05	100.0	100.0	100.0	99.4	95.8	87.5	73.9	49.8	16.8	78.0	930
	06-08	100.0	100.0	100.0	99.7	96.4	89.3	73.1	50.5	18.4	78.4	929
	09-11	100.0	100.0	99.7	95.2	84.7	66.9	43.7	23.5	8.7	68.1	930
	12-14	100.0	100.0	96.3	86.2	62.7	37.5	22.5	14.8	6.0	58.5	930
	15-17	100.0	100.0	95.5	81.2	57.0	34.1	21.6	16.3	5.9	56.8	930
	18-20	100.0	100.0	99.0	93.9	80.8	60.2	37.7	21.3	8.4	65.8	930
	21-23	100.0	100.0	100.0	98.3	89.8	76.1	53.5	30.9	11.6	71.6	930
TOTALS		100.0	100.0	98.8	94.1	82.8	67.2	49.1	30.8	11.3	69.1	7439

USAFETAC FORM JUN 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 70-79 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	95.6	86.3	68.1	42.2	23.9	6.4	68.0	900
	03-05	100.0	100.0	100.0	98.7	93.8	79.6	55.1	32.5	10.2	72.8	899
	06-08	100.0	100.0	99.9	97.7	90.9	73.6	50.7	30.5	10.0	71.1	899
	09-11	100.0	100.0	98.0	84.9	60.9	36.3	20.8	11.0	3.3	57.2	900
	12-14	100.0	99.2	86.4	60.3	34.4	19.4	12.1	4.9	1.9	47.6	900
	15-17	100.0	97.2	79.0	52.3	30.3	17.3	10.7	5.1	1.7	45.2	900
	18-20	100.0	99.2	88.3	70.8	49.3	31.8	18.9	9.4	2.6	52.8	900
	21-23	100.0	100.0	97.7	88.2	71.6	49.0	30.6	14.1	4.1	61.6	900
TOTALS		100.0	99.5	93.7	81.1	64.7	46.9	30.1	16.4	5.0	59.5	7198

USAFETAC FORM JUN 54 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114	FAIRCHILD AFB WA	70-79		MAY
STATION	STATION NAME		PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02	100.0	100.0	99.2	95.7	82.7	61.9	39.1	19.5	6.5	66.3	930
	03-05	100.0	100.0	100.0	98.2	93.0	80.5	56.6	30.4	11.7	72.6	930
	6-08	100.0	100.0	99.7	96.3	85.4	66.1	40.8	20.8	7.6	67.3	930
	9-11	100.0	99.8	95.3	74.9	49.8	29.1	16.3	8.3	3.1	53.4	929
	12-14	100.0	97.5	78.3	51.9	28.9	17.4	9.2	3.7	1.3	44.4	930
	15-17	100.0	95.8	68.9	40.6	23.2	14.1	9.4	3.4	1.1	41.3	928
	18-20	100.0	98.1	84.7	60.6	38.7	24.4	14.9	7.9	1.8	48.8	927
	21-23	100.0	100.0	96.9	86.2	66.0	43.8	28.9	13.3	4.5	59.8	926
TOTALS		100.0	98.9	90.4	75.6	58.5	42.2	26.9	13.4	4.7	56.7	7430

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA | 69-78 | JUN
STATION / STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	0-02	100.0	100.0	99.3	91.6	73.5	52.3	32.3	14.6	3.2	62.4	898
	3-05	100.0	100.0	99.6	98.1	91.9	74.0	49.2	24.0	4.8	69.8	900
	6-08	100.0	100.0	99.3	95.0	79.4	53.9	33.3	12.7	3.1	63.2	900
	9-11	100.0	99.2	89.4	64.6	38.3	19.8	12.3	4.0	.8	48.5	900
	12-14	100.0	92.3	66.7	37.7	19.2	11.3	6.6	2.7	.8	39.4	900
	15-17	100.0	86.1	52.6	28.0	16.0	10.9	7.1	3.2	.3	36.2	900
	18-20	100.0	94.4	69.4	44.2	24.8	14.4	9.3	4.0	1.4	41.8	900
	21-23	100.0	99.7	93.7	75.6	51.2	33.2	19.2	8.2	2.0	54.0	900
TOTALS		100.0	95.5	83.8	66.9	49.3	33.7	21.2	9.2	2.1	51.9	7198

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	99.4	92.2	71.0	45.8	28.8	17.7	8.1	2.4	52.2	930
	03-05	100.0	100.0	98.4	89.6	68.0	46.6	27.4	11.0	3.5	60.2	930
	06-08	100.0	100.0	97.1	81.3	54.8	32.4	16.3	7.1	1.8	54.7	929
	09-11	100.0	97.2	70.8	39.0	20.5	9.8	5.2	2.4	.6	40.2	929
	12-14	100.0	77.1	40.8	19.9	8.8	5.2	2.5	1.4	.3	31.1	930
	15-17	99.7	62.0	29.6	15.4	8.3	4.7	2.6	.5	.3	27.8	930
	18-20	99.8	77.0	41.4	22.6	13.3	7.5	4.4	1.4	.3	32.4	930
	21-23	100.0	96.7	74.2	46.2	27.3	17.5	10.3	4.9	1.1	43.4	930
TOTALS		99.9	88.7	68.1	48.1	30.9	19.1	10.8	4.6	1.3	42.8	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA 69-78 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	99.1	85.1	62.8	44.7	31.8	18.9	8.1	2.7	51.1	930
	03-05	100.0	100.0	96.9	81.5	64.6	47.4	29.1	12.3	4.7	59.4	930
	06-08	100.0	100.0	95.8	81.2	60.4	40.3	24.8	11.7	4.1	57.7	930
	09-11	100.0	95.8	72.8	47.3	26.7	14.2	7.8	4.1	1.6	42.8	929
	12-14	99.4	74.7	43.7	22.5	12.0	6.6	4.8	1.7	.3	32.4	930
	15-17	98.9	63.0	34.8	18.6	9.0	5.6	3.7	1.7	.5	29.1	929
	18-20	99.7	77.3	46.5	28.5	16.9	10.1	5.8	2.5	.3	34.4	930
	21-23	100.0	96.5	68.4	47.3	32.7	20.9	11.7	4.5	1.0	43.9	930
TOTALS		99.8	88.3	68.0	48.6	33.4	22.1	13.3	5.8	1.9	43.9	7438

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA 69-78 SEP
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%		
SEP	00-02	100.0	100.0	98.8	87.8	73.3	53.2	36.3	20.8	7.4	63.6	900
	03-05	100.0	100.0	99.9	95.7	85.9	68.2	51.9	29.4	11.8	70.1	900
	06-08	100.0	100.0	99.8	96.4	85.2	68.4	49.7	26.5	10.0	69.1	898
	09-11	100.0	99.9	91.4	71.0	46.7	29.2	17.0	8.3	2.8	52.2	900
	12-14	100.0	94.0	63.1	38.7	21.8	12.8	9.3	4.4	1.7	40.1	900
	15-17	100.0	89.4	51.8	31.7	16.6	11.2	8.7	3.6	1.4	36.9	900
	18-20	100.0	96.9	73.0	49.4	32.8	20.7	13.6	7.8	3.2	45.3	900
	21-23	100.0	99.7	92.4	73.4	51.8	36.2	22.7	13.3	5.6	55.2	900
TOTALS		100.0	97.5	83.8	68.0	51.8	37.5	26.2	14.3	5.5	54.1	7198

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 FAIRCHILD AFB WA — 69-78 — OCT
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%		
OCT	00-02	100.0	100.0	100.0	95.6	90.0	77.8	56.8	35.2	14.1	72.6	930
	03-05	100.0	100.0	100.0	98.6	94.2	86.5	71.6	47.7	20.1	77.8	930
	06-08	100.0	100.0	100.0	98.6	94.3	86.5	73.4	52.0	21.7	78.4	930
	09-11	100.0	100.0	97.5	90.8	76.8	56.9	36.2	19.8	7.7	64.4	930
	12-14	100.0	99.1	87.7	66.8	44.6	27.1	16.9	9.2	2.9	51.1	930
	15-17	100.0	98.0	84.0	62.5	39.0	25.7	16.7	9.7	2.6	49.4	930
	18-20	100.0	99.6	95.4	82.8	65.3	44.4	30.4	16.8	5.6	59.8	930
	21-23	100.0	100.0	98.6	94.1	80.1	62.3	44.1	25.4	10.2	67.2	930
TOTALS		100.0	99.6	95.4	86.2	73.0	58.4	43.3	27.0	10.6	65.1	7440

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (PERIOD) NOV (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.1	97.1	92.4	82.9	65.6	27.8	82.2	900
	03-05	100.0	100.0	100.0	99.4	98.2	93.1	86.2	68.7	32.9	83.5	900
	06-08	100.0	100.0	100.0	99.4	97.7	94.1	87.3	70.7	35.6	84.1	900
	09-11	100.0	100.0	100.0	98.6	94.8	88.7	76.8	58.8	27.4	80.2	900
	12-14	100.0	100.0	98.3	95.2	88.2	74.3	59.7	40.2	16.7	72.9	899
	15-17	100.0	100.0	98.9	95.3	89.6	78.8	62.4	42.0	17.9	74.2	900
	18-20	100.0	100.0	99.9	98.2	94.9	88.1	77.5	55.1	21.8	79.2	899
	21-23	100.0	100.0	100.0	98.8	95.8	91.0	81.1	60.4	24.7	80.7	900
TOTALS		100.0	100.0	99.6	98.0	94.5	87.6	76.7	57.7	25.6	79.6	7198

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-78 (PERIOD) DEC (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	99.7	98.5	96.7	90.2	72.9	29.1	84.1	930
	03-05	100.0	100.0	100.0	99.7	98.5	96.1	90.4	73.0	31.2	84.4	930
	06-08	100.0	100.0	100.0	99.8	98.3	96.5	92.3	74.0	31.2	84.7	930
	09-11	100.0	100.0	99.8	99.6	97.3	94.5	88.4	67.5	26.0	82.9	930
	12-14	100.0	100.0	99.7	99.2	96.0	89.9	75.2	55.2	19.8	79.1	929
	15-17	100.0	100.0	99.7	99.4	96.8	92.2	78.6	56.3	19.6	79.7	930
	18-20	100.0	100.0	99.9	99.5	97.8	94.5	85.9	66.7	24.7	82.6	930
	21-23	100.0	100.0	100.0	99.7	98.1	95.1	87.7	67.4	26.5	83.1	930
TOTALS		100.0	100.0	99.9	99.6	97.7	94.4	86.1	66.6	26.0	82.6	7439

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

24114 (STATION) FAIRCHILD AFB WA (STATION NAME) 69-79 (PERIOD) ALL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.9	99.1	96.7	90.8	78.3	56.9	21.7	80.1	7440
FEB		100.0	100.0	99.6	98.2	95.8	88.1	71.8	50.4	17.8	77.8	6768
MAR		100.0	100.0	98.8	94.1	82.8	67.2	49.1	30.8	11.3	69.1	7439
APR		100.0	99.5	93.7	81.1	64.7	46.9	30.1	16.4	5.0	59.5	7198
MAY		100.0	98.9	90.4	75.6	58.5	42.2	26.9	13.4	4.7	56.7	7430
JUN		100.0	96.5	83.8	66.9	49.3	33.7	21.2	9.2	2.1	51.9	7198
JUL		99.9	88.7	68.1	48.1	30.9	19.1	10.8	4.6	1.3	42.8	7438
AUG		99.8	88.3	68.0	48.6	33.4	22.1	13.3	5.8	1.9	43.9	7438
SEP		100.0	97.5	83.8	68.0	51.8	37.5	26.2	14.3	5.5	54.1	7198
OCT		100.0	99.6	95.4	86.2	73.0	58.4	43.3	27.0	10.6	65.1	7440
NOV		100.0	100.0	99.6	98.0	94.5	87.6	76.7	57.7	25.6	79.6	7198
DEC		100.0	100.0	99.9	99.6	97.7	94.4	86.1	66.6	26.0	82.6	7439
TOTALS		100.0	97.4	90.1	80.3	69.1	57.3	44.5	29.4	11.1	63.6	87624

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

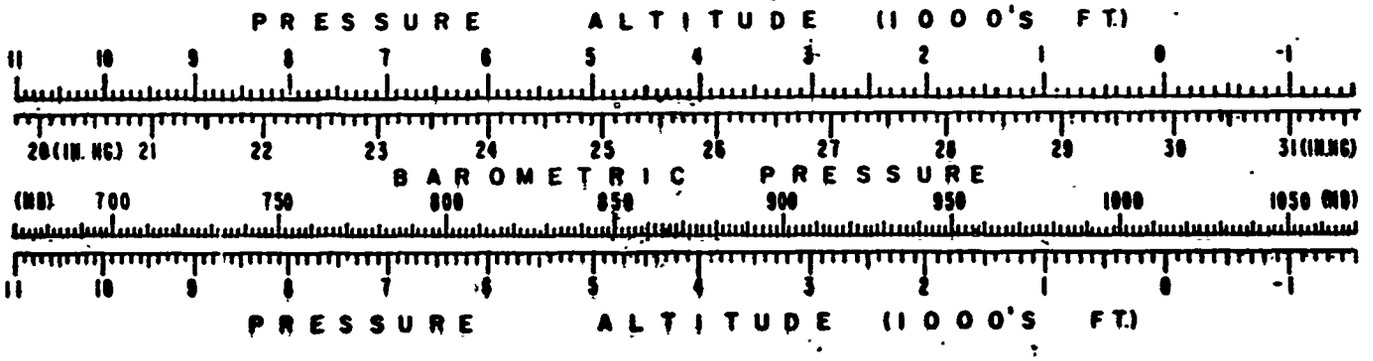
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



74-30067

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

24114 — STATION
FAIRCHILD AFB WA — STATION NAME
69-79 — YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN.	JUL.	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	27.43	27.409	27.346	27.366	27.370	27.357	27.398	27.374	27.415	27.461	27.437	27.409	27.398
	S D	.257	.230	.197	.174	.144	.118	.093	.093	.154	.180	.224	.276	.190
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
04	MEAN	27.428	27.407	27.344	27.370	27.379	27.368	27.410	27.384	27.420	27.462	27.434	27.404	27.401
	S D	.259	.233	.199	.176	.147	.118	.093	.094	.155	.181	.228	.245	.188
	TOTAL OBS	310	282	309	300	310	300	310	310	300	310	300	310	3651
7	MEAN	27.428	27.409	27.357	27.391	27.403	27.391	27.436	27.411	27.441	27.477	27.440	27.408	27.416
	S D	.260	.235	.202	.177	.150	.119	.093	.095	.157	.183	.231	.245	.189
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
10	MEAN	27.450	27.426	27.374	27.400	27.405	27.394	27.441	27.418	27.451	27.490	27.459	27.430	27.428
	S D	.257	.238	.202	.176	.150	.117	.092	.096	.158	.184	.233	.242	.189
	TOTAL OBS	310	282	309	300	309	300	310	310	300	310	300	310	3650
13	MEAN	27.425	27.410	27.355	27.379	27.387	27.377	27.422	27.395	27.429	27.464	27.440	27.407	27.407
	S D	.253	.235	.200	.170	.146	.116	.092	.095	.155	.183	.233	.239	.186
	TOTAL OBS	310	282	310	300	309	300	310	309	300	310	300	310	3650
16	MEAN	27.423	27.398	27.336	27.358	27.362	27.348	27.391	27.362	27.404	27.448	27.432	27.407	27.389
	S. D	.246	.231	.197	.168	.142	.117	.092	.094	.149	.179	.229	.236	.184
	TOTAL OBS	310	282	310	300	309	299	310	309	300	309	300	310	3648
19	MEAN	27.421	27.400	27.337	27.355	27.354	27.339	27.378	27.353	27.404	27.451	27.434	27.410	27.386
	S. D.	.246	.228	.196	.166	.139	.116	.092	.091	.150	.179	.228	.238	.184
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
22	MEAN	27.421	27.404	27.347	27.367	27.367	27.352	27.394	27.367	27.411	27.458	27.436	27.414	27.395
	S. D	.248	.228	.197	.169	.140	.116	.092	.092	.153	.180	.226	.244	.185
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
ALL HOURS	MEAN	27.428	27.408	27.349	27.373	27.378	27.366	27.409	27.383	27.422	27.464	27.439	27.411	27.403
	S. D.	.253	.232	.199	.172	.146	.118	.095	.096	.155	.181	.229	.246	.187
	TOTAL OBS	2480	2256	2478	2400	2475	2399	2480	2478	2400	2479	2400	2480	29205

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

24114 FAIRCHILD AFB WA 69-79

STATION STATION NAME YEARS

HRS (L S T)		JAN	FEB	MAR	APR.	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1019.4	1017.9	1014.9	1014.9	1014.2	1013.0	1013.8	1012.9	1015.4	1018.1	1018.5	1017.9	1015.9
	S D	10.204	8.801	7.394	6.611	5.430	4.612	3.599	3.599	5.860	6.853	8.531	9.544	7.401
	TOTAL OBS	310	282	310	299	310	300	310	310	300	310	300	310	3651
	MEAN	1019.4	1017.8	1014.9	1015.1	1014.6	1013.4	1014.3	1013.4	1015.6	1018.3	1018.4	1018.0	1016.1
4	S D	10.266	8.672	7.485	6.731	5.556	4.617	3.623	3.641	5.931	6.920	8.728	9.646	7.434
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1019.5	1018.1	1015.6	1016.0	1015.5	[illegible]	1015.2	1014.5	1016.6	1019.1	1018.8	1018.2	1016.8
7	S D	10.352	9.006	7.639	6.750	5.611	4.[illegible]	3.564	3.674	5.967	7.015	8.867	9.677	7.431
	TOTAL OBS	309	282	310	300	310	[illegible]	310	310	300	310	300	309	3650
	MEAN	1020.3	1018.6	1016.0	1016.2	1015.6	1014.3	1015.4	1014.6	1016.8	1019.4	1019.5	1019.1	1017.2
10	S. D	10.247	9.153	7.726	6.683	5.571	4.499	3.524	3.664	5.976	6.993	8.949	9.610	7.484
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	300	310	3651
	MEAN	1019.3	1017.9	1015.2	1015.4	1014.8	1013.7	1014.7	1013.7	1015.9	1018.3	1018.6	1018.1	1016.3
13	S D	10.041	9.008	7.562	6.479	5.448	4.452	3.522	3.669	5.807	6.962	8.898	9.448	7.346
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
	MEAN	1019.2	1017.5	1014.5	1014.7	1014.0	1012.7	1013.6	1012.6	1015.0	1017.7	1018.4	1018.2	1015.7
16	S. D	9.791	8.844	7.434	6.395	5.336	4.577	3.544	3.653	5.728	6.810	8.767	9.337	7.348
	TOTAL OBS	309	282	310	300	309	299	309	309	299	310	300	310	3646
	MEAN	1019.2	1017.7	1014.8	1014.7	1013.7	1012.3	1013.0	1012.3	1015.2	1018.1	1018.6	1018.3	1015.7
19	S D.	9.778	8.729	7.395	6.332	5.213	4.503	3.501	3.555	5.751	6.852	8.713	9.479	7.393
	TOTAL OBS	309	282	310	300	309	300	309	310	300	310	300	310	3649
	MEAN	1019.2	1017.8	1015.0	1015.0	1014.1	1012.8	1013.6	1012.8	1015.4	1018.3	1018.7	1018.5	1015.9
22	S. D.	9.848	8.718	7.468	6.408	5.244	4.494	3.560	3.606	5.823	6.878	8.661	9.661	7.381
	TOTAL OBS	310	282	310	300	309	300	310	310	300	310	299	310	3650
	MEAN	1019.4	1017.9	1015.1	1015.3	1014.6	1013.3	1014.2	1013.4	1015.7	1018.4	1018.7	1018.3	1016.2
ALL HOURS	S. D.	10.060	8.885	7.515	6.565	5.460	4.587	3.639	3.717	5.880	6.921	8.759	9.544	7.413
	TOTAL OBS	2477	2256	2480	2399	2476	2399	2478	2479	2399	2480	2399	2479	29201

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