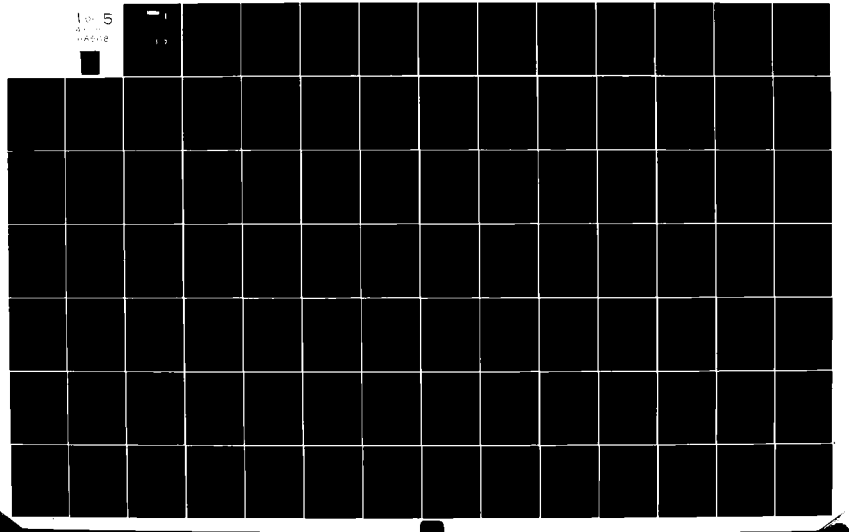
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SEATTLE TACOMA IAP, WASHINGTON. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

SEATTLE/ TACOMA IAP, WA MSC 727930
N 47 27 W 122 18 FLD ELEV 428 FT SEA

PARTS A-F
POR FROM HOURLY OBS: JAN 73 - DEC 81

POR FROM DAILY OBS: JAN 48 - DEC 81

TIME CONVERSION GMT TO LST: -8

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WAYNE E. MCCOLLOM
Chief, Technical Information Section
USAFETAC/TST

WALTER S. BURGMANN
AWS Scientific and Technical
Information Officer (STINFO)

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS- 82/038	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- SEATTLE/TACOMA IAP, WASHINGTON		5. TYPE OF REPORT & PERIOD COVERED Final rept. 6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s)		8. CONTRACT OR GRANT NUMBER(s)
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18. SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for SEATTLE/TACOMA IAP, 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)

DD FORM 1 JAN 73 1473

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

WASHINGTON SEATTLE/TACOMA IAP, WASHINGTON

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

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into a summary of the day observations. (Selects from record-special reports, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

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

A check (✓) in 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: 0000-0259, 0300-0559, 0600-0859, 0900-1159, 1200-1459, 1500-1759, 1800-2059, 2100-2359 hours local standard time.

MISSING HOUR GROUPS

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

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT.)	CALL SIGN	WMO NUMBER
727930	SEATTLE-TACOMA IAP WA	N 47 27	W 122 18	428	SEA	24233

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.	
	Seattle-Tacoma Arpt Adm Bldg	WBAS	02 Nov44	02 Oct47	N 47 26	W 122 18	400	402	24
	Same		03 Oct47	Dec 49	Same	Same	400	383	24
	Same		Jan 49	22 Nov55	N 47 27	W 122 18	400	451	24
	Same		23 Nov55	Oct 56	Same	Same	424	451	24
	Same		01 Nov56	17 Mar59	Same	Same	386	451	24
	Same	Same	18 Mar59	Nov 70	Same	Same	428	451	24
	Same	WSO	Dec 70	Jan 81	Same	Same	Same	Same	24
	Seattle-Tacoma IAP		Feb 81		Same	Same	Same	Same	24
	# Nov 81 last entry NWS stn history								

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	
	20 Jan50	Located on Tower	Elec		108.9 ft	
	15 Jun56	Same	Speed			
			Elec		112 ft	
			Speed			
	21 Nov59	Located on Field	Electric		20 ft	
			Speed			
			F420C			
	02 Feb65	Same	F420C		20 ft	Cardion Model 213
	30 Nov67	Same	F420C			
			F420C			
			F102/F005		20 ft	
	02 Dec69	Located on field	F420C	F312	20 ft	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
	Nov 81	Same	F102 F105 Same	Same	Same	

88-0079

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A

PART A WEATHER CONDITIONS

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

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

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

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

Thunderstorms - All reported occurrences of 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.

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

WEATHER CONDITIONS

[illegible]	SEATTLE/TACOMA IAP, WA	73-81	JAN
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.	0-[illegible]		21.3	.2	3.6		24.7	22.3	1.1	.1		24.2	825
	[illegible]-[illegible]		24.1	.4	3.9	.1	27.3	23.9		.1		23.9	828
	[illegible]-[illegible]		24.7	.4	2.9		27.8	24.8	.6			25.1	814
	9-11		23.6	.2	2.7		23.1	24.4	1.9		.1	25.[illegible]	827
	12-14		21.0		2.5		23.3	20.5	3.[illegible]			23.4	824
	15-17		21.7		2.5		24.1	17.9	4.[illegible]			20.8	825
	18-20		19.7		3.5		22.6	18.5	3.[illegible]			20.[illegible]	833
	21-23		18.1	.4	3.3		21.2	18.1	1.9			19.5	830
TOTALS			21.4	.2	3.1	.0	24.3	21.4	2.0	.1	.2	23.[illegible]	6613

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...S	SEATTLE/TACOMA IAP, WA	73-61	FEB

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.
...B	0-2		22.4		1.2		23.6	13.6	1.3			14.7	755
	3-5	.1	27.9		1.5		28.9	16.0	1.1			18.4	754
	6-8		24.7		2.0		26.2	19.6	.4			19.8	749
	9-11		19.6		.9		20.4	16.2	1.3			17.4	754
	12-14		22.0		1.3	.1	22.9	11.5	2.3			13.1	746
	15-17	.1	23.0		1.7		24.3	8.9	2.8			11.6	749
	18-2		24.2		1.7		25.4	12.7	3.2			14.7	748
	21-23		25.2		1.2		26.2	10.7	2.0			12.2	747
TOTALS		.2	23.6		1.4	.0	24.7	13.7	1.3			15.0	6002

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...3	SEATTLE/TACOMA IAP,WA	73-81	MAR

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	0-02		18.4		.2		18.5	6.4	.4			6.5	826
	03-05		19.0		.6		19.6	9.3	.2		.1	9.4	831
	06-08		20.2		1.4		21.1	14.1	.4			14.4	831
	09-11		19.8		.7		20.4	10.7	1.3			11.7	824
	12-14		18.8		.2		19.0	4.7	1.7			6.3	823
	15-17		19.2		.1	.1	19.2	3.5	.5			3.9	824
	18-20	.1	18.5		.2		18.8	3.2				3.2	821
	21-23		18.9		.5		19.1	3.6	.2			3.8	826
TOTALS		.1	19.1		.5	.0	19.5	6.9	.6		.0	7.4	6606

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[redacted] TAC
A[redacted] WEATHER SERVICE/MAC

WEATHER CONDITIONS

[redacted] STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 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.
[redacted]	[redacted]-3	.4	16.5		.4		16.6	4.1	.1			4.1	799
	[redacted]-6	.4	17.9		.1		18.0	6.9				6.9	794
	[redacted]-9		17.1		.3		17.1	12.3	.3			12.5	797
	[redacted]-11	.1	15.8		.1		15.6	7.5	1.4			8.8	804
	12-14	.1	13.4				13.4	2.1				2.1	794
	15-17	.1	13.9				13.9	2.3				2.3	798
	18-2[redacted]		15.8		.1		15.8	2.6				2.6	796
	[redacted]1-23		16.0				16.0	2.9				2.9	807
TOTALS		.1	15.8		.1		15.8	5.1	.2			5.3	6789

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WEATHER CONDITIONS

7 -3 | SEATTLE/TACOMA IAP,WA | 73-81 | MAY

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.
MAY	00-02		11.1				11.1	2.8				2.8	826
	03-05		16.1				16.1	5.0	.1			5.1	827
	06-08		15.8				15.8	8.4	1.0			9.0	818
	09-11		12.1				12.1	5.0	.6			5.6	824
	12-14	.2	13.0				13.0	2.9				2.9	816
	15-17		14.6				14.6	2.7				2.7	826
	18-20		12.8				12.8	1.3	.1			1.5	820
	21-23		12.1				12.1	2.5			.1	2.7	829
TOTALS		.0	13.5				13.5	3.8	.2		.0	4.0	6586

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WEATHER CONDITIONS

... | SEATTLE/TACOMA IAP,WA | 73-81 | JUN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	0-7		6.4				8.4	3.5				3.5	799
	8-10	.1	11.4				11.4	6.9	.2			7.1	801
	9-1P		12.6				12.6	11.3	.3			11.4	787
	9-11		11.1				11.1	5.8	.4			6.1	800
	12-14		8.4				8.4	2.8	.5			3.3	799
	15-17	.2	8.6				8.6	2.2	.1			2.4	801
	18-2		5.3				5.8	1.4	.4			1.8	793
	21-23		6.6				6.6	2.0				2.0	800
TOTALS		.0	9.1				9.1	4.5	.2			4.7	6387

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]5	SEATTLE/TACOMA IAP, WA	73-81	JUL

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	[illegible]0-02		4.0				4.0	2.3				2.3	832
	03-05		6.9				6.9	6.9				6.9	823
	06-08	.1	7.2				7.2	12.6	1.0			13.5	824
	09-11	.1	5.2				5.2	7.5	1.1			8.6	828
	12-14	.2	4.0				4.0	1.2	1.0			2.2	823
	15-17	.1	4.9				4.9	.5	.2			.7	821
	18-20	.1	4.6				4.6	1.1	.1			1.2	827
	21-23		3.6				3.6	1.2	.4			1.6	826
TOTALS		.1	5.1				5.1	4.2	.5			4.6	6604

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WEATHER CONDITIONS

...73 | SEATTLE/TACOMA IAP,WA | 73-81 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	.2	7.3				7.3	5.7	.5			6.1	824
	03-05		8.3				8.3	15.9	1.0			16.7	828
	06-08		13.7				13.7	28.0	2.0			29.1	814
	09-11		8.7				8.7	20.0	4.4			22.9	825
	12-14	.1	8.9				8.9	6.6	4.3			10.2	822
	15-17		9.1				9.1	4.4	1.8		.1	6.2	822
	18-20		6.8				6.8	4.5	.7			5.1	824
	21-23	.1	6.4				6.4	4.7	.6			5.0	826
TOTALS		.1	8.3				8.3	11.2	1.9		.0	12.7	6585

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

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

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...MS	SEATTLE/TACOMA IAP, WA	73-81	SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02		10.0				10.0	10.9	1.3			12.1	799
	03-05		12.2				12.2	18.0	1.3			19.2	796
	06-08		11.0				11.0	29.3	3.4			31.6	788
	09-11		10.1				10.1	18.1	3.6			21.3	801
	12-14	.1	9.4				9.4	6.3	4.2			10.3	794
	15-17	.1	10.8				10.8	5.3	1.8			7.0	799
	18-20	.1	8.9				8.8	3.6	1.3			4.9	797
	21-23	.1	7.8				7.8	4.5	1.5			5.9	796
TOTALS		.1	10.0				10.0	12.0	2.3			14.3	6370

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

SECTION CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 3-3 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 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		10.8				10.8	21.3	2.7			22.2	817
	03-05		14.7				14.7	30.8	1.5			31.3	817
	06-08		14.0				14.0	36.5	2.7			37.8	820
	09-11		13.2		.1	.1	13.5	28.6	7.2			32.8	823
	12-14		14.6				14.6	13.3	10.4			22.6	824
	15-17		15.3				15.3	10.4	5.5			15.8	830
	18-20		14.2				14.2	10.3	3.9			13.5	825
	21-23	.1	13.0				13.0	12.1	3.6			14.5	825
TOTALS		.0	13.7		.0	.0	13.8	20.4	4.7			23.8	6581

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

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...ETAC
...EATHER SERVICE/MAC

WEATHER CONDITIONS

... STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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	...-02	.1	21.2		1.5		22.6	23.8	1.9			24.7	787
	03-05		19.2		1.1	.1	20.5	25.4	.1			25.4	796
	06-08		21.1		1.0		22.1	27.1	.4			27.1	797
	09-11		20.8		.4		21.0	24.2	.9			24.4	794
	12-14	.1	18.8		.1	.1	19.1	16.8	4.5			19.5	796
	15-17		21.3		.8		21.9	14.0	4.0			16.8	795
	18-20	.1	25.0		1.2	.1	26.1	15.5	3.2			17.9	804
	21-23		22.6		2.0		24.6	19.4	4.1			21.9	800
TOTALS		.0	21.5		1.0	.0	22.2	20.6	2.4			22.2	6372

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

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A... WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
...	SEATTLE/TACOMA IAP,WA	73-81	DEC

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	0-02		24.0		1.5		25.3	19.8	.8			20.5	825
	3-05		26.1		1.7		27.2	20.3	.4			20.7	828
	06-08		26.6		1.1		27.3	20.7	.5			20.9	820
	09-11		24.8		1.2		25.9	20.3	.6			20.5	826
	12-14		27.8		1.7		29.0	22.2	.4			22.5	816
	15-17		25.7	.1	1.0	.1	26.5	20.1	.6			20.6	816
	18-20		23.2	.1	1.0		24.1	17.9	1.2			18.9	825
	21-23		24.9		1.1		25.7	18.1	1.6			19.1	822
TOTALS			25.4	.0	1.3	.0	26.4	19.9	.8			20.5	6578

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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

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WEATHER CONDITIONS

STATION	STATION NAME	YEARS	MONTH
[illegible]	SEATTLE/TACOMA IAP,WA	73-81	ALL

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		21.4	.2	3.1	.0	24.3	21.4	2.0	.0	.0	23.3	6603
FEB		.0	23.6		1.4	.0	24.7	13.7	1.8			15.0	6002
MAR		.0	19.1		.5	.0	19.5	6.9	.6		.0	7.4	6606
APR		.1	15.8		.1		15.8	5.1	.2			5.3	6389
MAY		.0	13.5				13.5	3.8	.2		.0	4.0	6586
JUN		.0	9.1				9.1	4.5	.2			4.7	6380
JUL		.1	5.1				5.1	4.2	.5			4.6	6604
AUG		.1	6.3				8.3	11.2	1.9		.0	12.7	6585
SEP		.1	10.0				10.0	12.0	2.3			14.3	6370
OCT		.0	13.7		.0	.0	13.8	20.4	4.7			23.8	6581
NOV		.0	21.3		1.0	.0	22.2	20.8	2.4			22.2	6372
DEC			25.4	.0	1.3	.0	26.4	19.9	.8			20.5	6578
TOTALS		.0	15.5	.0	.6	.0	16.1	12.0	1.5	.0	.0	13.1	77656

ORIGINAL DATA RECORDED IN SYNOPTIC CODE

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.

AL CLIMATOLOGY BRANCH
TAC
ATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

STATION	STATION NAME	YEARS	MONTH
	SEATTLE/TACOMA IAP, WA	48-81	ALL

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
[illegible]	DAILY	.5	65.7	1.4	27.4	1.2	76.1	56.5	18.1	.6		61.1	1054
[illegible]		1.4	6[illegible].7	.3	15.[illegible]	1.4	71.1	43.4	19.1	.1		54.4	961
[illegible]		1.7	55.9	.1	12.7	3.2	69.0	3[illegible].0	13.5			4[illegible].7	1054
[illegible]		2.2	62.9		3.3	1.9	63.3	30.4	11.6			34.6	[illegible]
[illegible]		2.7	52.9		.1	1.[illegible]	52.3	26.7	11.9			3[illegible].7	1054
J[illegible]		3.8	4[illegible].6			.2	49.6	27.6	10.1			30.7	1020
J[illegible]		3.0	31.1			.1	31.1	27.7	14.1		.1	31.7	1054
[illegible]		2.5	3[illegible].2			.2	38.0	42.5	27.4			49.1	1054
[illegible]		2.7	43.5		.2	.1	43.5	56.2	36.3			63.4	1020
[illegible]		.9	55.7		.4	.2	55.7	61.4	37.9			65.9	1054
N[illegible]		1.7	73.4	.5	5.9	1.3	71.6	65.8	24.1			64.1	1020
D[illegible]		1.1	73.7	.5	18.3	1.4	78.1	60.4	16.3	.3		64.3	1052
TOTALS		1.9	5[illegible].4	.2	7.[illegible]	1.[illegible]	58.3	44.5	20.[illegible]	.1	.[illegible]	49.2	12417

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ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

7[illegible] SEATTLE/TACOMA IAP,WA 48-81
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	23.9	14.6	3.3	9.6	8.4	15.2	12.5	9.3	3.1						61.5	1054	5.82	12.92	.84
FEB	38.9	14.6	4.6	9.2	8.2	13.5	12.3	7.3	1.6	.2					56.5	961	4.35	9.11	1.58
MAR	31.0	14.0	4.6	10.7	7.1	15.7	11.1	5.1	.6	.1					54.9	1054	3.69	8.40	.57
APR	35.7	17.1	4.2	10.4	9.4	10.9	8.6	2.3	.4						46.2	1019	2.41	4.19	.33
MAY	47.1	19.3	4.0	9.1	5.7	8.2	4.8	1.8	.1						33.7	1054	1.64	4.76	.38
JUN	50.4	19.1	4.4	8.0	4.9	7.4	4.0	1.7	.1						30.5	1020	1.39	3.82	.13
JUL	69.9	14.6	2.4	4.4	1.9	4.7	1.9	1.2							16.5	1054	.80	2.10	TRACE
AUG	62.7	15.0	2.7	6.5	3.8	4.9	3.2	1.4	.5						23.1	1054	1.26	4.59	.01
SEP	55.5	11.6	3.3	6.3	5.0	8.4	5.0	3.1	.8						32.0	1020	2.11	5.95	TRACE
OCT	44.3	12.6	3.2	6.5	5.7	12.1	8.3	5.8	1.3	.1					43.1	1054	3.61	7.75	.72
NOV	29.4	13.4	2.9	7.3	8.6	13.8	13.0	8.9	3.5	.1					58.1	1020	5.67	9.69	.74
DEC	21.9	12.8	4.5	8.6	7.7	18.2	14.5	8.4	3.5						65.3	1052	6.33	11.85	1.37
ANNUAL	41.7	14.9	3.7	8.0	6.4	11.1	8.3	4.7	1.3	.0					43.4	12416	39.08		

USAFETAC FORM 0-15-5 (OL A) OCT 75 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

STATION ... SEATTLE/TACOMA IAP,WA ... YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	.74	.43	2.74	.71	.88	.92	.44	.41	1.51	1.65	.97	.84	2.74
	.83	1.33	.68	.28	.31	.22	.54	.25	.77	1.17	1.36	1.27	1.83
	1.40	.83	2.02	.75	.23	.22	.36	1.20	.99	.93	1.17	.88	2.78
	1.13	2.98	.65	.54	.44	.07	.25	.76	.92	.83	.21	.58	2.98
	2.[illegible]	.74	.69	.7	.74	.32	.33	.38	.13	.76	.37	.77	1.90
	1.[illegible]	.63	.98*	.32	.51	.60	.50	.42	1.65	1.27	.99	1.19	1.65
	1.54	1.23	.83	.32	.61	.84	.75	.37	.46	.71	1.00*	1.10	1.64
	.83	2.58	.39	.76	.53	.40	.62	.08	.51	1.19	2.18	1.93	2.58
5	.23	.47	.61	.18	.44	.51	.29	.49	.58	1.27	.87	1.78	1.78
	.8	1.11	1.01	.44	.35	.40	.74	.61	.39	.89	.98	.96	1.11
	1.7	.78	.36	.78	.56	.62	TRACE	.11	.39	1.19	1.22	1.13	1.78
	1.3[illegible]	.67	.37	1.06	.49	.53	.25	.42	.81	.74	2.41	1.6[illegible]	3.81
	1.23	1.64	.65	.82	.66	.39	TRACE	.60	.52	1.24	1.64	1.23	1.64
	.97	1.55	.75	.3[illegible]	.8[illegible]	.34	.64	.56	.11	.56	1.17	.94	1.55
	1.2[illegible]	.36	.76	.61	.73	.21	.27	.61	.77	1.15	1.46	1.[illegible]	1.46
	.78	1.32	.70	.63	.45	.49	.41	.21	.22	1.29	1.27	.91	1.32
	1.37	.45	.2[illegible]	.36	.22	.83	.51	.52	.65	.34	1.50	1.28	1.[illegible]
	.3[illegible]	1.19	.18	1.85	.66	.44	.21	.88	.22	.63	1.16	1.27	1.85
	1.23	.72	.93	1.24	.76	.53	.51	.29	.86	.83	1.68	1.75	1.70
6[illegible]	2.2[illegible]	.83	.75	.36	.12	1.00	.01	.02	.31	1.23	.56	.83	2.26
[illegible]	1.1[illegible]	1.63	.79	.44	.70	1.75	.85	1.60	.56	.63	1.45	1.85	1.85
	.71	1.05	.58	.58	1.83	.56	.20	.17	1.27	.49	1.54	.83	1.83
	1.[illegible]	.94	1.18	.92	.69	.16	.30	.24	.71	.56	1.76	1.67	1.67
[illegible]	.[illegible]	.74	.94	.86	.31	.96	.24	.36	.66	.66	1.37	1.61	1.61
	1.66	2.23	2.70	.79	.24	.66	.64	.45	1.05	.36	.48	1.62	2.72
	1.27	.54	.62	.54	.46	.67	.05	.14	.42	1.18	1.46	1.26	1.48
[illegible]	1.[illegible]	1.[illegible]	1.29	.39	.23	.46	.51	.01	.16	.99	.80	2.14	2.14
[illegible]	1.[illegible]	1.76	.84	.67	.47	.23	.12	1.63	TRACE	1.24	1.74	1.75	1.76
[illegible]	1.13	.78	.51	.42	.40	.33	.57	.95	.63	.79	.25	.47	1.13
17	.5	.56	.63	.10	.97	.50	.22	1.49	.67	.67	1.46	1.55	1.55
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OLI)

...RAL CLIMATOLOGY BRANCH
...RAC
...THER SERVICE/MAC

2

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

STATION ____ STATION NAME ____ YEARS ____

...OF HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7	1.1	.74	.70	.6[illegible]	.41	.31	.75	.32	1.65	.75	1.[illegible]	.[illegible]	1.[illegible]
7	.7[illegible]	.72	.[illegible]2	.[illegible]	.73	.14	.6[illegible]	.7[illegible]	.71	.[illegible]4	.68	1.[illegible]	1.[illegible]
[illegible]	.[illegible]	.3[illegible]	.3[illegible]	1.[illegible]6	.[illegible]5	.37	.21	.34	.3[illegible]	.6[illegible]	1.[illegible]	1.22	1.26
[illegible]	.[illegible]1	.79	.56	.71	.41	.61	.65	.12	1.[illegible]4	2.[illegible]	1.33	.[illegible]5	2.[illegible]
MEAN	1.13[illegible]	1.089	.054	.621	.543	.528	.391	.507	.665	.9[illegible]4	1.2[illegible]	1.2[illegible]	1.8[illegible]
S. D.	.42[illegible]	.[illegible]13	.507	.333	.308	.31[illegible]	.232	.428	.418	.437	.566	.44	.54[illegible]
TOTAL OBS.	1[illegible]54	961	1[illegible]54	1[illegible]19	1[illegible]54	1[illegible]20	1054	1354	1020	1054	1020	1[illegible]2	12418

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUN 64 0.88-5 (OL.1)

[illegible] CLIMATOLOGY BRANCH
[illegible] SERVICE/MAC

EXTREME VALUES

XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

STATION | [illegible] STATION NAME | [illegible] YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[illegible]	[illegible]	[illegible]	[illegible]	4.76	2.09	1.93	1.97	[illegible]	2.33	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	1.18	1.30	.93	1.04	.42	1.43	3.25	6.76	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.74	.59	1.72	2.17	2.30	7.21	7.28	7.14	[illegible]
	[illegible]	3.70	3.70	[illegible]	1.61	.13	.31	1.22	2.13	5.67	[illegible]	[illegible]	[illegible]
	4.65	2.46	[illegible]	2.03	.89	1.04	.41	.7	.32	1.29	1.11	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]*	[illegible]	[illegible]	1.85	.69	1.11	3.29	4.43	7.22	[illegible]	*[illegible]
	[illegible]	4.33	[illegible]	[illegible]	1.89	2.44	1.46	1.57	1.69	1.91	7.67*	[illegible]	*[illegible]
	[illegible]	4.36	[illegible]	3.64	1.95	1.27	[illegible]	.17	1.52	6.68	[illegible]	[illegible]	46.61
	[illegible]	2.17	4.95	.73	.83	2.47	.33	.76	[illegible]	6.71	1.59	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	34.63
	[illegible]	[illegible]	[illegible]	[illegible]	.94	.93	TRACE	.31	1.42	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.93	.60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.54	.75	.82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.68	.69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35.79
	[illegible]	4.36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.73	.59	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.91	[illegible]	[illegible]	.99	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.59	.38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.27	.45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.48	.32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.69	.57	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	.69	[illegible]	[illegible]	[illegible]	[illegible]	.72	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.84	.27	[illegible]	TRACE	[illegible]	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	.63	[illegible]	[illegible]	[illegible]	[illegible]	.74	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]	.55	[illegible]	.54	.42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

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

EXTREME VALUES
XXXXXXXXXXXXXXXXXXXX
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

STATION | ATTU/ALEUTIAN TAP,AK | 44-51
STATION NAME | YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
?	[illegible]	3.39	2.48	4.19	1.72	.75	1.4[illegible]	1.19	5.95	.98	6.15	1.77	33.99
[illegible]	[illegible]	5.32	1.55	.71	.86	.46	.73	1.72	2.27	3.38	1.94	11.[illegible]	32.26
[illegible]	[illegible]	5.14	2.10	3.23	.97	1.79	.48	.64	1.43	1.32	7.16	7.39	35.65
[illegible]	2.42	4.45	7.23	1.54	1.73	2.31	1.38	.25	3.42	6.42	4.07	5.56	35.40
MEAN	5.[illegible]19	4.351	3.689	2.47	1.634	1.394	.801	1.264	2.107	3.612	3.674	6.[illegible]30	39.652
S. D.	2.760	1.676	1.693	1.075	.932	.866	.527	1.173	1.47[illegible]	1.96[illegible]	2.[illegible]35	2.[illegible]72	6.698
TOTAL OBS.	1054	961	1054	1019	1054	1020	1054	1054	1025	1054	1020	1052	12414

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

7 7930 SEATTLE/TACOMA IAP,WA 48-81
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	51-100	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	72.6	14.8	4.3	3.6	2.0	1.3	.6	.2	.4	.1	.1			12.5	1053	6.7	57.2	.0
FEB	85.3	10.8	1.4	.9	.7	.3	.2	.2	.1					3.9	961	1.7	13.1	.0
MAR	87.3	9.1	.9	1.3	.9	.2		.3						3.6	1054	1.5	18.2	.0
APR	96.3	3.2	.3	.2										.5	1019	.1	2.3	.0
MAY	99.9	.1													1054	TRACE	TRACE	.0
JUN	100.0														1020	.0	.0	.0
JUL	100.0														1054	.0	.0	.0
AUG	100.0														1054	.0	.0	.0
SEP	99.8	.2													1020	TRACE	TRACE	.0
OCT	99.6	.3			.1									.1	1054	.1	2.0	.0
NOV	94.1	4.0	.6	.6	.4	.1		.2						1.9	1020	.8	6.0	.0
DEC	81.7	12.3	2.0	1.8	1.1	.7	.2	.2	.3					6.1	1052	3.3	22.1	.0
ANNUAL	93.1	4.6	.8	.7	.4	.2	.1	.1	.1	.0	.0			2.4	12415	14.2		

USAFETAC FORM 0-15-5 OCT 75 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...SA, ...
...OF ... SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

7 _____ TTL, /TACOMA IAP, ,A _____ 48-,1 _____
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	1.3	3.6	TRACE	TRACE	.1	.1	.0	.1	.1	.1	TRACE	2.2	3.6
	.0*	4.6	.1	.1	.1	.1	.0	.0	.0	.0	.0*	3.1	4.6
	1.0*	.4	TRACE	TRACE	.1	.0	.0	.0	.1	.0	.0	.0	1.0*
	.0	.3	3.3	TRACE	.1	.0	.0	.0	.1	.0	.0	1.7	3.3
	.0	TRACE	TRACE	.1	.1	.0	.0	.0	.1	.0	.0	TRACE	.1
	TRACE	TRACE	TRACE	*TRACE	.1	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
	5.7	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	*TRACE	5.7
	TRACE	.0	.5	.0	.0	.0	.0	.0	.0	.1	4.6	4.7	4.7
	.1	4.2	1.4	.0	.0	.0	.0	.0	.0	TRACE	.0	2.6	4.2
	.4	3.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	TRACE	3.4
	.1	.0	TRACE	.0	.1	.0	.0	.0	.0	.0	.2	.1	.2
	.1	5.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.1
	1.1	.1	4.7	.0	.1	.1	.0	.0	.0	.0	5.2	.1	5.2
	.1	TRACE	1.7	.1	.0	.1	.0	.0	.0	.0	TRACE	.7	1.7
	.3	7.0	1.1	.1	.0	.0	.0	.0	.1	.1	.0	TRACE	7.0
	2.1	.5	TRACE	.0	.0	.0	.0	.0	.1	.1	1.1	TRACE	2.8
	.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.1	2.2	1.3	3.3
	.1	TRACE	TRACE	.1	TRACE	.0	.0	.0	.1	.1	.0	3.9	3.9
	1.7	TRACE	2.5	TRACE	.1	.0	.0	.0	.1	.0	.0	2.0	2.5
	5.1	TRACE	TRACE	TRACE	.1	.1	.0	.0	.0	.0	.0	2.6	5.9
	2.1	.0	.0	.3	.1	.1	.0	.0	.0	.0	.0	9.3	9.3
	14.9	TRACE	.0	.0	.0	.1	.0	.0	.1	.0	TRACE	.0	14.9
	TRACE	.0	TRACE	TRACE	.1	.0	.0	.0	.0	.0	TRACE	1.5	1.5
	3.3	1.5	1.3	TRACE	.1	.0	.0	.0	.0	2.0	TRACE	2.6	3.3
	7.9	.2	TRACE	1.2	.0	.0	.0	.0	TRACE	.1	TRACE	4.2	7.9
	1.7	TRACE	.0	TRACE	.0	.0	.0	.0	.0	.0	.2	.3	1.7
	3.1	TRACE	TRACE	.1	.0	.0	.0	.0	.0	.0	.0	8.8	8.8
	.6	TRACE	TRACE	.2	.1	.1	.0	.1	.0	.0	.6	2.0	2.6
	TRACE	.3	.2	TRACE	.0	.0	.1	.0	.1	.1	.0	TRACE	.3
	1.1	TRACE	.7	.1	.0	.1	.0	.0	.1	.1	1.6	TRACE	1.6
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

...AL CLIMATOLOGY BRANCH
...C
...SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION: ...TTL.../TACOMA TAP,WA* STATION NAME

48-81 YEARS

(24 HOUR AMOUNTS IN INCHES)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
7	TRACE	.6	TRACE	TRACE	.0	.0	.0	.0	.	.0	3.1	.2	3.1
8	.	.4	.	.	.0	.0	.0	.0	.0	.0	.0	1.2	1.2
9	4.4	2.3	.1	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.3	4.4
0	.	1.1	.0	.0	.	.0	.0	.0	.0	.0	.0	TRACE	1.1
MEAN	2.14	1.02	.27	.25	TRACE	.00	.00	.00	TRACE	.0[illegible]	.58	1.97	4.80
S. D.	4.285	1.778	1.451	.219	.000	.000	.000	.000	.000	.343	1.305	2.642	4.259
TOTAL OBS.	1 53	961	1 54	1319	1054	1020	1054	1054	1020	1054	1020	1052	12415

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

...TOLOGY BRANCH

...SERVICE/MSC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION	STATION NAME	YEARS
	SEATTLE/TACOMA IAP, WA	43-81

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	1.7	2.2	TRACE	TRACE	.1	.0	.0	.1	.0	.0	TRACE	.7	5.7
	9.3	13.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	23.2
	5.7	.4	TRACE	TRACE	.3	.1	.3	.1	.0	.1	1.6	2.1	10.6
	1.4	.5	16.2	TRACE	.1	.2	.2	.1	.1	.2	.7	5.7	27.4
	6.7	TRACE	TRACE	.1	.2	.0	.0	.2	.2	.1	.1	TRACE	6.7
	TRACE	TRACE	TRACE	*TRACE	.2	.2	.1	.1	.2	.1	TRACE	TRACE	*TRACE
	7.1	TRACE	5.3	TRACE	.1	.1	.1	.3	.2	.1	.3	*TRACE	* 27.7
	TRACE	3.2	1.2	.1	.2	.2	.1	.1	.2	.2	.2	5.2	25.5
	.1	5.4	3.3	.3	.3	.1	.1	.1	.1	TRACE	.3	.1	15.1
	7.1	7.2	.5	.3	.3	.3	.3	.2	.3	.1	.3	TRACE	14.7
	.1	.3	TRACE	.3	.1	.3	.1	.1	.1	.2	.2	.1	.7
	.1	6.5	TRACE	.1	.1	.2	.1	.1	.1	.1	TRACE	TRACE	9.7
	.1	.3	2.1	.3	.1	.2	.1	.1	.1	.1	5.2	.1	12.5
	.1	TRACE	.1	.1	.2	.1	.1	.1	.1	.1	TRACE	.9	2.7
	1.1	7.3	1.7	.3	.2	.3	.3	.1	.3	.1	.3	TRACE	9.7
	3.1	.5	TRACE	.3	.1	.2	.2	.2	.2	.1	1.3	TRACE	4.5
	.1	TRACE	TRACE	TRACE	.1	.1	.1	.1	.1	.1	3.3	7.6	11.4
	7.1	TRACE	TRACE	.3	TRACE	.1	.2	.2	.2	.3	.3	19.3	22.6
	2.1	TRACE	3.5	TRACE	.1	.1	.3	.3	.3	.1	.3	2.1	9.6
	5.9	TRACE	TRACE	TRACE	.2	.1	.3	.2	.2	.1	.3	3.6	9.5
	7.1	.3	.1	.1	.2	.1	.1	.3	.2	.2	.2	22.1	30.1
	45.4	TRACE	.3	.3	.3	.3	.1	.2	.1	.3	TRACE	.1	45.8
	TRACE	.1	TRACE	TRACE	.2	.3	.3	.3	.1	.3	TRACE	2.4	2.9
	9.1	2.2	1.9	TRACE	.3	.3	.1	.3	.3	2.3	TRACE	10.6	25.8
	14.1	.3	TRACE	2.3	.2	.1	.3	.3	TRACE	.1	TRACE	5.6	22.2
	.7	TRACE	.1	TRACE	.2	.2	.3	.3	.3	.3	.2	.3	4.2
	3.7	TRACE	TRACE	.3	.3	.1	.3	.3	.1	.2	.2	9.3	13.5
	1.3	TRACE	TRACE	.2	.3	.3	.2	.3	.1	.3	1.6	2.3	5.7
	TRACE	.5	.2	TRACE	.2	.3	.3	.1	.1	.2	.1	TRACE	.7
	1.2	TRACE	.9	.2	.3	.1	.3	.2	.1	.3	3.5	TRACE	5.4
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OLI)

[redacted] METEOROLOGY BRANCH
[redacted]
[redacted] SERVICE [redacted]

EXTREME VALUES

[redacted] MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME [redacted] YEARS _____

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV	DEC	ALL MONTHS
	[redacted]	•	TRACE	TRACE	•	•	•	•	•	•	•	•	[redacted]
	•	•	•	•	•	•	•	•	•	•	•	•	[redacted]
	•	•	•	TRACE	•	•	•	•	•	•	TRACE	•	11.7
	•	1.1	•	•	•	•	•	•	•	•	•	TRACE	1.1
MEAN	[redacted]	1.58	1.93	.19	TRACE	.01	.00	.00	TRACE	.16	.79	3.28	14.50
S. D.	12.442	3.191	3.549	.457	.000	.00	.000	.000	.000	.343	1.634	5.119	17.635
TOTAL OBS.	1153	961	1154	1019	1054	1120	1054	1054	1120	1154	1120	1152	12415

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
46-81 — YEARS

| | AMOUNTS (INCHES) | | |

...CLIMATOLOGY BRANCH

...SERVICE/MAC

EXTREME VALUES

...SNOW DEPTH

(FROM DAILY OBSERVATIONS)

STATION ___ STATION NAME SEATTLE/TACOMA [illegible] YEARS ___

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
		TRACE		TRACE								TRACE	*
											1	TRACE	16
		TRACE										1	4
													3
		TRACE									4		
	TRACE												4
													4
													3
												1	
	TRACE												
	TRACE	1									TRACE		1
											1	3	
	TRACE		TRACE								2	1	
												1	
		11											11
											TRACE	2	
		2	1							2	2	4	4
	11	4										3	11
		TRACE	TRACE								TRACE	TRACE	
	TRACE											1	
	1	1	TRACE								1	1	1
		TRACE	TRACE										TRACE
													1
MEAN													
S. D.													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT	NOV	DEC	ALL MONTHS
MEAN		1.2		.1								1.0	4.5
S. D.		2.405	1.657	.348							.343		
TOTAL OBS.		961		1019									12415

NOTE: * BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OLI)

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.

C

[redacted] CLIMATOLOGY BRANCH

[redacted] SPECIAL [redacted]

EXTREME VALUES

SURFACE [redacted]

(FROM DAILY OBSERVATIONS)

[redacted] STATION | [redacted] STATION NAME | [redacted] YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
7	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
MEAN	34.1	33.1	33.9	32.1	28.9	24.3	21.2	24.2	23.9	28.9	30.6	32.0	46.1
S. D.	7.514	8.031	7.271	4.[redacted]	5.578	2.962	1.986	4.764	2.667	4.841	9.131	5.354	5.984
TOTAL OBS.	279	254	279	270	279	270	279	279	270	310	300	310	3379

NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL-1)

† (BASED ON LESS THAN FULL MONTHS AND +1.0 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7793	SEATTLE/TACOMA IAP, WA	73-81	JAN
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	.1	3.9	2.3	1.0								7.3	7.0
NNE	.6	3.5	3.8	.9								8.8	6.8
NE	.5	3.4	1.2	.1								5.2	5.8
ENE	.1	1.6	.9	.4	.1							3.0	7.5
E	.4	7.3	7.6	1.2								16.5	7.2
ESE		5.4	3.8	2.0	.1							11.2	7.7
SE	.6	4.9	2.4	.2								8.2	6.1
SSE	.5	3.0	2.7	1.1								7.3	7.3
S	.5	2.2	3.8	4.8	1.0	.1						12.3	10.4
SSW	.1	.5	2.6	3.2	.7							7.1	11.1
SW		.5	1.3	.5	.2							2.6	9.3
WSW	.2	.6	.4	.1								1.3	6.1
W		.2										.2	4.0
WNW	.2	.1										.4	3.7
NW	.4	.2	.1									.7	4.8
NNW	.4	1.0	.2									1.6	4.9
VARBL													
CALM												6.2	
	4.6	38.4	33.0	15.4	2.2	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7793	SEATTLE/TACOMA IAP,WA	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.1	3.5	1.1								8.1	7.4
NNE		4.2	4.3	.4								8.9	6.9
NE	.8	2.7	1.2									4.7	5.4
ENE	.1	1.2	2.7	.1								4.1	7.1
E	.4	5.2	6.3	1.4	.1							13.4	7.3
ESE	.5	5.4	3.4	1.0								10.3	6.8
SE	.7	5.1	2.1	.4								8.2	5.9
SSE	1.2	4.7	2.2	.8								8.9	6.2
S	.7	2.8	4.3	4.2	.2	.1						12.4	9.2
SSW	.1	.5	2.2	3.3	.7	.1	.1					7.0	11.8
SW	.2	.2	.5	.1	.2	.1		.1				1.6	12.5
WSW	.1	.5	.1	.1								.8	6.3
W		.2	.1									.4	6.3
WNW	.1	.4										.5	4.5
NW	.2	.4										.6	4.4
NNW	.2	1.4	.4	.1								2.2	5.9
VARBL													
CALM												7.9	
	5.9	38.0	33.2	13.0	1.3	.4	.1	.1				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.2	3.3	3.8	1.2	.1							8.7	7.5
NNE	.6	3.4	4.4	.7								9.2	7.0
NE	.5	2.2	.9	.1								3.7	5.8
ENE	.2	1.4	.9	.2								2.7	6.7
E	.7	4.9	5.3	2.0								12.9	7.5
ESE	.9	5.7	3.9	1.2								11.7	6.7
SE	.1	5.2	2.6	.7		.1						8.7	6.8
SSE	.7	3.8	3.0	1.1								8.6	7.1
S	1.2	2.8	4.1	4.2	.6							12.9	9.0
SSW	.2	1.4	.9	3.2	1.1							6.8	11.5
SW	.1	.5	1.1	.5	.1	.1	.1					2.6	10.8
WSW		.9	.4	.2								1.5	6.8
W		.1	.1									.2	7.0
WNW	.2	.1										.4	3.0
NW		.4										.4	4.7
NNW	.1	.5	.6	.2								1.5	7.6
VARBL													
CALM												7.5	
	6.0	36.5	31.9	15.7	2.0	.2	.1					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 813

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)

7 793 (STATION) | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (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	.6	2.4	3.4	1.2								7.7	7.7
NNE	.2	4.1	3.8	.2	.2							8.7	7.2
NE	.2	2.3	2.0	.4								4.9	6.9
ENE	.2	1.3	.7	.5	.1							2.9	7.5
E	.2	4.9	5.1	1.2								11.5	7.2
ESE	.2	3.9	2.6	2.0	.1							8.8	7.8
SE	.5	6.2	4.0	.1	.1							11.0	6.3
SSE		4.1	2.3	1.1	.4							7.9	7.6
S	1.1	4.9	3.2	2.3	.6							12.1	7.9
SSW	.2	1.1	1.8	3.9	1.3	.1						8.5	11.9
SW	.5	1.7	.7	1.1	.7	.2						5.0	9.9
WSW	.2	.7	.1									1.1	4.8
W	.4	.9	.1									1.3	4.4
WNW	.1	.2										.4	3.7
NW	.1	.4										.5	4.3
NNW	.2	.6	.6	.1								1.6	6.3
VARBL													
CALM												6.2	
	5.2	39.9	30.5	14.1	3.7	.4						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 793C (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.4	2.3	4.6	1.8	.5							9.6	8.7
NNE	.4	2.0	4.4	1.3	.1							8.2	8.0
NE	.5	1.0	1.1	.4								2.9	6.8
ENE		.7	.4	.5								1.6	8.2
E		1.8	3.8	2.3	.2							8.2	9.1
ESE	.2	1.6	3.4	1.7	.1	.1						7.2	9.2
SE	.2	4.2	1.6	.5								6.5	6.4
SSE	1.0	3.3	1.8	.7	.1							7.0	6.5
S	1.0	4.8	3.2	2.3	.7							12.0	7.9
SSW	.2	3.3	4.0	4.6	2.3	.1						14.7	11.0
SW	.5	1.5	2.1	.9	.2	.2						5.4	9.3
WSW	.9	1.3	.2	.1								2.6	5.3
W	1.1	1.7	.1									2.9	4.3
WNW		1.5	.1	.1								1.7	5.1
NW	.2	2.0	.1	.1								2.4	5.3
NNW	.2	1.5	1.0	.1								2.8	6.0
VARBL													
CALM												4.4	
	6.8	34.3	32.0	17.6	4.4	.5						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 819

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)

7 7930	SEATTLE/TACOMA IAP,WA	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	5.1	5.8	1.7	.4							13.1	7.8
NNE	.6	3.4	3.2	.5								7.6	6.6
NE	.1	2.2	.8	.4								3.5	6.3
ENE		1.3	.7	.6								2.7	7.5
E	.2	2.4	5.2	1.9								9.8	8.2
ESE	.1	1.5	3.0	2.1	.2							6.9	9.5
SE	.2	1.8	1.0	.1								3.2	6.1
SSE	.1	3.3	2.4	1.3								7.2	7.4
S	.7	4.9	4.4	3.2	.5							13.6	8.4
SSW	.2	2.2	1.3	4.5	2.3	.4						10.9	12.3
SW	.7	2.2	1.0	1.0	.1	.1						5.1	7.7
WSW	.4	.6	.6	.2								1.8	6.7
W	.5	1.1	.1	.1								1.8	4.8
WNW	.5	1.1										1.6	4.3
NW	.4	1.0	.2									1.6	5.2
NNW	.6	1.6	1.0	.5								3.6	6.2
VARBL													
CALM												5.9	
	5.6	35.6	30.8	18.1	3.5	.5						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 824

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)

7`793C (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	4.1	4.5	1.1								10.1	7.0
NNE	.2	5.3	4.2	1.6								11.3	7.0
NE	.1	2.0	2.2	.2								4.6	6.7
ENE	.1	.8	1.3	.5	.1							2.9	8.3
E	.5	3.4	5.8	2.4								12.0	8.2
ESE	.5	2.5	2.4	3.1								8.5	8.8
SE	.4	3.2	1.7	.2	.1							5.7	6.6
SSE	1.1	2.5	2.6	.8	.2							7.3	7.2
S	1.1	1.8	4.6	4.2	1.0							12.6	9.9
SSW	.4	.8	2.3	3.6	.5	.2						7.8	11.4
SW	.2	.8	1.2	1.1	.7							4.1	10.9
WSW	.2	.5	.2	.2								1.2	6.8
W	.2	.2	.4									.8	5.7
WNW	.1	.5										.6	4.0
NW	.5	.8	.1									1.4	4.3
NNW	.1	.7	.8									1.7	6.0
VARBL													
CALM												7.2	
	6.3	30.2	34.3	19.1	2.6	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7:7930	SEATTLE/TACOMA IAP,WA	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.5	4.0	.8								8.8	7.2
NNE	.4	3.3	3.7	1.1								8.4	7.4
NE	.4	2.8	1.6	.2								4.9	6.0
ENE	.1	1.2	2.4	.7								4.5	7.7
E	.1	4.9	6.4	1.1								12.5	7.4
ESE	.4	4.1	3.7	2.7								10.9	8.0
SE	.6	6.0	2.3	.5								9.4	6.1
SSE	.7	3.1	2.1	1.4		.1						7.5	7.5
S	.4	2.5	4.6	3.5	.7							11.7	9.4
SSW	.4	1.1	1.6	3.6	1.4	.2						8.3	12.0
SW	.1	.5	.2	.6	.8							2.3	12.6
WSW		.4		.1								.5	6.8
W		.4										.4	4.3
WNW		.4		.1								.5	7.8
NW	.5	1.1	.2									1.8	4.7
NNW	.2	.8	.6									1.7	6.2
VARBL													
CALM												5.9	
	4.7	36.1	33.4	16.5	3.0	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 829

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)

7 '793' (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.5	4.0	1.2	.1							9.2	7.6
NNE	.4	3.7	4.0	.8	.0							8.9	7.1
NE	.4	2.3	1.4	.2								4.3	6.2
ENE	.1	1.2	1.2	.4	.0							3.1	7.5
E	.3	4.4	5.7	1.7	.0							12.1	7.7
ESE	.3	3.8	3.3	2.0	.1	.0						9.4	7.9
SE	.4	4.6	2.2	.3	.0	.0						7.6	6.3
SSE	.7	3.5	2.4	1.1	.1	.0						7.7	7.1
S	.8	3.3	4.0	3.6	.7	.0						12.5	9.0
SSW	.2	1.4	2.1	3.7	1.3	.2	.0					8.9	11.6
SW	.3	1.0	1.0	.7	.4	.1	.0	.0				3.6	9.9
WSW	.3	.7	.3	.2								1.4	6.1
W	.3	.6	.1	.0								1.0	4.7
WNW	.2	.5	.0	.0								.7	4.7
NW	.3	.8	.1	.0								1.2	4.8
NNW	.3	1.0	.7	.1								2.1	6.1
VARBL													
CALM												6.4	
	5.7	36.1	32.4	16.2	2.8	.3	.0	.0				100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 6584

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)

7793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.4	1.7	3.7	.3	.3							6.4	7.6
NNE	1.1	3.2	2.3	.1								6.6	5.8
NE	.3	1.9	.7	.4								3.2	6.3
ENE	.1	1.2	1.3	.1								2.8	6.9
E		5.2	6.1	.9								12.2	7.2
ESE	.3	4.9	5.3	1.1								11.5	7.1
SE	.4	5.4	2.9	.1								8.9	6.0
SSE	1.2	5.0	3.2	1.1								10.5	6.5
S	.3	3.8	5.3	5.4	.3		.3					15.4	9.7
SSW	.4	1.7	2.6	3.8	.5							9.1	10.0
SW		.7	1.5	.8		.3						3.2	9.9
WSW	.1	.1	.1	.1								.5	6.8
W	.1	.3	.3									.7	5.8
WNW	.3	.5	.1									.9	4.9
NW	.4	.3										.7	3.6
NNW		1.2										1.2	4.8
VARBL													
CALM												6.4	
	5.3	37.1	35.4	14.3	1.1	.3	.3					100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.3	2.7	2.5	1.1								6.5	7.5
NNE	1.1	3.3	2.8									7.2	6.1
NE	.7	2.4	1.1									4.1	5.6
ENE		1.3	.9									2.3	6.7
E	.9	5.6	3.6	.7	.1							10.9	6.6
ESE	1.1	4.8	4.4	1.7								12.0	7.3
SE	.9	6.1	3.1	.4								10.5	6.0
SSE	.7	5.2	2.8	1.2								9.8	6.6
S	.7	3.5	6.9	5.4	.7	.1						17.3	9.7
SSW	.3	.8	2.0	3.2	.9	.3						7.4	11.8
SW		.4	1.2	.7								2.3	9.1
WSW		.1	.5	.1								.8	9.7
W	.3	.8	.3									1.3	4.9
WNW	.3	.4										.7	3.8
NW	.1	.4	.1									.7	5.0
NNW	.4	.7	.7									1.7	5.3
VARBL													
CALM												4.6	
	7.6	38.4	32.8	14.5	1.7	.4						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727793	SEATTLE/TACOMA IAP,WA	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.2	2.8	1.1	.1							8.2	7.0
NNE	.8	2.9	2.7	.1								6.6	6.1
NE	.4	1.7	1.1									3.2	5.4
ENE	.1	1.5	.7									2.3	5.7
E	.1	5.1	4.7	.1								10.0	6.6
ESE	.4	3.9	3.6	1.3	.1							9.4	7.5
SE	.7	5.9	3.2	.9								10.7	6.5
SSE	.8	5.0	4.4	1.1								11.2	6.8
S	.8	3.7	5.5	4.7	.7	.1						15.5	9.2
SSW	.3	1.3	2.9	4.3	.4	.1						9.4	11.1
SW	.4	.9	1.3	1.1	.4							4.1	9.6
WSW		.3	.3	.3								.8	9.8
W	.4	.3										.7	3.6
WNW	.1	.1	.1									.4	5.0
NW		.3										.3	4.5
NNW	.1	.9	.1									1.2	5.1
VARBL													
CALM												6.0	
	6.4	37.1	33.5	15.0	1.7	.3						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7'793U	SEATTLE/TACOMA IAP,WA	73-81	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	.3	4.0	2.7	1.1	.1							8.1	7.2
NNE	.4	3.5	2.7	.3	.1							6.9	6.8
NE	.1	1.3	.9									2.4	6.0
ENE	.3	.8	1.1									2.1	6.9
E	.1	3.6	2.9	1.3								8.0	7.5
ESE	.3	2.1	3.5	.9								6.8	7.7
SE	.5	5.1	3.2	.7								9.4	6.6
SSE	.8	4.8	2.8	.8	.1							9.3	6.6
S	1.1	3.7	4.3	4.9	1.3							15.3	9.7
SSW	.7	2.7	3.2	5.2	1.6	.1						13.4	10.9
SW	.5	1.3	2.0	1.9	.5	.1						6.4	9.9
WSW	.1	.9	.7	.4								2.1	7.3
W	.1	1.1										1.2	5.0
WNW	.1	.3										.4	4.7
NW	.1	.5	.1									.8	5.3
NNW	.3	1.1	.7	.1								2.1	6.1
VARBL													
CALM												5.2	
	5.9	36.7	30.6	17.6	3.9	.3						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 752

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)

7 793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.3	2.2	4.0	1.8								8.2	8.1
NNE	.4	1.8	1.3	.5								4.0	6.8
NE	.3	.9	.7									1.9	5.6
ENE	.1	.8	1.1	.3								2.3	6.9
E	.3	2.3	2.2	1.1								5.8	7.5
ESE	.3	1.9	2.4	1.8								6.3	8.4
SE	.3	1.9	2.3	.3	.1							4.9	7.1
SSE	.4	2.7	1.1	.7	.1							5.0	6.9
S	.4	3.9	3.9	4.9	1.1	.1						14.3	10.0
SSW	.7	2.6	3.2	5.9	1.6	.4						14.4	11.3
SW		1.9	1.9	3.4	1.8	.4						9.3	12.3
WSW	.4	2.3	1.9	1.1	.4	.1						6.2	8.4
W		4.3	.4									4.7	5.3
WNW	.1	1.2	.8									2.2	6.1
NW	.3	1.5	.7	.3								2.7	6.4
NNW	.5	1.5	1.3	.7								4.0	7.2
VARBL													
CALM												3.8	
	4.7	33.6	29.2	22.5	5.1	1.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 742

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.9	5.2	1.6								8.7	8.4
NNE	.3	.9	1.3	.3	.1							2.9	7.6
NE	.1	1.9	.4	.4								2.8	6.4
ENE	.1	.8	1.3	.5								2.8	7.6
E	.1	1.1	3.1	.9								5.2	8.6
ESE	.3	.8	2.9	1.1								5.1	8.5
SE	.3	2.4	1.6	.1								4.4	6.1
SSE	.3	2.5	1.3	.3								4.4	6.4
S	.1	3.6	4.4	5.3	.5							14.0	9.5
SSW	.4	2.5	3.5	5.2	2.0	.3						13.9	11.3
SW	.3	2.1	1.7	3.2	1.3	.3						9.0	11.0
WSW	.8	1.3	1.5	.9	.4							4.9	8.3
W	.8	2.3	.5	.1								3.7	5.1
WNW	.3	1.9	.3									2.4	5.2
NW	.3	1.6	1.3	.3								3.5	6.7
NNW	.9	2.4	2.0	1.3	.3							7.0	7.9
VARBL													
CALM												5.2	
	5.3	30.1	32.5	21.7	4.7	.5						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 748

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP,WA	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.9	6.3	1.9								12.4	7.8
NNE	.8	2.4	2.3	.3								5.8	6.3
NE		.9	1.2	.3								2.4	7.4
ENE	.4	.8	.8	.7								2.7	7.8
E	.1	2.8	3.9	1.2	.1							8.2	8.0
ESE		2.7	2.9	2.7								8.3	8.6
SE	.3	4.0	1.7	.4								6.4	6.4
SSE	.4	2.5	2.8	.7								6.4	7.1
S	.5	5.2	6.8	5.2	.1	.3						18.2	9.2
SSW	.1	1.5	2.5	3.1	1.3							8.6	11.3
SW	.1	1.3	1.7	1.1	.3							4.6	9.1
WSW		.7	.4	.3	.1							1.5	8.6
W	.3	.4	.3									.9	5.3
WNW	.5	.5	.1									1.2	4.3
NW	.3	.7	.1	.4								1.5	6.5
NNW	.5	2.9	1.1	.1								4.7	5.9
VARBL													
CALM												6.3	
	4.8	33.3	35.1	18.2	2.0	.3						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 747

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727935 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.3	3.1	4.6	.8								8.7	7.5
NNE	.7	4.2	3.2	.4								8.4	6.5
NE	.7	1.2	.9									2.8	5.3
ENE	.1	.9	1.1	.4								2.5	7.2
E	.7	4.7	4.8	1.1	.1							11.4	7.2
ESE	.5	4.7	3.6	1.6	.3	.1						10.9	7.8
SE	.7	4.6	2.9	.3								8.4	6.2
SSE	.8	5.0	2.5	1.2								9.5	6.8
S		2.7	6.7	5.8	.7	.1						16.0	10.1
SSW	.7	2.1	1.7	3.2	.9	.1						8.8	10.4
SW	.1	.7	.9	.5	.1							2.4	8.8
WSW	.5	.5	.8									1.9	5.8
W	.1	.7										.8	4.3
WNW		.4										.4	4.0
NW		.5	.1									.7	5.4
NNW	.3	.5	1.1	.3	.1							2.3	7.9
VARBL													
CALM												4.0	
	6.2	36.5	35.1	15.5	2.3	.4						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 746

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)

7:793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.8	4.0	1.2	.1							8.4	7.7
NNE	.7	2.8	2.3	.3	.0							6.1	6.4
NE	.3	1.5	.9	.1								2.9	6.0
ENE	.2	1.0	1.0	.3								2.5	7.0
E	.3	3.8	3.9	.9	.1							9.0	7.3
ESE	.4	3.2	3.6	1.5	.1	.0						8.8	7.7
SE	.5	4.4	2.6	.4	.0							8.0	6.3
SSE	.7	4.1	2.6	.9	.0							8.3	6.7
S	.5	3.8	5.5	5.2	.7	.1	.0					15.7	9.6
SSW	.4	1.9	2.7	4.2	1.2	.2						10.6	11.0
SW	.2	1.2	1.5	1.6	.6	.1						5.1	10.5
WSW	.3	.8	.8	.4	.1	.0						2.3	8.1
W	.3	1.3	.2	.0								1.8	5.1
WNW	.2	.7	.2									1.1	5.1
NW	.2	.7	.3	.1								1.3	6.0
NNW	.4	1.4	.9	.3	.1							3.0	6.8
VARBL													
CALM												5.2	
	5.8	35.3	33.0	17.4	2.8	.4	.0					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 5990

USAFETAC FORM AUG 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)

727930	SEATTLE/TACOMA IAP,WA	73-81	MAR
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	3.3	.8								6.1	7.7
NNE	.5	5.2	4.8	1.0	.1							11.6	6.9
NE	.4	2.2	1.1	.1								3.8	6.0
ENE		1.0	.1	.1								1.2	6.0
E	.4	4.2	2.2	.5								7.3	6.4
ESE	.4	5.0	3.5	.7								9.6	6.8
SE	.1	5.2	2.8	.4								8.5	6.2
SSE	.6	5.3	4.0	1.2	.1							11.3	7.0
S	.4	4.4	7.6	3.8	.5							16.6	8.5
SSW		2.2	3.9	3.8	.4	.1						10.3	10.1
SW		.7	1.1	2.8	.6							5.2	11.9
WSW		.2	.5		.1							.8	8.6
W	.1	1.1	.1									1.3	4.9
WNW	.1											.1	3.0
NW	.1											.1	3.0
NNW	.2	.8	.2	.5								1.8	7.7
VARBL													
CALM												4.5	
	3.8	39.0	35.2	15.6	1.8	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 826

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)

7[illegible]93[illegible] (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.4	2.5	.7	.1							6.4	7.2
NNE	.4	4.1	2.2	1.1	.4							8.1	7.3
NE	.4	1.6	1.4									3.4	6.0
ENE		.7	.6	.1								1.4	7.3
E	.8	4.1	1.6	.2								6.8	5.7
ESE	.5	3.9	2.3	.4								7.0	6.2
SE	.3	6.0	2.8	.5								9.9	6.0
SSE	.2	7.7	3.5	.6								12.1	6.1
S	.6	6.3	7.5	4.3	.5							19.2	8.5
SSW	.5	1.3	3.1	3.3	.6	.1						8.9	10.3
SW	.1	.2	2.3	2.4	.4							5.4	11.0
WSW	.1	.8	.4	.5	.1							1.9	8.3
W	.4	.6	.1									1.1	4.2
WNW	.2	.5										.7	4.0
NW	.1	.2				.1						.5	8.8
NNW	.5	.5	.2									1.2	5.1
VARBL													
CALM												5.9	
	6.0	41.1	30.6	14.1	2.1	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 828

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)

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.1	2.5	2.3	1.2								6.2	7.9
NNE	.1	3.7	3.3	1.0								8.1	7.2
NE	.2	2.4	.6									3.3	5.6
ENE		.7	.6	.1								1.4	7.5
E	.4	2.5	.7	.1								3.7	5.8
ESE	.4	3.9	1.9	1.1								7.2	6.9
SE	.4	6.9	3.1	.7								11.1	6.3
SSE	.8	6.2	3.1	.8								11.0	6.4
S	.8	8.8	7.0	3.7	.6							21.0	7.9
SSW	.2	1.7	3.3	3.1	1.2	.2						9.8	10.9
SW	.2	1.6	1.0	1.3	.6	.1						4.8	10.0
WSW	.4	.8	.2	.5								1.9	6.8
W	.1	1.0	.1									1.2	4.8
WNW	.1	.2										.4	4.0
NW		.2	.1	.1	.2							.7	11.7
NNW	.7	.2	.7									1.7	5.3
VARBL													
CALM												6.5	
	5.1	43.4	28.1	13.9	2.7	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 829

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.5	2.7	4.6	2.7	.1							10.6	8.6
NNE	.6	3.3	2.8	1.9	.1							8.7	7.8
NE		.7	.4	.4								1.5	7.9
ENE	.1	.4	.4									.9	6.3
E	.2	1.7	.7	.2								2.9	6.2
ESE	.2	1.1	1.3	.4								3.0	7.2
SE	.5	3.5	2.2	.4								6.6	6.1
SSE	.2	3.8	3.2	.6	.1							7.9	6.9
S	.6	4.9	7.3	6.1	1.6	.1						20.5	9.7
SSW	.1	3.8	6.7	4.5	1.2							16.3	9.8
SW	.4	1.7	3.0	2.3	.7	.2						8.4	9.9
WSW	.2	1.0	.4	.7								2.3	8.0
W	.7	1.2	.4									2.3	4.9
WNW	.5	.7										1.2	4.4
NW	.5	.9			.2							1.6	6.5
NNW	.1	.5	.6		.1							1.3	7.8
VARBL													
CALM												4.0	
	5.6	31.7	33.9	20.2	4.3	.4						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 7933 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	1.5	3.5	3.8	.5							9.4	10.2
NNE		1.0	1.3	1.2								3.5	9.0
NE	.1	.7	.9	.2								2.0	7.1
ENE	.1	.2	.1									.5	5.8
E		1.2	1.2	.4		.1						2.9	8.2
ESE		.4	.6									1.0	7.5
SE	.2	1.3	1.0	.1								2.7	6.6
SSE	.2	2.1	.9	.7								3.9	7.2
S	.2	3.1	5.6	5.6	1.5	.5						16.5	10.7
SSW	.6	4.3	7.0	7.1	2.4	.1	.1					21.6	10.8
SW		2.1	3.9	3.2	.9	.1						10.1	10.2
WSW	.5	1.8	2.8	1.0	.4							6.5	8.0
W	.2	3.4	2.2									5.9	6.0
WNW		2.2	1.2									3.4	5.8
NW		1.5	1.5	.1	.2							3.3	7.6
NNW		2.2	1.6	1.0								4.8	8.1
VARBL													
CALM												2.0	
	2.4	29.0	35.3	28.4	5.9	.9	.1					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 818

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)

7[illegible]93[illegible] (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	2.7	3.9	.6							8.8	10.5
NNE		1.0	1.6	.5	.1							3.2	8.2
NE		.2	1.0	.6								1.8	9.9
ENE		.2	.4	.2								.9	8.4
E	.2	.7	1.2	.5								2.7	7.8
ESE		1.0	.6	.4								1.9	7.7
SE		1.5	1.0	.4								2.8	7.0
SSE	.4	1.2	1.3	1.0								3.9	8.2
S	.1	3.3	3.5	4.5	.2							11.7	9.5
SSW	1.0	3.3	6.7	6.6	1.9	.5	.1					20.1	10.7
SW	.1	1.9	5.2	3.3	1.5	.2	.2					12.5	10.9
WSW	.2	2.3	1.8	1.5	.5							6.3	8.7
W	.1	3.2	2.1	.4	.1							5.8	6.7
WNW		2.2	2.1									4.3	6.5
NW		1.7	1.8	.5								4.0	7.0
NNW	.1	.7	3.2	2.9	.5							7.4	10.2
VARBL													
CALM												1.8	
	2.6	25.8	36.2	27.0	5.5	.7	.4					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 821

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)

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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		2.8	7.7	4.3								14.8	9.0
NNE	.2	1.1	3.0	.4	.1							4.9	8.1
NE		1.2	1.0	.2								2.4	7.1
ENE		.2	1.1	.4								1.7	8.5
E	.2	1.6	1.3	.6								3.8	7.1
ESE		.9	1.6	.4	.1							2.9	8.0
SE		2.1	2.2	.1								4.4	6.8
SSE	.2	2.3	2.7	1.0	.1							6.3	7.5
S	1.0	6.0	3.9	3.4	.5	.2						15.0	8.5
SSW	.4	2.4	4.6	5.0	1.1	.2	.1					13.9	10.8
SW	.4	1.1	2.2	2.7	.1							6.5	9.9
WSW	.1	2.1	1.7	1.7								5.6	8.6
W	.2	1.7	.6	.4								2.9	6.6
WNW	.2	2.3	.1									2.7	4.9
NW	.5	1.1	1.0									2.6	5.6
NNW	.1	3.2	2.6	.4								6.2	6.6
VARBL													
CALM												3.4	
	3.7	32.1	37.3	20.9	2.1	.5	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — 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	.7	3.0	4.2	1.2	.2							9.4	7.6
NNE	.2	2.1	6.9	.8								10.0	7.8
NE		1.9	.8	.4								3.1	6.7
ENE		.6	.7	.4								1.7	8.1
E	.1	1.9	2.2	.2								4.5	6.8
ESE	.1	2.4	3.4	.6								6.5	7.4
SE	.1	4.2	2.4	.5								7.3	6.4
SSE	.5	5.4	2.4	1.3								9.7	6.8
S	.2	3.9	5.9	4.1	.4							14.5	9.1
SSW	.7	2.3	4.5	4.4	1.0	.1						13.0	9.9
SW	.5	1.0	3.4	3.0	.1							8.0	9.8
WSW	.2	.4	.5	.6	.2							1.9	9.4
W	.5	1.2	.1									1.8	4.5
WNW	.2	.4										.6	4.0
NW	.2	1.2		.1								1.6	5.4
NNW	.1	1.0	.5	.2								1.8	6.5
VARBL													
CALM												4.5	
	4.6	32.9	38.0	17.9	1.9	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 7937 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.3	2.2	3.9	2.3	.2							8.9	8.7
NNE	.3	2.7	3.2	1.0	.1							7.3	7.6
NE	.1	1.4	.9	.2								2.7	6.7
ENE	.0	.5	.5	.2								1.2	7.5
E	.3	2.3	1.4	.3		.0						4.3	6.6
ESE	.2	2.3	1.9	.5	.0							4.9	7.0
SE	.2	3.9	2.2	.4								6.7	6.3
SSE	.4	4.3	2.6	.9	.0							8.3	6.8
S	.5	5.1	6.1	4.4	.7	.1						16.9	9.0
SSW	.4	2.7	5.0	4.7	1.2	.2	.0					14.2	10.4
SW	.2	1.3	2.8	2.6	.6	.1	.0					7.6	10.4
WSW	.2	1.2	1.0	.8	.2							3.4	8.3
W	.3	1.7	.7	.1	.0							2.8	5.8
WNW	.2	1.1	.4									1.7	5.5
NW	.2	.8	.5	.1	.1	.0						1.8	6.9
NNW	.2	1.1	1.2	.6	.1							3.3	7.9
VARBL													
CALM												4.1	
	4.2	34.4	34.3	19.2	3.3	.4	.1					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 6591

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)

7.7930 (STATION) | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (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	.1	2.1	4.0									6.3	7.1
NNE	.1	4.5	4.0	.6								9.3	6.9
NE	.4	2.9	1.8	.1								5.2	6.3
ENE		.8	.1	.1								1.0	6.1
E		2.4	.8	.1								3.3	6.1
ESE	.6	3.9	1.8	.4								6.7	6.1
SE	.1	3.9	3.0	.6								7.7	6.9
SSE	.3	3.6	2.8	.5	.1							7.3	7.0
S	.6	7.9	9.8	2.8	.5							21.6	7.8
SSW	.4	2.4	5.9	3.4	.3	.3						12.6	9.5
SW	.1	1.8	1.0	.9	.1							3.9	8.1
WSW	.1	.8	.6	.1	.1							1.8	7.4
W	.3	1.5	.3									2.0	4.9
WNW	.1	.5	.1									.8	4.7
NW		.9										.9	4.7
NNW	.4	1.3										1.6	4.3
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	8.2	
	3.6	41.1	36.0	9.7	1.1	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 795

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)

7:793C	SEATTLE/TACOMA IAP,WA	73-81	APR
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	.3	1.8	2.5	.6								5.2	7.2
NNE	.5	3.7	3.7	.4								8.2	6.6
NE		2.6	1.1									3.8	5.8
ENE	.1	.6	.3	.1								1.1	6.1
E	.8	3.7	.8	.1								5.3	5.1
ESE	.6	3.2	2.1	.1	.1							6.2	6.3
SE	.1	7.1	2.6	.1								10.0	6.1
SSE	1.0	5.2	4.8		.1							11.1	6.2
S	.8	6.8	7.6	4.3	.5							19.9	8.2
SSW		2.0	4.7	2.4	.4							9.5	9.4
SW		.6	1.9	.8	.1							3.4	9.3
WSW		.9	.1	.3								1.3	7.3
W	.3	.8	.3									1.3	4.9
WNW	.4	1.0										1.4	4.1
NW		.6										.6	4.8
NNW	.3	1.4	.4									2.0	5.1
VARBL													
CALM												9.8	
	5.0	41.9	32.8	9.2	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 793

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)

727930	SEATTLE/TACOMA IAP, WA	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.5	3.0	.5								6.4	7.3
NNE	.3	2.9	3.6	.8								7.5	7.2
NE	.1	.9	1.0	.3	.1							2.4	8.0
ENE		1.3	.6	.3								2.1	6.8
E	.3	2.0	1.5	.3								4.0	6.2
ESE	.6	3.5	1.5	.3	.1							6.0	6.0
SE	.3	5.8	3.4									9.4	6.1
SSE	1.3	6.5	2.6	.9								11.3	6.1
S	.8	7.5	8.2	4.5	.6							21.6	8.4
SSW	.1	3.0	4.5	3.3	.3							11.2	9.0
SW	.3	1.8	1.0	1.3	.4							4.6	8.8
WSW	.1	.9	.1	.1								1.3	6.2
W	.9	.4	.1									1.4	4.0
WNW	.3	.8										1.0	4.1
NW		.8										.8	5.2
NNW	.4	2.0	.8									3.1	5.5
VARBL													
CALM												5.9	
	5.9	42.4	32.0	12.3	1.5							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7.7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	4.2	1.9	.1							7.7	8.8
NNE	.2	1.9	2.5	1.2								5.9	8.0
NE	.2	1.0	.9	.1								2.2	6.6
ENE	.1	.7	.5	.1								1.5	7.0
E	.2	.9	1.1	.4								2.6	7.3
ESE	.2	.9	.9	.2								2.2	6.7
SE		1.7	1.2	.4								3.4	6.7
SSE	.4	2.1	1.7	.2								4.5	6.6
S	.2	4.9	7.6	5.2	.4							18.3	9.0
SSW	.4	3.9	7.5	6.5	1.0							19.2	9.8
SW	.1	4.1	5.0	2.1	.1	.1						11.6	8.3
WSW	.4	2.2	1.2	.4	.1							4.4	6.7
W	.2	3.4	1.4									5.0	5.5
WNW	.2	1.9	.9	.1								3.1	5.6
NW	.2	.9	.6									1.7	5.6
NNW	.4	1.9	.7	.2								3.2	6.0
VARBL													
CALM												3.5	
	3.9	33.6	38.0	19.2	1.7	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 803

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED (KTS)
N	.8	1.1	3.8	1.9								7.6	8.5
NNE	.3	1.3	1.8	.9	.1							4.3	8.2
NE	.1	.3	.6	.3								1.3	7.9
ENE	.1	.8	.4	.3								1.5	6.9
E		1.1	.3									1.4	6.0
ESE	.1	.4	.5	.3								1.3	7.4
SE	.1	.4	.5	.5								1.5	8.6
SSE	.3	1.3	.5	.3	.1							2.4	7.0
S	.5	2.4	5.7	3.8	1.0							13.4	9.7
SSW	.1	3.0	7.2	7.7	1.0	.1						19.2	10.3
SW	.1	2.5	4.3	4.0	.5							11.5	9.7
WSW	.1	3.0	3.8	1.4	.3							8.6	8.1
W	.4	2.9	4.2	.4								7.8	7.0
WNW	.1	1.8	3.4	.6								5.9	7.5
NW	.1	1.4	2.4	.3								4.2	7.6
NNW	.1	2.0	2.9	2.0								7.1	8.5
VARBL													
CALM												1.0	
	3.4	25.7	42.2	24.5	3.0	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.1	1.1	4.3	2.8	.5							8.8	9.8
NNE		1.1	2.4	1.1								4.6	8.7
NE	.3	.8	.4	.3								1.6	6.2
ENE	.1	.3	.5									.9	6.6
E		1.1	1.0	.1								2.3	6.6
ESE		.6	.6	.3								1.5	7.8
SE	.1	.8	.8	.3								1.9	7.3
SSE	.3	.6	.5	.3								1.6	6.9
S		2.4	3.4	2.9	.8							9.4	9.8
SSW	.3	2.6	6.3	5.7	1.4	.3						16.5	10.7
SW	.5	1.9	4.9	5.3	.6	.1						13.3	10.0
WSW	.1	2.8	3.0	2.5	.3							8.7	8.8
W	.4	3.0	3.3	.3	.1							7.0	6.9
WNW	.1	1.4	3.0	.3								4.8	7.2
NW		1.8	3.6	.8								6.2	8.0
NNW	.1	1.3	3.8	3.9	.3							9.3	9.8
VARBL													
CALM												1.6	
	2.4	23.5	41.7	26.5	3.9	.4						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 796

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP,WA	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.1	8.2	3.4								14.7	8.6
NNE		1.4	3.8	1.5								6.7	8.4
NE		1.0	1.5	.4								2.9	8.0
ENE		1.1	.5									1.6	5.9
E		2.4	1.1									3.5	6.0
ESE		.9	1.4	.6								2.9	8.4
SE		.8	1.0	.4								2.1	7.6
SSE	.3	1.3	1.3	.6								3.4	7.7
S		3.3	4.9	1.4	.4							9.9	8.5
SSW		2.3	4.8	4.6	.4	.1						12.2	10.1
SW	.1	1.6	5.2	2.5	.3							9.7	9.3
WSW	.4	2.1	2.5	.9		.1						6.0	7.8
W	.3	3.4	.9	.3								4.8	5.7
WNW	.1	3.4	.5									4.0	5.3
NW	.1	1.9	1.3									3.3	5.8
NNW	.6	3.4	4.4	1.4	.1							10.1	7.3
VARBL													
CALM												2.3	
	2.0	33.3	43.1	18.0	1.1	.3						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 796

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.5	2.7	6.3	1.0								10.6	7.6
NNE	.2	5.3	7.5	2.1								15.2	7.6
NE		2.2	1.7	.2								4.2	6.7
ENE		.9	.6									1.5	6.4
E	.1	2.4	2.1	.2								4.8	6.6
ESE		2.0	1.7	.4								4.1	7.1
SE	.2	1.6	1.6	.5								4.0	6.8
SSE	.2	2.2	2.0	.7								5.2	7.1
S		5.0	8.3	3.2	.4	.1						17.0	8.8
SSW	.5	2.7	5.5	3.1	.2							12.0	8.8
SW	.1	1.5	3.4	1.7								6.7	8.6
WSW	.2	.4	1.4	.9								2.9	8.7
W		.9										.9	5.1
WNW	.4	.9										1.2	4.1
NW		1.1	.4									1.5	5.4
NNW	.7	2.0	1.1	.1								4.0	5.8
VARBL													
CALM												4.2	
	3.4	33.8	43.6	14.3	.6	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 805

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)

727930	SEATTLE/TACOMA IAP,WA	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.0	4.5	1.5	.1							8.4	8.2
NNE	.2	2.8	3.7	1.1	.0							7.7	7.6
NE	.1	1.5	1.1	.2	.0							2.9	6.8
ENE	.1	.8	.4	.1								1.4	6.5
E	.2	2.0	1.1	.2								3.4	6.1
ESE	.3	1.9	1.3	.3	.0							3.9	6.6
SE	.1	2.7	1.8	.3								5.0	6.6
SSE	.5	2.9	2.0	.4	.0							5.9	6.6
S	.4	5.0	6.9	3.5	.6	.0						16.4	8.6
SSW	.2	2.7	5.8	4.6	.6	.1						14.0	9.8
SW	.2	2.0	3.3	2.3	.3	.0						8.1	9.1
WSW	.2	1.6	1.6	.8	.1	.0						4.3	8.0
W	.3	2.0	1.3	.1	.0							3.8	6.1
WNW	.2	1.4	1.0	.1								2.8	6.1
NW	.1	1.2	1.0	.1								2.4	6.8
NNW	.4	1.9	1.8	1.0	.0							5.1	7.5
VARBL													
CALM												4.6	
	3.7	34.4	38.7	16.7	1.8	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 6376

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	4.0	2.9	.1								7.3	6.6
NNE	.1	4.6	5.5	.5								10.7	7.2
NE	.2	2.3	2.9	.2								5.7	6.8
ENE		1.0	.5									1.5	6.0
E	.4	1.6	.4									2.3	5.0
ESE	.2	2.7	1.2									4.1	5.9
SE	.1	3.3	1.9									5.4	6.1
SSE	.4	6.0	3.5	.1								10.0	6.2
S	1.2	11.6	10.0	2.9								25.7	7.0
SSW	.5	3.4	4.1	1.6								9.6	7.6
SW	.4	2.2	3.2	1.5	.1							7.3	8.1
WSW	.2	.6	.6	.5								1.9	7.6
W	.1	.5										.6	4.2
WNW		.4										.4	4.7
NW	.2	.5										.7	4.2
NNW	.1	1.5	.2									1.8	4.8
VARBL													
CALM												5.0	
	4.5	46.0	37.0	7.4	.1							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 822

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)

7[illegible]93[illegible] (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	3.9	.8	.1								5.3	5.4
NNE	.5	3.4	4.1	.1								8.1	6.8
NE		2.5	.5									3.0	5.6
ENE		1.0	.2									1.2	5.4
E	.5	2.1	.6									3.2	5.1
ESE	.7	5.3	1.0	.1								7.2	5.2
SE	.4	6.4	1.5									8.3	5.6
SSE	1.2	6.4	3.0	.2								10.9	5.8
S	.5	10.8	12.7	2.3								26.3	7.1
SSW	.7	3.6	3.8	1.8								10.0	7.5
SW	.4	2.3	.8	.6								4.1	6.7
WSW	.2	.8	.4									1.5	5.7
W		.4	.1									.5	6.0
WNW	.4	.2										.6	4.0
NW	.1	1.0										1.1	4.1
NNW	.5	.2										.7	3.7
VARBL													
CALM												8.0	
	6.6	50.5	29.6	5.3								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 824

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)

7 793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.6	2.2	3.2	.7								6.8	7.1
NNE	.6	2.3	2.6	.1								5.7	6.2
NE	.5	1.1	1.1									2.7	6.0
ENE	.4	1.1										1.5	4.3
E	.6	1.4	.4									2.3	4.8
ESE	.2	2.2	1.6	.1								4.2	6.0
SE	.5	3.0	2.3									5.8	6.0
SSE	1.1	6.7	2.7	.4								10.9	5.7
S	.9	11.1	11.6	4.3	.2		.1					28.2	7.7
SSW	.6	3.3	5.3	3.2	.1							12.6	8.5
SW	.1	1.6	1.8	.5								4.1	7.3
WSW	.2	2.2	.2	.1								2.8	5.0
W	.6	1.0										1.6	3.9
WNW		.9										.9	4.7
NW	.1	.9	.1									1.1	5.0
NNW	.2	1.2	.2									1.7	5.1
VARBL													
CALM												7.2	
	7.4	42.2	33.3	9.5	.4		.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7'7937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	2.8	2.9	1.6								7.7	7.9
NNE	.1	1.9	1.6	.2								3.9	7.0
NE	.1	.5	.6	.1								1.3	7.1
ENE	.1	.7	.2									1.1	5.3
E	.1	.5	.1									.7	5.2
ESE	.4	.6	.5									1.5	5.4
SE		.7	1.1	.1								1.9	7.4
SSE	.1	3.0	2.1	.1								5.3	6.3
S	1.1	4.3	7.8	3.9	.5							17.5	8.5
SSW	.7	3.6	7.8	6.3	.5							19.0	9.4
SW	.1	2.7	6.2	3.0	.2	.1						12.4	9.1
WSW	.5	3.8	3.2	.7								8.1	6.7
W	.2	3.8	1.7	.1								5.8	6.0
WNW	.5	2.9	1.0									4.4	5.4
NW	.2	2.1	.6									2.9	5.5
NNW	.4	1.7	1.8									3.9	6.1
VARBL													
CALM												2.6	
	5.1	35.6	39.1	16.3	1.2	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP, WA	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	3.1	1.7								5.9	9.0
NNE		1.5	.9	.2								2.6	7.0
NE	.1	.2	.7	.4								1.5	8.6
ENE			.1									.1	9.0
E		.2										.2	5.5
ESE	.1	.1	.1									.4	6.0
SE	.1	.7	.2	.2								1.4	7.4
SSE		1.4	1.7	.6								3.7	7.5
S	.1	3.7	5.4	3.6	.4							13.1	9.2
SSW	.1	2.3	8.5	6.6	.6							18.2	10.1
SW		2.7	5.0	5.2	.1	.1						13.1	9.9
WSW	.1	2.8	4.5	2.6	.2							10.3	8.9
W		3.4	4.7	.5	.1							8.7	7.3
WNW	.1	3.3	4.1	.2								7.7	7.0
NW		2.5	2.9	.2								5.7	7.0
NNW		1.1	3.3	1.7								6.1	8.9
VARBL													
CALM												1.2	
	1.0	27.0	45.3	23.8	1.5	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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		1.7	5.3	2.6	.1							9.7	9.3
NNE		.5	.4	.6								1.5	10.1
NE	.1	.1	.9	.1								1.2	8.4
ENE		.1	.2									.4	7.0
E	.1	.1	.2	.4								.9	9.1
ESE	.1		.5									.6	7.6
SE		.5	.7	.1								1.3	7.1
SSE	.2	1.2	1.6	.2								3.3	7.1
S	.4	2.9	5.2	1.8		.1						10.4	8.3
SSW	.2	2.4	6.2	6.8	.5	.1						16.3	10.3
SW	.4	1.8	6.3	4.6	.5							13.6	9.8
WSW	.1	3.5	4.1	1.9	.2							10.0	8.3
W	.4	4.3	4.9	.6								10.1	6.9
WNW	.2	2.7	3.0	.5								6.4	7.0
NW	.1	1.8	2.9	.6								5.5	7.8
NNW	.1	1.5	4.3	2.2								8.0	9.0
VARBL													
CALM												.9	
	2.6	25.2	46.8	23.1	1.3	.2						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 823

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.2	8.1	2.7								13.0	8.7
NNE	.1	.7	2.9	1.1	.1							5.0	8.9
NE		.6	.5	.1	.1							1.3	8.6
ENE		.4										.4	5.3
E		.9	.5									1.3	6.4
ESE		.7	.5	.2								1.5	7.3
SE		.7	1.5	.1								2.3	7.2
SSE	.2	1.0	.6	.4								2.2	7.1
S	.4	3.7	4.2	1.5								9.7	7.5
SSW	.4	2.6	4.8	4.5	.2							12.5	9.4
SW	.1	1.1	4.9	3.6	.6							10.3	10.2
WSW	.4	3.3	4.4	1.3	.1							9.6	7.8
W	.2	5.6	1.1	.1								7.1	5.4
WNW	.2	3.8	1.3									5.4	5.7
NW	.2	2.6	1.7	.2								4.8	6.6
NNW	.1	3.8	6.4	1.3								11.6	7.7
VARBL													
CALM												2.0	
	2.5	33.7	43.4	17.3	1.2							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 816

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)

727937	SEATTLE/TACOMA IAP,WA	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	5.1	6.9	.7								13.1	7.2
NNE		3.3	7.3	1.8								12.3	8.1
NE		1.1	1.5	.1								2.7	7.8
ENE	.1	.5	.5									1.1	6.6
E	.1	1.2	1.1									2.4	6.1
ESE		.7	.7	.2								1.7	7.1
SE	.1	1.7	.8									2.7	5.9
SSE	.1	3.5	2.3	.1								6.0	6.3
S	.7	5.8	6.0	1.3								13.9	7.1
SSW	1.0	3.9	6.4	3.1								14.4	8.1
SW	.8	3.1	4.6	3.1	.1							11.9	8.3
WSW	.5	1.6	1.2	.6								3.9	6.9
W	.2	1.3	.7									2.3	5.3
WNW	.5	1.0	.1									1.6	4.5
NW	.2	.8										1.1	4.4
NNW	.4	2.9	1.3									4.6	5.6
VARBL													
CALM												4.5	
	5.2	37.5	41.5	11.2	.1							100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.3	2.9	4.2	1.3	.0							8.6	7.8
NNE	.2	2.3	3.2	.6	.0							6.2	7.5
NE	.1	1.1	1.1	.1	.0							2.4	7.0
ENE	.1	.6	.2									.9	5.6
E	.2	1.0	.4	.0								1.7	5.6
ESE	.2	1.6	.8	.1								2.6	5.9
SE	.2	2.1	1.3	.1								3.6	6.2
SSE	.4	3.6	2.2	.3								6.5	6.2
S	.7	6.7	7.9	2.7	.1	.0	.0					18.1	7.7
SSW	.5	3.2	5.9	4.3	.2	.0						14.1	9.1
SW	.3	2.2	4.1	2.8	.2	.0						9.6	9.1
WSW	.3	2.3	2.3	1.0	.1							6.0	7.7
W	.2	2.5	1.6	.2	.0							4.6	6.3
WNW	.2	1.9	1.2	.1								3.4	6.2
NW	.2	1.5	1.0	.1								2.9	6.5
NNW	.2	1.7	2.2	.7								4.8	7.4
VARBL													
CALM												3.9	
	4.3	37.2	39.5	14.2	.7	.1	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 6560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP,WA	73-81	JUN
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	.6	5.3	4.5	.5								10.9	6.3
NNE	.4	5.9	7.6	2.3								16.2	7.6
NE	.5	1.8	3.1	.5								5.9	7.4
ENE	.1	1.0	.4									1.5	5.8
E	.1	1.3		.1								1.5	5.2
ESE		1.1	.6									1.8	5.9
SE	.1	2.3	1.1	.1								3.6	6.1
SSE	.8	4.4	1.1	.1								6.4	5.6
S	.5	10.5	6.4	1.5								18.9	6.6
SSW	.5	4.5	6.0	2.4								13.4	7.9
SW	.3	2.4	3.6	1.3								7.5	8.0
WSW	.1	.8	.5									1.4	6.2
W	.6	1.3										1.9	3.9
WNW	.3	.6										.9	4.0
NW	.1	.9										1.0	4.0
NNW	.4	1.8	.4									2.5	5.1
VARBL													
CALM												4.8	
	5.4	45.6	35.5	8.8								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	5.3	1.9									7.8	5.6
NNE	.5	4.1	4.8	.5								9.9	6.7
NE	.1	3.1	2.6	.1								6.0	6.4
ENE		.5	.4	.1								1.0	6.6
E	.4	1.5	.5									2.4	5.1
ESE	.4	2.1	.3	.3								3.0	5.8
SE	.3	4.8	.8									5.8	5.3
SSE	.8	6.5	2.0	.4								9.6	5.7
S	1.6	11.9	7.4	1.0								21.9	6.4
SSW	.4	4.0	4.5	1.0								9.9	7.3
SW	.3	2.8	2.8	.9								6.6	7.1
WSW	.1	1.4	.1									1.6	5.2
W	.3	1.3	.1									1.6	4.4
WNW	.9	.9										1.8	3.9
NW	.1	.5										.6	4.2
NNW	.4	2.0		.1								2.5	4.9
VARBL													
CALM												8.0	
	7.0	52.6	28.0	4.4								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 799

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)

7[illegible]93[illegible] (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.9	4.1	.9								9.0	6.7
NNE	.5	4.3	3.4	.9								9.2	6.9
NE		2.0	1.3									3.3	6.3
ENE	.1	.4	.1									.6	5.2
E	.5	2.2	.4		.1							3.2	5.4
ESE		.9	.5	.1								1.5	6.5
SE		3.2	.8									3.9	5.7
SSE	.4	6.1	2.2	.3								8.9	5.9
S	.5	10.8	10.6	2.2								24.0	7.0
SSW	.5	4.3	7.3	1.4								13.5	7.5
SW	.1	3.7	3.1	1.1								8.0	7.4
WSW	.5	2.8	.6									3.9	5.3
W	.5	1.7	.1									2.3	4.4
WNW	.3	.9										1.1	4.1
NW	.4	1.1										1.5	3.8
NNW	.6	.9	.1									1.7	4.2
VARBL													
CALM												4.2	
	6.1	48.2	39.5	6.9	.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 786

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)

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.3	1.9	4.6	1.0								7.8	8.1
NNE	.1	1.0	1.8	.6								3.5	8.3
NE		1.1	.4									1.5	5.7
ENE		.4										.4	5.3
E		.3										.3	4.5
ESE	.3	.5	.1	.1								1.0	5.9
SE	.5	.6	.6									1.8	5.4
SSE	.3	1.9	.8									2.9	5.5
S	.5	6.5	7.9	2.3	.1							17.3	7.4
SSW		4.9	9.9	4.5								19.3	8.5
SW		3.9	7.0	2.6								13.5	8.3
WSW	.3	5.0	2.6	1.0	.1							9.0	6.9
W	.8	5.4	1.9									8.0	5.5
WNW	.4	1.9	1.8									4.0	5.9
NW	.6	1.5	2.5									4.6	6.3
NNW	.8	.9	2.0	.3								3.9	6.7
VARBL													
CALM												1.3	
	4.6	37.6	43.9	12.4	.3							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 798

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)

7[illegible]93[illegible] (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.6	4.4	2.3								8.3	9.1
NNE	.1	1.0	1.0	.3								2.4	7.2
NE		.4										.4	5.0
ENE													
E	.1	.5	.5									1.1	6.6
ESE	.1	.4	.4									.9	5.7
SE	.1	.5	.3									.9	5.6
SSE		.9	.9	.1								1.9	6.3
S	.3	3.0	5.4	2.5								11.2	8.6
SSW		3.4	8.0	4.0								15.4	9.0
SW	.8	2.5	7.5	6.0	.4							17.2	9.6
WSW	.1	3.9	5.0	1.1								10.2	7.3
W	.8	5.6	5.5	.3								12.2	6.5
WNW		1.9	2.8	.4								5.0	7.3
NW	.1	2.1	3.6	.4								6.3	7.5
NNW	.1	1.5	2.9	1.6								6.1	8.7
VARBL													
CALM												.6	
	2.6	29.2	48.2	18.9	.4							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 797

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.6	5.1	2.6	.1							8.6	9.5
NNE	.1	1.1	2.1	.5								3.9	8.0
NE	.1	.1	.6	.1								1.0	7.8
ENE			.3	.1								.4	8.3
E	.1	.4	.1									.6	5.2
ESE	.1	.4	.1									.6	5.2
SE		.6	.5	.3								1.4	7.4
SSE		1.5	.6	.6								2.8	7.5
S	.3	2.3	4.9	1.5								8.9	8.2
SSW	.5	2.6	6.0	4.6	.4							14.1	9.4
SW	.4	2.6	6.8	5.8	.4							15.9	9.6
WSW	.1	3.5	4.5	1.6								9.8	7.7
W	.1	4.3	4.8	.6								9.8	6.9
WNW	.6	2.5	2.5	.3								5.9	6.6
NW	.1	2.6	3.4	.6								6.8	7.7
NNW		1.6	4.1	2.3	.1							8.1	9.0
VARBL													
CALM												1.5	
	2.8	26.8	46.4	21.5	1.0							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7[illegible]930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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		2.3	8.9	3.5	.1							14.8	8.7
NNE		.4	3.4	2.2								5.9	10.1
NE		.9	1.0	.1								2.0	7.2
ENE		.1	.3									.4	6.3
E		.5	.3									.8	5.8
ESE	.1	.5										.6	4.6
SE	.1	.9	1.5									2.5	6.9
SSE	.3	2.4	.5	.4								3.5	6.0
S	.1	3.4	3.0	1.3	.3							8.1	7.5
SSW	.4	2.4	5.3	3.2								11.3	8.7
SW	.1	2.4	6.1	4.2	.4							13.2	9.5
WSW		2.5	2.9	2.0								7.5	8.4
W	1.1	3.3	1.9	.3								6.6	5.7
WNW	.1	3.9	1.6									5.7	5.8
NW	.1	3.4	1.3									4.8	5.8
NNW	.1	2.2	6.5	1.4								10.1	8.1
VARBL													
CALM												2.2	
	2.7	31.5	44.4	18.5	.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 790

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

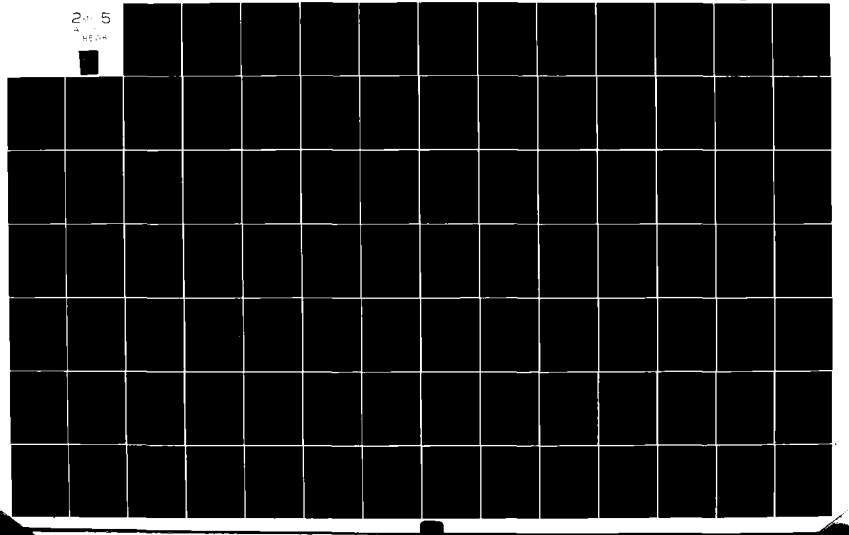
(CONDITION)

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	.3	4.8	10.8	1.3								17.0	7.6
NNE	.1	1.5	8.5	3.8								13.9	9.2
NE		1.1	2.0	.3								3.4	8.0
ENE		.5	.1									.6	5.2
E	.1	.1		.1								.4	6.3
ESE	.1	1.3	.5									1.9	5.4
SE		1.3	1.3									2.5	6.4
SSE	.1	2.9	.9	.1								4.0	5.9
S	.9	5.1	4.8	1.5								12.3	7.2
SSW	.3	3.6	9.0	3.9								16.8	8.6
SW	.3	3.1	3.3	1.5								8.1	7.8
WSW		2.0	1.9	.3	.1							4.3	7.2
W	.4	1.8	.1	.1								2.4	5.1
WNW		1.8	.1									1.9	4.7
NW	.4	2.3										2.6	4.5
NNW	.1	3.3	1.6									5.0	6.0
VARBL													
CALM												3.1	
	3.0	36.3	44.8	12.8	.1							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 800

AD-A118 508 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SEATTLE TACOMA IAP, WASHINGTON. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/038 SBI-AD-F850 197 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

73793	SEATTLE/TACOMA IAP,WA	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.1	5.5	1.5	.0							10.5	7.7
NNE	.2	2.4	4.1	1.4								8.1	8.0
NE	.1	1.3	1.4	.1								2.9	6.9
ENE	.0	.4	.2	.0								.6	6.0
E	.2	.8	.2	.0	.0							1.3	5.4
ESE	.1	.9	.3	.1								1.4	5.7
SE	.1	1.8	.8	.0								2.8	5.9
SSE	.3	3.3	1.1	.3								5.0	5.9
S	.6	6.7	6.3	1.7	.0							15.3	7.2
SSW	.3	3.7	7.0	3.1	.0							14.2	8.4
SW	.3	2.9	5.0	2.9	.1							11.3	8.7
WSW	.2	2.7	2.3	.8	.0							6.0	7.2
W	.6	3.1	1.8	.2								5.6	5.9
WNW	.3	1.8	1.1	.1								3.3	5.9
NW	.3	1.8	1.4	.1								3.5	6.4
NNW	.3	1.8	2.2	.7	.0							5.0	7.4
VARBL													
CALM												3.2	
	4.3	38.5	40.7	13.0	.3							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 6367

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)

7:793? STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	5.3	4.9	.7								11.6	6.7
NNE		7.0	9.9	1.7								18.6	7.6
NE		1.8	2.7	.4								4.8	7.6
ENE	.1	.7										.8	4.4
E		.5		.1								.6	6.4
ESE	.1	.7	.4									1.2	6.1
SE	.2	1.0	1.0									2.2	6.1
SSE	.5	3.9	.5									4.8	5.0
S	1.0	9.5	6.4	.4								17.2	6.2
SSW	1.0	4.7	5.4	1.0								12.0	6.7
SW	.4	4.8	2.4	.5								8.1	6.4
WSW	.6	2.4	.7									3.7	5.1
W	.8	1.9	.1									2.9	4.2
WNW	.5	.8	.1									1.4	4.2
NW	.2	.8										1.1	4.0
NNW	.2	2.2	.2									2.7	4.8
VARBL													
CALM												6.3	
	6.3	48.1	34.7	4.7								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 830

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.7	2.4	.1								7.9	6.1
NNE	.4	6.3	5.1	.7								12.5	6.6
NE	.4	2.4	1.3	.1								4.3	6.1
ENE		.5	.1									.6	5.4
E		1.2										1.2	4.9
ESE	.1	2.2	.5									2.8	5.3
SE	.2	2.9	1.2									4.4	5.8
SSE	1.1	5.2	1.1									7.4	5.0
S	1.9	11.5	4.6	.4								18.5	5.6
SSW	.9	6.3	3.2	.7								11.1	6.3
SW	.6	3.4	2.6	.1								6.7	6.0
WSW	.6	1.0	.2									1.8	4.6
W	.6	1.8										2.4	4.0
WNW	.6	1.2										1.8	4.3
NW	.5	1.1										1.6	4.1
NNW	.4	1.9	.2									2.6	4.7
VARBL													
CALM												12.5	
	8.9	53.8	22.6	2.2								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727937 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.2	4.5	2.9	.7								8.4	6.8
NNE	.2	4.1	6.1	.7								11.2	7.0
NE	.1	1.6	1.2	.1								3.0	6.1
ENE	.4	1.0	.1									1.5	4.9
E	.4	.6										1.0	4.1
ESE	.4	1.6	.4									2.3	4.9
SE	.6	2.8	1.7									5.1	5.5
SSE	.4	4.3	1.8									6.4	5.7
S	.7	10.9	7.5	.6								19.8	6.2
SSW	1.7	7.7	5.1	.7								15.2	6.3
SW	.6	4.5	3.2	.2								8.5	6.2
WSW	.5	2.8	.9									4.1	5.3
W	.9	1.9										2.8	4.0
WNW	.9	1.5										2.3	4.1
NW		1.3	.2									1.6	5.2
NNW	.4	.7	.1									1.2	4.3
VARBL													
CALM												5.5	
	8.3	51.8	31.3	3.2								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM JUL 60 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)

727937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	2.6	5.3	1.0								9.4	7.4
NNE	.1	1.7	2.9	.2								5.0	7.3
NE		.7	.6	.1								1.5	6.8
ENE		.2										.2	5.5
E		.2	.1									.4	5.7
ESE		.5	.2									.7	6.0
SE		1.0										1.0	4.8
SSE	.4	.7	1.1									2.2	5.9
S	.5	5.6	5.8	.6								12.5	6.9
SSW	.9	4.7	7.8	2.3	.1							15.8	7.6
SW	.5	5.0	6.8	1.8	.1							14.2	7.6
WSW	.6	6.0	2.4	.5								9.5	6.0
W	1.0	8.0	2.9	.1								12.0	5.7
WNW	.1	2.9	2.4									5.5	6.0
NW	.2	2.9	1.2	.1								4.5	6.2
NNW	.1	1.3	1.8									3.3	6.4
VARBL													
CALM												2.4	
	4.9	49.1	41.6	6.8	.2							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 823

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.0	5.0	2.2								8.2	9.2
NNE		.7	1.0	.2								2.0	7.4
NE	.1		.6									.7	7.7
ENE			.1									.1	9.0
E		.1	.1									.2	7.0
ESE		.2										.2	5.0
SE		.4	.1									.5	6.0
SSE		.9	.9									1.7	7.2
S	.1	3.2	4.1	1.3								8.8	7.6
SSW	.4	3.8	5.1	3.2								12.4	8.4
SW		3.8	5.7	1.8	.1							11.5	8.2
WSW	.1	3.3	6.5	.2								10.1	7.4
W	.5	6.8	9.1	.7								17.2	6.9
WNW		3.3	6.2	.7								10.2	7.5
NW		2.6	4.0	.6								7.2	7.4
NNW	.1	2.3	4.5	1.3								8.3	8.0
VARBL													
CALM												.6	
	1.3	32.3	53.2	12.4	.1							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 820

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)

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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		1.5	7.0	2.1								10.5	8.7
NNE		1.0	.7	.2								2.0	7.6
NE		.4	.5									.9	7.3
ENE		.2										.2	5.5
E		.1										.1	5.0
ESE			.2									.2	8.0
SE			.1	.1								.2	9.0
SSE	.2	.7	.6	.1								1.7	6.9
S		2.1	3.5	.7								6.3	7.8
SSW		3.2	3.8	2.3								9.3	8.4
SW	.2	3.1	5.6	2.9								11.8	8.5
WSW	.1	4.0	6.8	1.1	.1							12.2	7.4
W	.4	5.9	8.1	.4								14.7	6.9
WNW		3.9	5.5	1.0								10.4	7.4
NW	.1	3.3	4.0	.9								8.3	7.4
NNW		1.8	5.7	2.8								10.4	9.1
VARBL													
CALM												.7	
	1.1	31.1	52.3	14.7	.1							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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		3.4	10.8	1.5								15.6	8.0
NNE		1.6	2.2	.7								4.5	8.0
NE		.1	.6	.2								1.0	9.1
ENE													
E		.2	.2									.5	6.8
ESE		.2	.1									.4	7.0
SE	.1	.2	.5									.8	6.9
SSE		1.1	.4									1.5	5.8
S	.1	3.8	2.2	.2								6.3	6.2
SSW	.5	3.5	4.1	1.0								9.1	7.2
SW	.1	3.9	6.4	1.1								11.5	7.7
WSW	.2	4.6	3.4	.5								8.7	6.6
W	1.5	5.9	2.2									9.6	5.2
WNW		5.2	1.5									6.7	5.5
NW	.2	3.6	1.2	.2								5.3	5.6
NNW		4.7	11.4	1.6								17.7	7.8
VARBL													
CALM												1.0	
	2.8	42.1	47.1	7.0								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.1	7.0	11.3	1.2								19.7	7.2
NNE		3.2	8.9	2.8								14.8	8.6
NE		.7	1.7	.6								3.0	8.5
ENE		.2	.1									.4	5.7
E		.5										.5	5.0
ESE		.4	.2									.6	6.2
SE	.2	.9	.2									1.3	5.5
SSE		1.7	.5									2.2	5.4
S	.2	6.3	2.7	.1								9.4	5.9
SSW	.4	5.2	4.9	1.0								11.4	7.0
SW	1.0	4.3	3.2	.4								8.7	6.3
WSW	.7	4.0	1.5									6.2	5.6
W	2.3	2.8	.2									5.3	4.0
WNW	1.1	2.1										3.2	4.0
NW	.7	2.8	.1									3.6	4.7
NNW	.5	4.4	1.8									6.7	5.5
VARBL													
CALM												2.9	
	7.3	46.4	37.3	6.1								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?793? (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.8	6.2	1.2								11.4	7.5
NNE	.1	3.2	4.6	.9								8.8	7.6
NE	.1	1.0	1.2	.2								2.4	7.2
ENE	.1	.4	.1									.5	5.2
E	.0	.4	.1	.0								.6	5.3
ESE	.1	.7	.3									1.1	5.6
SE	.2	1.1	.6	.0								1.9	5.8
SSE	.3	2.3	.9	.0								3.5	5.6
S	.6	6.6	4.6	.5								12.4	6.4
SSW	.7	4.9	4.9	1.5	.0							12.0	7.2
SW	.4	4.1	4.5	1.1	.0							10.1	7.3
WSW	.4	3.5	2.8	.3	.0							7.0	6.4
W	1.0	4.4	2.8	.2								8.4	5.9
WNW	.4	2.6	2.0	.2								5.2	6.2
NW	.3	2.3	1.4	.2								4.1	6.3
NNW	.2	2.4	3.2	.7								6.6	7.3
VARBL													
CALM												4.0	
	5.1	43.7	40.0	7.1	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6586

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)

7'793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	4.9	3.6	.2								9.1	6.5
NNE	.6	4.3	5.2	1.7	.1							11.9	7.4
NE		1.9	1.9	.4								4.3	7.1
ENE	.6	.5										1.1	3.8
E	.1	.9	.1									1.1	4.7
ESE	.5	1.0	.6									2.1	5.2
SE	.2	1.3	1.5	.1								3.2	6.2
SSE	1.2	3.2	1.6	.1								6.1	5.6
S	1.2	11.3	5.7	1.1								19.3	6.2
SSW	1.3	7.2	5.6	.4								14.5	6.1
SW	.5	3.9	1.1	.2								5.7	5.8
WSW	.9	1.7	.2									2.8	4.6
W	.9	2.4										3.3	4.0
WNW	.5	1.1										1.6	4.1
NW	.6	1.0	.1									1.7	4.5
NNW	.9	1.1										1.9	4.1
VARBL													
CALM												10.3	
	10.3	47.6	27.4	4.3	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7.7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	1.2	4.2	1.9									7.4	5.6
NNE	.8	4.1	2.8	.7								8.5	6.6
NE		1.9	.5									2.4	5.8
ENE		.7										.7	5.2
E	.5	.8	.1									1.5	4.4
ESE	.4	1.9	1.3									3.6	5.9
SE	.6	2.8	1.3									4.7	5.5
SSE	1.5	4.6	1.7									7.7	5.2
S	1.7	12.8	6.2	1.6								22.2	6.2
SSW	1.5	5.2	4.4	.5								11.5	6.2
SW	.5	3.7	1.3	.1								5.7	5.6
WSW	.6	1.3	.2									2.2	4.4
W	1.5	1.1	.1									2.7	3.8
WNW	.6	1.0	.1									1.7	4.0
NW	.6	1.0										1.6	3.8
NNW	.2	1.6										1.8	4.4
VARBL													
CALM												14.1	
	12.1	48.9	22.0	2.9								100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727935	SEATTLE/TACOMA IAP, WA	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	3.3	2.4									6.2	5.8
NNE	.1	5.1	4.6	.1								9.9	6.6
NE	.2	1.4	1.0									2.6	5.9
ENE	.2	.5	.1									.9	4.7
E	.1	1.2	.1									1.5	5.0
ESE	.6	2.0	.9	.1								3.6	5.5
SE	.5	4.0	1.5									5.9	5.6
SSE	1.7	5.7	3.1									10.5	5.4
S	1.9	11.3	8.0	.5								21.7	6.2
SSW	.9	6.7	4.1	1.0	.1							12.7	6.7
SW	.2	3.5	2.6	.2								6.6	6.6
WSW	.6	2.1	.7	.1								3.6	5.3
W	.5	2.5	.1									3.1	4.3
WNW	.5	1.5										2.0	4.5
NW	.5	.6										1.1	3.8
NNW	.5	1.0	.2	.2								2.0	5.9
VARBL													
CALM												6.2	
	9.7	52.2	29.5	2.4	.1							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 808

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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		2.8	3.9	1.3								8.0	8.1
NNE	.1	1.9	2.2									4.3	6.7
NE		1.3	.7	.1								2.2	6.0
ENE		.5										.5	5.0
E		.5	.1									.6	5.8
ESE		.4	.4									.7	6.3
SE		1.1	.9									1.9	6.3
SSE		2.8	1.6									4.4	6.2
S	.6	6.1	6.6	1.6								14.8	7.1
SSW	.7	6.9	7.3	1.8								16.8	7.2
SW	.4	6.1	4.5	.9								11.8	6.8
WSW	.6	5.4	2.1	.5								8.5	6.2
W	.6	6.7	2.2									9.5	5.7
WNW	.2	4.0	1.8									6.1	5.7
NW	.4	1.9	1.3	.2								3.9	6.1
NNW	.1	1.6	1.7									3.4	6.5
VARBL													
CALM												2.6	
	3.8	50.0	37.2	6.4								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP, WA	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	4.0	2.0								7.1	9.1
NNE		.6	1.6	.5								2.7	8.5
NE	.1	.5										.6	4.8
ENE													
E	.2	.2	.1									.6	5.0
ESE	.1	.1										.2	3.5
SE	.2	.6	.7	.1								1.7	6.5
SSE	.2	.7	.6									1.6	5.9
S	.1	4.4	5.6	1.0	.1							11.2	7.3
SSW	.7	4.3	6.3	2.9	.4							14.6	8.3
SW	.4	3.9	5.9	1.7								11.8	7.9
WSW	.1	4.5	5.2	.6								10.5	7.0
W	.4	5.9	9.0	.2								15.5	6.8
WNW	.4	4.0	6.1	.9								11.3	7.5
NW	.1	2.0	3.7	.1								5.9	7.1
NNW		.9	2.1	.5								3.4	8.4
VARBL													
CALM												1.2	
	3.3	33.5	51.0	10.5	.5							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 820

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.2	6.9	2.7								12.0	8.6
NNE		1.0	1.3	.1								2.4	6.8
NE	.1	.4	.2									.7	5.8
ENE	.1	.2										.4	3.7
E	.1	.4	.1									.6	4.6
ESE			.2									.2	7.5
SE	.1	.6	.4	.1								1.2	6.2
SSE	.1	1.1	.5	.1								1.8	6.9
S	.2	3.3	3.6	1.3	.2							8.8	7.8
SSW	.2	2.9	4.4	2.3	.1							10.0	8.6
SW	.1	4.4	6.0	1.3	.2	.1						12.2	7.9
WSW	.5	4.9	5.1	1.1								11.6	7.1
W	.5	6.9	6.1									13.5	6.3
WNW	.5	3.6	4.4	.5								9.0	7.0
NW		1.8	1.9	.1								3.9	6.8
NNW	.1	2.1	5.0	3.3								10.5	9.0
VARBL													
CALM												1.2	
	3.0	35.8	46.2	13.0	.6	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 822

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)

727930	SEATTLE/TACOMA IAP,WA	73-81	AUG
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	.2	3.0	12.2	1.7								17.2	8.1
NNE	.4	.9	1.6	.7								3.5	7.6
NE	.1	.5	.4									1.0	5.9
ENE	.1	.1										.2	3.5
E		.4	.1									.5	6.0
ESE		.9	.2									1.1	5.4
SE	.2	1.8	.7									2.8	5.2
SSE	.2	1.7	1.2	.1								3.3	5.9
S	.4	4.9	2.3	.7								8.3	6.4
SSW	1.0	3.2	3.0	.9	.1	.1						8.3	7.3
SW	.7	3.4	4.1	1.0	.1							9.4	7.6
WSW	.5	4.0	3.0	.6								8.2	6.6
W	1.7	5.6	1.0	.4								8.7	5.1
WNW	.6	5.6	1.2									7.4	5.3
NW	.2	4.0	1.7	.1								6.1	5.7
NNW	.6	3.7	5.7	.5								10.5	7.2
VARBL													
CALM												3.5	
	7.1	43.7	38.7	6.7	.2	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	6.3	8.6	.7								16.1	7.0
NNE	.2	3.8	5.4	2.8								12.2	8.2
NE	.1	1.2	.8	.2								2.4	6.9
ENE	.4	.5		.1								1.0	5.3
E	.4	.7										1.1	4.0
ESE	.1	.4	.7									1.2	6.8
SE	.1	1.5	.7	.1								2.4	6.2
SSE	.7	2.3	1.0									4.0	5.3
S	1.5	8.7	4.0	1.0								15.1	5.9
SSW	.8	4.5	5.6	1.2								12.1	7.3
SW	.7	3.1	2.9	.6								7.4	6.7
WSW	.8	2.2	1.2	.1								4.4	5.7
W	1.1	3.1	.1									4.4	4.4
WNW	.5	2.1	.2									2.8	4.5
NW	.5	3.0										3.5	4.6
NNW	.1	2.7	.8									3.6	5.9
VARBL													
CALM												6.3	
	8.6	46.0	32.2	6.9								100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 826

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.4	3.5	5.5	1.1								10.4	7.5
NNE	.3	2.7	3.1	.8	.0							6.9	7.3
NE	.1	1.1	.7	.1								2.0	6.3
ENE	.2	.4	.0	.0								.6	4.6
E	.2	.6	.1									.9	4.8
ESE	.2	.8	.5	.0								1.6	5.7
SE	.3	1.7	1.0	.1								3.0	5.8
SSE	.7	2.8	1.4	.0								4.9	5.6
S	.9	7.8	5.3	1.1	.0							15.2	6.5
SSW	.9	5.1	5.1	1.4	.1	.0						12.6	7.2
SW	.4	4.0	3.5	.8	.0	.0						8.8	7.0
WSW	.6	3.3	2.2	.4								6.5	6.4
W	.9	4.3	2.3	.1								7.6	5.7
WNW	.5	2.9	1.7	.2								5.2	6.1
NW	.4	1.9	1.1	.1								3.5	5.8
NNW	.3	1.8	1.9	.6								4.6	7.3
VARBL													
CALM												5.7	
	7.2	48.7	35.5	6.6	.2	.0						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 6567

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	5.6	4.1	1.1								11.1	6.9
NNE	.6	5.9	6.5	1.9								14.9	7.2
NE	.3	3.3	2.8									6.3	6.3
ENE	.1	1.0	.5									1.6	6.2
E	1.3	2.6	.8									4.6	4.9
ESE	.6	3.5	1.1									5.3	5.5
SE	.4	3.9	2.4									6.6	5.9
SSE	.5	5.4	1.9									7.8	5.5
S	1.9	6.6	6.0	1.4								15.9	6.6
SSW	.8	2.6	2.9	1.0								7.3	7.2
SW	.4	1.9	1.6									3.9	6.1
WSW	.4	.3	.5									1.1	5.4
W	.1	.8										.9	4.7
WNW	.1	.9										1.0	4.1
NW	.8	.9										1.6	3.9
NNW	.1	.8	.4									1.3	5.4
VARBL													
CALM												8.9	
	8.5	45.8	31.4	5.4								100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 799

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)

727930	SEATTLE/TACOMA IAP,WA	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	5.3	2.9	1.3								10.4	6.5
NNE	1.0	4.9	5.4	1.4								12.7	7.1
NE	.6	2.6	1.5	.3								5.0	6.3
ENE	.3	.8										1.0	4.6
E	.6	2.3	.9									3.8	5.1
ESE	.3	3.5	1.0	.1								4.9	5.6
SE	.9	6.4	2.3									9.6	5.4
SSE	1.1	5.3	2.3									8.7	5.5
S	.9	9.4	6.0	.9	.1							17.4	6.6
SSW	.5	1.1	1.6	.5								3.8	7.5
SW	.1	.9	.9	.1								2.0	6.8
WSW		.4	.5									.9	6.4
W	.4	1.0										1.4	3.9
WNW	.1	1.1										1.3	4.2
NW	.1	1.3	.1									1.5	4.8
NNW	.5	1.6	.1									2.3	4.7
VARBL													
CALM												13.5	
	8.4	47.9	25.5	4.5	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 795

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)

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	5.6	5.4	1.4								13.2	7.2
NNE	.3	4.7	5.1	1.3								11.3	7.3
NE	.4	2.9	.9									4.2	5.4
ENE		.6	.5	.3								1.4	7.1
E	.9	1.8	1.1									3.8	5.5
ESE	.4	3.3	1.3	.1								5.1	5.7
SE	.6	4.7	2.9	.1								8.4	6.0
SSE	1.1	7.1	3.1	.1								11.5	5.6
S	.8	8.4	6.4	1.3								16.8	6.8
SSW	.4	2.7	1.7	.8								5.5	7.0
SW	.4	1.4	.5	.1								2.4	5.7
WSW	.1	.5										.6	4.0
W	.6	.6	.1									1.4	4.3
WNW	.3	.6	.1									1.0	4.5
NW	.4	.9										1.3	4.3
NNW	.9	1.4	.4									2.7	4.7
VARBL													
CALM												9.3	
	8.4	47.4	29.4	5.5								100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 785

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	4.8	10.3	4.3	.3							19.9	8.4
NNE	.1	2.5	3.8	.5								6.9	7.2
NE	.1	1.1	.6	.1								2.0	6.4
ENE	.4	.5	.1									1.0	4.3
E	.1	1.5	.3									1.9	5.0
ESE	.3	1.5	1.0	.4								3.1	7.0
SE	.4	1.3	1.4									3.0	6.0
SSE	.1	2.5	2.4	.3								5.3	6.8
S	.4	5.1	9.0	2.0								16.5	7.5
SSW	.5	3.9	4.6	1.8	.1							10.9	7.7
SW	.3	3.0	3.0	1.0								7.3	7.2
WSW	1.0	2.3	1.3	.1								4.6	5.4
W	.4	3.0	1.3									4.6	5.4
WNW	.1	2.4	1.0									3.5	5.9
NW		1.6	.5									2.1	5.8
NNW	.9	1.3	1.1	.1								3.4	6.0
VARBL													
CALM												4.0	
	5.4	38.2	41.6	10.5	.4							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 799

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)

7[illegible] (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.3	2.3	7.6	5.8								15.9	9.6
NNE	.1	1.5	2.9	1.4								5.9	8.5
NE	.1	.8	.4									1.3	6.2
ENE		.4										.4	5.0
E		.6	.3	.1								1.0	6.3
ESE	.1		.1									.3	6.0
SE		.5	.8									1.3	7.4
SSE	.3	.6	.9	.3								2.0	7.3
S		4.0	5.5	2.4	.3							12.2	8.4
SSW		3.2	4.3	2.9	.4							10.7	8.8
SW	.4	2.4	4.9	2.5								10.2	8.4
WSW	.1	3.5	3.9	1.4	.1							9.1	7.5
W	.3	6.1	2.9	.1								9.3	6.0
WNW	.4	2.4	3.8									6.6	6.8
NW		1.6	3.4	.1								5.2	7.4
NNW	.4	1.6	3.3	1.4								6.7	8.1
VARBL													
CALM												2.0	
	2.4	31.5	44.9	18.4	.8							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 793

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)

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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		2.1	7.3	5.5								14.9	9.7
NNE	.1	1.5	1.6	1.1								4.4	8.0
NE	.1	.9	.6	.1								1.8	6.6
ENE			.4									.4	8.7
E	.5	.9	.4	.1								1.9	5.6
ESE		.3	.6	.1								1.0	7.4
SE	.1	1.0	1.4	.1								2.6	7.0
SSE		1.0	1.5	.5								3.0	7.5
S	.4	6.0	2.5	1.3								10.2	6.8
SSW		2.9	5.0	2.8								10.7	8.7
SW		4.1	3.5	2.1								9.8	7.9
WSW	.1	2.4	2.3	.5								5.3	7.0
W	.6	4.9	1.9									7.4	5.6
WNW	.6	4.6	2.6	.5	.1							8.5	6.4
NW		2.1	2.1	.4								4.6	7.2
NNW		2.1	6.8	3.0								11.9	8.9
VARBL													
CALM												1.6	
	2.6	36.9	40.5	18.2	.1							100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	6.2	14.0	3.1								23.8	7.9
NNE		1.9	3.1	1.5								6.4	8.5
NE		.8	1.1									1.9	6.9
ENE		.8	.8	.1								1.6	7.2
E	.3	.9	.6									1.8	5.6
ESE	.1	1.1	.8	.1								2.1	6.5
SE	.1	1.4	1.5	.3								3.3	6.9
SSE	.3	2.3	1.3									3.8	5.8
S	.8	6.8	4.3	1.3								13.1	6.7
SSW	.9	3.0	3.0	1.5								8.4	7.5
SW	.4	2.1	2.8	.8								6.0	7.4
WSW	.4	1.4	.4	.1								2.3	5.6
W	.9	2.1	.1									3.1	4.3
WNW	.5	1.9	.1									2.5	4.6
NW		3.3	.5	.1								3.9	5.5
NNW	.4	3.5	4.8	.5								9.2	6.9
VARBL													
CALM												6.8	
	5.4	39.2	39.1	9.4								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 795

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)

7?793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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		4.9	7.2	1.4								13.5	7.5
NNE	.3	4.9	9.7	3.5								18.4	8.0
NE	.1	1.1	3.4	.1								4.8	7.2
ENE	.5	.9	.5									1.9	5.3
E	.3	1.4	1.0									2.6	6.1
ESE	.1	2.3	1.8	.1								4.3	6.4
SE	.1	3.6	1.3									5.0	5.8
SSE	.8	2.9	1.9									5.5	5.6
S	.8	7.2	5.2	1.0								14.1	6.6
SSW	1.1	2.4	3.9	1.1								8.6	7.2
SW	.4	1.4	1.3	.5								3.5	6.7
WSW	.3	1.8	.5	.1								2.6	5.9
W	.6	.6	.3									1.5	4.6
WNW	1.1	1.0										2.1	3.7
NW	.5	1.4	.1									2.0	4.2
NNW	.5	2.4	.1	.1								3.1	4.9
VARBL													
CALM												6.4	
	7.4	40.1	38.0	8.1								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	4.6	7.3	3.0	.0							15.4	8.1
NNE	.3	3.5	4.8	1.6								10.1	7.6
NE	.2	1.7	1.4	.1								3.4	6.4
ENE	.2	.6	.3	.0								1.2	6.0
E	.5	1.5	.7	.0								2.7	5.4
ESE	.2	1.9	1.0	.1								3.3	6.0
SE	.3	2.8	1.7	.1								5.0	6.0
SSE	.5	3.4	1.9	.1								5.9	5.9
S	.7	6.7	5.6	1.4	.0							14.5	7.0
SSW	.5	2.7	3.4	1.5	.1							8.2	7.8
SW	.3	2.2	2.3	.9								5.6	7.4
WSW	.3	1.6	1.2	.3	.0							3.3	6.5
W	.5	2.4	.8	.0								3.7	5.3
WNW	.4	1.9	1.0	.1	.0							3.3	5.8
NW	.2	1.6	.8	.1								2.8	6.0
NNW	.5	1.8	2.1	.6								5.1	7.1
VARBL													
CALM												6.6	
	6.1	40.9	36.3	10.0	.2							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 6358

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930	SEATTLE/TACOMA IAP, WA	73-81	OCT
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	.6	3.7	3.2	1.2								8.7	7.1
NNE	.1	3.7	3.6	1.8								9.2	7.9
NE	.6	2.9	2.6	.4								6.5	6.4
ENE	.1	1.3	.2									1.7	4.9
E	.4	3.1	1.1	.2								4.8	5.8
ESE	.7	5.8	2.5	1.0	.1							10.0	6.4
SE	.7	7.0	2.5	.5								10.7	5.9
SSE	1.0	6.5	2.3	.6		.1						10.5	6.1
S	.6	7.8	5.3	2.5	.1							16.3	7.2
SSW	.2	1.5	.9	2.2	.1							4.9	9.5
SW	.1	.2	.5	.7								1.6	9.2
WSW	.6	.7	.1									1.5	4.4
W		.5										.5	4.5
WNW	.4	.5										.9	4.0
NW	.6	.4										1.0	3.5
NNW	.5	1.2	.2									2.0	4.7
VARBL													
CALM												9.3	
	7.4	46.8	24.9	11.2	.4	.1						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.8	3.8	1.3								8.8	7.4
NNE	.9	3.6	2.5	2.6								9.4	7.8
NE	.5	2.3	1.0	.2								4.0	5.9
ENE	.1	.9	.4									1.3	5.4
E	.9	4.8	.6									6.3	4.9
ESE	.7	6.5	1.6	.5								9.3	5.8
SE	.6	8.1	4.0									12.8	5.8
SSE	1.5	5.8	2.3	.5								10.1	5.7
S	.4	5.5	5.2	2.3	.1							13.5	7.8
SSW	.7	1.1	2.0	.6	.1							4.5	7.7
SW	.1	1.2	1.2	.2		.2						3.1	8.1
WSW	.5	.7										1.2	4.4
W	.5	.9										1.3	4.0
WNW	.4	.6										1.0	4.0
NW	.1	.4										.5	4.0
NNW	.2	2.0	.2									2.5	4.7
VARBL													
CALM												10.3	
	9.0	47.1	24.8	8.3	.2	.2						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 815

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)

7?793J (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.9	4.2	2.4	2.7								10.1	7.8
NNE	.4	3.8	3.5	1.8								9.5	7.7
NE	.1	1.8	.5	.4								2.8	6.4
ENE	.4	.9	.1									1.3	4.5
E		3.2	1.0	.1								4.3	6.1
ESE	.6	6.4	2.4	.2								9.7	5.8
SE	.5	7.0	3.5	.2								11.2	6.0
SSE	1.3	6.4	3.5	.6								11.9	6.0
S	1.2	7.3	5.4	2.1								16.0	6.9
SSW	.7	1.3	2.2	1.6	.2							6.1	8.6
SW	.2	1.1	.2	.2								1.8	6.7
WSW	.1	.4										.5	4.0
W	.4	.4										.7	3.8
WNW	.1	.2	.1									.5	5.5
NW	.2	1.2	.1									1.6	4.6
NNW	.4	.9	.1									1.3	4.6
VARBL													
CALM												10.5	
	7.6	46.3	25.3	10.0	.2							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 818

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)

7 7930	SEATTLE/TACOMA IAP, WA	73-81	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	.1	4.4	4.6	3.0	.2							12.4	8.3
NNE	.1	2.7	3.5	1.6								7.9	8.1
NE	.1	1.3	1.0	.2								2.7	6.5
ENE	.1	.7	.2									1.1	5.2
E	.4	1.2	.7	.2								2.6	6.6
ESE	.2	2.6	1.5	.1	.2							4.6	6.9
SE	.5	4.3	3.5									8.3	6.2
SSE	.4	4.7	3.2	1.1								9.4	6.7
S	1.0	5.7	6.7	3.8								17.2	7.9
SSW	.6	3.5	3.5	2.6	.2							10.5	8.3
SW		2.6	1.9	.7								5.2	7.2
WSW	.4	1.2	.6									2.2	5.5
W	.7	2.1	.2									3.0	4.8
WNW	.1	1.7										1.8	4.5
NW	.4	1.2	.2									1.8	5.0
NNW	.1	1.5	1.1									2.7	6.3
VARBL													
CALM												6.7	
	5.2	41.4	32.6	13.4	.7							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 822

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)

727930	SEATTLE/TACOMA IAP,WA	73-81	OCT
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	.7	4.0	5.3	4.6	.2							14.9	8.7
NNE	.4	1.6	2.4	.9	.1							5.4	8.2
NE	.5	.7	.7	.4	.1							2.4	7.4
ENE		.4	.1									.5	5.8
E	.4	.2	.4	.6								1.6	8.4
ESE		.6	.7	.5								1.8	8.4
SE	.1	1.2	1.2									2.6	6.3
SSE	.1	2.1	1.2	.5								3.9	7.3
S	.4	5.0	5.0	4.5	.2							15.1	8.7
SSW	.4	3.1	4.3	4.8	.6							13.1	9.7
SW	.2	3.2	3.3	2.4	.5							9.6	8.8
WSW	.7	3.8	1.5	.1		.1						6.2	6.0
W	.7	5.4	1.2									7.3	5.1
WNW	.4	2.9	1.8	.1								5.3	5.9
NW	.1	2.1	1.6	.1								3.9	6.2
NNW		1.3	1.8	.6								3.8	7.7
VARBL													
CALM												2.6	
	5.1	37.6	32.6	20.1	1.8	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 819

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)

72793	SEATTLE/TACOMA IAP,WA	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.1	6.3	4.6	.2							13.3	9.5
NNE	.1	2.1	1.7	.4								4.2	7.1
NE		1.0	1.6									2.5	7.3
ENE		.6	.7									1.3	7.1
E	.1	.2	1.6	.2								2.2	8.1
ESE	.2	.6	1.0	.4								2.2	7.9
SE	.1	1.7	1.1	.4								3.3	6.8
SSE	.2	2.4	2.8	.2	.1							5.8	7.0
S	.4	4.5	3.7	4.3	.4							13.3	8.8
SSW	.2	3.3	3.4	3.4	.1							10.4	8.6
SW	.5	2.4	3.3	1.2	.1	.1						7.6	7.9
WSW	1.0	2.4	.7	.6								4.7	6.1
W	1.3	4.6	.7									6.6	4.8
WNW	.6	6.4	.7									7.7	5.1
NW	.6	1.9	.7	.2								3.5	5.8
NNW	.4	1.7	4.0	.8								6.9	7.7
VARBL													
CALM												4.6	
	5.9	37.8	33.9	16.8	1.0	.1						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 829

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.4	5.5	9.0	1.0	.2							16.0	7.4
NNE	.2	3.4	3.0	2.4	.1							9.2	8.4
NE	.1	1.5	1.5	.4								3.4	7.1
ENE	.1	1.1	.5									1.7	5.4
E	.4	2.2	1.8	.4								4.7	6.5
ESE	.1	3.0	1.5	.5								5.1	6.8
SE	.5	2.2	2.9	.6								6.2	6.9
SSE	.7	4.1	2.4	1.1								8.4	6.7
S	1.3	5.1	4.6	3.8	.2							15.0	8.2
SSW	.6	1.7	3.0	1.3	.1							6.8	8.0
SW	.4	.8	1.7	1.0								3.9	8.5
WSW	.1	.5	.1	.1								.8	6.9
W	.2	.6	.2									1.1	4.6
WNW	.5	.7		.1								1.3	4.8
NW	.6	1.0	.1									1.7	3.9
NNW	.4	2.5	2.1	.1								5.1	6.0
VARBL													
CALM												9.6	
	6.7	35.9	34.4	12.7	.7							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 825

USAFETAC FORM AIR 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)

7`793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.6	4.1	4.6	1.8	.1							11.3	7.5
NNE	.8	3.2	5.6	2.1								11.7	7.8
NE	.1	2.3	1.6	.1								4.1	6.7
ENE	.1	1.5	.2									1.8	5.1
E	.7	4.0	1.1	.2								6.1	5.5
ESE	.1	5.3	3.3	.7	.1							9.6	6.7
SE	.6	5.1	3.4	.6								9.7	6.3
SSE	.5	4.4	2.4	.5	.1							7.9	6.6
S	.6	6.1	5.5	2.4	.1							14.7	7.7
SSW	.2	1.5	2.5	1.9								6.2	8.8
SW	.4	.8	.5		.4							2.1	7.9
WSW		.2	.5		.1							.8	9.0
W	.5	.5	.1									1.1	4.1
WNW	.7	.1										.8	3.1
NW	.4	.8										1.2	4.1
NNW	.2	2.7	.4	.1								3.4	5.4
VARBL													
CALM												7.5	
	6.7	42.6	31.7	10.6	1.0							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 824

USAFETAC FORM AK 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)

727930	SEATTLE/TACOMA IAP,WA	73-81	OCT
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	.5	3.8	4.9	2.5	.1							12.0	8.0
NNE	.4	3.0	3.2	1.7	.0							8.3	7.9
NE	.3	1.7	1.3	.3	.0							3.6	6.6
ENE	.1	.9	.3									1.4	5.4
E	.4	2.4	1.0	.3								4.0	6.0
ESE	.4	3.8	1.8	.5	.1							6.5	6.5
SE	.5	4.6	2.8	.3								8.1	6.2
SSE	.7	4.5	2.5	.6	.0	.0						8.5	6.4
S	.7	5.9	5.2	3.2	.2							15.1	7.9
SSW	.5	2.1	2.7	2.3	.2							7.8	8.7
SW	.2	1.6	1.6	.8	.1	.0						4.4	8.1
WSW	.4	1.2	.4	.1	.0	.0						2.3	5.9
W	.5	1.9	.3									2.7	4.8
WNW	.4	1.7	.3	.0								2.4	5.0
NW	.4	1.1	.4	.0								1.9	5.1
NNW	.3	1.7	1.2	.2								3.5	6.3
VARBL													
CALM												7.6	
	6.7	41.9	30.0	12.9	.8	.1						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 6568

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.9	2.8	1.7	.1							8.1	7.8
NNE	.3	2.8	3.3	.6								7.0	7.0
NE	.3	2.3	2.3	.4								5.2	6.7
ENE	.1	1.0	.8	.6								2.5	7.8
E	.5	4.2	3.1	.6	.1							8.5	6.8
ESE	.6	6.7	4.1	1.8	.3							13.5	7.2
SE	.8	6.9	3.7	.3	.1							11.7	6.1
SSE	.8	5.3	2.9	.6	.4							10.1	6.7
S		3.7	5.1	5.1	.6							14.5	9.8
SSW		1.0	1.8	3.2	1.0							7.0	11.5
SW	.3	.8	1.3	.4	.1							2.8	8.1
WSW	.1	.1	.5	.4		.1						1.3	10.5
W		.4	.1		.1							.6	7.4
WNW	.1	.1			.1							.4	8.0
NW	.1	.4										.5	4.5
NNW		.6	.1	.1								.9	6.1
VARBL													
CALM												5.3	
	4.6	39.3	31.8	15.8	3.1	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.5	3.4	2.8	2.0	.1							8.8	8.0
NNE	.6	3.4	3.4	.6								8.1	6.9
NE	.3	2.7	1.5									4.4	5.9
ENE	.3	1.0	1.1	.3								2.7	7.1
E	.4	4.0	1.8	.4								6.6	6.1
ESE	.9	6.7	3.3	.9								11.7	6.3
SE	.5	5.8	3.5	.8	.1							10.7	6.6
SSE	.4	5.8	3.3	1.4	.4							11.2	7.2
S	.3	3.7	6.8	6.6	.6							17.9	9.9
SSW	.1	1.0	1.1	1.9	.1							4.3	9.9
SW	.1	.3	.6	.8								1.8	9.6
WSW		.1	.6	.4	.1							1.3	10.3
W		.1										.1	4.0
WNW			.1									.1	7.0
NW	.1	.4										.5	3.8
NNW	.1	.8	.3	.4								1.5	7.9
VARBL													
CALM												8.2	
	4.5	39.1	30.3	16.3	1.5							100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7793	SEATTLE/TACOMA IAP, WA	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.3	3.1	1.4								7.3	7.7
NNE	.3	3.4	3.1	.9								7.7	7.1
NE		2.8	1.5	.3								4.5	6.3
ENE	.3	1.0	.8	.3								2.3	6.7
E	.5	4.3	2.0	.8								7.5	6.3
ESE	.4	6.4	4.3	.8	.1							11.9	6.8
SE	.4	7.5	4.5	.8								13.2	6.5
SSE	.5	4.8	2.3	1.6	.5							9.7	7.6
S	.4	3.5	6.8	5.2	.6							16.5	9.4
SSW	.3	.9	2.1	2.5	.3							6.0	10.2
SW	.1	.4	.4	.9	.3							2.0	10.9
WSW	.1	.6	.4	.3								1.4	7.2
W	.1	.1										.3	4.0
WNW		.1										.1	5.0
NW	.3	.4	.1									.8	4.5
NNW	.3	.8	.4	.3	.1							1.8	7.1
VARBL													
CALM												7.2	
	4.3	39.2	31.8	15.7	1.9							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 796

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.9	3.7	3.8	1.6								9.3	7.4
NNE	.4	1.6	3.0	1.6								6.7	8.3
NE	.3	1.5	.5	.3								2.5	5.8
ENE	.4	.6	.6									1.6	5.5
E	.5	2.9	1.8	.8								5.9	6.9
ESE	.6	3.5	3.4	2.3	.1	.3						10.2	8.1
SE	.3	4.7	3.0	.3								8.2	6.3
SSE	.6	5.3	3.8	1.3	.3	.1						11.3	7.4
S	1.3	4.0	6.0	6.5	.5	.1	.1					18.6	9.4
SSW	.6	1.8	2.6	3.3	1.0							9.3	10.4
SW	.3	.9	.8	1.3	.4							3.5	10.0
WSW	.1	.8	.1	.1								1.1	5.9
W	.1	.8	.3									1.1	5.2
WNW	.3	1.1	.1									1.5	4.5
NW	.3	.1	.1									.5	4.8
NNW	.1	.8		.5	.1							1.5	8.7
VARBL													
CALM												6.9	
	6.9	33.4	30.0	19.8	2.4	.5	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7[illegible]793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
NOV — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.3	5.9	2.4	.3							11.0	8.6
NNE	.1	1.5	3.0	1.6								6.3	8.5
NE	.3	1.1	.6	.3								2.3	6.4
ENE	.3	.5	.3	.1								1.1	6.2
E	.3	1.6	1.4	.6	.1							4.0	7.5
ESE	.6	1.6	1.8	.9	.3	.1						5.3	8.6
SE	.1	2.4	2.0	.6	.1							5.3	7.5
SSE	.8	3.1	2.5	1.4		.1						7.9	7.3
S	.8	5.8	6.2	5.4	.9	.3	.3					19.5	9.4
SSW	.4	2.3	2.6	4.0	1.1	.1						10.6	10.9
SW	.1	2.6	2.4	1.8	.3	.1						7.3	8.8
WSW	.4	1.8	1.4	.9								4.4	7.7
W	.4	1.9	.4									2.6	5.0
WNW	.6	1.6	.4									2.6	4.8
NW		1.0	.3									1.3	5.5
NNW	.1	2.1	1.0	.1								3.4	6.1
VARBL													
CALM												5.0	
	5.3	33.4	32.1	20.2	3.0	.8	.3					100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 794

USAFETAC FORM AA 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)

7/793(STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | NOV MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	4.?	6.0	1.8								11.9	7.8
NNE		2.0	3.4	.8								6.1	8.0
NE		.9	.9	.5								2.3	7.8
ENE	.3	.8	1.0	.4								2.4	7.1
E	.1	1.8	1.9	.6								4.4	7.6
ESE	.1	1.5	1.5	1.6	.3							5.0	9.4
SE		2.9	2.3	.4								5.5	6.8
SSE	.6	3.8	3.1	1.0	.1							8.7	7.3
S	.9	5.4	5.1	5.8	.8	.4	.3					18.6	9.5
SSW	.5	2.0	2.1	4.3	.9	.3						10.0	11.0
SW	.4	1.9	1.1	1.8	.6							5.8	9.4
WSW	.4	1.6	1.1	.3								3.4	6.2
W	.8	1.9										2.6	4.2
WNW	.6	1.1	.1									1.9	4.2
NW	.1	1.6	.3									2.0	4.6
NNW	.3	1.8	1.4	.1	.1							3.6	6.6
VARBL													
CALM												5.8	
	5.1	34.9	31.4	19.2	2.8	.6	.3					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 797

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)

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.2	5.0	5.0	1.2								11.4	7.1
NNE	.5	3.7	2.7	1.1								8.1	7.2
NE	.4	1.4	1.7	.5								4.0	6.9
ENE	.1	1.4	.5	.2								2.2	6.5
E	.7	3.5	2.4	1.2	.1							8.0	7.4
ESE	.2	2.5	3.7	1.6	.2							8.3	8.4
SE	.2	3.6	2.9	.7								7.5	6.7
SSE	.2	5.0	3.0	1.2	.1							9.6	7.1
S	.6	3.7	7.2	6.5	1.1	.1						19.3	10.0
SSW	.1	1.4	1.7	1.7	.5							5.5	10.1
SW		.7	1.1	.7	.5							3.1	10.4
WSW	.2	.9	.2	.2	.1							1.7	7.4
W	.2	.2	.2									.7	5.3
WNW		.5										.5	4.8
NW	.5	.6										1.1	3.9
NNW		1.9	.7	.1								2.7	6.4
VARBL													
CALM												6.2	
	4.5	35.9	33.2	17.3	2.7	.1						100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 7937 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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	4.1	3.5	1.1								8.9	7.4
NNE	.1	2.9	3.6	.3	.1							7.0	7.2
NE		1.6	2.1	.4								4.1	7.5
ENE	.1	1.8	1.1	.4	.1							3.5	7.3
E	.3	4.6	3.0	.8	.4							9.0	7.3
ESE	.4	4.5	5.8	2.3	.4							13.3	8.0
SE	.4	5.1	3.9	.9								10.3	6.9
SSE	.5	4.5	3.1	1.0								9.1	7.1
S	.9	3.3	5.6	6.9	1.0							17.6	10.0
SSW	.3	1.3	.8	3.3	.9	.1						6.5	11.7
SW	.5	.6	.8	.5	.4							2.8	9.2
WSW	.1	.3										.4	3.7
W	.1	.4	.1									.6	5.0
WNW	.1	.1	.1									.4	4.7
NW	.3	.8										1.0	4.0
NNW		.8	.5	.4								1.6	7.8
VARBL													
CALM												4.0	
	4.1	36.5	34.0	18.0	3.3	.1						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
Air WEATHER SERVICE/MAC

SURFACE WINDS

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

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.4	4.1	1.7	.1							9.6	7.7
NNE	.3	2.7	3.2	.9	.0							7.1	7.5
NE	.2	1.8	1.4	.3								3.7	6.6
ENE	.2	1.0	.8	.3	.0							2.3	6.9
E	.4	3.4	2.2	.7	.1							6.7	7.0
ESE	.5	4.2	3.5	1.5	.2	.0						9.9	7.6
SE	.3	4.9	3.2	.6	.0							9.0	6.6
SSE	.6	4.7	3.0	1.2	.2	.0						9.7	7.2
S	.6	4.1	6.1	6.0	.8	.1	.1					17.8	9.7
SSW	.3	1.4	1.9	3.0	.7	.1						7.4	10.8
SW	.2	1.0	1.1	1.0	.3	.0						3.6	9.4
WSW	.2	.8	.6	.3	.0	.0						1.9	7.5
W	.2	.7	.1		.0							1.1	5.0
WNW	.2	.6	.1		.0							.9	4.8
NW	.2	.7	.1									1.0	4.5
NNW	.1	1.2	.6	.3	.0							2.1	6.9
VARBL													
CALM												6.1	
	4.9	36.5	31.8	17.8	2.6	.3	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 6363

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)

7 7930 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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	.2	2.8	2.7	.5								6.2	7.2
NNE	.2	3.0	2.6	.6								6.4	7.1
NE	.4	1.9	.4									2.7	5.1
ENE	.4	.9	.6									1.8	5.7
E	.4	4.9	3.0	.7								9.0	6.6
ESE		6.6	5.1	.9	.2							12.8	7.2
SE	.4	6.0	4.0	.4	.2							10.9	6.9
SSE	.4	3.8	3.2	1.2	.1							8.6	7.4
S	.5	5.2	6.3	6.0	.9	.6						19.5	9.7
SSW	.2	.2	2.4	5.6	1.0							9.5	12.3
SW	.2	.2	1.3	1.7	.6							4.1	11.5
WSW		.5	.7		.4							1.6	9.3
W		.4	.1									.5	5.0
WNW		.2										.2	5.0
NW		.5										.5	5.3
NNW	.5	.2	.1	.2								1.1	5.8
VARBL													
CALM												4.5	
	3.8	37.3	32.6	17.8	3.4	.6						100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	3.0	.8								5.8	7.6
NNE	.1	2.7	2.3	.8								5.9	7.3
NE	.2	2.1	.6	.1								3.0	5.9
ENE	.4	1.1	.6	.1								2.2	6.1
E	1.1	6.4	2.3	.6								10.4	5.8
ESE	.6	6.4	3.6	1.2								11.9	6.6
SE	1.1	6.9	1.9	.8								10.8	5.7
SSE	.5	5.3	2.8	1.2	.1	.1						10.0	7.1
S	.1	3.6	5.9	5.0	1.7	.1						16.4	10.4
SSW		1.3	1.9	3.7	1.2							8.2	11.6
SW	.2	1.2	1.7	2.4	.6							6.2	10.5
WSW		.6	.6	.2								1.5	8.0
W	.1	.1										.2	4.0
WNW	.1	.4										.5	4.0
NW	.1	.1	.1									.4	5.7
NNW		.4	.1	.1								.6	7.4
VARBL													
CALM												6.0	
	5.0	40.3	27.6	17.3	3.6	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 827

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)

7 793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		3.4	2.2	1.6	.1							7.4	7.6
NNE	.6	2.1	2.6	.9								6.1	7.1
NE	.2	1.8	.9									2.9	5.8
ENE	.2	.7	.6	.1								1.7	6.6
E	.5	4.3	2.7	.7								8.2	6.6
ESE	.2	5.3	4.0	1.6	.5							11.7	7.8
SE	.7	7.2	2.8	.6								11.4	6.1
SSE	.6	4.5	3.7	.6								9.4	6.6
S	.7	5.3	5.4	6.6	1.7							19.8	9.7
SSW	.4	2.2	1.6	2.5	1.0	.1						7.7	10.3
SW	.2	.6	1.3	.7	.6							3.6	10.3
WSW		.5	.7	.4								1.6	8.9
W		.4	.2									.6	5.8
WNW		.9										.9	4.9
NW	.1	.5										.6	4.8
NNW	.2	.5	.1	.1								1.0	6.0
VARBL													
CALM												5.4	
	4.9	40.2	29.0	16.4	3.9	.1						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 815

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)

7:7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	.2	2.7	4.0	1.0								7.9	7.6
NNE	.1	1.3	1.9	.7								4.1	7.5
NE	.1	1.3	1.0	.1								2.5	6.8
ENE	.1	1.2	.4	.1								1.8	6.1
E	.5	2.3	2.4	.5								5.7	6.9
ESE	.6	4.1	3.9	2.1	.1	.1						10.9	7.7
SE	.2	5.1	3.8	.4								9.5	6.6
SSE	1.1	4.2	3.9	.7								10.0	6.7
S	.8	6.4	6.6	7.6	1.7							23.2	9.6
SSW	.5	1.2	3.6	2.7	.6							8.6	9.9
SW		1.0	.6	1.7	.1							3.4	10.2
WSW		.8	.6	.7	.1							2.3	9.1
W	.4	1.3	.1									1.8	4.5
WNW		.6										.6	4.8
NW	.1	.5		.4								1.0	7.5
NNW	.1	1.0	.5									1.6	5.6
VARBL													
CALM												5.1	
	5.0	35.2	33.3	18.7	2.7	.1						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 824

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)

7 '793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (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	.4	2.3	3.7	1.8								8.2	8.1
NNE	.2	3.2	2.1	.2								5.8	6.4
NE	.1	1.2	1.0	.2								2.6	6.7
ENE		.9	.1	.1								1.1	6.1
E	.5	3.1	1.5	.2								5.3	6.0
ESE	.6	2.3	2.6	1.2	.1							6.9	7.8
SE	.4	4.3	2.5	.9								8.0	6.7
SSE	.6	2.8	2.3	1.0	.1							6.9	7.2
S	.2	5.9	4.9	7.1	2.2							20.4	10.0
SSW	.4	2.3	4.4	5.2	1.2	.1						13.6	10.6
SW	.1	1.1	2.0	2.8	.7	.1						6.9	11.1
WSW	.4	1.0	.7	.9								2.9	8.0
W	.7	1.4	.2									2.3	4.5
WNW	.1	.5										.6	4.0
NW	.5	.5	.4									1.4	4.9
NNW		1.7	.7	.2	.4							3.1	8.1
VARBL													
CALM												4.1	
	5.3	34.5	29.1	22.0	4.8	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 814

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)

7?793	SEATTLE/TACOMA IAP, WA	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	3.9	5.5	1.0								10.7	7.4
NNE		3.8	2.5	.4	.1							6.8	6.8
NE		2.1	.4	.1								2.6	6.1
ENE	.1	.9	.7	.1								1.8	6.6
E	.1	2.9	1.5	.4								4.9	6.7
ESE	.2	2.2	2.7	1.2	.1							6.5	8.2
SE	.2	3.3	2.5	.1								6.1	6.3
SSE	.7	3.3	3.8	1.0	.4							9.2	7.7
S	.2	3.9	6.9	5.2	1.6	.1						17.9	10.1
SSW		1.6	3.9	5.2	1.8	.2						12.8	11.7
SW	.4	1.5	2.1	2.1	.9	.1						7.0	10.6
WSW	.4	.7	.5	.6	.1	.1						2.5	9.0
W	.1	.2	.4	.2								1.0	7.3
WNW	.1	.9	.1	.1								1.2	5.4
NW	.5	.9	.1									1.5	4.5
NNW	.1	1.0	1.6	.5								3.2	7.8
VARBL													
CALM												4.3	
	3.6	33.2	35.1	18.2	5.0	.6						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 814

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)

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.7	3.0	1.2								7.2	7.8
NNE	.2	2.7	3.2	.9								6.9	7.5
NE	.4	1.7	1.5	.1								3.6	6.6
ENE		.6	.5	.2								1.3	7.7
E		4.6	3.8	.5								8.9	6.7
ESE	.2	3.5	3.8	1.7								9.2	7.6
SE	.5	5.4	1.8	.6								8.3	6.3
SSE	.7	3.2	4.0	.6	.1							8.6	6.9
S	1.1	3.8	8.8	4.7	1.8	.1	.1					20.4	9.9
SSW	.4	2.1	2.9	2.4	1.8	.5						10.1	11.4
SW	.1	1.0	1.5	2.2	1.8	.1						6.7	12.4
WSW	.2	.6	.4	.1		.1						1.5	7.2
W	.5	.2										.7	3.3
WNW	.4	.2										.6	3.6
NW	.2	.4										.6	4.4
NNW		1.0	.2									1.2	5.3
VARBL													
CALM												4.0	
	5.2	33.6	35.3	15.3	5.6	.9	.1					100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 793 (STATION) | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (YEARS) | DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.4	3.5	.9								6.9	7.7
NNE	.6	2.3	2.4	.2								5.6	6.7
NE		1.8	.9	.2								2.9	6.4
ENE	.2	.7	.7	.1								1.8	6.7
E	.6	4.0	3.2	1.1								8.9	7.0
ESE	.5	5.5	4.3	2.1								12.3	7.3
SE	.6	6.0	3.9	.4	.1							10.9	6.4
SSE	.5	5.8	2.7	.9		.1						10.0	6.6
S	.5	4.5	8.4	6.7	1.5	.1						21.7	9.9
SSW	.4	1.2	2.3	3.8	1.6	.1						9.4	12.0
SW	.4	.6	.5	.6	1.0	.1						3.2	11.5
WSW	.1	.2	.5	.2	.1							1.2	8.9
W		.2		.1								.4	6.7
WNW	.4	.1										.5	3.5
NW		.1										.1	5.0
NNW	.1	.5	.1									.7	5.0
VARBL													
CALM												3.5	
	5.0	36.1	33.3	17.3	4.3	.5						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 822

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)

7 793[illegible] (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.7	3.5	1.1	.0							7.5	7.6
NNE	.3	2.6	2.4	.6	.0							6.0	7.0
NE	.2	1.8	.8	.1								2.9	6.2
ENE	.2	.9	.5	.1								1.7	6.4
E	.5	4.1	2.5	.6								7.7	6.5
ESE	.4	4.5	3.7	1.5	.1	.0						10.3	7.4
SE	.5	5.5	2.9	.5	.0							9.5	6.4
SSE	.6	4.1	3.3	.9	.1	.0						9.1	7.0
S	.5	4.8	6.6	6.1	1.6	.1	.0					19.9	9.9
SSW	.3	1.5	2.9	3.9	1.3	.1						10.0	11.2
SW	.2	.9	1.4	1.8	.8	.1						5.1	11.1
WSW	.1	.6	.6	.4	.1	.0						1.9	8.6
W	.2	.5	.1	.0								.9	5.0
WNW	.1	.5	.0	.0								.6	4.5
NW	.2	.4	.1	.0								.7	5.2
NNW	.1	.8	.4	.2	.0							1.6	6.9
VARBL													
CALM												4.6	
	4.7	36.3	31.9	17.9	4.2	.4	.0					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 6560

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)

7 7933 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.2	4.8	1.6	.1							10.0	7.9
NNE	.3	2.9	3.5	1.0	.0							7.6	7.5
NE	.2	1.5	1.1	.2	.0							3.0	6.6
ENE	.1	.7	.5	.1	.0							1.4	6.6
E	.3	2.2	1.6	.4	.0	.0						4.5	6.7
ESE	.3	2.5	1.8	.7	.0	.0						5.3	7.1
SE	.3	3.3	1.9	.3	.0	.0						5.8	6.3
SSE	.5	3.6	2.2	.6	.0	.0						6.9	6.6
S	.6	5.6	5.8	3.3	.5	.0	.0					15.8	8.3
SSW	.4	2.8	4.1	3.2	.6	.1	.0					11.2	9.3
SW	.3	2.0	2.7	1.6	.3	.0	.0	.0				6.9	8.8
WSW	.3	1.7	1.3	.5	.1	.0						3.9	7.1
W	.4	2.1	1.0	.1	.0							3.7	5.7
WNW	.3	1.5	.8	.1	.0							2.6	5.8
NW	.2	1.2	.7	.1	.0	.0						2.3	6.1
NNW	.3	1.6	1.5	.5	.0							3.9	7.2
VARBL													
CALM												5.2	
	5.2	38.4	35.4	14.1	1.6	.2	.0	.0				100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 77470

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)

7 793 (STATION) | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (YEARS) | ALL (MONTH)

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

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

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	3.0	2.8	1.2	.1							7.3	7.5
NNE	.3	2.1	1.7	.5	.0							4.6	6.9
NE	.2	1.3	.5	.1								2.0	5.9
ENE	.1	.5	.2	.0								.9	5.7
E	.1	1.6	.7	.1	.0							2.5	6.1
ESE	.2	2.3	1.3	.2	.0							4.1	6.4
SE	.3	3.5	1.9	.2								5.9	6.1
SSE	.6	4.3	2.7	.4	.0							8.0	6.3
S	.7	7.9	8.0	5.1	.9	.1	.0					22.7	8.5
SSW	.5	4.0	5.9	5.1	1.4	.1	.0					17.1	9.9
SW	.3	3.2	3.4	1.9	.4	.0						9.2	8.5
WSW	.3	1.8	1.0	.3	.0	.0						3.5	6.7
W	.4	1.4	.3	.0	.0							2.2	5.0
WNW	.2	1.1	.1	.0	.0							1.5	4.9
NW	.2	.9	.1	.0								1.3	4.9
NNW	.3	1.1	.5	.1								2.0	5.8
VARBL													
CALM												5.3	
	5.2	40.0	31.0	15.3	2.9	.2	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 10209

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	25.1	28.6	29.8	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.3	31.5
≥ 20000	27.5	31.4	32.8	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.2	34.5
≥ 18000	27.5	31.5	32.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.3	34.6
≥ 16000	27.5	31.5	32.9	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.3	34.6
≥ 14000	28.4	32.4	33.7	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.2	35.4
≥ 12000	30.1	34.1	35.4	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	37.0	37.3
≥ 10000	31.9	35.9	37.3	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.9	39.1
≥ 9000	32.4	36.4	37.9	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.5	39.7
≥ 8000	33.1	37.3	38.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.4	40.7
≥ 7000	35.8	40.0	41.5	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.1	43.4
≥ 6000	36.8	40.9	42.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.1	44.3
≥ 5000	39.0	43.4	44.9	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.7	46.9
≥ 4500	40.2	44.6	46.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.9	48.1
≥ 4000	41.5	45.9	47.5	49.0	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.5	49.7
≥ 3500	43.5	48.5	50.1	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.1	52.4
≥ 3000	47.1	54.1	56.4	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.0	59.0	59.1	59.3
≥ 2500	50.1	58.0	60.7	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7	63.8	64.1
≥ 2000	53.1	62.9	66.1	69.5	70.0	70.0	70.4	70.4	70.4	70.5	70.5	70.5	70.6	70.6	70.8	71.0
≥ 1800	53.8	64.1	67.4	71.0	71.6	71.6	72.2	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.6	72.8
≥ 1500	56.2	67.0	70.6	74.5	75.4	75.4	76.1	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.5	76.7
≥ 1200	59.0	70.3	74.5	79.0	80.1	80.1	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.5
≥ 1000	60.7	72.1	76.6	81.2	82.3	82.3	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.6	83.8
≥ 900	61.1	72.6	77.2	82.0	83.4	83.4	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.7	84.9
≥ 800	61.5	73.4	78.1	82.8	84.3	84.3	85.0	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.5	85.7
≥ 700	61.9	73.9	78.7	83.4	84.9	84.9	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.2	86.5
≥ 600	62.4	75.3	80.0	85.1	86.7	86.7	87.6	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.3	88.6
≥ 500	62.6	75.8	80.8	86.0	87.7	87.7	88.7	89.2	89.2	89.4	89.4	89.4	89.5	89.5	89.6	89.9
≥ 400	62.6	76.0	81.2	86.7	88.6	88.6	89.6	90.3	90.3	90.6	90.7	90.7	90.9	90.9	91.0	91.2
≥ 300	62.6	76.0	81.2	87.0	89.0	89.0	90.7	91.5	91.5	92.7	92.8	92.8	93.3	93.3	93.4	93.8
≥ 200	62.6	76.0	81.2	87.1	89.3	89.3	91.4	92.2	92.2	94.0	94.2	94.2	95.1	95.1	95.6	96.2
≥ 100	62.6	76.0	81.2	87.2	89.4	89.4	91.7	92.7	92.7	94.6	94.8	94.8	96.1	96.1	97.0	98.9
≥ 0	62.6	76.0	81.2	87.2	89.4	89.4	91.7	92.7	92.7	94.6	94.8	94.8	96.1	96.1	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 821

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7/793? STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	23.6	26.4	26.7	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.7
≥ 20000	25.6	28.5	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.8	30.0	
≥ 18000	25.6	28.5	29.0	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.8	30.0	
≥ 16000	25.8	28.7	29.2	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.3	
≥ 14000	26.4	29.3	29.8	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.9	
≥ 12000	27.7	30.9	31.5	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.6	
≥ 10000	29.7	33.1	33.8	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.6	34.6	34.6	34.9	
≥ 9000	31.0	34.4	35.2	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.3	
≥ 8000	31.8	35.5	36.3	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.4	
≥ 7000	33.4	37.0	37.9	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	39.0	
≥ 6000	33.8	37.5	38.4	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.4	
≥ 5000	37.8	41.7	42.6	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.8	
≥ 4500	39.3	43.8	44.6	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7	46.0
≥ 4000	40.7	45.5	46.3	47.2	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	48.1	
≥ 3500	43.1	48.3	49.6	50.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.5
≥ 3000	46.1	52.1	54.5	55.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.8
≥ 2500	49.2	56.3	59.2	60.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.0	62.2
≥ 2000	51.9	61.8	64.9	66.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.3	68.3	68.3	68.5
≥ 1800	52.8	63.2	66.8	69.0	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.9
≥ 1500	55.1	66.5	70.2	72.9	74.3	74.3	74.4	74.4	74.4	74.8	74.8	74.8	75.0	75.0	75.0	75.3
≥ 1200	56.8	69.4	73.2	76.1	77.8	77.8	78.2	78.3	78.3	78.6	78.6	78.6	78.9	78.9	78.9	79.1
≥ 1000	58.4	71.9	75.9	79.0	80.9	80.9	81.3	81.4	81.4	82.0	82.0	82.0	82.3	82.3	82.3	82.5
≥ 900	59.2	72.9	76.8	80.0	81.9	81.9	82.3	82.4	82.4	83.0	83.0	83.0	83.2	83.2	83.2	83.5
≥ 800	59.6	73.5	77.4	80.8	82.9	82.9	83.2	83.4	83.4	84.0	84.0	84.0	84.2	84.2	84.2	84.4
≥ 700	60.0	74.2	78.3	81.7	83.7	83.7	84.1	84.2	84.2	84.8	84.8	84.8	85.0	85.0	85.2	85.4
≥ 600	60.3	75.5	79.9	83.6	85.6	85.6	86.1	86.4	86.4	87.0	87.1	87.1	87.3	87.3	87.7	87.9
≥ 500	60.8	76.1	80.5	84.3	86.4	86.4	86.9	87.1	87.1	87.7	87.8	87.8	88.1	88.1	88.4	88.7
≥ 400	60.8	76.2	80.8	84.8	86.9	86.9	87.3	87.9	87.9	88.7	88.8	88.8	89.0	89.0	89.4	89.6
≥ 300	60.9	76.5	81.2	85.6	87.9	87.9	88.5	89.3	89.3	90.1	90.3	90.3	91.1	91.1	91.4	91.7
≥ 200	60.9	76.5	81.2	86.0	88.4	88.4	89.0	90.0	90.0	91.6	91.8	91.8	92.9	92.9	93.4	94.5
≥ 100	60.9	76.5	81.2	86.0	88.4	88.4	89.3	90.2	90.2	92.0	92.5	92.5	94.7	94.7	96.1	99.2
≥ 0	60.9	76.5	81.2	86.0	88.4	88.4	89.3	90.2	90.2	92.0	92.5	92.5	94.7	94.7	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 829

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥1/16	0	
NO CEILING	20.1	21.6	22.0	23.5	23.5	23.5	23.6	23.6	23.6	24.1	24.1	24.1	24.4	24.4	24.8	25.1
≥ 20000	21.7	23.4	23.9	25.4	25.4	25.4	25.6	25.6	25.6	26.1	26.1	26.1	26.4	26.4	26.7	27.1
≥ 18000	21.8	23.5	24.0	25.5	25.5	25.5	25.9	25.9	25.9	26.4	26.4	26.4	26.6	26.6	27.0	27.3
≥ 16000	22.3	24.0	24.5	26.0	26.0	26.0	26.4	26.4	26.4	26.8	26.8	26.8	27.1	27.1	27.5	27.8
≥ 14000	23.4	25.2	25.7	27.2	27.2	27.2	27.6	27.6	27.6	28.1	28.1	28.1	28.3	28.3	28.7	29.1
≥ 12000	25.0	26.8	27.6	29.1	29.1	29.1	29.4	29.4	29.4	29.9	29.9	29.9	30.2	30.2	30.5	30.9
≥ 10000	27.1	29.1	29.9	31.4	31.4	31.4	31.9	31.9	31.9	32.4	32.4	32.4	32.6	32.6	33.0	33.4
≥ 9000	28.6	30.5	31.4	32.9	32.9	32.9	33.4	33.4	33.4	33.9	33.9	33.9	34.1	34.1	34.5	34.9
≥ 8000	29.4	31.4	32.3	33.7	33.7	33.7	34.2	34.2	34.2	34.7	34.7	34.7	35.0	35.0	35.3	35.7
≥ 7000	32.0	34.1	35.0	36.5	36.5	36.5	36.9	36.9	36.9	37.4	37.4	37.4	37.7	37.7	38.1	38.4
≥ 6000	32.9	35.0	35.8	37.3	37.3	37.3	37.8	37.8	37.8	38.3	38.3	38.3	38.5	38.5	38.9	39.3
≥ 5000	34.9	37.2	38.2	39.7	39.7	39.7	40.1	40.1	40.1	40.6	40.6	40.6	40.9	40.9	41.3	41.6
≥ 4500	35.5	38.3	39.3	40.8	40.8	40.8	41.3	41.3	41.3	41.7	41.7	41.7	42.0	42.0	42.4	42.7
≥ 4000	37.8	41.0	42.0	43.5	43.6	43.6	44.1	44.1	44.1	44.6	44.6	44.6	44.8	44.8	45.2	45.6
≥ 3500	40.0	43.8	44.8	46.3	46.4	46.4	46.9	46.9	46.9	47.4	47.4	47.4	47.7	47.7	48.0	48.4
≥ 3000	44.0	48.4	49.5	51.4	51.5	51.5	52.1	52.1	52.1	52.6	52.6	52.6	52.8	52.8	53.2	53.6
≥ 2500	47.9	53.4	54.9	56.9	57.1	57.1	58.0	58.0	58.0	58.5	58.5	58.5	58.7	58.7	59.1	59.5
≥ 2000	51.7	58.4	60.0	62.4	63.1	63.1	64.0	64.0	64.0	64.5	64.5	64.5	64.8	64.8	65.1	65.5
≥ 1800	53.2	60.7	62.3	64.9	65.5	65.5	66.5	66.5	66.5	67.0	67.0	67.0	67.2	67.2	67.6	68.0
≥ 1500	54.6	63.5	65.4	68.7	69.3	69.3	70.6	70.6	70.6	71.2	71.2	71.2	71.4	71.4	71.9	72.3
≥ 1200	57.4	68.6	70.4	73.9	74.6	74.6	76.0	76.0	76.0	76.6	76.6	76.6	76.8	76.8	77.3	77.7
≥ 1000	58.9	71.4	73.8	77.5	78.2	78.2	79.7	79.8	79.8	80.4	80.4	80.4	80.7	80.7	81.3	81.7
≥ 900	59.7	72.4	74.9	78.6	79.4	79.4	81.3	81.4	81.4	82.0	82.0	82.0	82.3	82.3	82.9	83.3
≥ 800	60.1	73.3	75.7	79.4	80.4	80.4	82.3	82.5	82.5	83.1	83.1	83.1	83.4	83.4	84.0	84.4
≥ 700	60.6	73.8	76.2	79.9	80.9	80.9	82.9	83.1	83.1	83.9	83.9	83.9	84.1	84.1	84.7	85.1
≥ 600	61.2	75.0	77.6	81.8	83.0	83.0	85.2	85.5	85.5	86.2	86.2	86.2	86.5	86.5	87.1	87.4
≥ 500	61.3	75.4	78.1	82.3	83.5	83.5	85.7	86.0	86.0	86.8	86.8	86.8	87.1	87.1	87.7	88.1
≥ 400	61.5	76.0	78.8	83.4	84.6	84.6	87.4	87.7	87.7	88.7	88.7	88.7	88.9	88.9	89.5	89.9
≥ 300	61.5	76.0	78.9	83.5	85.1	85.1	88.5	88.8	88.8	89.9	90.0	90.0	90.3	90.3	90.9	91.3
≥ 200	61.5	76.0	79.1	84.0	85.7	85.7	89.5	89.9	89.9	91.6	91.9	91.9	93.0	93.0	94.1	95.8
≥ 100	61.5	76.0	79.1	84.0	85.7	85.7	89.7	90.0	90.0	91.9	92.6	92.6	94.2	94.2	96.2	99.4
≥ 0	61.5	76.0	79.1	84.0	85.7	85.7	89.7	90.0	90.0	91.9	92.6	92.6	94.2	94.2	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) JAN (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	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	19.3	20.2	20.9	21.9	21.9	21.9	22.3	22.4	22.4	22.5	22.5	22.5	22.9	22.9	23.0	24.0
≥ 20000	21.9	23.0	23.7	24.9	24.9	24.9	25.3	25.4	25.4	25.5	25.5	25.5	26.0	26.0	26.3	27.6
≥ 18000	22.0	23.1	23.8	25.1	25.1	25.1	25.4	25.5	25.5	25.7	25.7	25.7	26.2	26.2	26.4	27.9
≥ 16000	22.9	24.0	24.7	26.0	26.0	26.0	26.4	26.5	26.5	26.6	26.6	26.6	27.1	27.1	27.4	28.8
≥ 14000	24.7	25.8	26.5	27.9	27.9	27.9	28.2	28.3	28.3	28.7	28.7	28.7	29.2	29.2	29.4	30.9
≥ 12000	27.3	28.7	29.4	30.9	30.9	30.9	31.3	31.4	31.4	31.8	31.8	31.8	32.2	32.2	32.5	34.1
≥ 10000	29.2	30.6	31.5	33.0	33.0	33.0	33.3	33.5	33.5	33.8	33.8	33.8	34.3	34.3	34.7	36.3
≥ 9000	29.9	31.5	32.2	33.7	33.7	33.7	34.1	34.2	34.2	34.5	34.5	34.5	35.2	35.2	35.5	37.1
≥ 8000	31.5	33.2	34.1	35.5	35.5	35.5	35.9	36.0	36.0	36.4	36.4	36.4	37.0	37.0	37.3	38.9
≥ 7000	32.6	34.3	35.2	36.7	36.7	36.7	37.1	37.2	37.2	37.6	37.6	37.6	38.2	38.2	38.6	40.1
≥ 6000	33.9	35.8	36.6	38.2	38.2	38.2	38.6	38.7	38.7	39.1	39.1	39.1	39.7	39.7	40.0	41.6
≥ 5000	35.9	38.1	39.1	40.8	40.8	40.8	41.2	41.4	41.4	41.8	41.8	41.8	42.5	42.5	42.8	44.4
≥ 4500	36.7	40.1	41.1	42.8	42.9	42.9	43.4	43.6	43.6	44.0	44.0	44.0	44.6	44.6	45.0	46.6
≥ 4000	40.1	43.8	44.9	46.6	46.7	46.7	47.2	47.3	47.3	47.8	47.8	47.8	48.4	48.4	48.8	50.5
≥ 3500	42.9	46.8	48.1	49.9	50.0	50.0	50.5	50.6	50.6	51.1	51.1	51.1	51.7	51.7	52.1	53.8
≥ 3000	46.4	50.7	52.1	54.0	54.1	54.1	54.6	54.7	54.7	55.4	55.4	55.4	56.0	56.0	56.3	58.0
≥ 2500	50.4	55.7	57.5	59.9	60.0	60.1	61.1	61.2	61.2	61.8	61.8	61.8	62.4	62.4	62.8	64.5
≥ 2000	52.6	58.9	60.9	63.5	63.7	63.9	65.1	65.5	65.5	66.1	66.1	66.1	66.7	66.7	67.0	68.7
≥ 1800	54.4	61.6	63.6	66.5	66.9	67.3	68.5	69.0	69.0	69.6	69.6	69.6	70.2	70.2	70.6	72.3
≥ 1500	56.3	64.6	66.7	69.7	70.2	70.6	72.0	72.5	72.5	73.1	73.1	73.1	73.7	73.7	74.1	75.8
≥ 1200	58.8	67.8	70.1	73.2	74.1	74.6	76.2	76.6	76.6	77.3	77.3	77.3	77.9	77.9	78.2	79.9
≥ 1000	60.5	70.8	73.2	76.6	77.5	78.0	79.6	80.0	80.0	80.8	80.8	80.8	81.4	81.4	81.8	83.5
≥ 900	60.9	71.8	74.2	77.6	78.6	79.2	80.8	81.3	81.3	82.0	82.0	82.0	82.6	82.6	83.0	84.7
≥ 800	61.8	72.7	75.2	78.6	79.8	80.4	82.0	82.5	82.5	83.2	83.2	83.2	83.8	83.8	84.2	85.9
≥ 700	62.8	74.0	76.5	80.2	81.4	82.0	83.6	84.1	84.1	84.8	84.8	84.8	85.4	85.4	85.8	87.5
≥ 600	63.0	74.3	76.9	80.5	82.1	82.7	84.5	85.0	85.0	85.9	85.9	85.9	86.5	86.5	86.9	88.6
≥ 500	63.1	74.7	77.3	81.0	82.7	83.3	85.3	85.8	85.8	86.9	86.9	86.9	87.5	87.5	88.0	89.7
≥ 400	63.1	74.7	77.4	81.1	83.0	83.6	85.8	86.4	86.4	87.6	87.7	87.7	88.4	88.4	88.9	90.6
≥ 300	63.1	75.1	77.9	81.8	83.7	84.3	87.6	88.2	88.2	89.5	89.7	89.7	90.8	90.8	91.2	93.4
≥ 200	63.1	75.1	77.9	81.8	83.7	84.3	87.8	88.6	88.6	90.3	90.8	90.8	92.5	92.5	93.4	96.2
≥ 100	63.1	75.1	77.9	81.8	83.7	84.3	87.8	88.6	88.6	90.3	90.8	90.8	92.9	92.9	94.4	99.4
≥ 0	63.1	75.1	77.9	81.8	83.7	84.3	87.8	88.6	88.6	90.3	90.8	90.8	92.9	92.9	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 JAN
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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	22.5	24.4	25.0	25.4	25.4	25.8	26.1	26.4	26.4	26.4	26.5	26.5	26.7	26.7	26.9	26.9
≥ 20000	24.9	27.2	27.8	28.3	28.3	28.7	29.2	29.4	29.4	29.4	29.5	29.5	29.8	29.8	29.9	29.9
≥ 18000	25.6	28.2	28.8	29.3	29.3	29.7	30.2	30.4	30.4	30.4	30.5	30.5	30.8	30.8	30.9	30.9
≥ 16000	26.1	28.8	29.4	30.3	30.3	30.6	31.1	31.4	31.4	31.4	31.5	31.5	31.7	31.7	31.9	31.9
≥ 14000	28.2	30.9	31.5	32.4	32.4	32.7	33.3	33.6	33.6	33.6	33.7	33.7	33.9	33.9	34.1	34.2
≥ 12000	30.6	33.5	34.2	35.0	35.0	35.4	36.1	36.4	36.4	36.4	36.5	36.5	36.8	36.8	36.9	37.0
≥ 10000	33.0	35.9	36.6	37.5	37.6	38.0	38.7	39.1	39.1	39.1	39.2	39.2	39.4	39.4	39.6	39.7
≥ 9000	33.9	36.9	37.6	38.5	38.6	38.9	39.8	40.3	40.3	40.3	40.4	40.4	40.7	40.7	40.8	40.9
≥ 8000	34.6	37.5	38.2	39.1	39.2	39.6	40.4	40.9	40.9	40.9	41.0	41.0	41.3	41.3	41.4	41.5
≥ 7000	35.4	38.3	39.2	40.2	40.4	40.8	41.6	42.1	42.1	42.1	42.2	42.2	42.5	42.5	42.6	42.7
≥ 6000	36.5	39.4	40.3	41.3	41.5	41.9	42.7	43.2	43.2	43.2	43.3	43.3	43.6	43.6	43.7	43.8
≥ 5000	37.7	40.9	41.9	42.9	43.1	43.5	44.3	44.8	44.8	44.8	44.9	44.9	45.2	45.2	45.3	45.4
≥ 4500	39.2	43.0	44.0	45.1	45.3	45.7	46.5	47.0	47.0	47.0	47.1	47.1	47.4	47.4	47.5	47.6
≥ 4000	41.8	45.8	46.8	47.9	48.1	48.5	49.3	49.8	49.8	49.8	49.9	49.9	50.2	50.2	50.3	50.4
≥ 3500	45.4	49.8	50.8	52.0	52.4	52.7	53.6	54.1	54.1	54.1	54.3	54.3	54.6	54.6	54.7	54.8
≥ 3000	48.1	53.2	54.3	55.7	56.2	56.5	57.5	58.0	58.0	58.1	58.4	58.4	58.6	58.6	58.7	58.9
≥ 2500	52.4	58.6	59.8	61.4	62.0	62.4	63.6	64.1	64.1	64.2	64.5	64.5	64.7	64.7	64.8	65.0
≥ 2000	56.4	64.0	65.6	67.2	67.8	68.1	69.6	70.1	70.1	70.3	70.6	70.6	70.8	70.8	70.9	71.1
≥ 1800	57.8	65.8	67.4	69.0	69.6	70.0	71.4	72.0	72.0	72.3	72.5	72.5	72.8	72.8	72.9	73.0
≥ 1500	60.6	69.1	70.7	72.5	73.3	73.6	75.1	75.8	75.8	76.1	76.3	76.3	76.6	76.6	76.7	76.8
≥ 1200	63.5	73.4	75.2	77.4	78.1	78.5	80.3	81.1	81.1	81.3	81.6	81.6	81.8	81.8	81.9	82.1
≥ 1000	64.7	75.2	77.3	79.6	80.7	81.2	83.0	83.9	83.9	84.4	84.6	84.6	84.9	84.9	85.0	85.1
≥ 900	65.0	75.5	77.5	79.9	81.1	81.6	83.4	84.2	84.2	84.7	85.0	85.0	85.2	85.2	85.3	85.5
≥ 800	65.3	75.9	78.0	80.5	82.3	82.9	84.7	85.6	85.6	86.1	86.3	86.3	86.6	86.6	86.7	86.8
≥ 700	65.8	76.6	78.6	81.6	83.5	84.4	86.6	87.4	87.4	88.0	88.3	88.3	88.5	88.5	88.6	88.8
≥ 600	65.9	76.7	78.8	81.7	83.9	84.7	87.1	88.0	88.0	88.8	89.0	89.0	89.3	89.3	89.4	89.5
≥ 500	66.1	77.0	79.1	82.1	84.5	85.3	88.0	89.1	89.1	91.0	91.3	91.3	91.6	91.6	91.7	91.8
≥ 400	66.1	77.0	79.1	82.2	84.9	85.7	88.8	90.0	90.0	92.1	92.6	92.6	92.8	92.8	92.9	93.0
≥ 300	66.1	77.3	79.4	82.4	85.1	86.0	89.3	90.8	90.8	93.9	94.4	94.4	94.9	94.9	95.1	95.6
≥ 200	66.1	77.3	79.4	82.4	85.1	86.0	89.4	91.1	91.1	95.0	95.5	95.5	96.6	96.6	97.4	98.3
≥ 100	66.1	77.3	79.4	82.4	85.1	86.0	89.4	91.1	91.1	95.0	95.5	95.5	96.8	96.8	98.2	100.0
≥ 0	66.1	77.3	79.4	82.4	85.1	86.0	89.4	91.1	91.1	95.0	95.5	95.5	96.8	96.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 819

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
UNLIM	24.6	26.3	26.6	26.8	27.3	27.6	28.0	28.1	28.1	28.3	28.3	28.3	28.6	28.6	28.7	28.7
≥ 20000	27.9	29.7	30.3	30.5	31.0	31.5	32.1	32.2	32.2	32.7	32.7	32.7	33.0	33.0	33.1	33.1
≥ 18000	28.2	30.2	30.9	31.1	31.6	32.1	32.7	32.8	32.8	33.3	33.3	33.3	33.6	33.6	33.7	33.7
≥ 16000	28.7	30.7	31.4	31.6	32.1	32.6	33.2	33.3	33.3	33.8	33.8	33.8	34.1	34.1	34.2	34.2
≥ 14000	30.0	32.2	33.0	33.2	33.7	34.2	34.8	34.9	34.9	35.4	35.4	35.4	35.6	35.6	35.8	35.8
≥ 12000	33.2	35.4	36.4	36.7	37.2	37.7	38.3	38.4	38.4	38.9	38.9	38.9	39.2	39.2	39.3	39.3
≥ 10000	34.7	37.3	38.6	39.1	39.5	40.0	40.6	40.8	40.8	41.2	41.2	41.2	41.5	41.5	41.6	41.6
≥ 9000	35.3	38.1	39.3	39.8	40.3	40.8	41.4	41.5	41.5	42.0	42.0	42.0	42.2	42.2	42.3	42.3
≥ 8000	36.1	38.9	40.1	40.6	41.1	41.6	42.2	42.3	42.3	42.8	42.8	42.8	43.1	43.1	43.2	43.2
≥ 7000	37.7	40.5	41.7	42.2	42.7	43.2	43.8	43.9	43.9	44.4	44.4	44.4	44.6	44.6	44.8	44.8
≥ 6000	39.2	42.1	43.3	43.8	44.4	44.9	45.5	45.6	45.6	46.1	46.1	46.1	46.4	46.4	46.5	46.5
≥ 5000	40.6	43.8	45.0	45.7	46.4	46.8	47.4	47.6	47.6	48.1	48.1	48.1	48.3	48.3	48.4	48.4
≥ 4500	42.3	45.6	46.8	47.6	48.2	48.7	49.3	49.4	49.4	49.9	49.9	49.9	50.1	50.1	50.2	50.2
≥ 4000	44.5	48.3	49.5	50.2	50.9	51.3	51.9	52.1	52.1	52.6	52.6	52.6	52.8	52.8	52.9	52.9
≥ 3500	48.2	52.7	53.9	54.9	55.5	56.1	56.9	57.1	57.1	57.7	57.7	57.7	57.9	57.9	58.0	58.0
≥ 3000	51.5	56.9	58.6	59.9	60.5	61.1	62.0	62.2	62.2	62.8	62.8	62.8	63.0	63.0	63.1	63.1
≥ 2500	55.8	62.8	64.5	66.1	66.8	67.4	68.5	68.6	68.6	69.3	69.3	69.3	69.6	69.6	69.7	69.7
≥ 2000	59.4	68.4	70.2	72.1	72.9	73.5	74.7	74.8	74.8	75.7	75.7	75.7	75.9	75.9	76.0	76.0
≥ 1800	59.7	69.1	70.9	73.0	73.7	74.3	75.5	75.7	75.7	76.5	76.5	76.5	76.8	76.8	76.9	76.9
≥ 1500	61.9	72.9	74.7	77.3	78.0	78.7	80.0	80.2	80.2	81.0	81.0	81.0	81.3	81.3	81.4	81.4
≥ 1200	63.6	75.8	77.7	80.9	82.1	82.8	84.3	84.4	84.4	85.4	85.4	85.4	85.6	85.6	85.8	85.8
≥ 1000	64.5	77.0	79.4	82.8	84.5	85.3	86.9	87.1	87.1	88.2	88.2	88.2	88.4	88.4	88.6	88.6
≥ 900	64.6	77.4	79.8	83.2	85.0	85.8	87.3	87.6	87.6	88.7	88.7	88.7	89.1	89.1	89.2	89.2
≥ 800	65.6	79.0	81.8	85.2	87.0	87.7	89.3	89.7	89.7	90.8	90.8	90.8	91.1	91.1	91.2	91.2
≥ 700	65.8	79.3	82.1	85.6	87.5	88.2	90.0	90.4	90.4	91.6	91.6	91.6	92.1	92.1	92.2	92.2
≥ 600	65.8	79.3	82.4	86.0	88.1	88.9	91.0	91.4	91.4	92.7	92.7	92.7	93.2	93.2	93.3	93.3
≥ 500	65.8	79.4	82.5	86.1	88.4	89.4	91.7	92.1	92.1	93.4	93.4	93.4	94.0	94.0	94.2	94.2
≥ 400	65.8	79.4	82.5	86.3	88.7	89.8	92.1	92.7	92.7	94.4	94.5	94.5	95.5	95.5	95.6	95.6
≥ 300	65.5	79.4	82.5	86.3	88.7	89.8	92.6	93.4	93.4	95.6	96.4	96.4	97.6	97.6	97.9	97.9
≥ 200	65.8	79.4	82.5	86.3	88.8	89.9	92.7	93.6	93.6	96.1	97.0	97.0	98.5	98.5	99.1	99.3
≥ 100	65.8	79.4	82.5	86.3	88.8	89.9	92.7	93.6	93.6	96.1	97.0	97.0	98.5	98.5	99.4	100.0
≥ 0	65.8	79.4	82.5	86.3	88.8	89.9	92.7	93.6	93.6	96.1	97.0	97.0	98.5	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR LST)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	½	¼	0
NO CEILING	23.6	26.1	26.7	27.1	27.3	27.6	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.1
≥ 20000	25.3	28.3	29.0	29.5	29.8	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5
≥ 18000	25.3	28.7	29.4	29.9	30.1	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8
≥ 16000	25.5	28.9	29.6	30.1	30.4	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.1	31.1
≥ 14000	27.5	30.8	31.6	32.0	32.3	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0
≥ 12000	29.8	33.1	33.9	34.3	34.6	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4
≥ 10000	31.6	35.5	36.4	36.9	37.1	37.3	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.0	38.0
≥ 9000	32.5	36.6	37.5	38.0	38.2	38.4	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0
≥ 8000	33.9	38.0	38.8	39.3	39.5	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.4	40.4
≥ 7000	36.4	40.5	41.3	41.8	42.0	42.3	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9
≥ 6000	37.5	41.8	42.7	43.1	43.4	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2
≥ 5000	38.8	43.6	44.5	44.9	45.3	45.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1
≥ 4500	40.2	45.2	46.0	46.5	47.1	47.3	47.8	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0
≥ 4000	42.7	47.7	48.6	49.3	49.9	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7
≥ 3500	45.9	51.4	52.4	54.1	54.7	54.9	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.7	55.7
≥ 3000	49.8	56.9	58.0	60.0	60.7	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7
≥ 2500	54.2	62.9	64.2	66.6	67.3	67.6	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6
≥ 2000	57.7	67.6	69.3	71.8	72.5	72.8	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7
≥ 1800	59.1	69.8	71.7	74.2	74.9	75.2	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
≥ 1500	61.4	73.0	75.2	77.7	78.7	78.9	79.8	79.8	79.8	79.9	79.9	79.9	79.9	80.0	80.0
≥ 1200	64.2	76.3	78.6	81.3	82.3	82.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.9	83.9
≥ 1000	65.7	78.2	80.5	83.5	84.7	84.9	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.4	86.4
≥ 900	66.3	78.9	81.3	84.6	86.0	86.3	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.7	87.7
≥ 800	66.9	79.8	82.3	85.7	87.3	87.7	88.8	88.8	88.8	89.0	89.0	89.0	89.2	89.2	89.3	89.3
≥ 700	67.2	80.4	83.0	86.6	88.4	88.8	90.0	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.7	90.7
≥ 600	67.3	80.6	83.5	87.7	89.6	90.0	91.4	91.6	91.6	92.0	92.2	92.2	92.4	92.4	92.5	92.5
≥ 500	67.3	80.7	83.6	88.0	89.9	90.2	91.7	91.8	91.8	92.5	92.7	92.7	92.9	92.9	93.0	93.0
≥ 400	67.3	80.7	83.6	88.0	89.9	90.4	92.0	92.4	92.7	93.6	94.0	94.0	94.2	94.2	94.3	94.3
≥ 300	67.3	81.0	84.0	88.8	90.8	91.4	93.4	93.9	94.1	95.7	96.0	96.0	96.6	96.6	96.7	96.7
≥ 200	67.3	81.0	84.0	88.8	90.8	91.4	93.6	94.1	94.3	96.3	96.7	96.7	97.7	97.7	98.2	98.2
≥ 100	67.3	81.3	84.0	88.8	90.8	91.4	93.6	94.1	94.3	96.4	96.9	96.9	98.0	98.0	99.0	100.0
≥ 0	67.3	81.3	84.0	88.8	90.8	91.4	93.6	94.1	94.3	96.4	96.9	96.9	98.0	98.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 830

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7937 SEATTLE/TACOMA IAP, WA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	⅛	0
≥ 12000	25.2	27.7	27.8	28.5	28.9	28.9	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.5	29.5
≥ 10000	26.7	29.9	30.1	30.8	31.2	31.2	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.8	31.8
≥ 8000	26.8	30.1	30.4	31.1	31.4	31.4	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.0	32.0
≥ 7000	27.2	30.5	30.7	31.4	31.8	31.8	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.4	32.4
≥ 6000	27.9	31.2	31.4	32.2	32.5	32.5	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.1	33.1
≥ 5000	30.2	33.5	33.7	34.6	34.9	34.9	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.6	35.6
≥ 4500	31.6	35.1	35.4	36.3	36.6	36.6	37.0	37.0	37.0	37.1	37.1	37.1	37.2	37.2	37.4	37.4
≥ 4000	32.9	36.8	37.1	38.0	38.3	38.3	38.7	38.7	38.7	38.8	38.8	38.8	38.9	38.9	39.1	39.1
≥ 3500	33.4	37.2	37.6	38.5	38.8	38.8	39.2	39.2	39.2	39.3	39.3	39.3	39.4	39.4	39.5	39.5
≥ 3000	36.4	40.4	40.7	41.6	42.0	42.0	42.3	42.3	42.3	42.4	42.4	42.4	42.6	42.6	42.7	42.7
≥ 2900	37.2	41.2	41.7	42.6	42.9	42.9	43.3	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.7	43.7
≥ 2800	39.7	44.3	44.9	45.8	46.2	46.2	46.6	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.9	46.9
≥ 2700	41.7	46.4	47.0	48.0	48.4	48.4	48.7	48.7	48.7	48.9	48.9	48.9	49.0	49.0	49.1	49.1
≥ 2600	44.5	49.2	49.8	50.8	51.1	51.1	51.5	51.5	51.5	51.6	51.6	51.6	51.8	51.8	51.9	51.9
≥ 2500	47.6	53.6	54.5	55.7	56.1	56.1	56.5	56.5	56.5	56.6	56.6	56.6	56.7	56.7	56.8	56.8
≥ 2400	50.7	57.4	58.8	60.0	60.3	60.3	60.8	60.8	60.8	61.1	61.1	61.1	61.2	61.2	61.3	61.3
≥ 2300	54.4	62.9	64.6	66.0	66.4	66.4	66.9	66.9	66.9	67.1	67.1	67.1	67.2	67.2	67.4	67.4
≥ 2200	58.5	68.1	70.1	72.3	72.9	72.9	73.4	73.4	73.4	73.8	73.8	73.8	73.9	73.9	74.0	74.0
≥ 2100	60.2	70.5	72.7	75.1	75.7	75.7	76.2	76.3	76.3	76.7	76.7	76.7	76.8	76.8	76.9	76.9
≥ 2000	62.4	73.2	75.7	78.2	78.8	78.8	79.4	79.6	79.6	80.0	80.0	80.0	80.2	80.2	80.3	80.3
≥ 1900	65.2	76.7	79.3	81.9	82.6	82.6	83.3	83.4	83.4	83.9	83.9	83.9	84.0	84.0	84.2	84.2
≥ 1800	66.7	78.5	81.3	83.9	84.6	84.6	85.4	86.0	86.0	86.5	86.5	86.5	86.6	86.6	86.7	86.7
≥ 1700	67.2	79.0	81.7	84.5	85.2	85.2	86.0	86.6	86.6	87.1	87.1	87.1	87.2	87.2	87.3	87.3
≥ 1600	67.6	79.6	82.3	85.2	86.0	86.0	86.7	87.3	87.3	87.8	87.9	87.9	88.0	88.0	88.1	88.1
≥ 1500	67.7	79.8	82.6	85.5	86.2	86.2	86.9	87.5	87.5	88.1	88.3	88.3	88.4	88.4	88.5	88.5
≥ 1400	68.1	80.8	83.7	86.6	87.5	87.5	88.4	89.0	89.0	89.7	89.8	89.8	90.0	90.0	90.2	90.2
≥ 1300	68.1	80.9	84.0	87.1	88.0	88.0	88.9	89.5	89.5	90.2	90.3	90.3	90.4	90.4	90.7	90.7
≥ 1200	68.1	81.3	84.4	87.7	89.2	89.2	90.6	91.2	91.2	92.1	92.7	92.7	92.9	92.9	93.1	93.1
≥ 1100	68.1	81.3	84.5	87.9	89.6	89.6	91.7	92.4	92.4	93.8	94.4	94.4	94.7	94.7	94.9	94.9
≥ 1000	68.1	81.4	84.8	88.1	89.8	89.8	92.3	93.1	93.1	95.2	95.9	95.9	96.1	96.1	96.9	97.1
≥ 900	68.1	81.4	84.8	88.1	89.8	89.8	92.3	93.1	93.1	95.3	96.3	96.3	96.7	96.7	98.3	99.9
≥ 0	68.1	81.4	84.8	88.1	89.8	89.8	92.3	93.1	93.1	95.3	96.3	96.3	96.7	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP, WA 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥7	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 8000	23.0	25.2	25.7	26.5	26.6	26.7	27.0	27.0	27.0	27.1	27.2	27.2	27.3	27.3	27.5	27.7
≥ 7000	25.2	27.7	28.3	29.1	29.3	29.4	29.7	29.8	29.8	29.9	30.0	30.0	30.1	30.1	30.3	30.6
≥ 6000	25.4	28.0	28.7	29.5	29.6	29.7	30.1	30.1	30.1	30.3	30.3	30.3	30.5	30.5	30.6	30.9
≥ 5000	25.8	28.4	29.1	29.9	30.1	30.2	30.5	30.6	30.6	30.8	30.8	30.8	30.9	30.9	31.1	31.4
≥ 4500	27.1	29.7	30.4	31.3	31.4	31.6	31.9	32.0	32.0	32.1	32.2	32.2	32.3	32.3	32.5	32.8
≥ 4000	29.2	32.0	32.8	33.7	33.8	34.0	34.4	34.4	34.4	34.6	34.6	34.6	34.8	34.8	34.9	35.3
≥ 3500	31.1	34.1	34.9	35.9	36.1	36.2	36.6	36.6	36.6	36.8	36.8	36.8	37.0	37.0	37.2	37.5
≥ 3000	32.1	35.2	36.0	37.0	37.1	37.3	37.7	37.8	37.8	38.0	38.0	38.0	38.2	38.2	38.3	38.7
≥ 2500	33.1	36.1	37.0	38.0	38.1	38.3	38.7	38.8	38.8	39.0	39.0	39.0	39.2	39.2	39.3	39.7
≥ 2000	35.0	38.1	39.1	40.0	40.2	40.4	40.8	40.9	40.9	41.0	41.1	41.1	41.3	41.3	41.4	41.8
≥ 1800	36.0	39.2	40.2	41.1	41.3	41.5	41.9	42.0	42.0	42.1	42.2	42.2	42.4	42.4	42.5	42.9
≥ 1500	38.0	41.6	42.6	43.7	43.9	44.0	44.5	44.5	44.5	44.7	44.8	44.8	45.0	45.0	45.1	45.5
≥ 1200	39.4	43.4	44.4	45.5	45.7	45.9	46.3	46.4	46.4	46.6	46.6	46.6	46.8	46.8	47.0	47.3
≥ 1000	41.7	45.9	46.9	48.1	48.4	48.5	49.0	49.1	49.1	49.3	49.3	49.3	49.5	49.5	49.7	50.0
≥ 900	44.6	49.4	50.5	51.9	52.3	52.4	52.9	53.0	53.0	53.2	53.2	53.2	53.4	53.4	53.6	53.9
≥ 800	47.9	53.7	55.3	56.9	57.3	57.5	58.0	58.1	58.1	58.4	58.4	58.4	58.6	58.6	58.8	59.1
≥ 700	51.8	58.8	60.7	62.6	63.1	63.3	64.0	64.1	64.1	64.4	64.4	64.4	64.6	64.6	64.8	65.1
≥ 600	55.2	63.7	65.9	68.2	68.9	69.1	69.9	70.0	70.0	70.3	70.4	70.4	70.6	70.6	70.8	71.1
≥ 500	56.4	65.6	67.9	70.4	71.1	71.3	72.1	72.3	72.3	72.6	72.7	72.7	72.9	72.9	73.0	73.4
≥ 400	58.6	68.7	71.2	74.0	74.8	75.0	75.9	76.1	76.1	76.6	76.6	76.6	76.8	76.8	77.0	77.3
≥ 300	61.1	72.3	74.9	78.0	79.0	79.2	80.4	80.6	80.6	81.0	81.0	81.0	81.3	81.3	81.4	81.8
≥ 200	62.5	74.4	77.3	80.5	81.7	82.0	83.1	83.4	83.4	84.0	84.0	84.0	84.2	84.2	84.4	84.8
≥ 100	63.0	75.1	78.0	81.3	82.6	82.9	84.1	84.4	84.4	84.9	85.0	85.0	85.2	85.2	85.4	85.7
≥ 0	63.6	75.9	78.9	82.3	83.8	84.0	85.3	85.6	85.6	86.2	86.2	86.2	86.5	86.5	86.7	87.0
	64.0	76.5	79.5	83.1	84.6	84.9	86.2	86.6	86.6	87.2	87.3	87.3	87.5	87.5	87.8	88.1
	64.3	77.2	80.3	84.1	85.8	86.2	87.7	88.1	88.1	88.8	88.9	88.9	89.2	89.2	89.4	89.8
	64.4	77.5	80.7	84.6	86.4	86.8	88.4	88.8	88.8	89.7	89.8	89.8	90.1	90.1	90.4	90.7
	64.4	77.7	81.0	85.0	87.0	87.3	89.2	89.8	89.9	91.0	91.2	91.2	91.6	91.6	91.9	92.2
	64.4	77.8	81.2	85.4	87.5	87.9	90.3	91.0	91.1	92.7	93.0	93.0	93.6	93.6	94.0	94.4
	64.4	77.8	81.3	85.6	87.7	88.1	90.7	91.6	91.6	93.8	94.2	94.2	95.3	95.3	96.0	96.9
	64.4	77.8	81.3	85.6	87.7	88.1	90.8	91.7	91.7	94.0	94.5	94.5	96.0	96.0	97.3	99.6
	64.4	77.8	81.3	85.6	87.7	88.1	90.8	91.7	91.7	94.0	94.5	94.5	96.0	96.0	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6582

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible] SEATTLE/TACOMA IAP,WA 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ [illegible]	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
[illegible]	20.1	23.0	23.9	24.5	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0
≥ 20000	23.0	26.2	27.1	27.7	27.9	27.9	27.9	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2
≥ 18000	23.2	26.5	27.3	27.9	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.5	28.5	28.5	28.5
≥ 16000	23.2	26.5	27.3	27.9	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.5	28.5	28.5	28.5
≥ 14000	24.5	27.8	28.6	29.3	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.8	29.8	29.8	29.8
≥ 12000	26.6	29.9	30.7	31.4	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9
≥ 10000	29.9	33.4	34.2	34.8	35.1	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.4	35.4	35.4	35.4
≥ 9000	30.6	34.0	34.8	35.5	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0
≥ 8000	31.7	35.1	35.9	36.6	36.8	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1
≥ 7000	33.6	37.2	38.0	38.7	38.9	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2
≥ 6000	35.1	38.7	39.5	40.1	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.7	40.7	40.7	40.7
≥ 5000	39.2	43.3	44.1	44.9	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 4500	41.9	46.6	47.4	48.1	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0
≥ 4000	43.4	48.5	49.3	50.2	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	50.9
≥ 3500	46.4	51.8	52.8	54.2	54.7	54.7	54.8	55.0	55.0	55.0	55.0	55.0	55.1	55.1	55.1	55.1
≥ 3000	53.0	59.2	60.4	62.1	62.8	62.8	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 2500	57.7	65.6	66.9	69.1	69.8	69.8	69.9	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
≥ 2000	62.4	72.1	73.9	76.2	77.0	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 1800	64.1	74.0	76.0	78.3	79.1	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6
≥ 1500	67.8	79.1	81.1	83.3	84.1	84.1	84.5	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 1200	70.5	82.9	85.3	87.9	88.9	88.9	89.3	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7
≥ 1000	71.0	83.6	86.2	88.9	89.8	89.8	90.2	90.6	90.6	90.7	90.7	90.7	90.9	90.9	90.9	90.9
≥ 900	71.1	84.1	86.8	89.4	90.5	90.5	90.9	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
≥ 800	71.1	84.5	87.4	90.1	91.3	91.3	91.7	92.1	92.1	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 700	71.5	85.6	88.7	91.5	92.7	92.7	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0
≥ 600	71.9	86.1	89.3	92.3	93.5	93.5	94.6	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 500	72.1	86.2	89.5	92.6	93.8	93.9	95.1	95.5	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 400	72.1	86.2	89.5	92.7	93.9	94.0	95.5	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3
≥ 300	72.1	86.2	89.5	93.1	94.4	94.6	96.2	96.6	96.6	97.4	97.5	97.5	97.6	97.6	97.6	97.6
≥ 200	72.1	86.2	89.5	93.1	94.4	94.6	96.3	96.7	96.7	97.6	97.7	97.7	98.4	98.4	98.4	98.5
≥ 100	72.1	86.2	89.5	93.1	94.4	94.6	96.3	96.7	96.7	97.6	97.7	97.7	98.4	98.4	98.5	99.6
≥ 0	72.1	86.2	89.5	93.1	94.4	94.6	96.3	96.7	96.7	97.6	97.7	97.7	98.4	98.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 755

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7937 SEATTLE/TACOMA IAP,WA 73-81 FEB
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	16.9	18.5	18.9	18.9	18.9	18.9	19.2	19.2	19.2	19.5	19.6	19.6	19.9	19.9	20.4	20.5
≥ 20000	18.7	20.9	21.5	21.5	21.5	21.5	21.7	21.7	21.7	22.0	22.1	22.1	22.4	22.4	22.9	23.1
≥ 18000	18.7	20.9	21.5	21.6	21.6	21.6	21.9	21.9	21.9	22.1	22.3	22.3	22.5	22.5	23.1	23.2
≥ 16000	19.2	21.5	22.0	22.1	22.1	22.1	22.4	22.4	22.4	22.7	22.8	22.8	23.1	23.1	23.6	23.7
≥ 14000	20.1	23.1	23.6	23.7	23.7	23.7	24.0	24.0	24.0	24.3	24.4	24.4	24.7	24.7	25.2	25.3
≥ 12000	22.5	25.6	26.1	26.3	26.3	26.3	26.5	26.5	26.5	26.8	26.9	26.9	27.2	27.2	27.7	27.9
≥ 10000	25.6	28.8	29.3	29.5	29.5	29.5	29.7	29.7	29.7	30.0	30.1	30.1	30.4	30.4	30.9	31.1
≥ 9000	26.7	29.9	30.4	30.5	30.5	30.5	30.8	30.8	30.8	31.1	31.2	31.2	31.5	31.5	32.0	32.1
≥ 8000	27.6	30.9	31.5	31.6	31.6	31.6	31.9	31.9	31.9	32.1	32.3	32.3	32.5	32.5	33.1	33.2
≥ 7000	28.9	32.5	33.1	33.2	33.2	33.2	33.5	33.5	33.5	33.7	33.9	33.9	34.1	34.1	34.9	35.1
≥ 6000	31.1	34.8	35.3	35.5	35.5	35.5	35.7	35.7	35.7	36.0	36.1	36.1	36.4	36.4	37.2	37.3
≥ 5000	36.4	40.8	41.5	41.7	41.7	41.7	42.0	42.0	42.0	42.3	42.4	42.4	42.7	42.7	43.5	43.6
≥ 4500	39.3	44.0	44.7	45.1	45.1	45.1	45.3	45.3	45.3	45.6	45.7	45.7	46.0	46.0	46.8	46.9
≥ 4000	41.5	46.3	46.9	47.5	47.5	47.5	47.7	47.7	47.7	48.0	48.1	48.1	48.4	48.4	49.2	49.3
≥ 3500	43.7	48.9	49.7	50.3	50.3	50.3	50.5	50.5	50.5	50.8	50.9	50.9	51.2	51.2	52.0	52.1
≥ 3000	50.1	56.7	57.9	58.4	58.7	58.7	58.9	59.1	59.1	59.3	59.5	59.5	59.7	59.7	60.5	60.7
≥ 2500	53.9	61.7	63.6	64.3	64.5	64.5	64.8	64.9	64.9	65.2	65.3	65.3	65.6	65.6	66.4	66.5
≥ 2000	58.5	68.4	70.9	71.6	71.9	71.9	72.1	72.3	72.3	72.5	72.7	72.7	72.9	72.9	73.7	73.9
≥ 1800	60.7	71.5	74.1	74.8	75.2	75.2	75.5	75.6	75.6	75.9	76.0	76.0	76.3	76.3	77.1	77.2
≥ 1500	62.8	74.0	76.8	77.6	78.0	78.0	78.3	78.4	78.4	78.8	78.9	78.9	79.2	79.2	80.0	80.1
≥ 1200	67.2	79.2	82.1	83.1	83.6	83.6	83.9	84.0	84.0	84.4	84.5	84.5	84.8	84.8	85.6	85.7
≥ 1000	68.3	80.8	83.9	85.1	85.6	85.6	86.0	86.1	86.1	86.5	86.7	86.7	86.9	86.9	87.7	87.9
≥ 900	68.8	81.7	84.8	86.3	86.9	86.9	87.3	87.5	87.5	87.9	88.0	88.0	88.3	88.3	89.1	89.2
≥ 800	69.1	82.3	85.3	86.8	87.5	87.5	88.0	88.1	88.1	88.5	88.7	88.7	88.9	88.9	89.7	89.9
≥ 700	69.3	82.9	86.1	87.6	88.5	88.5	89.1	89.2	89.2	89.6	89.7	89.7	90.0	90.0	90.8	90.9
≥ 600	69.6	83.6	86.8	88.3	89.3	89.3	90.1	90.3	90.3	90.7	90.8	90.8	91.1	91.1	91.9	92.0
≥ 500	69.7	83.9	87.1	88.5	89.6	89.6	90.4	90.5	90.5	91.1	91.3	91.3	91.9	91.9	92.7	92.8
≥ 400	69.7	83.9	87.2	88.9	90.3	90.3	91.3	91.5	91.5	92.1	92.5	92.5	93.1	93.1	93.9	94.0
≥ 300	69.9	84.0	87.3	89.1	90.7	90.7	91.7	92.0	92.0	92.9	93.5	93.5	94.1	94.1	95.1	95.2
≥ 200	69.9	84.0	87.3	89.1	90.7	90.7	92.3	92.5	92.5	93.9	94.5	94.5	95.2	95.2	96.7	97.1
≥ 100	69.9	84.0	87.3	89.1	90.7	90.7	92.3	92.5	92.5	94.0	94.7	94.7	95.5	95.5	98.1	99.2
≥ 0	69.9	84.0	87.3	89.1	90.7	90.7	92.3	92.5	92.5	94.0	94.7	94.7	95.5	95.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 750

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7?7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	15.4	16.7	16.8	16.8	16.8	16.8	17.1	17.1	17.1	17.4	17.4	17.4	17.4	17.4	17.6	17.9
≥ 20000	17.1	18.7	18.9	18.9	18.9	18.9	19.1	19.1	19.1	19.4	19.4	19.4	19.4	19.4	19.7	19.9
≥ 18000	17.5	19.1	19.3	19.3	19.3	19.3	19.5	19.5	19.5	19.8	19.8	19.8	19.8	19.8	20.1	20.3
≥ 16000	17.9	19.7	19.9	19.9	19.9	19.9	20.2	20.2	20.2	20.5	20.5	20.5	20.5	20.5	20.7	21.0
≥ 14000	19.7	21.7	21.9	21.9	21.9	21.9	22.2	22.2	22.2	22.5	22.5	22.5	22.6	22.6	22.9	23.1
≥ 12000	20.9	23.1	23.5	23.5	23.5	23.5	23.8	23.8	23.8	24.1	24.1	24.1	24.2	24.2	24.5	24.7
≥ 10000	22.3	25.3	25.7	25.7	25.7	25.7	25.9	25.9	25.9	26.2	26.2	26.2	26.3	26.3	26.6	26.9
≥ 9000	23.0	26.1	26.5	26.5	26.5	26.5	26.7	26.7	26.7	27.0	27.0	27.0	27.1	27.1	27.4	27.7
≥ 8000	26.1	29.5	29.9	29.9	29.9	29.9	30.2	30.2	30.2	30.5	30.5	30.5	30.6	30.6	30.9	31.1
≥ 7000	28.1	31.8	32.2	32.2	32.2	32.2	32.5	32.5	32.5	32.9	32.9	32.9	33.2	33.2	33.6	33.8
≥ 6000	29.7	33.8	34.4	34.4	34.4	34.4	34.6	34.6	34.6	35.0	35.0	35.0	35.3	35.3	35.7	36.0
≥ 5000	31.7	36.0	36.6	36.6	36.6	36.6	36.9	36.9	36.9	37.3	37.3	37.3	37.6	37.6	38.0	38.2
≥ 4500	34.0	38.4	39.0	39.0	39.0	39.0	39.3	39.3	39.3	39.7	39.7	39.7	40.0	40.0	40.4	40.6
≥ 4000	37.4	42.0	42.8	42.8	42.8	42.8	43.0	43.0	43.0	43.4	43.4	43.4	43.7	43.7	44.1	44.4
≥ 3500	41.4	46.3	47.2	47.5	47.5	47.5	47.7	47.7	47.7	48.3	48.3	48.3	48.5	48.5	49.1	49.3
≥ 3000	45.7	51.5	52.5	52.8	52.8	52.8	53.1	53.1	53.1	53.6	53.6	53.6	53.9	53.9	54.4	54.7
≥ 2500	50.3	57.5	59.0	59.5	59.6	59.6	59.9	59.9	59.9	60.4	60.4	60.4	60.7	60.7	61.2	61.5
≥ 2000	54.4	63.6	65.2	66.4	66.6	66.6	66.8	66.8	66.8	67.4	67.4	67.4	67.6	67.6	68.2	68.6
≥ 1800	56.4	66.4	68.3	69.8	70.2	70.2	70.5	70.5	70.5	71.0	71.0	71.0	71.3	71.3	71.8	72.2
≥ 1500	59.2	70.6	72.9	74.6	75.1	75.1	75.4	75.5	75.5	76.1	76.1	76.1	76.3	76.3	76.9	77.3
≥ 1200	63.5	75.9	78.3	80.3	80.9	80.9	81.1	81.3	81.3	81.8	81.8	81.8	82.1	82.1	82.6	83.0
≥ 1000	64.7	78.2	80.6	82.8	83.3	83.3	83.7	83.8	83.8	84.4	84.4	84.4	84.6	84.6	85.2	85.6
≥ 900	64.7	78.6	81.0	83.3	83.8	83.8	84.4	84.5	84.5	85.0	85.0	85.0	85.3	85.3	85.8	86.2
≥ 800	65.8	79.8	82.2	84.6	85.2	85.3	85.8	86.0	86.0	86.5	86.5	86.5	86.8	86.8	87.3	87.7
≥ 700	65.8	80.2	82.6	85.0	85.7	85.8	86.4	86.6	86.6	87.2	87.2	87.2	87.4	87.4	88.0	88.4
≥ 600	66.2	81.0	84.0	86.5	87.3	87.4	88.2	88.5	88.5	89.2	89.2	89.2	89.4	89.4	90.0	90.4
≥ 500	66.2	81.1	84.1	86.8	87.6	87.7	88.5	88.8	88.8	89.6	89.6	89.6	89.8	89.8	90.4	90.8
≥ 400	66.3	81.4	84.6	87.6	88.9	89.3	90.8	91.2	91.2	92.1	92.2	92.2	92.5	92.5	93.0	93.4
≥ 300	66.3	81.8	85.3	88.4	89.8	90.5	92.1	92.5	92.5	93.4	93.6	93.6	94.0	94.0	94.9	95.3
≥ 200	66.3	81.8	85.3	88.4	89.8	90.5	92.4	92.8	92.8	93.7	94.1	94.1	94.8	94.8	96.1	97.5
≥ 100	66.3	81.8	85.3	88.4	89.8	90.5	92.4	92.8	92.8	93.7	94.3	94.3	95.2	95.2	96.9	99.2
≥ 0	66.3	81.8	85.3	88.4	89.8	90.5	92.4	92.8	92.8	93.7	94.3	94.3	95.2	95.2	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 748

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	18.1	18.9	19.3	19.7	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.8	21.1
≥ 20000	22.1	22.9	23.3	23.7	24.1	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.7	24.7	25.1	25.3
≥ 18000	22.3	23.1	23.5	23.9	24.3	24.4	24.7	24.7	24.7	24.7	24.7	24.7	24.8	24.8	25.2	25.5
≥ 16000	22.4	23.5	23.9	24.3	24.7	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.6	25.9
≥ 14000	23.7	24.9	25.3	25.7	26.1	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.8	26.8	27.2	27.5
≥ 12000	28.0	29.2	29.6	30.0	30.4	30.5	30.8	30.8	30.8	30.8	30.8	30.8	31.1	31.1	31.5	31.7
≥ 10000	30.5	32.0	32.5	33.2	33.6	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.3	34.3	34.7	34.9
≥ 9000	31.9	33.5	34.0	34.7	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	36.1	36.4
≥ 8000	33.5	35.1	35.6	36.3	36.7	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.3	37.3	37.7	38.0
≥ 7000	35.1	36.9	37.5	38.1	38.5	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.2	39.2	39.6	39.9
≥ 6000	36.5	38.4	39.1	39.7	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.8	40.8	41.2	41.5
≥ 5000	40.4	42.8	43.5	44.1	44.5	44.7	44.9	44.9	44.9	44.9	44.9	44.9	45.2	45.2	45.6	45.9
≥ 4500	42.9	45.3	46.0	46.7	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.9	47.9	48.3	48.5
≥ 4000	46.1	48.7	49.3	50.0	50.4	50.7	50.9	50.9	50.9	50.9	50.9	50.9	51.3	51.3	51.7	52.0
≥ 3500	49.5	52.5	53.2	53.9	54.4	54.7	54.9	54.9	54.9	54.9	54.9	54.9	55.3	55.3	55.7	56.0
≥ 3000	54.4	58.5	59.3	60.1	60.7	60.9	61.3	61.3	61.3	61.5	61.5	61.5	61.9	61.9	62.3	62.5
≥ 2500	59.6	64.7	66.1	66.9	67.5	67.7	68.1	68.1	68.1	68.3	68.3	68.3	68.7	68.7	69.1	69.3
≥ 2000	62.5	68.5	70.4	71.5	72.1	72.5	72.9	72.9	72.9	73.1	73.1	73.1	73.5	73.5	73.9	74.1
≥ 1800	64.1	71.7	73.6	74.9	75.6	76.0	76.4	76.4	76.4	76.5	76.5	76.5	76.9	76.9	77.3	77.6
≥ 1500	67.1	75.7	77.7	79.1	79.9	80.3	80.7	80.8	80.8	80.9	80.9	80.9	81.3	81.3	81.7	82.0
≥ 1200	69.6	79.2	81.3	83.3	84.4	84.9	85.7	86.0	86.0	86.1	86.1	86.1	86.5	86.5	86.9	87.2
≥ 1000	70.9	81.1	83.3	85.7	86.9	87.5	88.5	88.9	88.9	89.1	89.1	89.1	89.5	89.5	89.9	90.1
≥ 900	71.3	82.0	84.3	86.7	88.0	88.5	89.6	90.0	90.0	90.1	90.1	90.1	90.5	90.5	90.9	91.2
≥ 800	71.3	82.1	84.4	86.8	88.1	88.7	89.7	90.1	90.1	90.4	90.4	90.4	90.8	90.8	91.2	91.5
≥ 700	71.6	82.5	84.9	87.5	89.1	89.6	90.7	91.1	91.1	91.3	91.3	91.3	91.7	91.7	92.1	92.4
≥ 600	71.6	83.1	85.7	88.3	90.0	90.7	91.7	92.4	92.4	92.8	92.8	92.8	93.2	93.2	93.6	93.9
≥ 500	71.7	83.5	86.1	88.7	90.5	91.2	92.3	93.2	93.2	93.7	93.7	93.7	94.1	94.1	94.5	94.8
≥ 400	71.9	83.7	86.4	88.9	90.8	91.5	92.5	93.5	93.5	94.4	94.4	94.4	95.1	95.1	95.5	95.7
≥ 300	71.9	83.7	86.4	88.9	90.8	91.5	92.9	94.0	94.0	95.3	95.6	95.6	96.3	96.3	96.7	97.2
≥ 200	71.9	83.7	86.4	89.1	90.9	91.6	93.1	94.1	94.1	95.6	96.0	96.0	96.9	96.9	98.3	99.1
≥ 100	71.9	83.7	86.4	89.1	90.9	91.6	93.1	94.1	94.1	95.6	96.0	96.0	96.9	96.9	98.4	99.7
≥ 0	71.9	83.7	86.4	89.1	90.9	91.6	93.1	94.1	94.1	95.6	96.0	96.0	96.9	96.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 750

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	19.7	21.0	22.1	22.3	22.5	22.7	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2
≥ 20000	24.5	25.9	26.9	27.1	27.3	27.5	27.9	27.9	27.9	28.0	28.0	28.0	28.2	28.2	28.2
≥ 18000	24.8	26.1	27.2	27.3	27.6	27.7	28.2	28.2	28.2	28.3	28.3	28.3	28.4	28.4	28.4
≥ 16000	25.3	26.7	27.7	27.9	28.2	28.3	28.7	28.7	28.7	28.8	28.8	28.8	29.0	29.0	29.0
≥ 14000	28.2	29.5	30.6	30.7	31.0	31.1	31.5	31.5	31.5	31.6	31.6	31.6	31.8	31.8	31.8
≥ 12000	31.6	33.0	34.0	34.2	34.5	34.6	35.0	35.0	35.0	35.1	35.1	35.1	35.3	35.3	35.3
≥ 10000	34.2	35.7	36.7	37.1	37.4	37.5	37.9	37.9	37.9	38.1	38.1	38.1	38.2	38.2	38.2
≥ 9000	35.7	37.1	38.2	38.6	38.9	39.0	39.4	39.4	39.4	39.5	39.5	39.5	39.7	39.7	39.7
≥ 8000	37.7	39.1	40.2	40.6	40.9	41.0	41.4	41.4	41.4	41.6	41.6	41.6	41.7	41.7	41.7
≥ 7000	39.8	41.4	42.5	42.9	43.2	43.3	43.7	43.7	43.7	43.8	43.8	43.8	44.0	44.0	44.0
≥ 6000	41.4	43.0	44.1	44.5	44.8	44.9	45.3	45.3	45.3	45.4	45.4	45.4	45.6	45.6	45.6
≥ 5000	44.8	47.1	48.1	48.5	48.8	48.9	49.3	49.3	49.3	49.5	49.5	49.5	49.6	49.6	49.6
≥ 4500	47.1	49.6	50.8	51.2	51.5	51.6	52.0	52.0	52.0	52.3	52.3	52.3	52.4	52.4	52.4
≥ 4000	50.5	53.4	54.7	55.1	55.4	55.5	55.9	55.9	55.9	56.2	56.2	56.2	56.3	56.3	56.3
≥ 3500	53.4	57.2	59.1	59.5	59.8	59.9	60.5	60.5	60.5	60.9	60.9	60.9	61.0	61.0	61.0
≥ 3000	59.4	63.9	65.8	66.4	66.6	66.8	67.3	67.3	67.3	67.7	67.7	67.7	67.8	67.8	67.8
≥ 2500	64.2	70.6	72.7	73.2	73.5	73.6	74.3	74.3	74.3	74.7	74.7	74.7	74.8	74.8	74.8
≥ 2000	70.0	77.5	79.5	80.2	80.4	80.6	81.4	81.5	81.5	81.9	81.9	81.9	82.0	82.0	82.0
≥ 1800	71.6	79.9	81.9	82.6	82.8	83.0	83.8	83.9	83.9	84.3	84.3	84.3	84.5	84.5	84.5
≥ 1500	73.5	82.2	84.2	84.9	85.3	85.5	86.3	86.5	86.5	86.9	86.9	86.9	87.0	87.0	87.0
≥ 1200	74.9	84.2	86.3	87.4	87.8	88.1	88.9	89.0	89.0	89.7	89.7	89.7	89.8	89.8	89.8
≥ 1000	75.7	85.3	87.4	88.7	89.1	89.7	90.8	91.0	91.0	91.8	91.8	91.8	92.0	92.0	92.0
≥ 900	75.9	86.1	88.2	89.5	90.2	90.6	92.0	92.2	92.2	93.0	93.2	93.2	93.3	93.3	93.3
≥ 800	76.0	86.5	88.6	89.9	90.6	91.3	92.4	92.6	92.6	93.7	93.8	93.8	94.0	94.0	94.0
≥ 700	76.3	86.9	89.0	90.5	91.3	92.0	93.2	93.4	93.4	94.5	94.6	94.6	94.8	94.8	94.8
≥ 600	76.5	87.7	89.9	91.7	92.5	93.3	94.6	94.9	94.9	96.1	96.2	96.2	96.4	96.4	96.4
≥ 500	76.5	87.8	90.1	91.8	92.6	93.4	94.8	95.0	95.0	96.2	96.4	96.4	96.5	96.5	96.6
≥ 400	76.5	87.8	90.2	92.0	92.9	93.8	95.4	95.8	95.8	97.1	97.2	97.2	97.3	97.3	97.5
≥ 300	76.5	87.8	90.2	92.0	93.3	94.4	96.0	96.5	96.5	97.9	98.0	98.0	98.7	98.7	98.8
≥ 200	76.5	87.8	90.2	92.0	93.3	94.5	96.1	96.6	96.6	98.0	98.1	98.1	99.1	99.1	99.3
≥ 100	76.5	87.8	90.2	92.0	93.3	94.5	96.1	96.6	96.6	98.0	98.1	98.1	99.1	99.2	99.7
≥ 0	76.5	87.8	90.2	92.0	93.3	94.5	96.1	96.6	96.6	98.0	98.1	98.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 746

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	23.0	25.5	26.3	26.5	27.1	27.1	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
≥ 20000	28.7	31.3	32.1	32.2	32.9	32.9	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
≥ 18000	29.3	31.8	32.6	32.8	33.4	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 16000	29.8	32.5	33.3	33.4	34.1	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 14000	32.6	35.3	36.1	36.2	36.9	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 12000	36.1	38.8	39.7	39.8	40.5	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 10000	37.6	40.4	41.3	41.4	42.1	42.1	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 9000	38.8	41.6	42.5	42.6	43.3	43.3	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
≥ 8000	40.6	43.4	44.4	44.5	45.2	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 7000	42.8	45.6	46.5	46.7	47.3	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 6000	45.7	48.7	49.6	49.7	50.4	50.4	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 5000	48.1	51.1	52.0	52.1	52.8	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 4500	51.1	54.5	55.5	55.7	56.7	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 4000	55.6	59.6	60.6	61.0	61.9	61.9	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3500	59.8	64.2	65.4	65.8	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	66.2	71.4	72.9	73.5	74.5	74.5	74.7	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
≥ 2500	70.1	76.9	78.6	79.3	80.5	80.5	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
≥ 2000	74.2	82.2	84.1	84.9	86.4	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 1800	74.9	83.3	85.2	86.0	87.4	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 1500	76.6	86.0	87.8	88.6	90.1	90.1	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 1200	77.5	88.1	90.0	90.8	92.4	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2
≥ 1000	77.8	88.9	90.8	92.2	94.0	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 900	77.9	89.3	91.2	92.8	94.9	95.1	95.5	95.7	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 800	77.9	89.3	91.3	92.9	95.1	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
≥ 700	78.5	90.0	92.0	93.6	95.7	96.4	96.9	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6
≥ 600	78.5	90.0	92.0	93.7	95.9	96.5	97.3	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0
≥ 500	78.5	90.0	92.0	93.7	96.0	96.7	97.9	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 400	78.5	90.0	92.1	93.9	96.3	96.9	98.1	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 300	78.5	90.0	92.1	93.9	96.3	96.9	98.1	98.7	98.7	98.7	98.7	98.7	99.3	99.3	99.3	99.3
≥ 200	78.5	90.0	92.1	93.9	96.3	97.1	98.3	98.8	98.8	99.2	99.2	99.2	99.9	99.9	99.9	99.9
≥ 100	78.5	90.0	92.1	93.9	96.3	97.1	98.3	98.8	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0
≥ 0	78.5	90.0	92.1	93.9	96.3	97.1	98.3	98.8	98.8	99.2	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 748

USAF ETAC FORM 10L 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (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	26.6	28.4	29.3	30.1	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	29.3	31.1	32.1	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 18000	29.3	31.1	32.1	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 16000	29.7	31.5	32.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
≥ 14000	32.1	34.3	35.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 12000	32.9	35.1	36.1	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 10000	35.1	37.5	38.6	39.5	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥ 9000	36.4	38.8	39.9	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 8000	37.6	40.2	41.2	42.2	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 7000	39.1	41.6	42.7	43.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 6000	41.6	44.2	45.4	46.3	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 5000	46.1	48.7	49.9	50.9	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4500	49.4	52.2	53.4	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4000	53.1	56.2	57.6	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
≥ 3500	58.5	62.1	63.7	64.8	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 3000	62.2	66.6	68.6	70.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 2500	66.0	71.1	73.6	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2000	70.4	77.0	79.9	82.5	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1800	72.6	79.8	83.0	85.7	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	74.3	82.3	85.7	88.8	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200	75.2	83.8	87.6	91.3	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1000	75.6	85.0	88.9	92.9	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	75.8	85.4	89.3	93.4	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	75.9	85.5	89.6	93.8	96.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	76.3	86.1	90.1	94.4	96.9	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	76.4	86.3	90.5	95.0	97.6	97.7	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	76.4	86.3	90.5	95.2	97.7	97.9	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	76.4	86.3	90.5	95.2	97.7	97.9	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 300	76.4	86.3	90.5	95.3	97.9	98.0	98.8	98.8	98.8	99.2	99.2	99.2	99.5	99.5	99.6	99.6
≥ 200	76.4	86.3	90.5	95.3	97.9	98.0	98.8	98.8	98.8	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 100	76.4	86.3	90.5	95.3	97.9	98.0	98.8	98.8	98.8	99.6	99.6	99.6	99.9	99.9	100.0	100.0
≥ 0	76.4	86.3	90.5	95.3	97.9	98.0	98.8	98.8	98.8	99.6	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 747

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7'793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	23.7	25.4	26.4	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 20000	25.8	27.6	28.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 18000	25.8	27.6	28.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 16000	26.0	27.7	28.6	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 14000	26.8	28.6	29.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 12000	29.2	31.3	32.4	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 10000	30.9	33.3	34.4	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 9000	31.7	34.1	35.2	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 8000	33.6	36.1	37.2	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 7000	36.3	38.8	39.9	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 6000	37.9	40.4	41.5	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 5000	42.2	45.4	46.5	47.4	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 4500	45.2	48.7	49.8	51.1	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 4000	48.5	52.7	53.8	55.2	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3500	50.9	56.5	57.8	59.3	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 3000	56.1	62.5	64.1	66.0	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 2500	60.6	68.7	70.3	72.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥ 2000	64.1	73.5	75.2	77.8	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 1800	66.7	76.3	78.2	80.7	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 1500	68.9	79.9	81.8	84.7	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1200	71.4	83.8	85.9	89.2	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1000	72.3	85.7	88.6	91.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	72.8	86.3	89.3	92.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 800	73.0	86.5	89.4	92.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 700	73.5	87.6	90.5	93.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	73.6	88.0	91.0	94.5	95.6	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500	73.6	88.0	91.0	94.8	95.9	96.0	96.4	96.4	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9
≥ 400	73.8	88.2	91.4	95.3	96.5	96.7	97.1	97.1	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 300	74.0	88.6	92.1	96.0	97.2	97.5	98.1	98.1	98.1	98.8	98.8	98.8	98.9	98.9	99.1	99.1
≥ 200	74.0	88.6	92.1	96.0	97.2	97.5	98.1	98.1	98.1	98.9	98.9	98.9	99.5	99.5	99.6	99.6
≥ 100	74.0	88.6	92.1	96.0	97.2	97.5	98.1	98.1	98.1	98.9	99.1	99.1	99.6	99.6	99.7	100.0
≥ 0	74.0	88.6	92.1	96.0	97.2	97.5	98.1	98.1	98.1	98.9	99.1	99.1	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 747

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	20.4	22.2	22.9	23.3	23.5	23.5	23.7	23.7	23.7	23.8	23.8	23.8	23.9	23.9	24.0	24.1
≥ 20000	23.7	25.6	26.3	26.7	26.9	27.0	27.2	27.2	27.2	27.3	27.3	27.3	27.4	27.4	27.5	27.6
≥ 18000	23.9	25.8	26.5	26.9	27.2	27.2	27.4	27.4	27.4	27.5	27.5	27.5	27.6	27.6	27.7	27.8
≥ 16000	24.2	26.2	26.9	27.3	27.6	27.6	27.8	27.8	27.8	27.9	27.9	27.9	28.0	28.0	28.2	28.2
≥ 14000	26.0	28.1	28.9	29.3	29.6	29.6	29.8	29.8	29.8	29.9	29.9	29.9	30.0	30.0	30.2	30.3
≥ 12000	28.5	30.7	31.5	31.9	32.2	32.2	32.4	32.4	32.4	32.5	32.5	32.5	32.7	32.7	32.8	32.9
≥ 10000	30.8	33.3	34.1	34.6	34.8	34.9	35.0	35.1	35.1	35.2	35.2	35.2	35.3	35.3	35.4	35.5
≥ 9000	31.8	34.4	35.2	35.7	35.9	36.0	36.1	36.2	36.2	36.3	36.3	36.3	36.4	36.4	36.5	36.6
≥ 8000	33.5	36.2	37.0	37.5	37.8	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.2	38.2	38.4	38.5
≥ 7000	35.5	38.2	39.0	39.5	39.8	39.9	40.0	40.1	40.1	40.2	40.2	40.2	40.3	40.3	40.5	40.6
≥ 6000	37.4	40.2	41.1	41.6	41.9	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.4	42.4	42.6	42.6
≥ 5000	41.1	44.4	45.3	45.8	46.1	46.2	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.8	46.9
≥ 4500	43.8	47.4	48.3	49.0	49.3	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.9	49.9	50.1	50.2
≥ 4000	47.0	50.9	51.9	52.5	52.9	53.0	53.2	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.7	53.8
≥ 3500	50.4	54.9	56.1	56.9	57.3	57.4	57.6	57.6	57.6	57.8	57.8	57.8	58.0	58.0	58.2	58.3
≥ 3000	55.9	61.3	62.7	63.7	64.2	64.3	64.5	64.6	64.6	64.8	64.8	64.8	65.0	65.0	65.2	65.3
≥ 2500	60.3	67.1	68.8	70.1	70.6	70.7	71.0	71.0	71.0	71.2	71.2	71.2	71.4	71.4	71.6	71.7
≥ 2000	64.6	72.8	74.9	76.4	77.1	77.2	77.5	77.6	77.6	77.7	77.7	77.7	77.9	77.9	78.1	78.2
≥ 1800	66.3	75.4	77.5	79.1	79.9	80.0	80.3	80.4	80.4	80.6	80.6	80.6	80.7	80.7	81.0	81.1
≥ 1500	68.8	78.7	81.0	82.7	83.6	83.7	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.7	84.8
≥ 1200	71.2	82.1	84.6	86.7	87.7	87.8	88.2	88.3	88.3	88.6	88.6	88.6	88.7	88.7	89.0	89.1
≥ 1000	72.0	83.6	86.2	88.5	89.6	89.8	90.3	90.4	90.4	90.7	90.7	90.7	90.9	90.9	91.1	91.2
≥ 900	72.3	84.2	86.8	89.2	90.5	90.7	91.2	91.4	91.4	91.6	91.7	91.7	91.8	91.8	92.0	92.1
≥ 800	72.5	84.6	87.3	89.7	91.0	91.2	91.8	92.0	92.0	92.3	92.3	92.3	92.5	92.5	92.7	92.8
≥ 700	72.8	85.2	88.0	90.5	91.9	92.1	92.7	93.0	93.0	93.3	93.3	93.3	93.5	93.5	93.7	93.8
≥ 600	73.0	85.7	88.6	91.3	92.7	93.0	93.8	94.1	94.1	94.5	94.6	94.6	94.7	94.7	94.9	95.0
≥ 500	73.1	85.8	88.8	91.5	93.0	93.3	94.2	94.5	94.5	95.0	95.1	95.1	95.3	95.3	95.5	95.6
≥ 400	73.1	85.9	89.0	91.8	93.4	93.8	94.9	95.3	95.3	95.9	96.0	96.0	96.2	96.2	96.4	96.5
≥ 300	73.2	86.1	89.2	92.1	93.8	94.2	95.5	95.9	95.9	96.7	96.8	96.8	97.3	97.3	97.6	97.8
≥ 200	73.2	86.1	89.2	92.1	93.8	94.3	95.7	96.1	96.1	97.1	97.3	97.3	97.9	97.9	98.5	98.9
≥ 100	73.2	86.1	89.2	92.1	93.8	94.3	95.7	96.1	96.1	97.1	97.3	97.3	98.1	98.1	98.9	99.7
≥ 0	73.2	86.1	89.2	92.1	93.8	94.3	95.7	96.1	96.1	97.1	97.3	97.3	98.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5991

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	29.9	30.8	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 20000	30.6	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
≥ 18000	31.0	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
≥ 16000	31.4	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 14000	32.0	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 12000	34.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 10000	36.2	37.2	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥ 9000	37.7	38.6	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	40.0	40.9	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 7000	42.4	43.5	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 6000	44.9	46.0	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
≥ 5000	48.4	49.5	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 4500	52.1	53.3	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	55.4	57.1	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 3500	59.4	61.9	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 3000	62.8	65.7	66.9	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
≥ 2500	67.8	72.5	74.2	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
≥ 2000	71.4	76.6	78.5	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
≥ 1800	73.6	79.1	80.9	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
≥ 1500	78.5	84.5	86.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
≥ 1200	83.1	89.6	91.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.9
≥ 1000	84.9	91.6	93.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.2
≥ 900	84.9	91.9	93.7	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 800	85.2	92.6	94.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
≥ 700	85.4	93.0	94.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.5
≥ 600	85.6	93.2	95.0	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9
≥ 500	85.7	93.5	95.4	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 400	85.7	93.9	95.9	97.2	97.5	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 300	85.8	94.2	96.1	97.7	98.1	98.1	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.7
≥ 200	85.8	94.2	96.1	97.8	98.3	98.3	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.5	99.9
≥ 100	85.8	94.2	96.1	97.8	98.3	98.3	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.6	100.0
≥ 0	85.8	94.2	96.1	97.8	98.3	98.3	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥0
NO CEILING	22.3	24.2	24.5	25.0	25.0	25.0	25.0	25.0	25.0	25.2	25.2	25.2	25.4	25.4	25.4	25.4
≥ 20000	24.5	26.7	27.1	27.5	27.5	27.5	27.5	27.5	27.5	27.8	27.8	27.8	27.9	27.9	27.9	27.9
≥ 18000	24.6	26.8	27.2	27.7	27.7	27.7	27.7	27.7	27.7	27.9	27.9	27.9	28.0	28.0	28.0	28.0
≥ 16000	24.8	26.9	27.3	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.0	28.1	28.1	28.1	28.1
≥ 14000	25.1	27.3	27.7	28.1	28.1	28.1	28.1	28.1	28.1	28.4	28.4	28.4	28.5	28.5	28.5	28.5
≥ 12000	26.7	29.1	29.6	30.1	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.3	30.4	30.4	30.4	30.4
≥ 10000	28.6	31.0	31.5	32.0	32.0	32.0	32.0	32.0	32.0	32.2	32.2	32.2	32.4	32.4	32.4	32.4
≥ 9000	29.3	31.8	32.2	32.7	32.7	32.7	32.7	32.7	32.7	33.0	33.0	33.0	33.1	33.1	33.1	33.1
≥ 8000	30.8	33.2	33.7	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.5	34.5	34.5	34.5
≥ 7000	33.0	35.4	35.9	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.7	36.7	36.7	36.7
≥ 6000	35.7	38.2	38.6	39.1	39.1	39.1	39.1	39.1	39.1	39.4	39.4	39.4	39.5	39.5	39.5	39.5
≥ 5000	39.3	41.9	42.4	42.9	42.9	42.9	42.9	42.9	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2
≥ 4500	41.4	44.1	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.3	45.3	45.3	45.4	45.4	45.4	45.4
≥ 4000	46.0	49.0	49.5	50.1	50.1	50.2	50.2	50.2	50.2	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 3500	49.6	53.9	54.6	55.2	55.2	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.7	55.7	55.7	55.7
≥ 3000	54.3	59.7	60.6	61.4	61.4	61.5	61.5	61.5	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8
≥ 2500	60.7	67.1	68.6	69.4	69.4	69.6	69.6	69.6	69.6	69.8	69.8	69.8	69.9	69.9	69.9	69.9
≥ 2000	64.9	72.0	73.7	74.8	74.8	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.2
≥ 1800	66.4	74.0	75.8	77.1	77.1	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.5	77.5	77.5	77.5
≥ 1500	70.4	78.9	81.0	82.4	82.4	82.5	82.5	82.5	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9
≥ 1200	77.5	86.7	88.9	90.3	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9
≥ 1000	79.5	89.0	91.2	92.8	93.0	93.1	93.1	93.1	93.1	93.5	93.5	93.5	93.6	93.6	93.6	93.6
≥ 900	79.7	89.5	91.7	93.4	93.6	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.2	94.2	94.2	94.2
≥ 800	79.7	89.7	91.9	93.6	94.0	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.6	94.6	94.6	94.6
≥ 700	80.1	90.1	92.3	94.1	94.4	94.6	94.6	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 600	80.3	90.6	92.9	94.9	95.3	95.5	95.7	95.7	95.7	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 500	80.3	90.6	92.9	94.9	95.4	95.7	95.8	95.9	95.9	96.3	96.3	96.3	96.4	96.4	96.4	96.4
≥ 400	80.3	90.7	93.2	95.8	96.3	96.5	96.6	96.9	96.9	97.3	97.3	97.3	97.6	97.6	97.6	97.6
≥ 300	80.4	90.9	93.6	96.4	97.0	97.2	97.5	97.7	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4
≥ 200	80.4	90.9	93.6	96.4	97.0	97.2	97.8	98.1	98.1	99.0	99.0	99.0	99.6	99.6	99.8	99.8
≥ 100	80.4	90.9	93.6	96.4	97.0	97.2	97.8	98.1	98.1	99.0	99.0	99.0	99.9	99.9	100.0	100.0
≥ 0	80.4	90.9	93.6	96.4	97.0	97.2	97.8	98.1	98.1	99.0	99.0	99.0	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP,WA 73-81 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	M
NO CEILING	27.0	22.5	22.9	23.3	23.5	23.5	23.8	23.8	23.8	24.2	24.4	24.4	24.7	24.7	24.7	24.7
≥ 20000	21.7	24.4	24.8	25.3	25.4	25.4	25.8	25.8	25.8	26.1	26.4	26.4	26.6	26.6	26.6	26.6
≥ 18000	21.9	24.7	25.0	25.5	25.6	25.6	26.0	26.0	26.0	26.4	26.6	26.6	26.8	26.8	26.8	26.8
≥ 16000	22.3	25.2	25.5	26.0	26.1	26.1	26.5	26.5	26.5	26.8	27.1	27.1	27.3	27.3	27.3	27.3
≥ 14000	22.7	25.6	26.0	26.5	26.6	26.6	27.0	27.0	27.0	27.3	27.6	27.6	27.8	27.8	27.8	27.8
≥ 12000	24.2	27.3	27.7	28.2	28.3	28.3	28.6	28.6	28.6	29.0	29.2	29.2	29.5	29.5	29.5	29.5
≥ 10000	26.1	29.2	29.6	30.1	30.2	30.2	30.6	30.6	30.6	30.9	31.2	31.2	31.4	31.4	31.4	31.4
≥ 9000	26.6	29.7	30.1	30.6	30.7	30.7	31.0	31.0	31.0	31.4	31.6	31.6	31.9	31.9	31.9	31.9
≥ 8000	27.7	31.0	31.4	31.9	32.0	32.0	32.4	32.4	32.4	32.7	33.0	33.0	33.2	33.2	33.2	33.2
≥ 7000	29.2	32.7	33.1	33.6	33.7	33.7	34.1	34.1	34.1	34.4	34.8	34.8	35.0	35.0	35.1	35.1
≥ 6000	30.8	34.4	34.8	35.3	35.4	35.4	35.7	35.7	35.7	36.1	36.5	36.5	36.7	36.7	36.8	36.8
≥ 5000	35.4	39.1	39.6	40.1	40.2	40.2	40.6	40.6	40.6	40.9	41.3	41.3	41.5	41.5	41.6	41.6
≥ 4500	37.2	41.5	42.1	42.7	42.8	42.8	43.2	43.2	43.2	43.6	43.9	43.9	44.2	44.2	44.3	44.3
≥ 4000	40.7	45.5	46.2	46.8	47.1	47.1	47.4	47.4	47.4	47.8	48.1	48.1	48.4	48.4	48.5	48.5
≥ 3500	44.9	50.3	51.1	51.7	52.0	52.0	52.3	52.3	52.3	52.7	53.1	53.1	53.3	53.3	53.4	53.4
≥ 3000	52.0	59.1	60.4	61.0	61.3	61.3	61.6	61.6	61.6	62.0	62.3	62.3	62.6	62.6	62.7	62.7
≥ 2500	53.9	62.6	64.4	65.1	65.5	65.5	65.8	65.8	65.8	66.2	66.5	66.5	66.8	66.8	66.9	66.9
≥ 2000	58.0	68.4	70.3	71.1	71.5	71.5	72.0	72.0	72.0	72.3	72.7	72.7	72.9	72.9	73.0	73.0
≥ 1800	59.6	70.4	72.6	73.6	74.0	74.0	74.6	74.6	74.6	75.0	75.3	75.3	75.6	75.6	75.7	75.7
≥ 1500	64.4	75.7	77.9	79.1	79.4	79.4	80.0	80.0	80.0	80.4	80.7	80.7	81.0	81.0	81.1	81.1
≥ 1200	69.2	81.1	83.4	85.1	85.7	85.8	86.5	86.6	86.6	87.0	87.4	87.4	87.6	87.6	87.7	87.7
≥ 1000	70.9	83.6	85.9	87.6	88.4	88.7	89.4	89.5	89.5	90.0	90.4	90.4	90.6	90.6	90.7	90.7
≥ 900	71.6	84.6	86.9	88.6	89.4	89.8	90.5	90.6	90.6	91.1	91.5	91.5	91.7	91.7	91.8	91.8
≥ 800	72.0	85.6	87.8	89.5	90.4	90.7	91.5	91.6	91.6	92.1	92.4	92.4	92.7	92.7	92.8	92.8
≥ 700	72.1	85.7	88.0	89.8	90.6	91.0	91.7	91.8	91.8	92.3	92.7	92.7	92.9	92.9	93.0	93.0
≥ 600	72.3	86.3	89.0	91.0	91.8	92.2	92.9	93.0	93.0	93.5	93.9	93.9	94.1	94.1	94.2	94.2
≥ 500	72.3	86.5	89.4	91.6	92.4	92.8	93.9	94.1	94.1	94.6	94.9	94.9	95.2	95.2	95.3	95.3
≥ 400	72.4	86.6	89.7	92.2	93.0	93.4	94.6	94.9	94.9	95.5	96.0	96.0	96.3	96.3	96.4	96.5
≥ 300	72.4	86.8	89.9	92.4	93.5	94.0	95.4	95.8	95.8	96.4	96.9	96.9	97.1	97.1	97.4	97.8
≥ 200	72.4	86.8	89.9	92.4	93.5	94.0	95.4	95.9	95.9	96.8	97.5	97.5	97.7	97.7	98.3	98.8
≥ 100	72.4	86.8	89.9	92.4	93.5	94.0	95.4	95.9	95.9	96.9	97.6	97.6	98.1	98.1	98.7	99.8
≥ 0	72.4	86.8	89.9	92.4	93.5	94.0	95.4	95.9	95.9	96.9	97.6	97.6	98.2	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 831

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP,WA | 73-81 | MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	26.2	27.3	27.6	28.0	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3	
≥ 20000	29.4	30.7	31.0	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.8	31.8	31.8	31.8	
≥ 18000	29.4	30.7	31.0	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.8	31.8	31.8	31.8	
≥ 16000	29.7	31.0	31.4	31.8	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1	32.1	32.1	
≥ 14000	30.3	31.8	32.1	32.5	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.8	32.8	32.8	32.8	
≥ 12000	31.3	33.0	33.5	33.8	33.9	33.9	33.9	33.9	33.9	34.1	34.1	34.1	34.2	34.2	34.2	34.2	
≥ 10000	32.1	33.9	34.4	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.2	35.2	35.2	35.2	
≥ 9000	33.1	34.9	35.4	35.8	35.9	35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.1	36.1	36.1	36.1	
≥ 8000	34.4	36.6	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	
≥ 7000	36.5	38.7	39.2	39.5	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9	
≥ 6000	38.1	40.5	41.0	41.4	41.5	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7	
≥ 5000	42.0	44.5	45.3	45.6	45.7	45.7	45.7	45.7	45.7	45.9	45.9	45.9	46.0	46.0	46.0	46.0	
≥ 4500	44.2	46.7	47.6	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.3	48.3	48.3	48.3	
≥ 4000	48.4	51.1	51.9	52.3	52.4	52.4	52.4	52.4	52.4	52.6	52.6	52.6	52.7	52.7	52.7	52.7	
≥ 3500	52.2	55.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	
≥ 3000	59.6	63.6	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6	
≥ 2500	64.2	69.6	70.8	71.3	71.8	72.0	72.3	72.3	72.3	72.5	72.5	72.5	72.6	72.6	72.6	72.6	
≥ 2000	68.7	74.9	76.3	76.9	77.5	77.9	78.1	78.2	78.2	78.5	78.5	78.5	78.6	78.6	78.6	78.6	
≥ 1800	70.6	76.9	78.2	78.8	79.4	79.9	80.2	80.3	80.3	80.5	80.5	80.5	80.7	80.7	80.7	80.7	
≥ 1500	74.3	81.1	82.6	83.3	84.2	84.8	85.2	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6	
≥ 1200	77.9	85.4	87.1	88.0	88.8	89.4	89.8	89.9	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	
≥ 1000	79.2	87.6	89.3	90.4	91.2	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	
≥ 900	79.2	87.8	89.5	90.6	91.6	92.3	92.7	92.8	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	
≥ 800	79.2	88.1	89.8	91.1	92.0	92.7	93.2	93.3	93.3	93.6	93.6	93.6	93.7	93.7	93.7	93.7	
≥ 700	79.4	88.7	90.6	92.0	92.8	93.6	94.2	94.3	94.3	94.6	94.6	94.6	94.8	94.8	94.8	94.8	
≥ 600	79.4	88.9	91.1	92.7	93.6	94.3	95.0	95.1	95.1	95.5	95.5	95.5	95.6	95.6	95.6	95.6	
≥ 500	79.6	89.3	91.5	93.1	93.9	94.6	96.1	96.4	96.4	96.7	96.7	96.7	96.8	96.8	97.0	97.1	
≥ 400	79.6	89.3	91.6	93.2	94.2	94.9	96.5	96.7	96.7	97.2	97.2	97.2	97.4	97.4	97.6	97.7	
≥ 300	79.6	89.3	91.6	93.3	94.6	95.5	97.3	97.7	97.7	98.4	98.4	98.4	98.7	98.7	98.8	99.1	
≥ 200	79.6	89.3	91.6	93.3	94.6	95.5	97.3	97.7	97.7	98.5	98.8	98.8	99.1	99.1	99.3	99.8	
≥ 100	79.6	89.3	91.6	93.3	94.6	95.5	97.3	97.7	97.7	98.5	98.8	98.8	99.1	99.1	99.3	100.0	
≥ 0	79.6	89.3	91.6	93.3	94.6	95.5	97.3	97.7	97.7	98.5	98.8	98.8	99.1	99.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	31.3	33.3	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	37.2	39.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 18000	37.8	40.0	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 16000	38.3	40.5	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
≥ 14000	39.2	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 12000	41.8	44.0	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 10000	43.2	45.4	45.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 9000	43.7	45.9	46.1	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 8000	44.5	46.7	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 7000	45.7	47.9	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 6000	47.4	49.6	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 5000	51.3	53.6	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 4500	54.3	56.6	56.8	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4000	56.9	59.4	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 3500	63.0	65.7	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 3000	69.6	73.2	73.6	73.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	75.2	79.2	79.8	79.9	80.2	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2000	80.4	85.0	85.6	85.9	86.3	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 1800	81.8	86.5	87.5	87.7	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	85.0	90.4	91.6	92.0	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	86.3	92.6	93.9	94.5	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	87.1	93.8	95.1	95.7	96.1	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	87.1	93.8	95.3	95.9	96.2	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 800	87.1	94.2	95.6	96.2	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	87.1	94.2	95.9	96.6	97.1	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	87.1	94.2	95.9	96.6	97.1	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	87.3	94.5	96.2	97.1	97.7	98.4	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	87.3	94.5	96.2	97.1	98.1	98.8	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.3	94.6	96.4	97.2	98.2	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.3	94.6	96.4	97.2	98.2	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.3	94.6	96.4	97.2	98.2	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	87.3	94.6	96.4	97.2	98.2	98.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	31.9	32.4	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 20000	37.9	38.6	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
≥ 15000	38.1	38.8	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 10000	38.9	39.6	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 9000	40.5	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000	43.5	44.2	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
≥ 7000	46.3	47.0	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
≥ 6000	47.3	48.0	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 5000	47.8	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 4500	50.5	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 4000	53.2	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 3500	58.2	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 3000	60.4	61.2	61.6	61.6	61.6	61.6	6 .6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 2500	64.3	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 2000	68.9	70.2	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
≥ 1800	75.7	77.4	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
≥ 1500	82.0	84.9	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1000	85.9	89.3	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	87.2	90.6	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	88.9	93.1	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 700	93.2	94.8	95.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 600	90.5	95.6	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	90.6	95.9	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	91.0	96.2	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	91.0	96.2	97.4	97.9	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	91.1	96.4	97.6	98.1	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150	91.1	96.4	97.6	98.2	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	91.1	96.4	97.6	98.2	99.0	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 50	91.1	96.4	97.6	98.2	99.0	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	91.1	96.4	97.6	98.2	99.0	99.0	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	91.1	96.4	97.6	98.2	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	91.1	96.4	97.6	98.2	99.0	99.0	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793	SEATTLE/TACOMA IAP,WA	73-81	MAR
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	≥1¼	≥1	≥⅞	≥¾	≥⅝	≥½	≥0
NO CEILING	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 18000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 14000	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 12000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 10000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
≥ 9000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 8000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 7000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 6000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 5000	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 4500	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 4000	63.2	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
≥ 3500	68.4	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	69.0
≥ 3000	74.5	76.2	76.2	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
≥ 2500	79.5	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 2000	83.4	87.2	87.3	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800	85.3	89.5	89.6	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1600	87.3	92.2	92.3	93.3	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1400	88.8	94.5	94.6	95.8	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1200	88.9	94.7	94.9	96.1	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	88.9	95.1	95.4	96.6	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	88.9	95.1	95.4	96.6	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	89.1	95.8	96.1	97.3	98.0	98.0	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	89.3	96.1	96.3	97.8	98.7	98.7	98.7	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	89.4	96.5	96.7	98.2	99.0	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	89.4	96.5	96.7	98.2	99.0	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	89.4	96.5	96.7	98.2	99.0	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	89.4	96.5	96.7	98.2	99.0	99.0	99.0	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	89.4	96.5	96.7	98.2	99.1	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	89.4	96.5	96.7	98.2	99.1	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.4	96.5	96.7	98.2	99.1	99.1	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
NO CEILING	33.1	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 20000	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 18000	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 16000	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
≥ 14000	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
≥ 12000	37.6	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 10000	39.9	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 9000	41.0	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 8000	43.9	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 7000	45.9	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 6000	48.2	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000	51.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 4500	53.9	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 4000	56.8	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 3500	60.4	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 3000	67.5	70.4	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 2500	73.5	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 2000	77.6	81.8	82.5	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
≥ 1800	79.5	83.9	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 1500	82.7	87.4	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200	86.7	92.4	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 1000	88.5	94.8	96.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	88.7	95.0	96.2	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	88.8	95.2	96.5	97.0	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	89.2	95.5	97.0	97.5	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	89.3	95.6	97.2	97.7	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	89.5	95.8	97.3	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	89.5	96.0	97.7	98.3	98.8	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	89.5	96.1	97.8	98.4	98.9	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	89.5	96.1	97.8	98.4	98.9	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100	89.5	96.1	97.8	98.4	99.0	99.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	89.5	96.1	97.8	98.4	99.0	99.3	99.5	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

77793 SEATTLE/TACOMA IAP,WA 73-81 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/8	≥¼	≥0
NO CEILING	28.6	29.8	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4
≥ 20000	31.7	33.0	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7
≥ 18000	32.0	33.2	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9
≥ 16000	32.3	33.6	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.3	34.3	34.3	34.3
≥ 14000	33.1	34.4	34.6	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.1	35.1	35.1	35.1
≥ 12000	35.0	36.4	36.7	36.9	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.2	37.2	37.2	37.2
≥ 10000	37.3	38.5	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3	39.3
≥ 9000	37.9	39.4	39.7	39.9	39.9	39.9	40.0	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
≥ 8000	39.5	41.1	41.4	41.6	41.6	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 7000	41.7	43.3	43.6	43.8	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.1
≥ 6000	44.0	45.6	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.5
≥ 5000	48.0	49.8	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.6
≥ 4500	50.5	52.4	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.3	53.3	53.3	53.3	53.4	53.4
≥ 4000	54.0	56.1	56.6	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.2	57.2	57.2
≥ 3500	58.3	61.1	61.6	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.2
≥ 3000	64.5	68.1	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.5
≥ 2500	69.6	74.4	75.3	75.8	75.9	76.0	76.1	76.1	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 2000	73.8	79.4	80.5	81.1	81.3	81.4	81.5	81.5	81.5	81.7	81.7	81.7	81.8	81.8	81.8	81.8
≥ 1800	75.5	81.3	82.6	83.2	83.5	83.6	83.7	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0
≥ 1500	78.9	85.4	86.7	87.4	87.7	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 1200	82.4	89.6	91.0	92.0	92.4	92.5	92.7	92.7	92.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0
≥ 1000	83.7	91.3	92.8	93.8	94.3	94.5	94.6	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0
≥ 900	83.8	91.7	93.2	94.3	94.8	95.0	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5
≥ 800	84.0	92.1	93.6	94.7	95.2	95.5	95.6	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0
≥ 700	84.2	92.4	94.0	95.1	95.7	95.9	96.1	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.6	96.6
≥ 600	84.3	92.6	94.4	95.6	96.2	96.5	96.7	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 500	84.4	92.9	94.6	96.0	96.6	96.8	97.3	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.9
≥ 400	84.4	93.0	94.8	96.3	97.0	97.2	97.7	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
≥ 300	84.4	93.1	95.0	96.5	97.3	97.6	98.2	98.6	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.2
≥ 200	84.4	93.1	95.0	96.5	97.3	97.7	98.4	98.7	98.7	99.2	99.3	99.3	99.5	99.5	99.6	99.7
≥ 100	84.4	93.1	95.0	96.5	97.3	97.7	98.4	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.7	100.0
≥ 0	84.4	93.1	95.0	96.5	97.3	97.7	98.4	98.8	98.8	99.2	99.3	99.3	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6596

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	38.8	39.5	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
≥ 20000	41.7	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 18000	41.7	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 16000	41.8	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 14000	41.8	42.5	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 12000	42.4	43.2	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 10000	44.9	45.7	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 9000	46.4	47.2	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 8000	48.4	49.2	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 7000	50.8	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
≥ 6000	52.4	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000	55.2	56.3	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 4500	58.2	59.6	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4000	59.7	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 3500	63.9	65.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 3000	69.0	71.5	72.6	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2500	74.5	77.7	79.0	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 2000	78.8	82.9	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
≥ 1800	80.8	85.3	86.8	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	82.3	87.3	88.8	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	85.4	91.0	92.6	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
≥ 1000	86.8	93.1	95.0	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	87.2	93.5	95.4	95.7	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 800	87.6	94.2	96.1	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
≥ 700	88.0	95.0	97.1	97.6	97.7	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	88.0	95.0	97.2	98.0	98.1	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	88.0	95.4	97.7	98.5	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 400	88.1	95.5	97.9	98.6	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	88.2	95.7	98.4	99.2	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	88.2	95.7	98.4	99.2	99.6	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.2	95.7	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.2	95.7	98.4	99.2	99.6	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0
NO CEILING	31.8	33.5	33.7	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 20000	34.7	36.6	36.7	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 18000	34.7	36.6	36.7	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 16000	34.9	36.8	36.9	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 14000	35.6	37.5	37.6	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 12000	36.9	38.8	39.0	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 10000	38.5	40.4	40.5	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 9000	39.7	41.6	41.7	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥ 8000	42.1	44.0	44.1	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 7000	43.1	45.0	45.1	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 6000	46.3	48.2	48.3	48.8	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 5000	48.9	50.8	51.1	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
≥ 4500	52.6	55.0	55.2	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 4000	54.4	57.0	57.4	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 3500	57.8	61.0	61.5	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 3000	62.8	66.7	67.7	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 2500	66.0	70.2	71.4	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 2000	70.9	76.7	77.8	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1800	72.0	77.9	79.1	79.8	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1500	75.4	81.8	83.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	79.4	86.3	87.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	81.7	88.9	90.7	91.7	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.7	92.7	92.7	92.7
≥ 900	82.2	89.8	91.7	92.7	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.7	93.7	93.7	93.7
≥ 800	83.1	90.8	92.9	93.9	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6	95.0	95.0	95.0	95.0
≥ 700	83.4	91.2	93.4	94.8	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	96.0	96.0	96.0	96.0
≥ 600	83.9	92.2	94.7	96.6	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7
≥ 500	83.9	92.3	95.0	97.1	97.6	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.4	98.4	98.4	98.4
≥ 400	84.0	92.9	95.6	97.7	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	99.0	99.0	99.0	99.0
≥ 300	84.0	92.9	95.7	98.4	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.6
≥ 200	84.0	92.9	95.7	98.4	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	100.0	100.0
≥ 100	84.0	92.9	95.7	98.4	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	100.0	100.0
≥ 0	84.0	92.9	95.7	98.4	98.9	99.0	99.1	99.1	99.1	99.4	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 793

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥	≥5/16	≥¼	≥0
NO CEILING	27.3	29.9	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.7	30.7	30.8	30.9
≥ 20000	30.7	33.4	33.5	33.8	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.2	34.4	34.4	34.7	34.8
≥ 18000	31.0	33.8	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.5	34.5	34.5	34.8	34.8	35.1	35.2
≥ 16000	31.8	34.5	34.7	34.9	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.6	35.6	35.8	35.9
≥ 14000	32.4	35.2	35.3	35.6	35.7	35.7	35.7	35.7	35.7	35.9	35.9	35.9	36.2	36.2	36.4	36.6
≥ 12000	33.8	36.6	36.7	36.9	37.1	37.1	37.1	37.1	37.1	37.3	37.3	37.3	37.6	37.6	37.8	37.9
≥ 10000	35.3	38.1	38.3	38.6	38.7	38.7	38.7	38.8	38.8	39.1	39.1	39.1	39.3	39.3	39.6	39.7
≥ 9000	36.4	39.2	39.4	39.7	39.8	39.8	39.8	39.9	39.9	40.2	40.2	40.2	40.5	40.5	40.7	40.8
≥ 8000	37.6	40.5	40.7	41.0	41.1	41.1	41.1	41.2	41.2	41.5	41.5	41.5	41.7	41.7	42.0	42.1
≥ 7000	39.6	42.5	42.7	43.0	43.1	43.1	43.1	43.2	43.2	43.5	43.5	43.5	43.7	43.7	44.0	44.1
≥ 6000	42.1	45.1	45.4	45.6	45.7	45.7	45.7	45.9	45.9	46.1	46.1	46.1	46.4	46.4	46.6	46.7
≥ 5000	44.3	47.5	47.9	48.1	48.4	48.5	48.5	48.6	48.6	48.9	48.9	48.9	49.1	49.1	49.4	49.5
≥ 4500	46.5	49.7	50.1	50.4	50.6	50.8	5 .8	50.9	50.9	51.1	51.1	51.1	51.4	51.4	51.6	51.8
≥ 4000	48.1	51.6	52.0	52.3	52.6	52.8	52.8	52.9	52.9	53.1	53.1	53.1	53.4	53.4	53.6	53.8
≥ 3500	51.1	54.8	55.2	55.4	55.9	56.0	56.0	56.2	56.2	56.4	56.4	56.4	56.7	56.7	56.9	57.0
≥ 3000	54.9	59.4	59.8	60.1	60.6	60.8	60.8	60.9	60.9	61.2	61.2	61.2	61.4	61.4	61.7	61.8
≥ 2500	58.5	63.4	63.9	64.2	64.7	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.6	65.6	65.8	66.0
≥ 2000	63.3	69.6	70.2	70.7	71.2	71.5	71.7	71.9	71.9	72.1	72.1	72.1	72.4	72.4	72.6	72.7
≥ 1800	64.2	70.7	71.4	72.0	72.5	72.7	73.0	73.1	73.1	73.4	73.4	73.4	73.6	73.6	73.9	74.0
≥ 1500	67.7	75.0	75.8	77.0	77.5	77.8	78.1	78.4	78.4	78.6	78.6	78.6	78.9	78.9	79.1	79.3
≥ 1200	73.0	81.2	82.0	83.4	84.0	84.3	84.7	84.9	84.9	85.2	85.2	85.2	85.4	85.4	85.7	85.8
≥ 1000	75.6	84.5	85.8	87.6	88.3	88.6	89.1	89.3	89.3	89.6	89.6	89.6	89.8	89.8	90.1	90.2
≥ 900	76.9	86.1	87.3	89.1	90.1	90.3	90.8	91.1	91.1	91.3	91.3	91.3	91.6	91.6	91.8	92.0
≥ 800	77.5	86.8	88.1	90.1	90.8	91.1	91.6	91.8	91.8	92.1	92.1	92.1	92.3	92.3	92.6	92.7
≥ 700	77.8	87.2	88.4	90.5	91.2	91.5	92.1	92.3	92.3	92.6	92.6	92.6	92.8	92.8	93.1	93.2
≥ 600	78.1	87.8	89.1	91.3	92.1	92.3	93.0	93.2	93.2	93.5	93.5	93.5	93.7	93.7	94.0	94.1
≥ 500	78.4	88.3	89.8	92.5	93.2	93.5	94.3	94.6	94.6	94.8	94.8	94.8	95.1	95.1	95.4	95.5
≥ 400	78.4	88.6	90.1	92.8	93.8	94.2	95.1	95.4	95.4	95.6	95.6	95.6	95.9	95.9	96.1	96.2
≥ 300	78.4	88.6	90.3	93.1	94.3	94.8	96.0	96.5	96.5	96.7	96.9	96.9	97.2	97.2	97.5	97.7
≥ 200	78.4	88.6	90.3	93.2	94.5	95.0	96.2	96.9	96.9	97.4	97.6	97.6	98.2	98.2	98.9	99.5
≥ 100	78.4	88.6	90.3	93.2	94.5	95.0	96.2	96.9	96.9	97.4	97.7	97.7	98.4	98.4	99.2	100.0
≥ 0	78.4	88.6	90.3	93.2	94.5	95.0	96.2	96.9	96.9	97.4	97.7	97.7	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 796

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	30.1	32.4	32.5	33.3	33.3	33.3	33.3	33.4	33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6
≥ 20000	36.4	39.0	39.1	39.9	39.9	40.0	40.0	40.1	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3
≥ 18000	36.7	39.4	39.5	40.2	40.2	40.3	40.3	40.5	40.5	40.6	40.7	40.7	40.7	40.7	40.7	40.7
≥ 16000	36.9	39.5	39.6	40.3	40.3	40.5	40.5	40.6	40.6	40.7	40.8	40.8	40.8	40.8	40.8	40.8
≥ 14000	38.1	40.7	40.8	41.6	41.6	41.7	41.7	41.8	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.1
≥ 12000	40.0	42.6	42.7	43.5	43.5	43.6	43.6	43.7	43.7	43.8	44.0	44.0	44.0	44.0	44.0	44.0
≥ 10000	41.7	44.3	44.5	45.2	45.2	45.3	45.3	45.5	45.5	45.6	45.7	45.7	45.7	45.7	45.7	45.7
≥ 9000	42.8	45.5	45.6	46.3	46.3	46.5	46.5	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8
≥ 8000	44.3	46.9	47.1	47.8	47.8	47.9	47.9	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.3	48.3
≥ 7000	46.0	48.6	48.7	49.4	49.4	49.6	49.6	49.7	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9
≥ 6000	47.2	49.8	49.9	50.7	50.7	50.8	50.8	50.9	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2
≥ 5000	50.1	52.8	52.9	53.7	53.7	53.8	53.8	53.9	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2
≥ 4500	50.9	53.8	53.9	54.7	54.7	54.8	54.8	54.9	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2
≥ 4000	53.9	56.8	56.9	57.7	57.7	57.8	57.8	57.9	57.9	58.0	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3500	56.9	60.0	60.1	60.9	60.9	61.0	61.0	61.1	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4
≥ 3000	62.0	65.4	65.6	66.4	66.4	66.5	66.6	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0
≥ 2500	67.2	71.1	71.5	72.2	72.2	72.4	72.5	72.6	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9
≥ 2000	73.7	78.5	79.0	79.7	79.7	79.8	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3
≥ 1800	75.5	80.8	81.3	82.2	82.2	82.3	82.4	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 1500	78.1	84.1	84.7	85.7	85.8	85.9	86.1	86.2	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1200	80.8	87.4	88.2	89.4	89.5	89.7	89.9	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1000	82.6	89.8	90.9	92.3	92.4	92.5	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	83.3	90.5	91.7	93.2	93.3	93.4	93.9	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	83.7	90.9	92.0	93.5	93.8	93.9	94.4	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	84.1	91.5	93.0	94.5	94.9	95.0	95.5	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	84.2	91.9	93.4	95.1	95.5	95.8	96.5	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	84.2	91.9	93.5	95.3	95.8	96.1	96.9	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	84.2	91.9	93.5	95.5	96.0	96.5	97.3	97.8	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	84.2	91.9	93.5	95.6	96.1	96.6	97.8	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
≥ 200	84.2	91.9	93.5	95.9	96.4	96.9	98.1	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.8	99.9
≥ 100	84.2	91.9	93.5	95.9	96.4	96.9	98.1	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.9	100.0
≥ 0	84.2	91.9	93.5	95.9	96.4	96.9	98.1	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7?793? (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	40.1	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 20000	48.1	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 18000	48.2	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	48.7	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 14000	50.1	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 12000	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 10000	52.0	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
≥ 9000	53.0	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	56.0	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 7000	57.8	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 6000	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 5000	62.7	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
≥ 4500	64.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4000	68.5	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 3500	71.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3000	77.6	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
≥ 2500	83.9	86.4	86.6	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
≥ 2000	87.5	90.4	90.7	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
≥ 1800	88.8	91.7	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	90.1	93.5	93.8	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
≥ 1200	91.8	96.2	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	92.3	97.5	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	92.3	97.6	98.1	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	92.3	97.6	98.1	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	92.3	97.6	98.1	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	92.3	97.6	98.1	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	92.3	97.9	98.5	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	92.3	97.9	98.5	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
≥ 300	92.3	97.9	98.5	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
≥ 200	92.3	97.9	98.5	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	92.3	97.9	98.5	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
≥ 0	92.3	97.9	98.5	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

TOTAL NUMBER OF OBSERVATIONS 794

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7?7937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	51.1	51.1	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
≥ 18000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 14000	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 12000	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 10000	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 9000	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 8000	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 7000	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 6000	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 5000	70.3	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	70.7
≥ 4500	72.7	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4000	77.4	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	77.8	77.8
≥ 3500	80.1	80.6	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
≥ 3000	84.3	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	88.2	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 2000	92.5	95.4	95.6	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
≥ 1800	92.9	95.7	96.0	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	93.7	97.0	97.4	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
≥ 1200	94.2	97.6	98.0	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
≥ 1000	94.2	97.9	98.2	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
≥ 900	94.2	97.9	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	94.2	97.9	98.2	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.2	97.9	98.4	99.1	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	94.2	97.9	98.5	99.2	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	94.2	97.9	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	94.2	97.9	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.2	97.9	98.5	99.2	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	94.2	97.9	98.5	99.2	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	94.2	97.9	98.5	99.2	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	94.2	97.9	98.5	99.2	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 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¼	≥1	¾	≥⅝	½	≥¼	0
NO CEILING	40.9	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
≥ 20000	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 18000	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 16000	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
≥ 14000	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 12000	50.9	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 10000	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 9000	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 8000	57.5	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
≥ 7000	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
≥ 6000	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 5000	67.1	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	67.3
≥ 4500	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	78.1	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	78.6
≥ 3000	83.8	84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 2500	86.7	88.2	88.6	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
≥ 2000	89.7	92.6	93.0	93.3	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	90.5	93.6	94.1	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	91.9	94.6	95.1	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
≥ 1200	92.3	95.6	96.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000	92.6	96.6	97.2	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	92.6	96.6	97.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	92.6	96.6	97.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	92.7	97.0	97.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	92.7	97.1	97.7	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
≥ 500	92.8	97.2	97.9	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
≥ 400	92.8	97.2	97.9	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
≥ 300	92.8	97.4	98.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.8	97.4	98.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.8	97.4	98.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.8	97.4	98.0	99.2	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 796

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEAR) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	1	1 1/4	1	3/4	≥½	½	¼	<¼
NO CEILING	40.3	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000	43.3	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
≥ 18000	44.3	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 16000	44.7	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 14000	45.2	45.5	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	47.9	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 10000	50.1	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 9000	52.5	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	54.7	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 7000	56.8	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 6000	58.6	58.9	58.9	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
≥ 5000	62.1	62.4	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4500	64.4	64.9	65.0	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
≥ 4000	67.4	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 3500	72.3	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 3000	77.8	79.9	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	80.4
≥ 2500	81.4	83.7	84.0	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 2000	87.2	90.4	90.8	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800	88.2	91.6	92.1	92.3	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	89.6	93.8	94.3	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	91.3	95.7	96.2	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	91.6	96.5	97.0	97.4	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	91.7	96.7	97.1	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800	91.7	96.7	97.1	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	92.1	97.0	97.5	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	92.2	97.4	97.9	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	92.2	97.4	97.9	98.4	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	92.2	97.4	98.0	98.5	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	92.2	97.4	98.3	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	92.2	97.4	98.3	98.8	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	92.2	97.4	98.3	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.2	97.4	98.3	98.8	99.6	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 806

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP,WA 73-81 APR

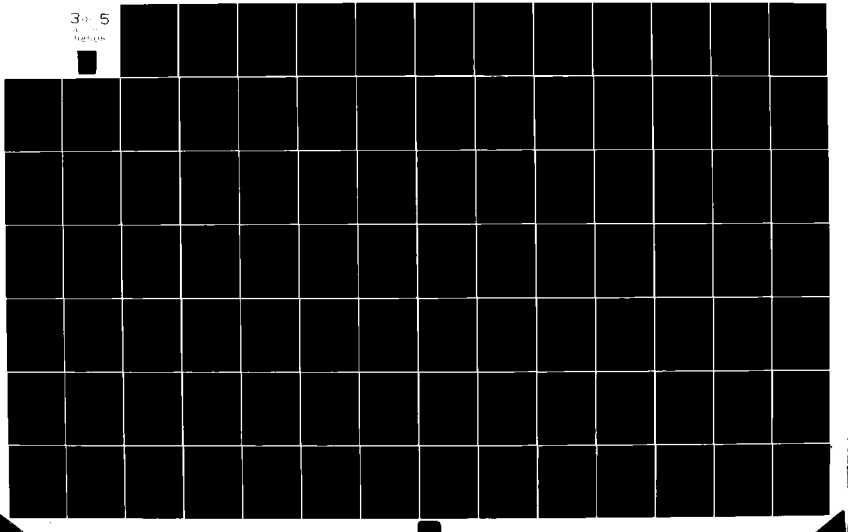
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
≥ UNLIM	36.4	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
≥ 20000	41.6	42.7	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 18000	42.0	43.1	43.3	43.5	43.5	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7
≥ 16000	42.5	43.6	43.8	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2
≥ 14000	43.3	44.4	44.5	44.7	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0
≥ 12000	44.8	45.9	46.1	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5
≥ 11000	46.5	47.6	47.8	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2
≥ 10000	48.0	49.1	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7
≥ 9000	50.2	51.3	51.5	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9
≥ 8000	52.1	53.2	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	54.3	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 6000	57.6	58.9	59.1	59.3	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
≥ 5000	60.1	61.5	61.8	62.0	62.0	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
≥ 4500	62.9	64.5	64.8	65.0	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3
≥ 4000	66.5	68.4	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 3500	71.5	74.1	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
≥ 3000	75.8	78.9	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2
≥ 2500	80.5	84.6	85.2	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1
≥ 2000	81.6	85.9	86.6	87.0	87.2	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6
≥ 1800	83.6	88.4	89.1	89.8	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
≥ 1600	86.1	91.4	92.2	93.1	93.3	93.4	93.5	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7
≥ 1400	87.2	93.1	94.1	95.0	95.3	95.4	95.5	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 1200	87.6	93.6	94.6	95.6	95.9	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4
≥ 1000	87.8	93.9	95.0	96.0	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 900	88.1	94.3	95.5	96.5	96.9	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5
≥ 800	88.2	94.6	95.8	97.1	97.5	97.7	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 700	88.3	94.8	96.1	97.4	97.9	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
≥ 600	88.3	94.9	96.2	97.6	98.1	98.3	98.6	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 500	88.3	95.0	96.4	97.9	98.4	98.7	99.0	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5
≥ 400	88.3	95.0	96.4	97.9	98.5	98.7	99.1	99.3	99.3	99.5	99.5	99.5	99.7	99.7	99.8	99.9	99.9
≥ 300	88.3	95.0	96.4	97.9	98.5	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0	100.0
≥ 200	88.3	95.0	96.4	97.9	98.5	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0	100.0
≥ 100	88.3	95.0	96.4	97.9	98.5	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0	100.0
≥ 0	88.3	95.0	96.4	97.9	98.5	98.7	99.1	99.3	99.3	99.5	99.6	99.6	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6383

AD-A118 508 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SEATTLE TACOMA IAP, WASHINGTON. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/038 SBI-AD-F850 197 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

72793 (STATION NUMBER) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0
NO CEILING	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 18000	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
≥ 16000	42.2	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
≥ 14000	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 9000	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
≥ 8000	48.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 6000	52.8	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 5000	57.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 4500	61.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 4000	65.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 3500	69.7	71.5	71.5	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
≥ 3000	75.4	77.5	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	77.9
≥ 2500	79.9	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	82.9	85.6	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	84.8	87.5	88.1	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500	87.5	90.3	90.9	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1200	90.9	93.9	94.8	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	91.9	95.1	96.0	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	92.6	96.0	96.8	97.3	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	93.6	97.1	97.9	98.4	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	93.8	97.3	98.2	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
≥ 600	93.8	97.6	98.7	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
≥ 500	93.8	97.6	98.7	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
≥ 400	93.8	97.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	93.8	97.6	98.7	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.8	97.6	98.7	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	93.8	97.6	98.7	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	93.8	97.6	98.7	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7937 | SEATTLE/TACOMA IAP,WA | 73-81 | MAY

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	34.4	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 20000	37.2	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
≥ 18000	37.6	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
≥ 16000	38.1	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 14000	38.9	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	40.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 10000	41.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 9000	43.2	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 8000	45.0	45.9	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 7000	46.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 6000	48.6	49.6	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 5000	50.7	51.8	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 4500	54.5	55.9	56.0	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
≥ 4000	57.1	58.4	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3500	61.7	63.3	63.5	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
≥ 3000	67.3	69.2	69.5	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 2500	70.5	73.0	73.5	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 2000	73.7	77.2	77.7	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 1800	75.4	78.9	79.6	80.2	80.5	80.5	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 1500	78.1	81.7	82.4	83.2	83.4	83.4	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	82.7	86.7	87.5	88.2	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1000	85.0	89.8	90.7	91.4	92.0	92.1	92.2	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 900	85.6	90.8	91.6	92.4	93.1	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	86.7	91.9	92.7	93.5	94.2	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 700	87.6	93.1	94.1	95.0	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600	88.7	94.8	95.8	96.6	97.5	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 500	88.7	94.9	95.9	96.7	97.6	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 400	88.8	95.3	96.4	97.5	98.4	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	88.8	95.4	96.5	97.6	98.5	98.8	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	88.8	95.4	96.5	97.7	98.7	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.8
≥ 100	88.8	95.4	96.5	97.7	98.7	98.9	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	88.8	95.4	96.5	97.7	98.7	98.9	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 825

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]93 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	29.8	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	32.1	32.9	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 18000	32.6	33.4	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
≥ 6000	33.5	34.2	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 14000	35.2	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
≥ 12000	35.7	36.8	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000	37.4	38.7	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 9000	39.0	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 8000	39.9	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
≥ 7000	41.7	43.4	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 6000	43.4	45.2	45.3	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 5000	46.3	48.1	48.2	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 4500	48.7	50.6	50.9	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4000	50.8	52.9	53.4	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 3500	54.1	56.6	57.2	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 3000	60.1	63.3	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 2500	63.4	66.9	68.0	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 2000	67.5	71.5	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
≥ 1800	69.2	73.6	75.1	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 1500	74.0	79.0	80.7	81.7	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 1200	79.9	85.5	87.2	88.6	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1000	81.1	86.9	88.6	90.1	90.6	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	81.7	87.9	89.7	91.2	91.8	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	82.0	88.5	90.4	91.9	92.6	92.9	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 700	82.7	89.9	91.9	93.4	94.4	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 600	83.6	91.2	93.3	94.8	95.8	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	83.8	91.5	93.7	95.5	96.4	96.7	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 400	83.8	91.5	93.7	95.6	96.7	96.9	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	83.9	91.8	94.0	95.8	96.9	97.5	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	83.9	91.8	94.0	95.8	96.9	97.5	98.7	99.0	99.0	99.6	99.6	99.6	99.6	99.9	99.9
≥ 100	83.9	91.8	94.0	95.8	96.9	97.5	98.7	99.0	99.0	99.6	99.6	99.6	99.6	100.0	100.0
≥ 0	83.9	91.8	94.0	95.8	96.9	97.5	98.7	99.0	99.0	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7933 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
NO CEILING	32.8	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 20000	38.4	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
≥ 18000	38.6	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0
≥ 16000	39.7	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1
≥ 14000	40.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3
≥ 12000	42.3	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2
≥ 10000	43.6	45.4	45.7	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1
≥ 9000	44.9	46.8	47.2	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6
≥ 8000	45.5	48.4	48.8	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1
≥ 7000	48.1	50.0	50.4	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	49.3	51.2	51.6	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9
≥ 5000	52.1	54.0	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4500	54.6	56.7	57.2	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 4000	58.6	60.9	61.4	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 3500	62.2	64.8	65.3	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
≥ 3000	68.0	71.2	71.7	71.8	71.9	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥ 2500	73.4	77.1	77.6	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
≥ 2000	80.0	84.2	84.7	84.9	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	82.1	86.5	87.0	87.2	87.3	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1500	84.5	89.2	89.8	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1200	86.6	92.2	92.8	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1000	87.5	93.2	93.9	94.2	94.5	94.5	94.5	94.6	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	87.7	93.8	94.5	94.8	95.1	95.3	95.3	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
≥ 800	87.8	94.3	95.0	95.4	95.7	96.0	96.0	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
≥ 700	87.8	94.4	95.3	95.6	96.2	96.5	96.7	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	88.1	94.9	95.7	96.1	97.0	97.2	97.6	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	88.1	95.1	96.1	96.5	97.3	97.6	98.1	98.3	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	88.1	95.1	96.4	96.8	97.8	98.1	98.5	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	88.1	95.3	96.5	97.0	97.9	98.2	98.8	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	88.1	95.3	96.5	97.0	98.1	98.3	98.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 100	88.1	95.3	96.5	97.0	98.1	98.3	98.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	88.1	95.3	96.5	97.0	98.1	98.3	98.9	99.4	99.4	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7932 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥ 20000	48.1	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 18000	48.6	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 16000	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 14000	51.0	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 12000	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 10000	55.1	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 9000	56.7	57.4	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
≥ 8000	57.8	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
≥ 7000	59.1	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 6000	62.1	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 5000	66.6	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4500	70.4	71.7	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
≥ 4000	73.9	75.3	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
≥ 3500	77.7	79.8	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
≥ 3000	83.3	85.5	86.1	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
≥ 2500	88.0	90.3	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 2000	90.8	93.3	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	90.9	93.9	94.7	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	91.7	95.1	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200	92.3	96.4	97.5	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	92.4	96.9	98.2	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
≥ 900	92.4	96.9	98.2	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
≥ 800	92.5	97.2	98.5	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	92.6	97.4	98.8	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	92.6	97.5	99.1	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
≥ 500	92.6	97.5	99.1	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
≥ 400	92.6	97.5	99.1	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	92.6	97.5	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.6	97.5	99.1	99.6	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	92.6	97.5	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.6	97.5	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 815

USAF ETAC FORM 10-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7793 (WBAN) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥	≥5/16	≥	≥0
NO CEILING	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
≥ 20000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 18000	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	50.8	50.8
≥ 15000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 14000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 12000	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥ 9000	60.0	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
≥ 8000	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 7000	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 6000	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 5000	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 4500	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 4000	80.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3500	84.3	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	86.0	86.0
≥ 3000	88.2	90.8	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	91.0
≥ 2500	90.0	93.0	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6
≥ 2000	91.4	94.9	95.3	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 1800	92.1	95.9	96.4	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0
≥ 1500	92.5	96.2	96.7	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7
≥ 1200	92.8	96.4	97.0	97.1	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2
≥ 1000	92.8	96.5	97.2	97.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 900	92.8	96.5	97.2	97.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥ 800	92.8	97.1	97.9	98.1	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥ 700	92.8	97.2	98.1	98.2	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.3
≥ 600	93.0	97.4	98.3	98.4	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 500	93.0	97.4	98.3	98.4	98.8	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥ 400	93.0	97.4	98.5	98.7	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 300	93.0	97.4	98.5	98.7	99.0	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥ 200	93.0	97.4	98.5	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	93.0	97.4	98.5	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	93.0	97.4	98.5	98.7	99.0	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7?793 SEATTLE/TACOMA IAP,WA 73-81 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1800-2000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
NO CEILING	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 18000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 16000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 14000	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 12000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 9000	54.0	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	54.2
≥ 8000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 7000	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	62.3	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
≥ 5000	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	74.9	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
≥ 4000	80.0	81.1	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
≥ 3500	83.3	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3000	89.6	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	90.8	93.6	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	94.5
≥ 2000	92.5	95.6	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	96.5
≥ 1800	92.7	95.8	96.5	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
≥ 1500	93.3	96.9	97.7	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
≥ 1200	94.1	97.9	98.8	99.3	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	94.1	97.9	98.8	99.3	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	94.1	97.9	98.8	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	94.3	98.0	98.9	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
≥ 700	94.5	98.3	99.1	99.6	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	94.5	98.3	99.1	99.6	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	94.5	98.3	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	94.5	98.4	99.3	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
≥ 300	94.5	98.4	99.3	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
≥ 200	94.5	98.4	99.3	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	94.5	98.4	99.3	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
≥ 0	94.5	98.4	99.3	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

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]3[illegible] SEATTLE/TACOMA IAP,WA 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 20000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 18000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 16000	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 14000	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	48.2
≥ 12000	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 10000	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 9000	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 8000	54.6	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	55.1
≥ 7000	57.9	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 6000	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 5000	65.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 4500	70.1	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	71.3	71.3
≥ 4000	73.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 3500	77.0	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	78.6
≥ 3000	84.1	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 2500	88.1	91.0	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 2000	90.2	93.9	94.7	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1800	91.0	94.9	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	91.4	95.5	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	93.1	97.2	97.9	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
≥ 1000	93.8	98.1	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	93.8	98.1	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	93.9	98.2	98.9	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
≥ 700	93.9	98.2	99.0	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
≥ 600	94.1	98.3	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	94.1	98.3	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.1	98.3	99.2	99.5	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	94.1	98.4	99.3	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
≥ 200	94.1	98.4	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	98.4	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.1	98.4	99.3	99.6	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (WBAN) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥½	≥0
NO CEILING	39.2	39.6	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	43.2	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
≥ 18000	43.5	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥ 16000	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 14000	45.0	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 12000	46.5	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 10000	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 9000	49.6	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
≥ 8000	51.5	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 7000	53.6	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 6000	55.8	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 5000	60.1	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 4500	63.8	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 4000	67.4	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 3500	71.2	73.2	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 3000	77.0	79.5	79.9	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
≥ 2500	80.5	83.4	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥ 2000	83.6	87.0	87.7	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 1800	84.8	88.4	89.1	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1500	86.6	90.5	91.3	91.8	92.0	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	89.3	93.3	94.2	94.7	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	89.8	94.3	95.3	95.8	96.1	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	90.1	94.7	95.7	96.3	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 800	90.5	95.3	96.3	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 700	90.7	95.8	96.8	97.4	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	91.0	96.3	97.4	98.0	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	91.1	96.3	97.5	98.1	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	91.1	96.4	97.7	98.3	98.8	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	91.1	96.5	97.7	98.4	98.9	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥ 200	91.1	96.5	97.7	98.4	98.9	99.2	99.5	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	91.1	96.5	97.7	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
≥ 0	91.1	96.5	97.7	98.4	98.9	99.2	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 6568

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 JUN
(MONTH) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	41.6	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000	43.5	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 18000	43.5	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 17000	43.5	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 16000	43.7	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 15000	44.7	45.4	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
≥ 14000	46.2	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 13000	46.9	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 12000	48.5	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
≥ 11000	51.1	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 10000	53.6	54.3	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
≥ 9000	60.4	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 8000	64.3	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	65.4
≥ 7000	66.4	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
≥ 6000	69.7	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 5000	75.2	76.2	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
≥ 4500	77.7	78.9	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 4000	82.6	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3500	85.6	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	88.5	90.1	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
≥ 2500	91.1	93.0	93.6	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
≥ 2000	92.0	94.4	95.0	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	95.2
≥ 1800	92.6	95.0	95.6	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
≥ 1600	93.1	95.6	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	96.6
≥ 1400	93.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	94.1	97.2	98.1	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	98.6
≥ 1000	94.1	97.2	98.1	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	98.6
≥ 900	94.1	97.2	98.4	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	94.2	97.4	98.7	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	94.2	97.4	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	94.2	97.4	98.7	99.1	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	94.2	97.4	98.7	99.1	99.2	99.2	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 798

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP,WA 73-81 JUN
STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	32.4	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.8	33.8	33.8	33.9
≥ 20000	35.6	36.5	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.1
≥ 18000	35.8	36.6	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.3
≥ 16000	36.1	36.9	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.5
≥ 14000	36.5	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	38.0
≥ 12000	38.1	39.0	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.6
≥ 10000	39.8	41.0	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.6
≥ 9000	40.5	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.4
≥ 8000	42.0	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.9
≥ 7000	43.5	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.6
≥ 6000	44.8	46.3	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.9
≥ 5000	49.3	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.6	51.6	51.6	51.8
≥ 4500	53.6	55.5	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.3
≥ 4000	55.3	57.3	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0
≥ 3500	60.4	62.8	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8	63.9
≥ 3000	63.1	65.6	66.1	66.4	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0
≥ 2500	65.8	68.5	69.1	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0
≥ 2000	69.4	72.6	73.6	74.0	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.8
≥ 1800	71.6	75.1	76.4	76.8	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5
≥ 1500	75.4	79.1	80.5	80.9	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.6
≥ 1200	81.5	85.6	87.0	87.4	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.1
≥ 1000	83.4	88.1	89.5	89.9	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.6
≥ 900	83.5	88.4	89.8	90.3	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	91.0
≥ 800	83.9	89.0	90.4	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.6	91.6	91.8	91.8	91.8	91.9
≥ 700	85.1	91.1	92.5	93.3	93.5	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.3
≥ 600	85.8	92.5	94.1	94.9	95.1	95.4	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1
≥ 500	85.9	92.6	94.4	95.3	95.5	95.8	96.0	96.3	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.6
≥ 400	85.9	92.8	94.9	96.0	96.5	96.9	97.1	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.8
≥ 300	85.9	93.0	95.6	96.8	97.3	97.6	98.5	98.8	98.8	98.8	99.3	99.3	99.4	99.4	99.4	99.5
≥ 200	85.9	93.0	95.6	96.8	97.3	97.6	98.6	98.9	98.9	98.9	99.4	99.4	99.5	99.5	99.5	99.6
≥ 100	85.9	93.0	95.6	96.8	97.3	97.6	98.6	98.9	98.9	98.9	99.4	99.4	99.6	99.6	99.6	100.0
≥ 0	85.9	93.0	95.6	96.8	97.3	97.6	98.6	98.9	98.9	98.9	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 800

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP, WA 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	≥0	≥1/4	≥1/2	≥3/4	≥1	≥1 1/4	≥1 1/2	≥1 3/4	≥2	≥2 1/2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
[illegible]	32.1	33.4	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
[illegible]	33.4	34.9	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
[illegible]	33.4	34.9	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
[illegible]	34.1	35.5	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
[illegible]	35.3	37.3	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
[illegible]	36.6	38.1	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
[illegible]	38.5	40.0	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
[illegible]	39.0	40.5	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
[illegible]	40.0	41.7	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
[illegible]	41.5	43.2	43.6	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
[illegible]	43.4	45.2	45.6	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
[illegible]	47.1	48.9	49.3	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
[illegible]	49.8	51.7	52.1	52.2	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
[illegible]	51.1	53.0	53.4	53.8	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
[illegible]	53.7	55.9	56.4	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
[illegible]	56.7	58.9	59.4	59.7	59.7	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
[illegible]	61.3	63.7	64.2	64.7	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
[illegible]	65.9	68.9	69.7	70.6	70.7	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
[illegible]	68.9	72.0	72.9	74.0	74.1	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
[illegible]	72.1	75.9	76.9	78.2	78.5	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
[illegible]	78.7	82.9	84.1	85.5	85.7	86.1	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
[illegible]	80.3	85.0	86.4	87.8	88.0	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	81.0	86.0	87.5	88.9	89.2	89.7	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
[illegible]	81.4	86.5	88.2	89.6	89.8	90.3	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
[illegible]	82.8	88.3	90.3	91.8	92.1	92.6	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	83.2	89.4	91.6	93.2	93.5	94.0	94.5	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
[illegible]	83.4	89.9	92.1	93.8	94.0	94.5	95.0	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	83.9	90.1	92.2	94.3	94.5	95.4	96.1	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
[illegible]	83.9	90.1	92.7	95.0	95.3	96.2	97.1	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
[illegible]	83.9	90.2	92.9	95.2	95.4	96.3	97.2	98.0	98.0	98.9	98.9	98.9	99.1	99.1	99.6	99.6	99.6	99.6
[illegible]	83.9	90.2	92.9	95.2	95.4	96.3	97.2	98.0	98.0	99.0	99.0	99.0	99.2	99.2	99.9	100.0	100.0	100.0
[illegible]	83.9	90.2	92.9	95.2	95.4	96.3	97.2	98.0	98.0	99.0	99.0	99.0	99.2	99.2	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
≥ 30000	37.1	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6
≥ 20000	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9
≥ 18000	40.4	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4
≥ 16000	40.7	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7
≥ 14000	43.2	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2
≥ 12000	44.2	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.2	45.2
≥ 10000	46.3	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3
≥ 9000	47.1	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1
≥ 8000	48.7	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7
≥ 7000	50.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
≥ 6000	51.8	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3
≥ 5000	54.1	55.5	55.6	55.6	55.6	55.6	55.7	55.8	55.8	55.8	56.0	56.0	56.0	56.0
≥ 4500	56.0	57.3	57.5	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8
≥ 4000	58.7	60.1	60.2	60.2	60.2	60.2	60.4	60.5	60.5	60.5	60.6	60.6	60.6	60.6
≥ 3500	62.4	63.9	64.0	64.0	64.0	64.0	64.1	64.2	64.2	64.2	64.4	64.4	64.4	64.4
≥ 3000	65.9	67.9	68.0	68.1	68.1	68.1	68.3	68.4	68.4	68.4	68.5	68.5	68.5	68.5
≥ 2500	71.1	73.7	73.9	74.0	74.3	74.3	74.4	74.5	74.5	74.5	74.7	74.7	74.7	74.7
≥ 2000	77.5	80.3	80.6	80.9	81.2	81.2	81.3	81.6	81.6	81.6	81.7	81.7	81.7	81.7
≥ 1800	78.9	81.7	81.9	82.3	82.6	82.6	82.7	82.9	82.9	82.9	83.1	83.1	83.1	83.1
≥ 1500	83.6	86.8	87.1	87.6	88.1	88.1	88.2	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 1200	86.1	90.1	90.5	91.3	91.8	91.8	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3
≥ 1000	87.3	92.3	92.8	93.9	94.4	94.4	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9
≥ 900	87.6	92.8	93.4	94.5	95.0	95.0	95.1	95.4	95.4	95.4	95.5	95.5	95.5	95.5
≥ 800	87.7	93.2	93.7	94.9	95.4	95.4	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9
≥ 700	87.8	93.6	94.2	95.4	96.1	96.1	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 600	88.1	94.2	95.0	96.2	97.0	97.0	97.1	97.6	97.6	97.6	97.7	97.7	97.7	97.7
≥ 500	88.1	94.2	95.0	96.4	97.1	97.1	97.2	97.7	97.7	97.7	97.9	97.9	97.9	97.9
≥ 400	88.1	94.2	95.0	96.4	97.2	97.4	97.5	98.0	98.0	98.2	98.4	98.4	98.4	98.4
≥ 300	88.1	94.2	95.0	96.5	97.6	98.0	98.2	98.9	99.0	99.5	99.6	99.7	99.7	99.7
≥ 200	88.1	94.2	95.0	96.5	97.7	98.1	98.4	99.0	99.1	99.6	99.6	99.7	100.0	100.0
≥ 100	88.1	94.2	95.0	96.5	97.7	98.1	98.4	99.0	99.1	99.6	99.6	99.7	100.0	100.0
≥ 0	88.1	94.2	95.0	96.5	97.7	98.1	98.4	99.0	99.1	99.6	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA | 73-81 | JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
	42.4	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
	48.7	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
	49.8	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
	50.6	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4,500	52.2	52.8	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
	53.3	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
	55.4	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 3,000	57.2	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 2,500	59.2	59.9	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 2,000	61.1	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 1,800	63.1	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 1,500	67.3	68.2	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 1,400	69.1	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 1,200	73.5	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 1,000	76.2	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 900	80.6	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 800	86.0	88.2	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 700	88.7	91.2	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 600	90.0	92.6	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 500	92.0	95.2	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 400	92.1	96.0	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	92.2	96.2	97.4	97.6	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 200	92.2	96.4	97.6	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	92.2	96.5	97.7	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 70	92.5	96.7	98.0	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 50	92.5	97.0	98.2	98.5	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4
≥ 30	92.5	97.0	98.2	98.5	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 20	92.5	97.1	98.4	98.7	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 10	92.5	97.1	98.4	98.7	99.4	99.6	99.6	99.7	99.7	99.9	99.9	99.9
≥ 0	92.5	97.1	98.4	98.7	99.4	99.6	99.6	99.7	99.7	99.9	99.9	99.9
	92.6	97.2	98.5	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 18000	51.5	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 16000	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 14000	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 12000	57.0	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	57.4
≥ 10000	57.8	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 9000	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 8000	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 7000	65.7	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
≥ 6000	70.3	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
≥ 5000	75.7	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
≥ 4500	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	82.3	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
≥ 3500	86.1	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	87.0
≥ 3000	89.3	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	90.6	90.6
≥ 2500	92.7	94.0	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
≥ 2000	93.5	95.5	95.5	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1800	93.6	95.6	95.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	94.1	96.2	96.2	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
≥ 1200	94.5	97.1	97.1	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	94.7	97.4	97.4	98.0	98.	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900	94.9	97.5	97.5	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 800	94.9	97.5	97.5	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	95.0	97.6	97.6	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	95.0	97.6	97.6	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	95.0	97.6	97.6	98.2	98.6	98.6	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	95.0	97.6	97.6	98.5	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.0	97.6	97.6	98.5	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.0	97.6	97.6	98.5	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.0	97.6	97.6	98.5	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.0	97.6	97.6	98.5	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP, WA 73-81 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0				
NO CEILING	48.9	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000	54.1	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 18000	54.7	55.0	55.0	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
≥ 16000	55.6	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	56.5	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 12000	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 10000	60.7	61.1	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	61.2	61.2
≥ 9000	62.8	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	65.5	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	68.4	69.0	69.0	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
≥ 6000	72.3	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 5000	77.9	78.8	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	78.9	78.9
≥ 4500	82.8	83.7	83.7	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
≥ 4000	85.2	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 3500	88.6	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 3000	91.7	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	92.9	93.9	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	94.2
≥ 2000	94.2	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	95.7
≥ 1800	95.1	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	96.0	97.3	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	97.6	97.6
≥ 1200	96.5	98.0	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
≥ 1000	96.7	98.5	98.6	98.7	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
≥ 900	96.7	98.5	98.6	98.7	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
≥ 800	96.7	98.5	98.6	98.7	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
≥ 700	96.7	98.5	98.6	98.7	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
≥ 600	96.7	98.5	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	96.7	98.5	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	96.7	98.5	98.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	96.7	98.5	98.6	98.7	98.9	98.9	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.7	98.5	98.6	98.7	98.9	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.7	98.5	98.6	98.7	98.9	98.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.7	98.5	98.6	98.7	98.9	98.9	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 791

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥½	<½
NO CEILING	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 22000	52.2	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
≥ 18000	52.4	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 15000	52.6	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 12000	53.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 9000	56.4	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 8000	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 7000	60.1	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 6000	61.7	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 5000	64.2	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 4500	70.1	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 4000	74.8	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 3500	77.3	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	80.2	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 2500	84.9	86.1	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	88.5	90.0	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1800	92.5	94.1	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1500	93.5	95.1	95.2	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	94.5	96.1	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1000	95.2	97.1	97.2	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900	95.5	97.4	97.5	98.0	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	95.6	97.7	97.9	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	95.6	97.7	97.9	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	95.6	97.9	98.0	98.5	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	95.6	97.9	98.0	98.5	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	95.6	97.9	98.0	98.6	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	95.6	97.9	98.0	98.6	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	95.6	97.9	98.0	98.7	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	95.6	97.9	98.0	98.7	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	95.6	97.9	98.0	98.7	99.2	99.2	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/16	< 1/4	≥0
NO CEILING	40.1	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8
≥ 20000	44.8	45.5	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
≥ 18000	45.2	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 16000	45.6	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 14000	47.1	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9
≥ 12000	48.6	49.3	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
≥ 10000	50.2	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 9000	51.2	52.0	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
≥ 8000	53.2	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3
≥ 7000	55.4	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 6000	58.0	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 5000	62.7	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 4500	66.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7
≥ 4000	68.7	69.9	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 3500	72.2	73.5	73.7	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0
≥ 3000	75.9	77.5	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 2500	79.5	81.4	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1
≥ 2000	83.1	85.3	85.7	86.0	86.1	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1800	84.7	87.0	87.4	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1
≥ 1500	87.0	89.6	90.2	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1200	89.5	92.5	93.1	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 1000	90.3	93.7	94.3	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	90.5	94.0	94.7	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
≥ 800	90.7	94.3	95.1	95.7	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	91.2	95.0	95.8	96.4	96.7	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 600	91.4	95.6	96.4	97.1	97.4	97.5	97.8	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
≥ 500	91.4	95.6	96.5	97.2	97.6	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 400	91.4	95.7	96.6	97.5	97.9	98.1	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	91.4	95.7	96.8	97.6	98.2	98.4	99.0	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 200	91.4	95.7	96.9	97.8	98.3	98.5	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	91.4	95.7	96.9	97.8	98.3	98.5	99.2	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	91.5	95.8	96.9	97.8	98.3	98.5	99.2	99.4	99.5	99.7	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6367

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]93[illegible] (SYNOPTIC) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS, LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 16000	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	56.1	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	56.4
≥ 12000	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 10000	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 8000	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 7000	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
≥ 6000	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 5000	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	73.8	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 3500	77.4	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	81.1	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
≥ 2500	84.6	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000	87.5	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
≥ 1800	89.2	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	89.9	89.9
≥ 1500	92.5	93.5	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
≥ 1200	94.4	95.8	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	95.0	96.4	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	95.2	96.8	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	95.4	97.4	97.7	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
≥ 700	95.4	97.4	97.7	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
≥ 600	95.6	97.7	98.1	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
≥ 500	95.6	97.7	98.1	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
≥ 400	95.8	98.1	98.4	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	95.8	98.1	98.4	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.8	98.1	98.4	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.8	98.1	98.4	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.8	98.1	98.4	99.3	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEAR) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	44.6	45.4	46.2	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2
≥ 20000	46.6	47.4	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
≥ 18000	46.6	47.4	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
≥ 16000	47.7	47.8	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7
≥ 14000	47.8	48.8	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6
≥ 12000	49.3	50.2	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1
≥ 10000	52.2	53.2	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0
≥ 9000	52.9	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7
≥ 8000	54.1	55.1	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0
≥ 7000	55.5	56.6	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
≥ 6000	57.1	58.3	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1
≥ 5000	60.1	61.3	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2
≥ 4500	62.2	63.4	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2
≥ 4000	64.2	65.7	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7
≥ 3500	65.8	67.3	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2
≥ 3000	70.1	71.7	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6
≥ 2500	73.7	75.4	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4
≥ 2000	75.3	77.1	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
≥ 1800	76.9	78.7	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
≥ 1500	79.8	82.0	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 1200	84.5	87.8	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 1000	85.2	88.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
≥ 900	85.4	89.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 800	85.8	90.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 700	86.4	90.9	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.6
≥ 600	87.0	91.6	92.9	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.6	93.6	93.6	93.6
≥ 500	87.2	92.2	93.7	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
≥ 400	87.5	93.1	94.8	95.6	95.7	95.7	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 300	87.6	93.4	95.5	96.7	97.1	97.1	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
≥ 200	87.6	93.4	95.5	97.0	97.3	97.3	98.7	98.7	98.7	99.1	99.3	99.3	99.8	99.8	99.9	99.9
≥ 100	87.6	93.4	95.5	97.0	97.3	97.3	98.7	98.7	98.7	99.3	99.4	99.4	99.9	99.9	100.0	100.0
≥ 0	87.6	93.4	95.5	97.0	97.3	97.3	98.7	98.7	98.7	99.3	99.4	99.4	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	37.4	39.1	39.5	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 20000	39.2	40.9	41.3	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
≥ 18000	39.4	41.1	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 16000	39.7	41.4	41.8	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 14000	40.5	42.2	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 12000	41.6	43.3	43.6	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 10000	43.5	45.4	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 9000	45.4	47.4	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 8000	46.4	48.4	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 7000	47.8	49.7	50.4	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
≥ 6000	49.5	51.4	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 5000	51.6	53.6	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
≥ 4500	53.7	55.7	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 4000	54.9	57.1	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 3500	56.3	58.4	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 3000	60.9	63.1	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 2500	62.8	65.1	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 2000	65.6	68.0	68.9	69.0	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 1800	66.6	69.1	70.0	70.2	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 1500	70.7	73.6	74.6	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 1200	74.4	77.9	78.9	79.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 1000	76.9	81.0	82.0	82.3	82.6	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 900	77.4	82.1	83.2	83.5	83.8	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 800	77.6	83.1	84.2	84.4	84.8	84.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 700	78.4	84.0	85.2	85.7	86.0	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 600	79.2	85.8	87.2	88.7	89.1	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 500	79.6	86.5	88.2	89.8	90.5	90.9	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	79.6	87.6	89.4	92.1	92.8	93.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 300	79.7	87.8	89.7	92.7	93.8	94.3	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200	79.7	87.8	89.7	92.7	93.8	94.3	96.5	96.7	96.7	97.2	97.3	97.3	98.3	98.3	99.0	99.4
≥ 100	79.7	87.8	89.7	92.7	93.8	94.3	96.7	97.0	97.0	97.6	97.8	97.8	98.8	98.8	99.6	100.0
≥ 0	79.7	87.8	89.7	92.7	93.8	94.3	96.7	97.0	97.0	97.6	97.8	97.8	98.8	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 823

USAF ETAC FORM NO. 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7793 | SEATTLE/TACOMA IAP,WA | 73-81 | JUL

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	≥0
NO CEILING	41.7	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 25000	45.3	47.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 18000	45.8	47.9	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 16000	45.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 14000	46.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
≥ 12000	47.5	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 10000	48.9	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 9000	51.0	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 8000	52.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 7000	53.1	55.6	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
≥ 6000	54.6	57.0	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 5000	57.5	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
≥ 4500	58.5	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 4000	60.8	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 3500	63.3	66.2	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 3000	66.1	69.1	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 2500	67.8	71.1	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 2000	72.9	76.3	77.1	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 1800	74.3	77.7	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 1500	77.7	81.6	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1200	82.6	87.3	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1000	84.4	90.0	90.8	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 900	84.6	90.6	91.4	91.6	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 800	85.1	91.2	92.0	92.4	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	85.2	91.8	92.7	93.1	93.7	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3
≥ 600	85.2	92.5	93.7	94.4	95.3	95.6	96.2	96.2	96.2	96.4	96.4	96.4	96.4	96.4
≥ 500	85.2	92.6	93.9	94.8	95.8	96.2	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
≥ 400	85.2	92.6	94.1	95.3	96.4	97.1	97.8	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 300	85.2	92.6	94.1	95.6	96.9	97.6	98.3	98.5	98.5	98.8	98.9	98.9	99.4	99.5	99.5	99.5
≥ 200	85.2	92.6	94.1	95.6	96.9	97.6	98.3	98.5	98.5	98.9	99.0	99.0	99.8	99.9	100.0	100.0
≥ 100	85.2	92.6	94.1	95.6	96.9	97.6	98.3	98.5	98.5	98.9	99.0	99.0	99.8	99.9	100.0	100.0
≥ 0	85.2	92.6	94.1	95.6	96.9	97.6	98.3	98.5	98.5	98.9	99.0	99.0	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (PERIOD) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR, LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	53.2	54.3	54.5	54.5	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 20000	57.7	58.8	59.0	59.0	59.1	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 18000	58.9	60.0	60.2	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 16000	59.3	60.1	60.3	60.3	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 14000	60.6	61.7	61.9	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	61.3	62.5	62.8	62.8	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
≥ 10000	62.7	64.1	64.4	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 9000	64.0	65.5	65.7	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 8000	65.7	67.2	67.4	67.4	67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	66.7	68.1	68.4	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 6000	67.4	68.9	69.1	69.1	69.2	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 5000	69.6	71.2	71.4	71.4	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	72.5	74.2	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 4000	75.5	77.5	77.7	77.7	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3500	78.7	80.8	81.0	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3000	80.4	82.5	82.7	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500	84.3	86.7	87.0	87.0	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2000	89.2	92.1	92.3	92.3	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	90.5	93.4	93.7	93.7	93.8	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1500	92.2	95.3	95.5	95.5	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	93.7	97.4	97.7	97.7	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1000	93.7	97.8	98.1	98.1	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	93.8	97.9	98.2	98.3	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 800	93.8	98.1	98.3	98.4	98.5	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	93.8	98.1	98.3	98.5	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	93.8	98.1	98.3	98.5	98.8	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	93.8	98.1	98.3	98.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	93.8	98.1	98.3	98.5	98.8	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	93.8	98.1	98.3	98.5	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	93.8	98.1	98.3	98.5	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	93.8	98.1	98.3	98.5	98.8	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	93.9	98.2	98.4	98.7	98.9	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7937 | SEATTLE/TACOMA IAP, WA | 73-81 | JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING	55.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 20000	59.9	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	60.5	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 17000	61.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000	64.3	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
≥ 12000	65.9	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
≥ 10000	68.5	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	70.2	70.2	70.2
≥ 9000	70.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	72.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 7000	74.5	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 6000	75.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 5000	80.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500	84.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 4000	87.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3500	88.8	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	91.0	91.0	91.0
≥ 3000	90.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	93.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	96.0	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	98.5
≥ 1800	96.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	96.5	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1200	96.6	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	96.7	99.4	99.5	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
≥ 900	96.7	99.4	99.5	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
≥ 800	96.7	99.4	99.5	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	96.7	99.4	99.5	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
≥ 600	96.7	99.4	99.5	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
≥ 500	96.7	99.4	99.5	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
≥ 400	96.7	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.7	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.7	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.7	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	96.7	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

USAF ETAC FORM 0-14a5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible] SEATTLE/TACOMA IAP,WA 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 1800-2000
FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) 10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	⅞	½	¼	0
[illegible]	59.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
[illegible]	64.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ [illegible]	64.6	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	65.7	65.7
≥ [illegible]	65.5	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
≥ 14000	66.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ [illegible]	68.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 10000	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 9000	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 8000	74.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 7000	76.5	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	77.8
≥ 6000	77.9	79.1	79.1	79.1	79.1	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	81.5	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	82.7	82.7	82.7
≥ 4500	86.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	87.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	89.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3000	92.1	94.0	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	94.2	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	95.9	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	98.7	98.7	98.7
≥ 1800	96.1	98.5	98.8	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	99.0
≥ 1700	96.4	98.9	99.2	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	99.4
≥ 1600	96.5	99.0	99.3	99.3	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
≥ 1500	96.5	99.0	99.3	99.3	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
≥ 1400	96.5	99.0	99.3	99.3	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
≥ 1300	96.5	99.0	99.3	99.3	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
≥ 1200	96.5	99.0	99.3	99.3	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
≥ 1100	96.5	99.0	99.3	99.3	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
≥ 1000	96.5	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	96.5	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	96.5	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
≥ 700	96.5	99.0	99.3	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA | 73-81 | JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
	62.5	63.1	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	62.5	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
	73.3	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
	79.4	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
	84.2	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	87.2	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	91.6	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	93.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	95.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
	95.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	96.6	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	96.7	97.9	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	97.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	97.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	97.1	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	97.1	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	97.1	98.4	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.1	98.4	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	97.2	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	97.2	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	97.2	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
	97.2	98.5	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA | 73-81 | JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	50.6	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
≥ 20000	53.9	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
≥ 18000	54.3	55.4	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 17000	54.7	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 16000	55.8	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	57.0	58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
≥ 12000	59.1	60.4	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 11000	60.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3
≥ 10000	62.1	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8
≥ 9000	63.7	65.1	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 8000	65.1	66.5	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
≥ 7000	67.9	69.3	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
≥ 6000	71.7	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
≥ 5000	73.1	74.7	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 4500	75.5	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7
≥ 4000	78.5	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9
≥ 3500	81.6	83.6	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	84.5	86.7	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 2500	85.6	87.8	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 2000	87.7	90.1	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 1800	89.9	92.8	93.3	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1500	90.6	93.8	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	90.8	94.2	94.8	95.0	95.1	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	91.0	94.6	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 900	91.2	94.8	95.5	95.7	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 800	91.4	95.3	96.0	96.4	96.6	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	91.5	95.5	96.2	96.7	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 600	91.5	95.8	96.6	97.3	97.6	97.9	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	91.6	95.9	96.7	97.6	98.1	98.3	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2
≥ 400	91.6	95.9	96.7	97.7	98.1	98.4	99.0	99.1	99.1	99.3	99.4	99.4	99.7	99.7	99.8
≥ 300	91.6	95.9	96.7	97.7	98.1	98.4	99.0	99.1	99.1	99.4	99.4	99.4	99.8	99.9	100.0
≥ 0	91.6	95.9	96.8	97.7	98.1	98.4	99.0	99.2	99.2	99.4	99.5	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6597

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥1	≥	≥1	≥1	≥	25/8	≥1	≥0
NO CEILING	48.6	51.2	51.3	51.4	51.4	51.4	51.6	51.6	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8
≥ 20000	49.8	52.4	52.5	52.6	52.6	52.6	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	50.1	52.7	52.9	53.0	53.0	53.0	53.	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3
≥ 16000	50.3	53.0	53.1	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6
≥ 14000	50.9	53.5	53.6	53.7	53.7	53.7	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1
≥ 12000	52.4	55.3	55.4	55.5	55.5	55.5	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
≥ 10000	53.2	56.4	56.5	56.6	56.6	56.6	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0
≥ 9000	53.7	56.9	57.0	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5
≥ 8000	54.6	57.8	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
≥ 7000	55.9	59.3	59.4	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
≥ 6000	57.7	61.2	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
≥ 5000	61.5	65.1	65.1	65.2	65.2	65.2	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
≥ 4500	63.7	67.3	67.4	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9
≥ 4000	65.7	69.4	69.5	69.6	69.6	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0
≥ 3500	68.8	72.7	72.8	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3
≥ 3000	72.2	76.5	76.8	76.9	77.0	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
≥ 2500	74.4	79.2	79.5	79.7	79.8	79.8	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 2000	76.8	82.1	82.5	82.7	82.9	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 1800	78.9	84.3	84.7	84.9	85.2	85.2	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1600	81.3	87.0	87.4	87.7	88.0	88.0	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5
≥ 1400	84.3	90.5	90.9	91.3	91.5	91.5	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	84.7	91.1	91.5	92.0	92.2	92.2	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000	85.2	91.6	92.0	92.5	92.7	92.7	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3
≥ 900	85.7	92.7	93.1	93.6	93.8	93.8	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4
≥ 800	86.4	93.8	94.2	94.8	95.0	95.0	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
≥ 700	86.6	94.3	94.7	95.3	95.5	95.5	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	86.6	94.5	95.0	95.9	96.2	96.2	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
≥ 500	86.6	94.7	95.1	96.0	96.4	96.4	97.0	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 450	86.9	94.9	95.6	97.0	97.3	97.3	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	86.9	94.9	95.7	97.3	97.7	97.7	98.7	98.9	98.9	99.4	99.8	99.8	99.8	99.8	99.8	99.8
≥ 350	86.9	94.9	95.7	97.3	97.7	97.7	98.7	98.9	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	86.9	94.9	95.7	97.3	97.7	97.7	98.7	98.9	98.9	99.5	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7793 | SEATTLE/TACOMA IAP, WA (STATION NAME) | 73-81 (YEAR) | AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	34.5	38.6	39.5	40.1	40.2	40.2	40.3	40.3	40.3	40.5	40.5	40.5	40.8	40.8	40.9	40.9
≥ 20000	35.5	39.6	40.5	41.2	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.9	41.9	42.0	42.0
≥ 18000	35.7	39.9	40.7	41.4	41.5	41.5	41.7	41.7	41.7	41.8	41.8	41.8	42.1	42.1	42.3	42.3
≥ 17000	35.7	40.1	40.9	41.7	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.0	42.4	42.4	42.5	42.5
≥ 14000	36.4	40.8	41.7	42.4	42.5	42.5	42.6	42.6	42.6	42.8	42.8	42.8	43.1	43.1	43.2	43.2
≥ 12000	37.1	41.5	42.5	43.2	43.4	43.4	43.5	43.5	43.5	43.6	43.6	43.6	44.0	44.0	44.1	44.1
≥ 10000	38.4	43.0	44.1	44.8	44.9	44.9	45.0	45.0	45.0	45.2	45.2	45.2	45.5	45.5	45.7	45.7
≥ 9000	39.0	43.7	44.8	45.5	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	46.3	46.3	46.4	46.4
≥ 8000	39.1	44.0	45.0	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.5	46.5	46.6	46.6
≥ 7000	40.5	45.5	46.6	47.3	47.5	47.5	47.6	47.7	47.7	47.9	47.9	47.9	48.3	48.3	48.4	48.4
≥ 6000	41.7	47.0	48.1	48.8	48.9	48.9	49.0	49.2	49.2	49.4	49.4	49.4	49.8	49.8	49.9	49.9
≥ 5000	43.1	48.7	49.9	50.8	51.0	51.0	51.1	51.2	51.2	51.4	51.4	51.4	51.8	51.8	51.9	51.9
≥ 4500	44.3	49.5	50.7	51.7	51.8	51.8	51.9	52.1	52.1	52.3	52.3	52.3	52.7	52.7	52.8	52.8
≥ 4000	46.5	52.1	53.3	54.2	54.3	54.3	54.5	54.6	54.6	54.8	54.8	54.8	55.2	55.2	55.3	55.3
≥ 3500	49.3	55.3	56.2	57.1	57.2	57.2	57.4	57.5	57.5	57.7	57.7	57.7	58.1	58.1	58.2	58.2
≥ 3000	53.0	59.4	60.7	61.8	62.0	62.0	62.1	62.2	62.2	62.4	62.4	62.4	62.8	62.8	62.9	62.9
≥ 2500	55.9	62.7	64.0	65.1	65.3	65.3	65.6	65.8	65.8	66.1	66.1	66.1	66.4	66.4	66.5	66.5
≥ 2000	58.7	65.8	67.4	68.5	68.7	68.7	69.0	69.2	69.2	69.4	69.4	69.4	69.8	69.8	69.9	69.9
≥ 1800	60.1	67.4	69.0	70.0	70.4	70.4	70.7	70.9	70.9	71.1	71.1	71.1	71.5	71.5	71.6	71.6
≥ 1700	63.2	71.0	72.6	73.8	74.2	74.2	74.4	74.6	74.6	74.9	74.9	74.9	75.2	75.2	75.4	75.4
≥ 1400	66.9	75.5	77.2	78.4	78.9	78.9	79.1	79.3	79.3	79.6	79.6	79.6	80.0	80.0	80.1	80.1
≥ 1200	68.1	77.1	78.7	80.2	80.7	80.7	81.2	81.4	81.4	81.6	81.6	81.6	82.0	82.0	82.1	82.1
≥ 1000	69.3	78.4	80.2	81.6	82.1	82.1	82.6	82.9	82.9	83.1	83.1	83.1	83.5	83.5	83.6	83.6
≥ 900	70.3	79.6	81.5	83.0	83.5	83.5	83.9	84.2	84.2	84.7	84.7	84.7	85.0	85.0	85.1	85.1
≥ 800	71.4	81.3	83.2	84.7	85.1	85.1	85.6	85.9	85.9	86.4	86.4	86.4	86.7	86.7	86.8	86.8
≥ 700	72.9	83.1	85.4	86.8	87.3	87.3	87.9	88.2	88.2	88.6	88.6	88.6	89.0	89.0	89.3	89.3
≥ 600	72.9	83.7	86.2	87.9	88.5	88.5	89.1	89.5	89.5	90.1	90.1	90.1	90.5	90.5	90.7	90.7
≥ 500	73.3	84.2	87.0	89.1	89.9	89.9	90.6	90.9	90.9	91.5	91.5	91.5	91.9	91.9	92.1	92.1
≥ 400	73.6	84.8	87.9	90.6	91.7	91.7	92.5	93.0	93.0	94.3	94.3	94.3	94.8	94.8	95.0	95.0
≥ 300	73.6	84.8	87.9	90.6	91.7	91.8	92.9	93.4	93.4	95.5	95.7	95.7	97.0	97.1	97.8	98.1
≥ 200	73.6	84.8	87.9	90.6	91.7	91.8	92.9	93.4	93.4	95.7	95.9	95.9	98.1	98.2	99.4	99.9
≥ 100	73.6	84.8	87.9	90.6	91.7	91.8	92.9	93.4	93.4	95.7	95.9	95.9	98.1	98.2	99.4	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 828

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0600-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	23.6	26.9	28.0	28.5	28.7	28.7	29.3	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6
≥ 22000	24.5	28.0	29.6	30.2	30.5	30.5	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3
≥ 14000	24.5	28.0	29.6	30.2	30.5	30.5	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3
≥ 9500	24.5	28.0	29.6	30.2	30.5	30.5	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3
≥ 9000	25.3	28.7	30.3	30.9	31.2	31.2	31.8	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1
≥ 8500	26.4	29.8	31.4	32.1	32.3	32.3	32.9	33.0	33.0	33.0	33.2	33.2	33.2	33.2	33.2
≥ 8000	27.5	30.9	32.6	33.3	33.5	33.5	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5
≥ 7500	27.7	31.2	32.8	33.5	33.9	33.8	34.5	34.6	34.6	34.6	34.8	34.8	34.8	34.8	34.8
≥ 7000	27.9	31.4	33.0	33.8	34.0	34.0	34.9	35.0	35.0	35.0	35.1	35.1	35.3	35.3	35.4
≥ 6500	28.6	32.4	34.3	35.0	35.3	35.3	36.1	36.3	36.3	36.4	36.6	36.6	36.7	36.7	36.9
≥ 6000	29.7	33.9	35.9	36.6	36.9	36.9	37.7	37.9	37.9	38.0	38.2	38.2	38.3	38.3	38.5
≥ 5000	30.9	35.3	37.2	38.0	38.2	38.2	39.1	39.2	39.2	39.3	39.7	39.7	39.8	39.8	40.0
≥ 4500	32.2	36.6	38.6	39.3	39.6	39.6	40.4	40.6	40.6	40.7	41.1	41.1	41.2	41.2	41.3
≥ 4000	34.2	38.6	40.6	41.3	41.6	41.6	42.4	42.5	42.5	42.7	43.0	43.0	43.2	43.2	43.3
≥ 3500	36.1	40.4	42.4	43.2	43.4	43.4	44.3	44.4	44.4	44.5	44.9	44.9	45.0	45.0	45.1
≥ 3000	40.2	45.4	47.3	48.1	48.5	48.5	49.3	49.4	49.4	49.6	49.9	49.9	50.1	50.1	50.2
≥ 2500	43.0	48.7	50.7	51.4	51.8	51.8	52.9	53.0	53.0	53.1	53.5	53.5	53.8	53.8	53.9
≥ 2000	46.6	53.3	55.4	56.4	57.0	57.1	58.2	58.3	58.3	58.4	58.8	58.8	59.1	59.1	59.2
≥ 1800	48.6	55.5	57.6	58.6	59.3	59.4	60.5	60.7	60.7	60.8	61.2	61.2	61.4	61.4	61.5
≥ 1500	51.3	58.3	60.4	61.4	62.1	62.3	63.4	63.5	63.5	63.6	64.0	64.0	64.2	64.2	64.4
≥ 1200	54.7	62.9	65.2	66.2	67.0	67.2	68.3	68.4	68.4	68.6	68.9	68.9	69.2	69.2	69.3
≥ 1000	58.1	67.0	69.3	70.4	71.1	71.4	72.6	72.7	72.7	72.9	73.2	73.2	73.5	73.5	73.6
≥ 900	58.8	68.1	70.5	71.6	72.5	72.7	74.1	74.2	74.2	74.4	74.7	74.7	75.0	75.0	75.1
≥ 800	59.3	68.8	71.4	72.5	73.5	73.7	75.2	75.3	75.3	75.7	76.1	76.1	76.3	76.3	76.4
≥ 700	60.3	70.0	72.7	74.0	75.0	75.5	77.1	77.4	77.4	77.8	78.2	78.2	78.4	78.4	78.5
≥ 600	60.9	71.5	74.4	75.8	76.8	77.3	78.9	79.3	79.3	79.7	80.0	80.0	80.3	80.3	80.4
≥ 500	60.9	71.8	74.6	76.3	77.9	78.4	80.3	80.6	80.6	81.4	81.8	81.8	82.0	82.0	82.1
≥ 400	61.4	72.4	75.7	77.6	79.3	79.9	82.1	82.6	82.6	83.7	84.1	84.1	84.3	84.3	84.5
≥ 300	61.8	72.7	76.6	78.8	80.8	81.5	84.7	85.5	85.5	87.5	88.4	88.4	89.1	89.1	89.6	90.0
≥ 200	61.8	72.7	76.6	78.8	80.8	81.5	85.0	85.8	85.8	88.5	89.6	89.6	92.0	92.0	93.6	95.3
≥ 100	61.8	72.7	76.6	78.8	80.8	81.5	85.0	85.8	85.8	88.7	89.8	89.8	93.3	93.3	96.5	99.9
< 100	61.8	72.7	76.6	78.8	80.8	81.5	85.0	85.8	85.8	88.7	89.8	89.8	93.3	93.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 811

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]793 SEATTLE/TACOMA IAP,WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	30.8	34.9	35.8	36.3	36.6	36.9	37.1	37.1	37.2	37.3	37.3	37.3	37.3	37.3
≥ 22000	32.4	36.9	37.7	38.2	38.8	39.1	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5
≥ 18000	32.4	36.9	37.7	38.2	38.8	39.1	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5
≥ 16000	32.6	37.1	38.0	38.4	39.1	39.3	39.5	39.5	39.7	39.8	39.8	39.8	39.8	39.8
≥ 14000	32.7	37.5	38.3	38.8	39.4	39.7	39.9	39.9	40.0	40.1	40.1	40.1	40.1	40.1
≥ 12000	33.7	38.4	39.3	39.8	40.4	40.6	40.9	40.9	41.0	41.1	41.1	41.1	41.1	41.1
≥ 10000	35.3	40.0	40.9	41.4	42.0	42.2	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8
> 9000	35.6	40.5	41.4	42.0	42.6	42.8	43.2	43.2	43.3	43.7	43.7	43.7	43.7	43.7
≥ 8000	35.8	41.0	41.8	42.5	43.1	43.3	43.8	43.8	43.9	44.3	44.3	44.3	44.3	44.3
≥ 7000	36.6	42.5	43.3	43.9	44.5	44.8	45.3	45.3	45.4	45.7	45.7	45.7	45.7	45.7
≥ 6000	36.9	42.8	43.8	44.5	45.1	45.4	45.9	45.9	46.0	46.4	46.4	46.4	46.4	46.4
≥ 5000	38.6	44.5	45.5	46.6	47.2	47.4	47.9	47.9	48.1	48.4	48.4	48.4	48.4	48.4
≥ 4500	40.8	46.8	47.8	48.9	49.5	49.8	50.2	50.2	50.4	50.7	50.7	50.7	50.7	50.7
≥ 4000	42.9	49.0	50.0	51.1	51.7	51.9	52.4	52.4	52.6	52.9	52.9	52.9	52.9	52.9
≥ 3500	44.5	50.7	51.7	52.8	53.4	53.6	54.1	54.1	54.3	54.6	54.6	54.6	54.6	54.6
≥ 3000	47.8	54.3	55.2	56.4	57.1	57.3	57.8	57.8	57.9	58.3	58.3	58.3	58.3	58.3
≥ 2500	52.4	59.1	60.1	61.3	62.2	62.4	62.9	62.9	63.0	63.4	63.4	63.4	63.4	63.4
≥ 2000	57.1	64.6	65.6	66.8	67.6	67.9	68.4	68.4	68.5	68.9	68.9	68.9	68.9	68.9
≥ 1800	59.1	67.4	68.4	69.7	70.7	70.9	71.5	71.5	71.7	72.0	72.0	72.0	72.0	72.0
≥ 1500	61.9	71.2	72.1	73.8	75.1	75.3	76.2	76.2	76.3	76.6	76.6	76.6	76.6	76.6
≥ 1200	64.5	75.1	76.4	78.3	79.8	80.0	80.9	80.9	81.0	81.4	81.4	81.4	81.4	81.4
≥ 1000	65.5	76.9	78.7	80.7	82.2	82.5	83.5	83.6	83.7	84.1	84.1	84.1	84.1	84.1
≥ 900	66.1	77.9	79.8	81.9	83.5	83.7	84.8	85.0	85.2	85.6	85.6	85.6	85.6	85.6
≥ 800	66.3	78.6	80.7	82.8	84.7	84.9	86.3	86.5	86.6	87.2	87.2	87.2	87.2	87.2
≥ 700	66.8	79.4	81.6	83.8	85.6	85.9	87.5	87.7	87.8	88.4	88.4	88.4	88.4	88.4
≥ 600	67.0	79.9	82.2	84.7	86.7	87.1	89.3	89.7	89.8	90.4	90.4	90.4	90.4	90.4
≥ 500	67.2	80.2	82.5	84.9	87.5	88.0	90.6	91.2	91.4	92.2	92.2	92.2	92.2	92.2
≥ 400	67.2	80.2	82.5	85.0	87.7	88.4	91.4	92.1	92.2	93.3	93.4	93.4	93.4	93.4
≥ 300	67.2	80.2	82.5	85.0	87.7	88.7	92.0	92.9	93.1	95.5	96.0	96.0	96.2	96.4
≥ 200	67.2	80.2	82.5	85.0	87.7	88.8	92.2	93.2	93.3	96.5	97.1	97.1	97.6	97.8
≥ 100	67.2	80.2	82.5	85.0	87.7	88.8	92.2	93.2	93.3	96.5	97.2	97.2	97.9	98.2
≥ 000	67.2	80.2	82.5	85.0	87.7	88.8	92.2	93.2	93.3	96.5	97.2	97.2	97.9	98.2

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES) 0
NO CEILING	37.3
≥ 22000	39.5
≥ 18000	39.5
≥ 16000	39.8
≥ 14000	40.1
≥ 12000	41.1
≥ 10000	42.8
> 9000	43.7
≥ 8000	44.3
≥ 7000	45.7
≥ 6000	46.4
≥ 5000	48.4
≥ 4500	50.7
≥ 4000	52.9
≥ 3500	54.6
≥ 3000	58.3
≥ 2500	63.4
≥ 2000	68.9
≥ 1800	72.0
≥ 1500	76.6
≥ 1200	81.4
≥ 1000	84.1
≥ 900	85.6
≥ 800	87.2
≥ 700	88.4
≥ 600	90.4
≥ 500	92.2
≥ 400	93.4
≥ 300	96.4
≥ 200	98.4
≥ 100	98.8
≥ 000	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 (793) SEATTLE/TACOMA IAP,WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	46.6	49.8	51.2	51.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
≥ 20000	48.1	51.3	51.8	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	48.1	51.3	51.8	52.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 17000	48.4	51.7	52.2	53.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 16000	49.1	52.6	53.0	53.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 15000	50.1	53.5	54.1	54.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 14000	51.5	54.9	55.4	56.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 13000	52.3	56.0	56.5	57.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
≥ 12000	53.7	57.6	58.0	58.9	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
≥ 11000	55.4	59.9	60.4	61.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000	56.7	61.2	61.8	62.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	59.7	63.8	64.4	65.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 8000	60.2	65.1	65.7	66.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 7000	63.1	68.2	68.8	69.6	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 6000	65.4	70.6	71.2	72.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 5000	68.0	73.4	74.1	75.0	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 4500	72.3	78.3	79.0	79.9	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	77.7	84.8	85.5	86.5	88.2	88.3	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3500	78.8	86.2	87.1	88.0	89.8	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	79.8	87.7	88.5	89.5	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8
≥ 2500	81.1	90.0	91.0	92.0	93.7	93.9	94.3	94.4	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6
≥ 2000	81.1	90.1	91.2	92.4	94.3	94.5	95.0	95.2	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7
≥ 1800	81.2	90.6	91.7	93.0	94.9	95.1	95.9	96.1	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6
≥ 1500	81.3	90.9	92.0	93.3	95.5	95.7	96.6	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.4
≥ 1200	81.3	91.0	92.1	93.7	95.9	96.1	97.0	97.3	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8
≥ 1000	81.3	91.0	92.1	93.7	96.0	96.3	97.4	97.8	97.8	98.2	98.2	98.2	98.3	98.3	98.3	98.3
≥ 900	81.3	91.1	92.2	93.8	96.2	96.6	97.7	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
≥ 800	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 700	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 600	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 500	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 400	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 300	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 200	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 100	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0
≥ 0	81.3	91.1	92.2	93.8	96.5	96.8	98.5	99.1	99.1	99.5	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	1	¾	½	¼	≥5/16	¼	0
≥ UNLIMITED	54.1	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 25000	58.2	61.6	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 18000	58.7	62.1	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 12000	59.1	62.4	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 10000	60.4	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
≥ 9000	61.2	64.6	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 8000	62.3	65.7	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 7000	63.0	66.5	66.7	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 6000	64.5	67.9	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 5000	65.4	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
≥ 4500	67.9	71.3	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4000	72.1	75.7	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 3500	73.4	77.2	77.6	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
≥ 3000	75.9	79.8	80.2	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 2500	78.2	82.2	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2000	81.2	85.4	85.9	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
≥ 1800	83.4	88.2	88.7	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1500	86.3	92.3	92.8	93.0	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	86.7	93.0	93.5	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1000	87.	93.9	94.5	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 900	87.4	94.8	95.5	95.7	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	87.7	95.4	96.1	96.3	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 700	87.7	95.4	96.1	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 600	87.7	95.4	96.1	96.5	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	87.7	95.5	96.2	96.7	97.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 400	87.7	95.7	96.5	97.0	97.4	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 300	87.7	95.7	96.5	97.0	97.4	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	87.7	95.7	96.6	97.3	97.8	97.9	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	87.7	95.7	96.6	97.3	97.8	97.9	99.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	87.7	95.7	96.6	97.3	97.8	97.9	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.7	95.7	96.6	97.3	97.8	97.9	99.0	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 AUG
(WBAN) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000
(HOUR LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	58.6	60.8	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000	61.8	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 18000	62.1	64.3	64.3	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 16000	62.9	65.0	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 14000	63.8	66.3	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000	65.3	67.7	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 10000	66.4	68.8	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	67.1	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 8000	68.4	71.2	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 7000	69.3	72.1	72.1	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 6000	71.6	74.5	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 5000	74.9	77.9	78.0	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 4500	76.9	80.1	80.2	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 4000	79.2	82.4	82.6	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 3500	82.3	85.7	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	85.6	89.0	89.3	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	87.6	91.1	91.6	92.0	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5
≥ 2000	90.0	93.9	94.5	95.3	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 1800	90.4	94.4	95.0	95.8	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
≥ 1600	91.0	95.1	95.8	96.5	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
≥ 1400	91.1	95.4	96.1	96.8	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8
≥ 1200	91.1	95.4	96.1	96.8	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
≥ 1000	91.1	95.4	96.1	96.8	97.5	97.5	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1
≥ 900	91.1	95.4	96.1	96.8	97.5	97.5	97.9	97.9	97.9	98.2	98.2	98.2	98.2	98.2
≥ 800	91.1	95.4	96.2	97.0	97.7	97.7	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4
≥ 700	91.1	95.4	96.5	97.2	97.9	97.9	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8
≥ 600	91.1	95.6	96.5	97.2	97.9	97.9	98.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8
≥ 500	91.1	95.8	96.6	97.3	98.1	98.1	98.9	99.0	99.0	99.4	99.4	99.4	99.5	99.5
≥ 400	91.1	95.8	96.8	97.3	98.1	98.1	99.0	99.3	99.3	99.6	99.6	99.6	99.8	99.8
≥ 300	91.1	95.8	96.6	97.3	98.1	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0
≥ 200	91.1	95.8	96.6	97.3	98.1	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0
≥ 100	91.1	95.8	96.6	97.3	98.1	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0
0	91.1	95.8	96.6	97.3	98.1	98.1	99.0	99.4	99.4	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7937 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300 HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	57.9	59.4	59.4	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 22000	59.3	61.1	61.1	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
≥ 18000	59.4	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	59.7	61.5	61.5	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
≥ 14000	60.1	61.9	61.9	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	62.1	64.0	64.0	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 10000	63.1	65.1	65.1	65.1	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 9000	64.0	66.1	66.1	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
≥ 8000	65.4	67.6	67.6	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 7000	66.0	68.3	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 6000	67.7	70.3	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 5000	70.3	73.0	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 4500	73.1	75.8	75.9	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 4000	74.8	77.7	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 3500	78.1	81.1	81.4	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 3000	82.1	85.4	86.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500	84.5	87.8	88.6	88.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	86.7	90.3	91.2	91.5	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800	87.5	91.2	92.0	92.5	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1500	88.5	92.7	93.6	94.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	89.2	93.8	94.7	95.3	96.2	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	89.6	94.3	95.2	95.8	96.7	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	89.7	94.6	95.4	96.0	97.0	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	89.8	94.7	95.6	96.5	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	90.2	95.2	96.1	97.0	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 600	90.3	95.5	96.7	97.6	98.5	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	90.3	95.5	96.7	97.6	98.7	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	90.3	95.5	97.0	97.8	99.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	90.3	95.5	97.0	97.8	99.0	99.3	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	90.3	95.5	97.0	97.8	99.0	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	90.3	95.5	97.0	97.8	99.0	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	90.3	95.5	97.0	97.8	99.0	99.3	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7930 SEATTLE/TACOMA IAP,WA 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	44.4	47.4	47.9	48.2	48.5	48.5	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
≥ 12000	46.2	49.4	49.9	50.3	50.6	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	51.0	51.0	
≥ 10000	46.4	49.8	50.1	50.5	50.8	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2	
≥ 9000	46.7	49.9	50.4	50.8	51.1	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5	
≥ 8000	47.4	50.7	51.2	51.5	51.9	51.9	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	
≥ 7000	48.6	51.9	52.4	52.8	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	
≥ 6000	49.7	53.1	53.7	54.1	54.4	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	
≥ 5000	50.4	53.8	54.4	54.8	55.1	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.6	55.6	
≥ 4500	51.2	54.9	55.4	55.8	56.2	56.2	56.4	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	
≥ 4000	52.2	56.1	56.7	57.1	57.5	57.5	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	
≥ 3500	53.4	57.8	58.5	58.9	59.3	59.3	59.5	59.6	59.6	59.7	59.7	59.7	59.8	59.8	59.8	59.8	
≥ 3000	56.3	60.5	61.2	61.7	62.1	62.1	62.3	62.4	62.4	62.5	62.5	62.5	62.6	62.6	62.6	62.6	
≥ 2500	58.1	62.4	63.0	63.5	63.9	63.9	64.2	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.5	
≥ 2000	60.3	64.7	65.4	65.9	66.3	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	
≥ 1800	62.9	67.3	68.1	68.6	69.0	69.1	69.3	69.3	69.3	69.4	69.5	69.5	69.5	69.5	69.5	69.6	
≥ 1500	66.3	71.1	72.0	72.5	73.0	73.0	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	
≥ 1200	69.2	74.4	75.3	75.9	76.5	76.5	76.8	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	
≥ 1000	72.5	78.4	79.4	80.1	80.7	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.5	81.5	81.5	81.5	
≥ 900	73.8	80.0	80.9	81.7	82.4	82.4	82.8	82.8	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	
≥ 800	75.5	82.2	83.1	84.0	84.7	84.8	85.2	85.3	85.3	85.4	85.5	85.5	85.5	85.5	85.6	85.6	
≥ 700	77.4	84.8	85.9	86.8	87.6	87.7	88.2	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	
≥ 600	78.3	85.9	87.1	88.1	89.0	89.1	89.7	89.8	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	
≥ 500	78.7	86.5	87.8	88.8	89.7	89.8	90.4	90.5	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	
≥ 400	79.0	87.0	88.3	89.4	90.4	90.5	91.2	91.3	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.8	
≥ 300	79.4	87.7	89.1	90.2	91.2	91.4	92.1	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.8	
≥ 200	79.8	88.4	89.8	91.0	92.1	92.3	93.1	93.4	93.4	93.7	93.7	93.7	93.8	93.8	93.9	93.9	
≥ 100	79.8	88.5	90.1	91.3	92.6	92.8	93.8	94.1	94.1	94.5	94.6	94.6	94.7	94.7	94.7	94.7	
< 100	79.9	88.7	90.4	91.8	93.1	93.4	94.6	95.1	95.1	95.6	95.7	95.7	95.8	95.8	95.8	95.8	
0	80.0	88.9	90.6	92.2	93.6	93.9	95.4	96.0	96.0	96.9	97.0	97.0	97.3	97.3	97.4	97.5	
≥ 200	80.0	88.9	90.7	92.3	93.7	94.0	95.6	96.2	96.2	97.4	97.7	97.7	98.3	98.3	98.7	99.0	
≥ 100	80.0	88.9	90.7	92.3	93.7	94.0	95.6	96.2	96.2	97.5	97.8	97.8	98.7	98.7	99.3	100.0	
≥ 0	80.0	88.9	90.7	92.3	93.7	94.0	95.6	96.2	96.2	97.5	97.8	97.8	98.7	98.7	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 6574

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

727930 SEATTLE/TACOMA IAP,WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	45.1	49.9	51.1	51.4	51.4	51.4	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9
≥ 20000	45.8	50.7	51.8	52.2	52.2	52.2	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7
≥ 18000	45.9	50.8	51.9	52.3	52.3	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 16000	45.9	50.8	51.9	52.3	52.3	52.3	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
≥ 14000	46.4	51.3	52.4	52.8	52.8	52.8	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
≥ 12000	48.2	53.1	54.2	54.6	54.6	54.6	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1
≥ 10000	50.7	55.9	57.2	57.6	57.6	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.1
≥ 9000	51.9	57.2	58.4	58.8	58.8	58.8	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3
≥ 8000	52.9	58.3	59.6	59.9	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.5
≥ 7000	54.4	59.9	61.2	61.6	61.6	61.6	61.8	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
≥ 6000	55.6	61.3	62.6	63.1	63.1	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6
≥ 5000	57.9	63.8	65.2	65.7	65.7	65.7	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.2
≥ 4500	60.1	66.1	67.5	68.0	68.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
≥ 4000	62.2	68.2	69.6	70.1	70.1	70.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
≥ 3500	64.3	70.8	72.2	72.7	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2
≥ 3000	67.0	74.0	75.5	76.0	76.0	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5
≥ 2500	68.7	76.1	77.6	78.2	78.3	78.3	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
≥ 2000	71.2	79.3	81.4	82.5	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
≥ 1800	72.3	80.6	82.7	84.0	84.2	84.2	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7
≥ 1500	73.2	82.2	84.6	86.2	86.6	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
≥ 1200	75.1	84.9	87.5	89.5	89.9	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
≥ 1000	76.0	86.1	88.7	90.9	91.2	91.2	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
≥ 900	76.8	87.1	90.0	92.1	92.5	92.5	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥ 800	77.5	88.0	90.9	93.0	93.4	93.4	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.4
≥ 700	77.7	88.4	91.2	93.4	93.7	93.7	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
≥ 600	77.8	88.5	91.4	93.6	94.2	94.2	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
≥ 500	77.8	88.6	91.6	93.9	94.5	94.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
≥ 400	77.8	88.9	91.9	94.2	95.4	95.4	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1
≥ 300	77.8	88.9	91.9	94.4	95.5	95.5	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 200	77.8	88.9	91.9	94.4	95.5	95.5	97.4	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.6
≥ 100	77.8	88.9	91.9	94.4	95.5	95.5	97.4	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.7	99.7
≥ 0	77.8	88.9	91.9	94.4	95.5	95.5	97.4	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]7937 SEATTLE/TACOMA IAP, WA 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
GMT

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	33.9	41.6	41.6	42.4	42.4	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	43.2	43.2
≥ 20000	34.6	41.6	42.6	43.5	43.5	43.7	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	44.2	44.2
≥ 18000	34.8	41.7	42.7	43.6	43.6	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.3	44.3
≥ 15000	34.9	41.8	42.8	43.7	43.7	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.5	44.5
≥ 14000	35.1	42.1	43.1	44.0	44.0	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.7	44.7
≥ 12000	36.8	43.8	44.8	45.7	45.7	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.5	46.5
≥ 10000	38.8	45.8	46.9	47.7	47.7	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.6	48.6
≥ 9000	39.9	47.0	48.0	49.0	49.0	49.2	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.9	49.9
≥ 8000	41.3	49.1	50.1	51.1	51.1	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	52.0	52.0
≥ 7000	42.7	50.5	51.6	52.6	52.6	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.5	53.5
≥ 6000	44.3	52.1	53.3	54.3	54.3	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	55.2	55.2
≥ 5000	47.5	55.7	56.8	57.8	57.8	58.1	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.7	58.7
≥ 4500	49.7	58.2	59.3	60.3	60.3	60.6	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	61.2	61.2
≥ 4000	52.0	60.6	61.8	62.8	62.8	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.7	63.7
≥ 3500	54.9	64.2	65.5	66.5	66.5	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.4	67.4
≥ 3000	57.6	67.1	68.4	69.5	69.5	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.4	70.4
≥ 2500	58.9	69.4	70.8	71.9	72.0	72.3	72.4	72.5	72.5	72.7	72.7	72.7	72.7	72.7	73.0	73.0
≥ 2000	62.0	72.9	74.3	75.7	75.8	76.1	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.8	76.8
≥ 1800	63.1	74.4	76.1	77.5	77.7	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.7	78.7
≥ 1500	64.7	76.8	78.6	80.2	80.5	80.7	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.5	81.5
≥ 1200	66.4	79.7	82.2	84.0	84.5	84.8	84.9	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.6	85.6
≥ 1000	66.6	80.4	82.9	84.9	85.5	85.8	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.6	86.6
≥ 900	67.0	81.0	83.6	85.8	86.4	86.6	86.8	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.5	87.5
≥ 800	67.8	82.0	84.8	86.9	87.5	87.8	87.9	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.7	88.7
≥ 700	68.1	82.6	85.4	87.5	88.2	88.4	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.4	89.4
≥ 600	68.3	83.0	86.0	88.3	89.0	89.3	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	90.3	90.3
≥ 500	68.3	83.0	86.1	89.2	89.9	90.2	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.6	91.6
≥ 400	68.3	83.2	86.6	90.1	91.2	91.6	92.3	92.6	92.6	92.7	92.7	92.7	92.7	92.7	93.1	93.1
≥ 300	68.3	83.2	86.6	90.4	92.2	92.6	93.8	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.8	94.8
≥ 200	68.3	83.2	86.8	90.8	92.6	92.9	94.7	95.0	95.0	95.5	95.6	95.6	96.0	96.0	96.6	97.0
≥ 100	68.3	83.2	86.8	90.8	92.6	92.9	94.8	95.1	95.1	95.6	96.0	96.0	96.3	96.3	97.7	99.1
≥ 0	68.3	83.2	86.8	90.8	92.6	92.9	94.8	95.1	95.1	95.6	96.0	96.0	96.3	96.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP,WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	26	21	14	13	12	11	7	6	5	4½	4	3½	3	2½	2	1½
UNLIM	28.4	33.5	35.4	36.9	37.2	37.2	37.8	37.9	37.9	38.3	38.5	38.5	39.1	39.1	39.3	39.3
25000	29.6	34.7	36.8	38.3	38.5	38.5	39.2	39.3	39.3	39.7	39.9	39.9	40.5	40.5	40.7	40.7
20000	29.6	34.7	36.8	38.3	38.5	38.5	39.2	39.3	39.3	39.7	39.9	39.9	40.5	40.5	40.7	40.7
15000	29.8	34.9	36.9	38.4	38.7	38.7	39.3	39.4	39.4	39.8	40.1	40.1	40.6	40.6	40.8	40.8
12000	29.9	35.0	37.1	38.5	38.8	38.8	39.4	39.6	39.6	39.9	40.2	40.2	40.7	40.7	41.0	41.0
10000	31.4	36.5	38.7	40.2	40.5	40.5	41.2	41.3	41.3	41.7	42.0	42.0	42.5	42.5	42.7	42.7
9000	32.4	37.5	39.7	41.2	41.5	41.5	42.2	42.4	42.4	42.7	43.0	43.0	43.5	43.5	43.8	43.8
8000	33.3	38.8	41.0	42.5	42.7	42.7	43.5	43.6	43.6	44.0	44.3	44.3	44.8	44.8	45.0	45.0
7000	34.1	39.6	41.7	43.3	43.5	43.5	44.3	44.4	44.4	44.8	45.0	45.0	45.5	45.5	45.8	45.8
6000	35.2	40.7	43.0	44.5	44.8	44.8	45.5	45.7	45.7	46.1	46.3	46.3	46.8	46.8	47.1	47.1
5000	35.9	41.3	43.8	45.5	45.9	45.9	46.7	46.8	46.8	47.2	47.5	47.5	48.0	48.0	48.2	48.2
4500	38.2	43.9	46.3	48.1	48.5	48.5	49.2	49.4	49.4	49.7	50.0	50.0	50.5	50.5	50.8	50.8
4000	39.7	45.5	48.0	49.7	50.1	50.1	50.9	51.0	51.0	51.4	51.7	51.7	52.2	52.2	52.4	52.4
3500	41.5	47.8	50.3	52.0	52.5	52.5	53.3	53.4	53.4	53.8	54.1	54.1	54.6	54.6	54.8	54.8
3000	44.1	51.1	53.6	55.3	55.9	55.9	56.7	56.9	56.9	57.3	57.5	57.5	58.0	58.0	58.3	58.3
2500	45.3	52.5	55.1	56.9	57.4	57.4	58.3	58.4	58.4	58.9	59.2	59.2	59.7	59.7	59.9	59.9
2000	47.5	55.7	58.4	60.7	61.2	61.2	62.1	62.2	62.2	62.7	63.0	63.0	63.5	63.5	63.7	63.7
1800	51.0	60.4	63.5	66.0	66.8	67.0	68.2	68.3	68.3	68.8	69.1	69.1	69.6	69.6	69.8	69.8
1600	52.4	62.8	66.0	68.7	69.5	69.7	71.1	71.2	71.2	71.8	72.1	72.1	72.6	72.6	72.9	72.9
1400	53.6	64.1	67.4	70.2	71.4	71.8	73.2	73.4	73.4	73.9	74.3	74.3	74.8	74.8	75.1	75.1
1200	54.6	66.7	70.2	73.5	74.7	75.3	76.8	77.1	77.1	77.7	78.1	78.1	78.6	78.6	79.0	79.0
1000	55.7	69.0	72.6	76.0	77.2	78.0	79.5	80.0	80.0	80.7	81.0	81.0	81.6	81.6	81.9	81.9
900	56.0	69.5	73.2	76.5	77.7	78.5	80.0	80.5	80.5	81.2	81.6	81.6	82.1	82.1	82.4	82.4
800	56.2	70.1	73.9	77.2	78.5	79.3	80.8	81.3	81.3	81.9	82.3	82.3	82.8	82.8	83.2	83.2
700	56.4	70.4	74.4	77.9	79.3	80.0	81.7	82.2	82.2	82.8	83.2	83.2	83.7	83.7	84.1	84.1
600	56.6	71.0	75.7	79.5	81.9	81.7	83.7	84.2	84.2	84.9	85.2	85.2	85.8	85.8	86.1	86.1
500	56.6	71.0	75.8	79.6	81.6	82.3	84.5	85.1	85.1	85.8	86.1	86.1	86.6	86.6	87.0	87.0
400	56.7	71.1	76.1	80.2	82.4	83.3	85.9	86.8	86.8	87.8	88.2	88.2	88.7	88.7	89.2	89.2
300	56.7	71.1	76.1	80.2	82.8	84.0	87.3	88.5	88.7	90.5	90.8	90.8	91.6	91.6	92.4	92.4
200	56.7	71.1	76.1	80.4	83.1	84.5	87.8	89.3	89.4	91.9	92.5	92.5	93.8	93.8	95.2	96.2
100	56.7	71.1	76.1	80.4	83.1	84.5	87.9	89.4	89.6	92.1	92.9	92.9	94.5	94.5	96.4	98.3
0	56.7	71.1	76.1	80.4	83.1	84.5	87.9	89.4	89.6	92.1	92.9	92.9	94.5	94.5	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP,WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)																	
	2½	2	1½	1¼	1	¾	½	⅜	¼	⅛	0	1¼	1	¾	½	¼	0	
CLR	34.3	40.7	41.2	41.7	42.7	42.8	43.1	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4		
25000	36.7	42.7	43.2	43.7	44.7	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4		
20000	36.7	42.7	43.2	43.7	44.7	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4		
15000	36.7	42.7	43.2	43.7	44.7	44.8	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4		
10000	37.1	43.1	43.6	44.1	45.1	45.2	45.4	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8		
9000	38.3	44.4	44.9	45.4	46.4	46.6	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.2	47.2	47.2		
8000	39.3	45.4	45.9	46.4	47.4	47.6	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.2	48.2	48.2		
7000	39.8	46.1	46.6	47.1	48.1	48.2	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8		
6000	40.2	46.7	47.2	47.7	48.7	48.8	49.1	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4		
5000	42.1	48.6	49.1	49.6	50.6	50.7	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3		
4500	42.7	49.3	49.9	50.4	51.4	51.6	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2		
4000	44.9	51.9	52.6	53.1	54.1	54.2	54.4	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8		
3500	46.7	54.1	54.7	55.2	56.3	56.4	56.7	56.8	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1		
3000	48.3	56.2	56.8	57.3	58.4	58.6	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2		
2500	50.1	58.4	59.2	59.7	60.8	61.0	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.7	61.7	61.7		
2400	52.9	62.5	63.3	64.2	65.5	65.8	66.0	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4		
2200	56.4	67.2	68.1	69.0	70.4	70.7	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7		
2000	59.3	70.9	71.9	72.9	74.5	74.9	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2		
1800	61.2	73.3	74.3	75.5	77.2	77.5	78.4	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8		
1500	62.8	75.9	77.2	78.4	80.1	80.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9		
1400	64.0	77.9	79.4	80.8	83.0	83.5	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5		
1300	64.8	79.4	80.9	82.3	84.5	85.0	86.6	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0		
1200	64.9	79.7	81.1	82.8	85.1	85.6	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6		
1100	64.9	80.0	81.5	83.1	85.9	86.6	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8		
1000	65.2	80.9	82.6	84.4	87.3	88.0	9 .0	90.1	90.3	90.4	90.4	90.4	90.4	90.5	90.5	90.5		
900	65.4	81.3	83.4	85.3	88.1	88.9	91.0	91.3	91.4	91.5	91.9	91.9	91.9	92.0	92.0	92.0		
800	65.4	81.4	83.5	85.5	88.5	89.3	91.8	92.1	92.3	92.5	92.9	92.9	92.9	93.0	93.0	93.0		
700	65.5	81.5	83.6	86.0	89.0	89.8	92.5	93.1	93.3	93.9	94.3	94.3	94.3	94.4	94.4	94.4		
600	65.5	81.6	83.8	86.3	89.3	90.0	93.4	94.8	94.9	96.0	96.5	96.5	97.0	97.1	97.3	97.4		
500	65.5	81.6	83.8	86.3	89.3	90.0	93.5	95.1	95.3	97.1	97.8	97.8	98.6	98.8	98.9	99.5		
400	65.5	81.6	83.8	86.3	89.3	90.0	93.5	95.1	95.3	97.1	97.8	97.8	98.6	98.8	98.9	99.5		
300	65.5	81.6	83.8	86.3	89.3	90.0	93.5	95.1	95.3	97.1	97.8	97.8	98.6	98.8	98.9	100.0		

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP,WA 73-81 SEP

STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY STATUTE MILES

CEILING FEET	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	½	0
≥ UNL	47.1	49.5	49.7	50.3	51.3	51.3	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 20000	51.1	53.9	54.3	54.8	55.8	55.8	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 18000	51.5	54.3	54.8	55.3	56.3	56.3	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
≥ 16000	52.3	54.9	55.4	55.9	56.9	56.9	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 14000	52.5	55.5	56.0	56.5	57.6	57.6	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
≥ 12000	53.9	57.2	57.8	58.3	59.3	59.3	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 11000	54.7	58.1	58.7	59.2	60.2	60.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 10000	55.2	58.7	59.3	59.8	60.8	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 9000	55.5	59.2	59.8	60.3	61.3	61.3	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	57.6	61.2	61.8	62.3	63.4	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 7000	59.2	62.8	63.5	64.0	65.0	65.0	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 6000	62.7	67.1	68.0	68.5	69.5	69.5	69.8	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 5000	64.7	69.1	70.0	70.5	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 4500	67.1	71.5	72.5	73.0	74.1	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 4000	70.4	74.9	75.9	76.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 3500	73.4	78.5	79.5	80.1	81.1	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 3000	78.2	84.1	85.3	86.0	87.3	87.3	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2500	80.4	86.8	88.2	88.9	90.3	90.3	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	81.1	87.8	89.4	90.2	91.6	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1800	82.1	88.9	90.7	91.4	92.9	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
≥ 1600	82.9	89.8	91.8	92.7	94.3	94.3	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1400	83.5	90.4	92.4	93.6	95.3	95.3	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	83.5	90.7	92.7	94.0	95.7	95.7	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	83.5	90.8	92.8	94.2	96.0	96.1	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	83.5	90.8	92.8	94.2	96.1	96.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	83.8	91.1	93.1	94.5	96.5	96.9	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 700	83.8	91.2	93.3	94.7	96.7	97.1	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	83.8	91.2	93.3	94.7	96.9	97.2	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	83.8	91.2	93.3	94.8	97.0	97.6	99.2	99.5	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	83.8	91.2	93.3	94.8	97.0	97.6	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	83.8	91.2	93.3	94.8	97.0	97.6	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300	83.8	91.2	93.3	94.8	97.0	97.6	99.2	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GL EAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP,WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY (STATUTE MILES)

CEILING (HUNDREDS OF FEET)	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	¼	0
	50.7	53.7	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
	55.1	58.1	58.6	58.6	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
	55.2	58.3	58.8	58.8	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
	55.2	58.3	58.8	58.8	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
	56.2	59.5	60.0	60.0	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	58.3	61.9	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
	59.2	63.4	63.9	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
	60.0	64.1	64.6	64.6	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
	62.0	66.1	66.6	66.6	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
	63.6	67.9	68.5	68.5	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
	66.1	70.5	71.1	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
	70.0	74.4	75.0	75.0	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
	72.9	77.3	77.9	77.9	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	75.8	80.3	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	78.2	82.8	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
	82.4	87.5	88.3	88.6	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	85.2	91.0	92.0	92.3	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	86.6	92.7	93.9	94.5	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	86.9	93.1	94.2	94.9	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	87.2	93.6	94.7	95.7	96.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	87.2	93.7	95.1	96.2	97.1	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	87.2	93.9	95.2	96.7	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	87.2	93.9	95.2	96.7	97.7	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	87.2	94.0	95.4	97.0	98.0	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	87.2	94.0	95.4	97.0	98.0	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	87.2	94.0	95.5	97.1	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	87.2	94.0	95.5	97.1	98.2	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	87.2	94.0	95.5	97.1	98.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	87.2	94.0	95.7	97.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.2	94.0	95.7	97.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.2	94.0	95.7	97.4	98.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	87.2	94.0	95.7	97.4	98.7	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 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP, WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE 1800-2000
FROM HOURLY OBSERVATIONS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	1/16	1/32	1/64	0
CLEAR	54.2	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
25000	57.7	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
20000	58.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
15000	58.1	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
12000	58.6	61.0	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
10000	60.4	63.0	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
9000	62.1	65.0	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
8000	63.2	66.2	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
7000	64.7	67.8	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
6000	66.1	69.1	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
5000	69.1	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
4500	72.4	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
4000	74.9	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
3500	76.7	80.9	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
3000	79.0	83.7	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	84.4
2500	82.2	87.2	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
2200	85.7	91.3	92.5	92.7	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0
2000	87.1	93.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1800	87.6	94.0	95.2	95.5	95.6	95.6	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
1500	88.3	95.0	96.2	96.5	96.6	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
1200	88.7	95.4	96.6	96.9	97.1	97.1	97.4	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1000	88.8	95.5	96.9	97.4	97.6	97.6	97.9	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
900	89.1	95.7	97.1	97.6	98.0	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	89.1	95.7	97.1	97.7	98.1	98.1	98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
700	89.0	95.7	97.1	97.7	98.1	98.2	98.5	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
600	89.0	95.9	97.2	97.9	98.2	98.4	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
500	89.0	96.0	97.4	98.0	98.4	98.5	98.9	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	89.0	96.0	97.4	98.0	98.4	98.5	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300	89.0	96.0	97.4	98.0	98.4	98.6	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200	89.0	96.0	97.4	98.0	98.4	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
100	89.0	96.0	97.4	98.0	98.4	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
0	89.0	96.0	97.4	98.0	98.4	98.6	99.1	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 723 SEATTLE/TACOMA IAP, WA 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3½	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	0
CLR	54.6	58.0	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥20000	56.5	59.9	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
≥18000	56.9	60.3	61.1	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥16000	57.1	60.5	61.4	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
≥14000	57.4	60.8	61.6	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
≥12000	57.7	61.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥11000	58.5	62.3	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
≥10000	59.2	63.1	64.2	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥9000	60.5	64.7	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥8000	61.3	65.4	66.4	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
≥7000	62.6	67.2	68.2	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥6000	66.7	71.4	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
≥5000	69.7	74.7	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥4500	70.7	75.8	77.0	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
≥4000	73.2	79.0	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥3500	76.4	83.3	84.5	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
≥3000	79.5	87.4	89.1	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥2500	81.0	90.1	91.7	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥2000	81.4	90.4	92.1	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥1800	82.9	91.9	93.7	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
≥1700	83.8	92.8	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥1600	84.3	93.6	95.3	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
≥1400	84.7	94.0	95.7	96.0	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥1200	84.7	94.1	95.8	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1000	84.7	94.1	95.8	96.1	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥900	85.2	95.1	96.9	97.2	98.0	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥800	85.2	95.1	96.9	97.2	98.0	98.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥700	85.2	95.1	96.9	97.2	98.1	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥600	85.2	95.2	97.0	97.4	98.2	98.6	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥500	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥400	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥300	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥200	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0
≥100	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0
0	85.2	95.2	97.1	97.5	98.4	98.7	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP,WA 73-81 SEP
WBAN NO. 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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	43.6	47.8	48.6	49.1	49.4	49.5	49.6	49.7	49.7	49.8	49.8	49.8	49.9	49.9	50.0	50.0
≥ 20000	45.9	50.2	51.1	51.6	51.9	51.9	52.1	52.2	52.2	52.3	52.3	52.3	52.4	52.4	52.5	52.5
≥ 18000	46.1	50.4	51.3	51.8	52.1	52.1	52.3	52.4	52.4	52.5	52.5	52.5	52.6	52.6	52.7	52.7
≥ 16000	46.2	50.6	51.4	51.9	52.2	52.3	52.5	52.5	52.5	52.6	52.6	52.6	52.7	52.7	52.8	52.8
≥ 14000	46.7	51.0	51.9	52.4	52.7	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.3	53.3
≥ 12000	48.2	52.7	53.6	54.1	54.4	54.5	54.7	54.7	54.7	54.8	54.8	54.8	54.9	54.9	55.0	55.0
≥ 10000	49.5	54.2	55.1	55.6	55.9	56.0	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.6
≥ 9000	50.4	55.2	56.1	56.6	56.9	57.0	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.6
≥ 8000	51.4	56.5	57.4	57.9	58.2	58.3	58.5	58.5	58.5	58.6	58.7	58.7	58.7	58.7	58.8	58.8
≥ 7000	52.9	57.9	58.9	59.4	59.8	59.8	60.0	60.1	60.1	60.2	60.2	60.2	60.3	60.3	60.3	60.4
≥ 6000	54.5	59.6	60.6	61.2	61.5	61.6	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.1	62.1
≥ 5000	57.6	63.1	64.1	64.7	65.0	65.1	65.3	65.3	65.3	65.4	65.5	65.5	65.5	65.5	65.6	65.6
≥ 4500	59.8	65.6	66.6	67.2	67.5	67.6	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.2
≥ 4000	61.8	67.7	68.8	69.4	69.8	69.8	70.0	70.1	70.1	70.2	70.2	70.2	70.3	70.3	70.4	70.4
≥ 3500	64.3	70.7	71.8	72.4	72.8	72.8	73.1	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4	73.4
≥ 3000	67.2	74.1	75.3	76.0	76.5	76.6	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1
≥ 2500	70.0	77.8	79.2	80.1	80.6	80.7	81.0	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4
≥ 2000	72.3	80.8	82.4	83.4	84.1	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	85.0	85.0
≥ 1800	73.3	82.1	83.8	84.8	85.5	85.7	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.5
≥ 1500	74.4	83.6	85.4	86.6	87.4	87.6	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.4	88.4
≥ 1200	75.4	85.1	87.2	88.6	89.5	89.7	90.3	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.8	90.8
≥ 1000	75.9	86.0	88.2	89.7	90.7	90.9	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9	92.0	92.0
≥ 900	76.2	86.5	88.6	90.2	91.2	91.5	92.1	92.3	92.3	92.4	92.5	92.5	92.6	92.6	92.7	92.7
≥ 800	76.4	86.9	89.0	90.7	91.7	92.1	92.8	92.9	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.3
≥ 700	76.5	87.1	89.4	91.0	92.2	92.5	93.3	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.9	93.9
≥ 600	76.7	87.5	89.9	91.7	92.9	93.3	94.2	94.4	94.4	94.6	94.7	94.7	94.8	94.8	94.9	94.9
≥ 500	76.7	87.6	90.0	91.9	93.2	93.6	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.4	95.5
≥ 400	76.7	87.6	90.2	92.2	93.7	94.2	95.4	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.3	96.4
≥ 300	76.7	87.7	90.2	92.4	94.0	94.6	96.1	96.6	96.6	97.1	97.2	97.2	97.4	97.4	97.6	97.6
≥ 200	76.7	87.7	90.3	92.5	94.1	94.7	96.4	97.0	97.0	97.7	97.9	97.9	98.3	98.3	98.6	98.9
≥ 100	76.7	87.7	90.3	92.5	94.1	94.7	96.4	97.0	97.1	97.8	98.1	98.1	98.4	98.4	98.9	99.6
≥ 0	76.7	87.7	90.3	92.5	94.1	94.7	96.4	97.0	97.1	97.8	98.1	98.1	98.4	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 6363

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA (STATION NAME) | 73-81 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/8	≥½	≥0
NO CEILING	30.8	39.1	41.3	43.5	44.4	44.6	45.1	45.2	45.2	45.5	45.6	45.6	45.8	45.8	45.8	46.1
< 25000	31.3	40.6	42.8	45.3	46.3	46.6	47.1	47.2	47.2	47.4	47.5	47.5	47.8	47.8	47.8	48.0
≥ 25000	32.1	40.8	43.0	45.6	46.6	46.8	47.3	47.4	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.3
< 20000	32.4	41.1	43.3	45.8	46.8	47.1	47.5	47.7	47.7	47.9	48.0	48.0	48.3	48.3	48.3	48.5
≥ 20000	32.7	41.4	43.6	46.2	47.2	47.4	47.9	48.0	48.0	48.3	48.4	48.4	48.7	48.7	48.7	48.9
< 15000	33.5	42.5	44.9	47.4	48.4	48.7	49.1	49.3	49.3	49.5	49.6	49.6	49.9	49.9	49.9	50.1
< 10000	34.1	43.4	45.7	48.4	49.4	49.6	50.1	50.2	50.2	50.5	50.6	50.6	50.9	50.9	50.9	51.1
≥ 9000	35.8	45.1	47.5	50.2	51.2	51.5	52.0	52.1	52.1	52.3	52.5	52.5	52.7	52.7	52.7	52.9
< 8000	36.9	46.3	48.8	51.5	52.5	52.7	53.2	53.3	53.3	53.6	53.7	53.7	53.9	53.9	53.9	54.2
< 7000	38.7	48.4	50.9	53.6	54.5	54.8	55.3	55.4	55.4	55.6	55.8	55.8	56.0	56.0	56.0	56.3
≥ 6000	39.8	50.0	52.5	55.1	56.1	56.4	56.9	57.0	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.8
< 5000	43.5	54.0	56.5	59.2	60.2	60.4	60.9	61.0	61.0	61.3	61.4	61.4	61.6	61.6	61.6	61.9
< 4500	46.1	57.8	60.5	63.4	64.3	64.6	65.1	65.2	65.2	65.4	65.6	65.6	65.8	65.8	65.8	66.1
< 4000	48.2	60.4	63.6	66.4	67.5	67.8	68.3	68.4	68.4	68.6	68.8	68.8	69.0	69.0	69.0	69.2
≥ 3500	51.3	64.3	67.9	71.0	72.2	72.4	72.9	73.0	73.0	73.3	73.4	73.4	73.7	73.7	73.7	73.9
≥ 3000	55.3	69.6	73.3	76.3	77.7	77.9	78.4	78.6	78.6	78.8	78.9	78.9	79.2	79.2	79.2	79.4
< 2500	57.0	71.4	75.2	78.9	80.3	80.5	81.0	81.1	81.1	81.4	81.5	81.5	81.7	81.7	81.7	82.0
≥ 2000	58.8	73.4	77.2	81.1	82.5	82.7	83.6	83.7	83.7	83.9	84.1	84.1	84.3	84.3	84.3	84.6
< 1800	59.6	74.5	78.3	82.4	83.7	83.9	84.8	84.9	84.9	85.2	85.3	85.3	85.5	85.5	85.5	85.8
< 1500	61.4	76.3	80.1	84.3	85.7	85.9	86.8	86.9	86.9	87.1	87.3	87.3	87.5	87.5	87.5	87.7
≥ 1200	64.3	79.7	83.6	87.9	89.2	89.5	90.4	90.6	90.6	90.8	90.9	90.9	91.2	91.2	91.2	91.4
< 1000	65.1	80.4	84.3	88.6	90.0	90.2	91.2	91.3	91.3	91.5	91.7	91.7	91.9	91.9	91.9	92.2
< 900	65.1	80.5	84.4	89.1	90.4	90.7	91.7	91.8	91.8	92.0	92.2	92.2	92.4	92.4	92.4	92.6
≥ 800	65.1	80.6	84.6	89.2	90.7	90.9	92.0	92.2	92.2	92.4	92.5	92.5	92.8	92.8	92.8	93.0
< 700	65.2	80.8	84.7	89.3	90.8	91.1	92.2	92.3	92.3	92.5	92.6	92.6	92.9	92.9	92.9	93.1
< 600	65.4	81.1	85.2	90.1	91.5	91.8	92.9	93.0	93.0	93.3	93.4	93.4	93.6	93.6	93.6	93.9
≥ 500	65.4	81.1	85.2	90.1	91.5	91.8	93.0	93.1	93.1	93.4	93.5	93.5	93.8	93.8	93.8	94.0
≥ 400	65.4	81.1	85.2	90.4	91.9	92.2	93.4	93.6	93.6	93.9	94.0	94.0	94.2	94.2	94.2	94.5
≥ 300	65.4	81.3	85.4	90.8	92.6	92.9	94.2	94.5	94.5	94.7	94.9	94.9	95.1	95.1	95.3	95.8
≥ 200	65.4	81.3	85.4	90.8	93.0	93.3	94.6	95.0	95.0	95.3	95.5	95.5	96.3	96.3	96.6	97.9
≥ 100	65.4	81.3	85.4	90.9	93.1	93.4	94.7	95.1	95.1	95.5	95.6	95.6	96.6	96.6	97.2	99.4
≥ 0	65.4	81.3	85.4	90.9	93.1	93.4	94.7	95.1	95.1	95.5	95.6	95.6	96.6	96.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 816

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA (STATION NAME) | 73-81 (YEARS) | OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	19.5	26.8	28.9	31.0	31.7	31.8	33.3	33.5	33.5	33.5	33.9	33.9	34.3	34.3	35.0	35.1
≥ 18000	21.1	28.8	30.8	32.9	33.8	33.9	35.5	35.9	35.9	36.0	36.4	36.4	36.8	36.8	37.7	37.8
≥ 14000	21.2	28.9	31.0	33.0	33.9	34.0	35.6	36.0	36.0	36.1	36.5	36.5	37.0	37.0	37.8	37.9
≥ 12000	21.4	29.1	31.2	33.3	34.1	34.3	35.9	36.2	36.2	36.4	36.7	36.7	37.2	37.2	38.1	38.2
≥ 10000	21.8	29.5	31.6	33.7	34.5	34.6	36.2	36.6	36.6	36.7	37.1	37.1	37.6	37.6	38.4	38.6
≥ 9000	22.4	30.5	32.7	34.8	35.6	35.7	37.3	37.7	37.7	37.8	38.2	38.2	38.7	38.7	39.5	39.7
≥ 8000	24.0	32.2	34.4	36.5	37.3	37.5	39.0	39.4	39.4	39.5	39.9	39.9	40.4	40.4	41.2	41.4
≥ 7000	25.2	33.5	36.2	38.3	39.2	39.3	40.9	41.2	41.2	41.4	41.7	41.7	42.2	42.2	43.1	43.2
≥ 6000	25.7	34.1	37.0	39.0	39.9	40.0	41.6	42.1	42.1	42.2	42.6	42.6	43.1	43.1	43.9	44.1
≥ 5000	27.5	36.0	38.8	40.9	41.7	41.9	43.5	43.9	43.9	44.1	44.4	44.4	44.9	44.9	45.8	45.9
≥ 4500	29.1	38.4	41.2	43.3	44.2	44.3	45.9	46.4	46.4	46.5	46.9	46.9	47.4	47.4	48.2	48.3
≥ 4000	32.4	42.4	45.3	47.4	48.2	48.3	49.9	50.4	50.4	50.6	50.9	50.9	51.4	51.4	52.3	52.4
≥ 3500	34.8	45.0	48.1	50.2	51.0	51.2	52.8	53.2	53.2	53.4	53.7	53.7	54.2	54.2	55.1	55.2
≥ 3000	36.7	47.2	50.3	52.6	53.5	53.6	55.2	55.7	55.7	55.8	56.2	56.2	56.7	56.7	57.5	57.6
≥ 2500	39.2	51.2	54.5	56.9	57.8	57.9	59.5	60.0	60.0	60.1	60.5	60.5	61.0	61.0	61.8	61.9
≥ 2000	42.0	54.7	58.3	61.0	61.9	62.1	63.6	64.1	64.1	64.3	64.6	64.6	65.1	65.1	66.0	66.1
≥ 1800	45.3	58.1	61.9	64.7	65.7	65.9	67.6	68.1	68.1	68.2	68.5	68.5	69.0	69.0	69.9	70.0
≥ 1500	47.2	60.5	64.5	67.4	68.5	68.7	70.5	71.0	71.0	71.2	71.6	71.6	72.1	72.1	72.9	73.1
≥ 1200	49.0	62.5	66.6	69.6	70.7	70.9	72.7	73.2	73.2	73.6	73.9	73.9	74.4	74.4	75.3	75.4
≥ 1000	50.6	64.3	68.3	71.5	72.6	72.7	74.7	75.2	75.4	75.9	76.3	76.3	76.7	76.7	77.6	77.7
≥ 900	53.4	67.3	71.4	74.7	75.9	76.0	78.1	78.6	78.8	79.3	79.7	79.7	80.2	80.2	81.0	81.2
≥ 800	55.0	69.2	73.3	76.6	77.8	78.0	80.0	80.5	80.8	81.3	81.6	81.6	82.1	82.1	83.0	83.1
≥ 700	55.3	69.5	73.8	77.2	78.6	78.8	80.9	81.4	81.6	82.1	82.5	82.5	83.0	83.0	83.8	84.0
≥ 600	55.6	70.4	74.7	78.2	79.6	79.8	81.9	82.4	82.6	83.1	83.5	83.5	84.0	84.0	84.8	84.9
≥ 500	56.1	71.1	75.5	79.2	80.8	81.0	83.1	83.6	83.8	84.3	84.7	84.7	85.2	85.2	86.0	86.2
≥ 400	56.2	71.4	75.8	79.6	81.2	81.4	83.6	84.1	84.3	84.8	85.2	85.2	85.7	85.7	86.5	86.7
≥ 300	56.3	71.7	76.4	80.4	82.0	82.3	84.7	85.2	85.4	86.0	86.4	86.4	86.9	86.9	87.8	87.9
≥ 200	56.4	72.0	76.7	81.0	83.1	83.4	85.8	86.3	86.5	87.1	87.5	87.5	88.0	88.0	88.9	89.0
≥ 100	56.4	72.2	77.0	81.3	83.8	84.1	86.8	87.3	87.5	88.2	88.7	88.7	89.2	89.2	90.2	90.3
≥ 50	56.4	72.2	77.0	81.4	84.0	84.3	87.4	88.0	88.2	89.7	90.2	90.2	90.8	90.8	92.0	93.5
< 50	56.4	72.2	77.0	81.5	84.1	84.5	87.5	88.2	88.5	90.3	90.8	90.8	91.8	91.8	94.9	98.5
	56.4	72.2	77.0	81.5	84.1	84.5	87.5	88.2	88.5	90.3	90.8	90.8	91.8	91.8	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP,WA | 73-81 | OCT
STATION | STATION NAME | YEAR | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1¾	≥ 1½	≥ 1¼	≥ 1	≥ ⅞	≥ ¾	≥ ⅝	≥ ½	≥ 0
[illegible]	15.5	21.1	22.9	24.0	24.6	24.9	26.5	26.7	26.7	27.5	28.2	28.2	29.2	29.3	29.6	30.1
[illegible]	17.6	23.1	25.3	26.5	27.1	27.5	29.2	29.6	29.6	30.4	31.2	31.2	32.2	32.3	32.6	33.3
[illegible]	17.6	23.1	25.3	26.5	27.1	27.5	29.2	29.6	29.6	30.4	31.2	31.2	32.2	32.3	32.6	33.3
[illegible]	17.6	23.1	25.3	26.5	27.1	27.5	29.2	29.6	29.6	30.4	31.2	31.2	32.2	32.3	32.6	33.3
≥ 4400	19.4	24.9	27.1	28.4	29.0	29.3	31.1	31.4	31.4	32.3	33.0	33.0	34.0	34.1	34.5	35.1
[illegible]	20.9	26.5	28.9	30.1	30.7	31.1	32.8	33.1	33.1	34.0	34.7	34.7	35.7	35.8	36.2	36.9
≥ 9000	21.6	27.5	29.8	31.1	31.7	32.2	33.9	34.2	34.2	35.1	35.8	35.8	36.9	37.0	37.4	38.1
≥ 9000	22.1	28.1	30.4	31.7	32.3	32.8	34.5	34.8	34.8	35.7	36.4	36.4	37.5	37.7	38.0	38.8
≥ 8000	23.1	29.1	31.4	32.6	33.3	33.7	35.5	35.8	35.8	36.7	37.4	37.4	38.5	38.6	39.0	39.7
≥ 7000	24.2	30.2	32.5	33.7	34.4	34.8	36.6	36.9	36.9	37.8	38.5	38.5	39.6	39.7	40.1	41.0
≥ 6000	26.5	32.5	35.0	36.3	37.0	37.5	39.2	39.6	39.6	40.5	41.2	41.2	42.3	42.4	42.8	43.6
≥ 5000	29.3	35.9	39.0	40.3	41.1	41.6	43.4	43.8	43.8	44.6	45.4	45.4	46.5	46.6	46.9	47.9
≥ 4500	31.2	38.0	41.1	42.5	43.4	44.0	45.8	46.2	46.2	47.1	47.8	47.8	48.9	49.0	49.4	50.4
≥ 4000	33.5	40.6	43.6	45.1	46.0	46.6	48.4	48.8	48.8	49.6	50.4	50.4	51.5	51.6	52.0	52.9
≥ 3500	36.7	44.6	47.9	49.6	50.5	51.1	52.9	53.3	53.3	54.2	54.9	54.9	56.0	56.1	56.5	57.5
≥ 3000	39.2	48.0	51.5	53.4	54.4	55.0	56.8	57.2	57.2	58.1	58.8	58.8	59.9	60.0	60.4	61.4
≥ 2500	41.1	50.4	54.0	56.1	57.1	57.7	59.5	59.9	59.9	60.9	61.6	61.6	62.7	62.8	63.2	64.2
≥ 2000	43.6	54.0	58.2	60.6	61.7	62.3	64.2	64.5	64.5	65.6	66.4	66.4	67.5	67.6	68.0	68.9
≥ 1800	44.3	54.6	58.8	61.2	62.3	63.0	64.9	65.3	65.3	66.5	67.2	67.2	68.3	68.5	68.8	69.8
≥ 1500	46.0	56.5	60.6	63.1	64.2	64.8	66.9	67.2	67.5	68.7	69.4	69.4	70.5	70.7	71.0	72.0
≥ 1200	48.3	59.3	63.4	66.0	67.2	67.8	70.2	70.5	70.8	72.1	72.9	72.9	74.2	74.3	74.7	75.7
≥ 1000	49.4	60.6	64.8	67.5	68.7	69.8	72.4	72.7	73.0	74.4	75.2	75.2	76.7	76.8	77.1	78.1
≥ 900	49.5	60.8	65.0	67.7	68.9	70.2	72.7	73.1	73.3	74.8	75.6	75.6	77.0	77.1	77.5	78.5
≥ 800	50.5	61.9	66.3	69.1	70.3	71.6	74.2	74.6	74.8	76.3	77.0	77.0	78.5	78.6	79.0	80.0
≥ 700	50.7	62.7	67.1	69.9	71.1	72.5	75.2	75.6	75.8	77.5	78.2	78.2	79.7	79.8	80.2	81.2
≥ 600	51.0	63.0	67.8	70.9	72.2	73.6	76.3	76.7	76.9	78.7	79.5	79.5	80.9	81.1	81.5	82.5
≥ 500	51.2	63.4	68.7	72.0	73.5	74.8	77.6	78.1	78.4	80.3	81.1	81.1	82.5	82.6	83.1	84.1
≥ 400	51.2	63.8	69.2	72.6	74.3	75.7	78.6	79.2	79.6	82.0	82.8	82.8	84.2	84.4	84.8	85.8
≥ 300	51.2	63.9	69.3	72.9	74.7	76.3	79.7	80.4	80.8	84.1	84.8	85.1	86.7	86.8	87.4	88.5
≥ 200	51.2	63.9	69.3	72.9	74.7	76.3	80.6	81.5	81.9	85.6	86.3	86.6	89.0	89.2	90.7	93.6
≥ 100	51.2	63.9	69.3	72.9	74.7	76.3	80.6	81.5	81.9	85.7	86.6	86.9	89.9	90.1	92.8	98.8
≥ 0	51.2	63.9	69.3	72.9	74.7	76.3	80.6	81.5	81.9	85.7	86.6	86.9	90.0	90.2	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 818

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]3 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (GMT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥½	≥0
NO CEILING	17.5	23.2	24.8	26.4	27.9	28.2	28.4	28.6	28.7	29.3	29.4	29.4	29.5	29.5	29.8	30.3
≥ 22000	20.7	26.7	28.4	30.0	32.0	32.3	32.8	32.9	33.0	33.7	33.8	33.8	34.1	34.1	34.4	34.9
≥ 18000	21.1	27.1	28.8	30.4	32.5	32.7	33.2	33.3	33.4	34.0	34.1	34.1	34.6	34.6	34.9	35.4
≥ 16000	21.3	27.3	29.3	30.7	32.7	33.0	33.5	33.7	33.8	34.6	34.8	34.8	35.2	35.2	35.5	36.0
≥ 14000	22.7	28.9	30.6	32.3	34.3	34.6	35.1	35.2	35.4	36.2	36.3	36.3	36.8	36.8	37.1	37.5
≥ 12000	24.4	30.9	32.7	34.4	36.3	36.8	37.3	37.4	37.5	38.4	38.5	38.5	39.0	39.0	39.2	39.7
≥ 10000	25.3	31.8	33.7	35.4	37.3	37.9	38.4	38.5	38.6	39.5	39.6	39.6	40.1	40.1	40.3	40.8
≥ 9000	25.8	32.7	34.5	36.2	38.2	38.8	39.2	39.4	39.5	40.3	40.5	40.5	40.9	40.9	41.2	41.7
≥ 8000	26.6	33.5	35.4	37.1	39.0	39.6	40.1	40.2	40.3	41.2	41.3	41.3	41.8	41.8	42.0	42.5
≥ 7000	27.9	34.9	36.7	38.4	40.3	40.9	41.4	41.6	41.7	42.5	42.6	42.6	43.1	43.1	43.4	43.9
≥ 6000	30.1	37.1	38.9	40.6	42.5	43.1	43.6	43.7	43.9	44.7	44.8	44.8	45.3	45.3	45.6	46.1
≥ 5000	32.7	40.3	42.2	43.9	45.8	46.4	46.9	47.0	47.1	48.0	48.1	48.1	48.6	48.6	48.8	49.3
≥ 4500	36.2	44.2	46.1	47.9	49.8	50.4	50.9	51.0	51.2	52.0	52.1	52.1	52.6	52.6	52.9	53.3
≥ 4000	39.2	47.5	49.3	51.2	53.1	53.7	54.2	54.3	54.4	55.3	55.4	55.4	55.9	55.9	56.1	56.7
≥ 3500	39.9	48.4	50.3	52.1	54.1	54.7	55.2	55.3	55.5	56.4	56.5	56.5	57.0	57.0	57.2	57.8
≥ 3000	43.6	53.1	55.2	57.0	59.3	59.9	60.4	60.5	60.8	61.6	61.7	61.7	62.2	62.2	62.5	63.1
≥ 2500	45.1	55.5	57.7	59.5	62.0	62.6	63.1	63.2	63.4	64.3	64.4	64.4	64.9	64.9	65.1	65.7
≥ 2000	47.1	58.6	60.9	62.9	65.6	66.2	67.0	67.2	67.4	68.4	68.5	68.5	69.0	69.0	69.3	69.9
≥ 1800	48.8	60.8	63.2	65.4	68.3	68.9	69.6	69.9	70.1	71.1	71.2	71.2	71.7	71.7	71.9	72.5
≥ 1500	51.2	64.0	66.5	68.7	71.7	72.3	73.0	73.3	73.5	74.5	74.6	74.6	75.1	75.1	75.3	75.9
≥ 1200	52.9	67.2	69.9	72.2	75.3	76.1	76.8	77.2	77.4	78.4	78.5	78.5	79.0	79.0	79.2	79.8
≥ 1000	53.7	69.3	72.3	75.1	78.4	79.2	80.1	80.4	80.7	81.9	82.0	82.0	82.5	82.5	82.7	83.4
≥ 900	53.8	69.4	72.4	75.2	78.5	79.3	80.2	80.6	80.8	82.0	82.1	82.1	82.6	82.6	82.9	83.5
≥ 800	53.9	69.7	72.8	75.6	78.9	79.8	80.7	81.2	81.4	82.6	82.7	82.7	83.2	83.2	83.5	84.1
≥ 700	54.2	70.1	73.3	76.2	79.6	80.7	81.5	82.1	82.4	83.6	83.7	83.7	84.2	84.2	84.4	85.1
≥ 600	54.2	70.5	74.1	77.4	80.9	82.3	83.4	84.0	84.2	85.7	85.8	85.8	86.3	86.3	86.5	87.1
≥ 500	54.2	70.5	74.1	77.6	81.3	82.6	83.8	84.6	84.9	86.8	87.1	87.1	87.6	87.6	87.8	88.5
≥ 400	54.2	70.5	74.2	78.0	81.9	83.2	85.1	86.1	86.8	89.1	89.6	89.6	90.5	90.5	90.9	91.5
≥ 300	54.2	70.5	74.2	78.0	81.9	83.2	85.4	86.6	87.2	90.3	91.3	91.3	92.5	92.5	93.0	93.8
≥ 200	54.2	70.5	74.2	78.0	81.9	83.2	85.5	86.8	87.4	90.8	92.0	92.0	93.4	93.4	94.5	97.7
≥ 100	54.2	70.5	74.2	78.0	81.9	83.2	85.5	86.8	87.4	90.8	92.0	92.0	93.6	93.6	95.1	99.5
≥ 0	54.2	70.5	74.2	78.0	81.9	83.2	85.5	86.8	87.4	90.8	92.0	92.0	93.6	93.6	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 823

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (WBAN) SEATTLE/TACOMA IAP,WA (PREVIOUS NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	0
≥ 22000	28.1	34.2	36.3	37.3	39.0	39.1	40.2	40.4	40.4	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 20000	32.1	38.3	40.4	41.7	43.6	43.7	45.0	45.3	45.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 18000	32.5	38.8	40.9	42.2	44.1	44.2	45.5	45.8	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
≥ 17000	32.9	39.2	41.4	42.7	44.5	44.7	46.0	46.2	46.2	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 16000	33.7	40.0	42.2	43.6	45.4	45.5	46.8	47.1	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 15000	35.7	42.5	44.8	46.1	48.1	48.2	49.5	49.8	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 14000	36.8	43.7	46.0	47.5	49.4	49.5	50.8	51.1	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
≥ 13000	37.6	44.5	46.8	48.3	50.2	50.4	51.7	51.9	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000	39.1	46.0	48.3	49.8	51.7	51.8	53.2	53.4	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 11000	40.7	47.6	49.9	51.3	53.4	53.5	54.9	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5
≥ 10000	43.1	50.0	52.3	53.9	55.9	56.1	57.4	57.6	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
≥ 9000	46.4	53.5	55.8	57.4	59.6	59.7	61.0	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 8000	48.7	56.8	59.1	60.7	62.9	63.0	64.3	64.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 7000	50.6	58.9	61.2	62.7	64.9	65.2	66.5	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
≥ 6000	52.1	60.8	63.2	64.8	67.1	67.4	68.8	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	56.4	66.0	68.7	70.4	72.7	72.9	74.4	74.6	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4500	59.0	69.9	72.7	74.4	76.7	77.1	78.9	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4000	62.4	74.6	77.5	79.4	81.7	82.2	84.1	84.6	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3500	63.3	76.1	79.0	80.8	83.1	83.7	85.8	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	64.4	77.8	81.1	82.9	85.4	86.0	88.1	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	65.0	78.9	82.3	84.5	87.3	87.9	90.0	90.5	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	65.3	79.6	83.1	85.7	88.7	89.7	92.0	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	65.7	80.0	83.5	86.0	89.1	90.0	92.4	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500	65.7	80.0	83.5	86.0	89.2	90.2	92.7	93.7	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	65.7	80.0	83.5	86.3	89.4	90.4	93.0	93.9	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1000	65.8	80.1	84.1	87.1	90.3	91.3	93.9	95.1	95.1	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 900	65.8	80.2	84.2	87.3	90.4	91.4	94.5	95.9	95.9	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 800	65.8	80.2	84.2	87.3	90.4	91.4	94.8	96.1	96.1	97.1	97.3	97.3	97.5	97.8	97.8	97.8	97.8
≥ 700	65.8	80.2	84.2	87.3	90.4	91.4	94.8	96.2	96.2	97.5	98.1	98.1	98.4	98.8	98.8	98.8	98.8
≥ 600	65.8	80.2	84.2	87.3	90.4	91.4	94.8	96.2	96.2	97.5	98.2	98.2	98.7	99.5	99.5	99.6	99.6
≥ 500	65.8	80.2	84.2	87.3	90.4	91.4	94.8	96.2	96.2	97.5	98.2	98.2	98.7	99.5	99.5	99.8	99.8
≥ 0	65.8	80.2	84.2	87.3	90.4	91.4	94.8	96.2	96.2	97.6	98.3	98.3	98.8	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	¼	≥5/16	≥¼	0
≥ UNLIMITED	40.5	44.1	45.4	46.7	47.7	47.8	48.1	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 20000	44.3	48.4	49.8	51.1	52.4	52.5	52.8	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
≥ 18000	44.6	48.7	51.0	51.3	52.7	52.8	53.0	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6
≥ 16000	45.2	49.4	50.7	52.1	53.4	53.5	53.7	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	46.1	50.4	51.7	53.0	54.3	54.5	54.7	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
≥ 12000	47.6	52.3	53.9	55.2	56.5	56.6	56.9	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
≥ 10000	49.5	54.2	56.0	57.4	58.7	58.8	59.1	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 9000	50.2	55.0	56.8	58.1	59.4	59.5	59.8	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 8000	52.2	57.0	58.8	60.1	61.5	61.6	61.8	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 7000	54.1	58.9	60.7	62.1	63.4	63.5	63.8	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 6000	56.5	61.5	63.3	64.6	65.9	66.1	66.3	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 5000	59.2	64.1	66.4	67.8	69.1	69.2	69.4	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 4500	61.2	66.8	69.4	71.1	72.5	72.6	72.8	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 4000	62.3	68.4	71.0	72.7	74.0	74.2	74.4	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 3500	64.5	71.3	74.0	75.8	77.2	77.3	77.5	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 3000	68.0	75.2	78.0	80.3	81.6	81.8	82.0	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500	71.4	79.5	82.7	85.0	86.5	86.6	86.8	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 2000	73.1	82.2	85.9	88.3	90.0	90.3	90.6	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	73.7	82.9	86.7	89.1	90.8	91.2	91.4	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	74.2	83.8	87.7	90.6	92.5	92.9	93.2	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1200	74.9	84.8	88.6	91.7	93.7	94.3	94.8	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	75.0	85.0	88.9	92.3	94.4	95.0	95.7	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	75.0	85.1	89.0	92.6	94.8	95.5	96.1	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	75.0	85.1	89.1	92.8	94.9	95.7	96.3	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	75.0	85.1	89.1	92.8	94.9	95.7	96.4	97.2	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	75.0	85.1	89.1	93.0	95.2	95.9	96.7	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 500	75.0	85.1	89.1	93.0	95.3	96.0	97.1	98.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	75.0	85.1	89.3	93.2	95.5	96.4	97.7	98.8	98.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	75.0	85.3	89.4	93.4	95.7	96.5	97.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	75.0	85.3	89.4	93.4	95.7	96.5	97.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	75.0	85.3	89.4	93.4	95.7	96.5	97.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	75.0	85.3	89.4	93.4	95.7	96.5	97.8	99.0	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP,WA 73-81 OCT
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 0
≥ [illegible]	43.9	46.7	47.9	48.5	48.8	48.8	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000	45.7	49.0	50.5	51.4	52.2	52.4	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 18000	46.1	49.3	50.9	51.9	52.8	53.0	53.5	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ [illegible]	46.3	49.6	51.2	52.1	53.1	53.2	53.7	53.9	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 14000	48.0	51.3	52.8	53.8	54.8	54.9	55.4	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 12000	49.0	52.2	53.8	54.9	55.9	56.0	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8
≥ 10000	51.3	55.0	56.6	57.7	58.7	58.8	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 9000	52.6	56.6	58.2	59.3	60.2	60.4	60.8	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 8000	54.1	58.1	59.6	60.7	61.7	61.8	62.3	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 7000	55.2	59.2	60.7	61.8	62.8	62.9	63.4	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
≥ 6000	56.8	61.0	62.5	63.6	64.6	64.7	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 5000	59.3	63.5	65.2	66.5	67.5	67.6	68.2	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 4500	64.0	68.5	70.2	71.5	72.6	72.7	73.3	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 4000	65.2	69.9	71.6	73.0	74.1	74.2	74.8	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 3500	68.2	73.3	75.2	76.5	77.7	77.8	78.4	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	71.9	78.3	80.4	81.7	82.9	83.0	83.6	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500	74.5	81.9	84.0	85.3	86.5	86.7	87.3	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 2000	76.5	84.2	86.4	88.2	89.6	89.9	90.5	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1800	77.1	85.0	87.2	89.0	90.3	90.7	91.3	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500	78.1	85.9	88.4	90.2	91.6	92.0	92.6	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1200	79.3	87.3	89.8	91.6	93.2	93.7	94.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1000	79.6	87.8	90.3	92.2	94.1	94.7	95.6	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	79.6	87.8	90.4	92.4	94.4	95.0	96.0	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	79.6	87.8	90.4	92.4	94.4	95.2	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	79.6	87.8	90.4	92.8	94.9	95.6	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 600	79.8	88.1	90.8	93.5	95.5	96.2	97.8	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	80.0	88.4	91.0	93.7	95.9	96.6	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	80.0	88.4	91.2	93.8	96.0	96.7	98.3	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	80.0	88.4	91.2	93.8	96.1	96.8	98.4	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	80.0	88.4	91.2	93.8	96.1	96.8	98.4	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	80.0	88.4	91.2	93.8	96.1	96.8	98.4	99.3	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	80.0	88.4	91.2	93.8	96.1	96.8	98.4	99.3	99.3	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 825

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793[illegible] SEATTLE/TACOMA IAP,WA 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

VISIBILITY STATUTE MILES

CEILING FEET	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	15	20
[illegible]	39.3	43.9	44.9	46.4	46.6	47.0	47.1	47.2	47.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6
[illegible]	41.6	46.2	47.3	49.3	49.5	49.9	50.2	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7
[illegible]	42.1	46.7	47.8	49.8	50.0	50.4	50.7	50.8	50.8	51.1	51.2	51.2	51.2	51.2	51.2	51.2
[illegible]	42.1	47.0	48.1	50.0	50.2	50.6	51.0	51.1	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5
[illegible]	43.1	47.9	49.0	51.0	51.2	51.6	51.9	52.1	52.1	52.3	52.4	52.4	52.4	52.4	52.4	52.4
[illegible]	44.1	49.3	50.4	52.3	52.5	52.9	53.3	53.4	53.4	53.6	53.8	53.8	53.8	53.8	53.8	53.8
[illegible]	44.9	50.6	51.7	53.6	54.0	54.4	54.9	55.0	55.0	55.2	55.3	55.3	55.3	55.3	55.3	55.3
[illegible]	46.1	51.8	52.9	54.9	55.2	55.6	56.1	56.2	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6
[illegible]	47.2	53.0	54.1	56.1	56.4	56.8	57.3	57.4	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8
[illegible]	49.3	55.1	56.2	58.1	58.5	58.9	59.3	59.5	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.8
[illegible]	50.6	56.4	57.5	59.6	60.0	60.3	60.8	60.9	60.9	61.2	61.3	61.3	61.3	61.3	61.3	61.3
[illegible]	53.9	60.1	61.4	63.6	64.0	64.3	64.8	64.9	64.9	65.2	65.3	65.3	65.3	65.3	65.3	65.3
[illegible]	56.7	64.1	65.4	67.6	68.0	68.3	68.8	68.9	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3
[illegible]	59.1	67.2	68.8	71.0	71.5	71.8	72.3	72.5	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8
[illegible]	63.2	71.8	73.4	75.6	76.3	76.7	77.2	77.3	77.3	77.5	77.7	77.7	77.7	77.7	77.7	77.7
[illegible]	66.9	76.2	78.3	80.8	81.7	82.0	82.5	82.6	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0
[illegible]	69.1	79.4	81.4	84.0	84.8	85.4	86.2	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7
[illegible]	70.6	81.3	83.5	86.2	87.0	87.6	88.5	88.6	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	71.5	82.8	85.2	87.9	88.7	89.3	90.2	90.3	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7
[illegible]	72.7	84.1	86.8	89.4	90.3	90.9	91.7	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2
[illegible]	74.8	86.2	89.0	91.9	93.1	93.7	94.5	94.7	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0
[illegible]	75.5	86.9	89.8	92.8	94.1	94.7	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
[illegible]	75.6	87.0	89.9	93.0	94.2	94.8	95.8	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2
[illegible]	75.6	87.0	89.9	93.0	94.3	94.9	95.9	96.0	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4
[illegible]	75.6	87.1	90.2	93.2	94.7	95.4	96.5	96.6	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	75.7	87.3	90.5	93.7	95.3	96.0	97.2	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
[illegible]	75.7	87.3	90.5	93.7	95.3	96.0	97.3	97.5	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	75.7	87.3	90.5	93.7	95.4	96.1	97.7	97.8	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3
[illegible]	75.7	87.3	90.5	93.7	95.4	96.1	97.8	97.9	97.9	98.3	98.4	98.4	98.5	98.5	98.8	98.8
[illegible]	75.7	87.3	90.5	93.7	95.5	96.2	97.9	98.1	98.1	98.4	98.5	98.5	98.8	98.8	99.2	99.4
[illegible]	75.7	87.3	90.5	93.7	95.5	96.2	97.9	98.1	98.1	98.4	98.5	98.5	98.9	99.0	99.5	99.9
[illegible]	75.7	87.3	90.5	93.7	95.5	96.2	97.9	98.1	98.1	98.4	98.5	98.5	98.9	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP, WA 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2 1/2	2	1 1/2	1	3/4	1/2	1/4	0								
0	29.4	34.9	36.6	38.0	38.9	39.1	39.8	40.0	40.0	40.3	40.5	40.5	40.7	40.7	40.9	41.0
100	31.9	37.7	39.5	41.1	42.1	42.4	43.2	43.5	43.5	43.8	44.0	44.0	44.3	44.3	44.5	44.6
200	32.1	38.0	39.7	41.4	42.5	42.7	43.5	43.8	43.8	44.1	44.3	44.3	44.6	44.6	44.8	45.0
300	32.4	38.3	40.1	41.7	42.8	43.0	43.8	44.1	44.1	44.5	44.7	44.7	44.9	45.0	45.1	45.3
400	33.5	39.3	41.1	42.8	43.9	44.1	44.9	45.2	45.2	45.6	45.7	45.7	46.0	46.0	46.2	46.4
500	34.7	40.9	42.8	44.4	45.5	45.8	46.6	46.9	46.9	47.2	47.4	47.4	47.7	47.7	47.9	48.1
600	35.9	42.3	44.3	46.0	47.1	47.4	48.2	48.5	48.5	48.8	49.0	49.0	49.3	49.3	49.5	49.7
700	37.1	43.5	45.5	47.1	48.3	48.5	49.4	49.7	49.7	50.0	50.2	50.2	50.5	50.5	50.7	50.9
800	38.1	44.7	46.7	48.4	49.5	49.8	50.6	50.9	50.9	51.3	51.5	51.5	51.8	51.8	52.0	52.2
900	39.7	46.3	48.3	50.0	51.2	51.4	52.3	52.6	52.6	52.9	53.1	53.1	53.4	53.4	53.6	53.8
1000	41.6	48.4	50.4	52.2	53.3	53.6	54.5	54.7	54.8	55.1	55.3	55.3	55.6	55.6	55.8	56.0
1100	44.6	51.8	54.0	55.8	57.0	57.2	58.1	58.4	58.4	58.8	59.0	59.0	59.2	59.3	59.4	59.7
1200	47.4	55.2	57.5	59.4	60.6	60.9	61.8	62.0	62.1	62.4	62.6	62.6	62.9	62.9	63.1	63.3
1400	49.4	57.6	60.0	61.9	63.1	63.4	64.3	64.6	64.6	64.9	65.1	65.1	65.4	65.4	65.6	65.9
1500	51.9	60.7	63.3	65.3	66.6	66.9	67.8	68.1	68.1	68.5	68.7	68.7	69.0	69.0	69.2	69.4
1600	55.5	65.2	68.0	70.1	71.6	71.9	72.8	73.0	73.1	73.4	73.6	73.6	73.9	73.9	74.1	74.3
1700	57.8	68.3	71.3	73.5	75.0	75.3	76.3	76.6	76.7	77.0	77.2	77.2	77.5	77.6	77.7	78.0
1800	60.0	71.1	74.3	76.8	78.4	78.8	79.9	80.2	80.3	80.7	80.9	80.9	81.2	81.2	81.4	81.6
1900	60.9	72.4	75.7	78.2	79.8	80.2	81.4	81.7	81.7	82.2	82.4	82.4	82.7	82.7	82.9	83.1
2000	62.3	74.1	77.5	80.1	81.8	82.2	83.4	83.7	83.8	84.3	84.5	84.5	84.8	84.8	85.0	85.2
2100	64.1	76.3	79.8	82.6	84.4	84.9	86.2	86.6	86.7	87.2	87.4	87.4	87.7	87.7	87.9	88.1
2200	64.9	77.4	80.9	83.9	85.8	86.4	87.8	88.2	88.3	88.9	89.1	89.1	89.4	89.4	89.6	89.8
2300	65.1	77.5	81.1	84.2	86.1	86.8	88.2	88.6	88.7	89.3	89.5	89.5	89.8	89.8	90.0	90.3
2400	65.2	77.8	81.4	84.5	86.6	87.3	88.8	89.2	89.3	89.9	90.1	90.1	90.4	90.4	90.6	90.9
2500	65.3	78.1	81.7	85.0	87.1	87.8	89.4	89.9	90.0	90.6	90.8	90.8	91.1	91.1	91.3	91.6
2600	65.4	78.3	82.2	85.7	87.8	88.6	90.3	90.8	90.9	91.6	91.8	91.8	92.1	92.2	92.3	92.6
2700	65.5	78.5	82.4	86.0	88.2	89.0	90.8	91.4	91.5	92.4	92.6	92.6	93.0	93.0	93.2	93.4
2800	65.5	78.6	82.6	86.3	88.6	89.4	91.4	92.2	92.3	93.3	93.6	93.6	94.0	94.1	94.3	94.5
2900	65.5	78.6	82.7	86.4	88.9	89.7	91.9	92.7	92.8	94.1	94.5	94.5	95.0	95.1	95.4	95.7
3000	65.5	78.6	82.7	86.4	88.9	89.8	92.2	93.0	93.2	94.7	95.1	95.1	95.9	96.0	96.4	97.7
3100	65.5	78.6	82.7	86.4	89.0	89.8	92.2	93.0	93.2	94.8	95.2	95.3	96.2	96.3	97.4	99.5
ALL	65.5	78.6	82.7	86.4	89.0	89.8	92.2	93.0	93.2	94.8	95.2	95.3	96.2	96.4	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6575

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7930 SEATTLE/TACOMA IAP, WA 73-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	9	8	7	6	5	4	3½	3	2½	2	1½	1	¾	½	¼
NO CEILING	19.7	21.5	22.3	23.7	23.9	24.0	24.3	24.3	24.3	24.6	24.6	24.6	24.6	24.6	25.2	25.4
≥ 20000	21.8	23.5	24.3	25.7	26.0	26.1	26.3	26.3	26.3	26.6	26.6	26.6	26.6	26.6	27.4	27.9
≥ 18000	21.8	23.5	24.3	25.7	26.0	26.1	26.3	26.3	26.3	26.6	26.6	26.6	26.6	26.6	27.4	27.9
≥ 16000	21.8	23.5	24.3	25.7	26.0	26.1	26.3	26.3	26.3	26.6	26.6	26.6	26.6	26.6	27.4	27.9
≥ 14000	22.3	24.6	25.3	26.7	27.0	27.1	27.4	27.4	27.4	27.6	27.6	27.6	27.6	27.6	28.4	28.9
≥ 12000	23.9	25.7	26.5	27.9	28.1	28.2	28.5	28.5	28.5	28.8	28.8	28.8	28.8	28.8	29.5	30.0
≥ 10000	24.9	27.2	28.0	29.4	29.6	29.8	30.0	30.0	30.0	30.3	30.3	30.3	30.3	30.3	31.0	31.6
≥ 9000	26.5	28.9	29.6	31.0	31.3	31.4	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.7	33.2
≥ 8000	27.9	30.3	31.0	32.4	32.7	32.8	33.1	33.1	33.1	33.3	33.3	33.3	33.3	33.3	34.1	34.6
≥ 7000	30.5	33.2	34.0	35.4	35.6	35.8	36.0	36.0	36.0	36.3	36.3	36.3	36.3	36.3	37.0	37.5
≥ 6000	32.2	35.0	35.8	37.3	37.5	37.7	37.9	37.9	37.9	38.2	38.2	38.2	38.2	38.2	38.9	39.4
≥ 5000	34.2	37.2	37.9	39.7	39.9	40.1	40.3	40.3	40.3	40.7	40.7	40.7	40.7	40.7	41.5	42.0
≥ 4500	38.0	41.6	42.5	44.4	44.7	44.8	45.0	45.0	45.0	45.4	45.4	45.4	45.4	45.4	46.2	46.7
≥ 4000	40.7	44.4	45.3	47.2	47.5	47.6	47.8	47.8	47.8	48.2	48.2	48.2	48.2	48.2	49.0	49.5
≥ 3500	43.5	48.2	49.1	51.1	51.4	51.5	51.8	51.8	51.8	52.3	52.3	52.3	52.3	52.3	53.1	53.6
≥ 3000	48.3	54.1	55.3	57.6	58.0	58.1	58.4	58.4	58.4	58.9	58.9	58.9	58.9	58.9	59.7	60.2
≥ 2500	52.8	59.4	61.2	63.7	64.2	64.5	64.8	64.8	64.8	65.3	65.3	65.3	65.3	65.3	66.0	66.5
≥ 2000	56.4	64.1	66.3	69.5	70.1	70.4	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.9	72.4
≥ 1800	57.8	65.8	67.9	71.6	72.3	72.8	73.0	73.0	73.0	73.7	73.7	73.7	73.7	73.7	74.4	74.9
≥ 1600	59.4	69.0	71.2	75.2	76.0	76.5	76.8	76.8	76.8	77.5	77.5	77.5	77.5	77.5	78.2	78.8
≥ 1400	61.7	72.5	74.9	79.3	80.2	80.7	81.0	81.0	81.0	82.2	82.2	82.2	82.2	82.2	83.0	83.5
≥ 1200	63.2	74.6	77.3	81.6	82.4	83.0	83.6	83.6	83.6	85.1	85.1	85.1	85.1	85.1	85.9	86.4
≥ 1000	63.6	75.1	77.5	82.2	83.1	83.6	84.2	84.2	84.2	85.8	85.8	85.8	85.8	85.8	86.5	87.0
≥ 900	63.7	75.3	78.0	83.0	83.8	84.4	85.2	85.2	85.2	86.8	86.8	86.8	86.8	86.8	87.5	88.0
≥ 800	63.9	75.8	78.6	83.6	84.5	85.0	86.1	86.1	86.1	87.7	87.7	87.7	87.7	87.7	88.4	88.9
≥ 700	64.5	76.8	79.8	84.7	85.6	86.1	87.4	87.4	87.4	88.9	88.9	88.9	88.9	88.9	89.7	90.2
≥ 600	64.6	77.1	80.0	85.1	86.3	86.8	88.0	88.0	88.0	89.6	89.6	89.6	89.6	89.6	90.6	91.1
≥ 500	64.6	77.2	80.2	85.6	86.9	87.4	88.8	88.9	88.9	90.5	90.5	90.5	90.7	90.7	91.7	92.2
≥ 400	64.6	77.4	80.3	85.8	87.0	87.5	89.3	89.7	89.7	91.7	91.7	91.7	92.0	92.0	93.0	93.5
≥ 300	64.6	77.4	80.3	85.8	87.2	87.7	89.6	90.1	90.1	92.5	92.5	92.5	93.1	93.1	94.4	95.3
≥ 200	64.6	77.4	80.3	85.8	87.2	87.7	89.6	90.1	90.1	92.5	92.5	92.5	93.4	93.4	95.8	98.7
≥ 100	64.6	77.4	80.3	85.8	87.2	87.7	89.6	90.1	90.1	92.5	92.5	92.5	93.4	93.4	96.2	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]3 SEATTLE/TACOMA IAP, WA 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING (FEET)	≥10	9	8	7	6	5	4	3½	3	2½	2	1½	1	¾	½	¼	0
[illegible]	18.1	20.5	20.8	21.6	22.3	22.3	22.6	22.6	22.6	23.1	23.1	23.1	23.3	23.3	23.9	24.2	
[illegible]	20.3	22.6	22.9	23.8	24.4	24.4	24.8	24.8	24.8	25.4	25.4	25.4	25.5	25.5	26.2	26.5	
[illegible]	20.3	22.6	22.9	23.8	24.4	24.4	24.8	24.8	24.8	25.4	25.4	25.4	25.5	25.5	26.2	26.5	
[illegible]	20.3	22.6	22.9	23.8	24.4	24.4	24.8	24.8	24.8	25.4	25.4	25.4	25.5	25.5	26.2	26.5	
4[illegible]	21.1	23.5	23.8	24.7	25.3	25.3	25.7	25.8	25.8	26.4	26.4	26.4	26.5	26.5	27.2	27.5	
[illegible]	22.6	25.0	25.3	26.2	26.8	26.8	27.2	27.3	27.3	27.9	27.9	27.9	28.1	28.1	28.7	29.1	
[illegible]	23.8	26.8	27.0	27.9	28.6	28.6	28.9	29.1	29.1	29.7	29.7	29.7	29.8	29.8	30.4	30.8	
[illegible]	25.0	28.1	28.3	29.2	29.8	29.8	30.2	30.3	30.3	30.9	30.9	30.9	31.1	31.1	31.7	32.1	
[illegible]	25.7	28.7	28.9	29.8	30.4	30.4	30.8	30.9	30.9	31.6	31.6	31.6	31.8	31.8	32.5	33.0	
[illegible]	27.2	30.2	30.4	31.4	32.1	32.1	32.5	32.6	32.6	33.2	33.2	33.2	33.5	33.5	34.1	34.6	
6[illegible]	29.9	33.1	33.2	34.2	34.8	34.8	35.2	35.3	35.3	36.0	36.0	36.0	36.2	36.2	36.9	37.4	
5[illegible]	34.1	37.1	37.4	38.4	39.0	39.0	39.4	39.5	39.5	40.1	40.1	40.1	40.6	40.6	41.3	41.8	
4500	37.7	41.0	41.4	42.4	43.0	43.0	43.4	43.5	43.5	44.2	44.2	44.2	44.7	44.7	45.3	45.8	
4000	40.6	43.9	44.3	45.3	45.9	45.9	46.3	46.4	46.4	47.0	47.0	47.0	47.5	47.5	48.2	48.7	
[illegible]	43.3	47.8	48.3	49.7	50.3	50.3	50.7	50.8	50.8	51.4	51.4	51.4	51.9	51.9	52.6	53.1	
[illegible]	48.3	54.5	55.1	56.7	57.5	57.5	58.0	58.1	58.1	58.7	58.7	58.7	59.2	59.2	59.9	60.4	
2500	52.1	59.5	60.1	61.9	62.9	62.9	63.4	63.5	63.5	64.3	64.3	64.3	64.8	64.8	65.4	65.9	
2000	55.9	64.7	65.9	67.9	68.9	68.9	69.6	69.7	69.7	70.4	70.4	70.4	70.9	70.9	71.6	72.1	
[illegible]	57.4	66.4	67.9	69.9	70.9	70.9	71.7	71.8	71.8	72.6	72.6	72.6	73.1	73.1	73.7	74.2	
[illegible]	60.3	69.9	71.9	74.1	75.3	75.3	76.1	76.2	76.2	77.0	77.0	77.0	77.5	77.5	78.2	78.7	
[illegible]	61.4	71.7	74.1	76.6	78.0	78.0	79.1	79.2	79.2	80.1	80.1	80.1	80.6	80.6	81.4	81.9	
[illegible]	62.3	72.6	75.3	78.1	79.5	79.5	80.6	80.9	80.9	81.8	81.8	81.8	82.4	82.4	83.1	83.6	
[illegible]	62.6	73.3	76.1	79.0	80.4	80.4	81.5	81.8	81.8	82.6	82.6	82.6	83.3	83.3	84.0	84.5	
800	62.8	73.5	76.4	79.2	80.6	80.6	81.9	82.1	82.1	83.0	83.0	83.0	83.6	83.6	84.4	84.9	
[illegible]	63.0	74.0	76.9	79.7	81.1	81.1	82.5	82.8	82.8	83.6	83.6	83.6	84.3	84.3	85.0	85.5	
600	63.3	74.2	77.1	80.1	81.5	81.5	83.0	83.3	83.3	84.3	84.3	84.3	85.2	85.2	85.9	86.4	
500	63.6	75.0	78.0	81.0	82.8	82.8	84.5	84.8	84.8	86.0	86.0	86.0	86.9	86.9	87.7	88.2	
400	63.6	75.1	78.1	81.1	83.3	83.3	85.3	85.5	85.5	86.8	86.8	86.8	87.8	87.8	88.6	89.1	
300	63.8	75.3	78.5	81.5	83.9	83.9	86.0	86.3	86.3	87.8	87.8	87.8	88.8	88.8	89.6	90.1	
200	63.8	75.3	78.5	81.6	84.2	84.3	86.7	86.9	86.9	89.1	89.4	89.4	90.8	90.8	91.7	92.5	
[illegible]	63.8	75.3	78.5	81.6	84.2	84.3	86.8	87.2	87.2	89.7	90.1	90.1	91.7	91.7	93.5	97.9	
[illegible]	63.8	75.3	78.5	81.6	84.2	84.3	86.8	87.2	87.2	89.7	90.1	90.1	91.7	91.7	94.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7-3 | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (YEARS) | NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0		
≥ 22000	17.1	19.2	19.6	20.3	20.3	20.5	20.9	21.0	21.0	21.0	21.1	21.1	22.0	22.0	22.8	23.8
> 22000	19.1	21.5	21.9	22.6	22.6	22.9	23.3	23.4	23.4	23.4	23.5	23.5	24.4	24.4	25.2	26.3
≥ 12000	19.4	21.8	22.1	22.9	22.9	23.1	23.5	23.6	23.6	23.6	23.8	23.8	24.7	24.7	25.4	26.5
> 6500	19.9	22.3	22.6	23.4	23.4	23.6	24.0	24.2	24.2	24.2	24.3	24.3	25.2	25.2	25.9	27.0
≥ 4500	21.3	23.8	24.3	25.0	25.0	25.3	25.7	25.8	25.8	25.8	25.9	25.9	26.8	26.8	27.5	28.7
≥ 3500	22.4	24.9	25.4	26.2	26.2	26.4	26.8	26.9	26.9	26.9	27.0	27.0	27.9	27.9	28.7	29.8
≥ 10000	23.4	25.9	26.4	27.2	27.2	27.4	27.8	27.9	27.9	27.9	28.1	28.1	28.9	28.9	29.7	30.8
≥ 9000	24.3	26.8	27.3	28.1	28.1	28.3	28.7	28.8	28.8	28.8	28.9	28.9	29.8	29.8	30.6	31.7
> 8000	26.2	28.8	29.3	30.2	30.2	30.4	30.8	30.9	30.9	30.9	31.1	31.1	31.9	31.9	32.8	34.0
≥ 7000	27.4	30.1	30.6	31.6	31.6	31.8	32.2	32.3	32.3	32.3	32.5	32.5	33.3	33.3	34.2	35.3
≥ 6000	29.2	31.9	32.5	33.5	33.7	34.0	34.3	34.5	34.5	34.5	34.6	34.6	35.5	35.5	36.4	37.5
≥ 5000	33.6	36.6	37.2	38.4	38.6	38.9	39.4	39.5	39.5	39.5	39.6	39.6	40.5	40.5	41.4	42.5
≥ 4500	36.5	39.5	40.1	41.3	41.5	41.8	42.3	42.4	42.4	42.4	42.5	42.5	43.4	43.4	44.3	45.4
≥ 4000	39.1	42.1	42.8	43.9	44.2	44.4	44.9	45.0	45.0	45.0	45.2	45.2	46.0	46.0	46.9	48.1
≥ 3500	42.8	46.8	47.7	48.9	49.3	49.6	50.1	50.2	50.2	50.2	50.3	50.3	51.2	51.2	52.1	53.2
≥ 3000	47.3	52.8	53.7	55.2	55.7	56.0	56.6	56.7	56.7	56.7	56.9	56.9	57.7	57.7	58.6	59.7
≥ 2500	51.3	58.5	59.4	60.9	61.5	61.8	62.8	62.9	62.9	63.0	63.1	63.1	64.0	64.0	64.9	66.0
≥ 2000	55.6	63.9	65.2	66.9	67.8	68.1	69.1	69.3	69.3	69.4	69.6	69.6	70.4	70.4	71.3	72.5
≥ 1800	56.9	65.3	66.7	68.8	69.8	70.1	71.1	71.3	71.3	71.4	71.6	71.6	72.5	72.5	73.3	74.5
≥ 1500	58.4	67.4	69.3	71.7	72.8	73.1	74.2	74.5	74.5	74.6	74.7	74.7	75.6	75.6	76.5	77.6
≥ 1200	60.1	70.2	72.3	75.0	76.1	76.5	77.9	78.1	78.1	78.2	78.4	78.4	79.2	79.2	80.1	81.3
≥ 1000	60.8	71.1	73.2	75.8	77.0	77.5	79.0	79.4	79.4	79.5	79.6	79.6	80.5	80.5	81.4	82.5
≥ 900	60.8	71.4	73.6	76.4	77.5	78.0	79.7	80.3	80.3	80.4	80.5	80.5	81.4	81.4	82.3	83.4
≥ 800	60.9	72.1	74.5	77.4	78.5	79.0	80.9	81.4	81.4	81.8	81.9	81.9	82.8	82.8	83.6	84.8
≥ 700	61.1	72.6	75.2	78.1	79.2	79.7	81.6	82.1	82.1	82.8	82.9	82.9	83.8	83.8	84.7	85.8
≥ 600	61.1	73.0	75.6	78.6	79.9	80.4	82.3	82.8	82.8	83.4	83.5	83.5	84.5	84.5	85.4	86.5
≥ 500	61.4	73.3	76.0	79.0	80.4	80.9	82.9	83.4	83.4	84.0	84.2	84.2	85.2	85.2	86.0	87.2
≥ 450	61.4	73.6	76.2	79.2	80.8	81.3	83.4	84.2	84.2	84.9	85.4	85.4	86.4	86.4	87.3	88.4
≥ 400	61.4	73.6	76.2	79.4	81.0	81.5	84.0	84.9	84.9	85.7	86.2	86.2	87.5	87.5	88.4	89.6
≥ 300	61.4	73.6	76.4	79.5	81.1	81.8	84.5	85.4	85.4	86.9	87.9	87.9	89.8	89.9	91.1	93.0
≥ 200	61.5	73.7	76.5	79.6	81.3	81.9	84.7	85.5	85.5	87.3	88.3	88.3	90.6	90.7	93.1	98.0
≥ 0	61.5	73.7	76.5	79.6	81.3	81.9	84.7	85.5	85.5	87.3	88.3	88.3	90.6	90.7	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 795

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7937 SEATTLE/TACOMA IAP,WA 73-81 NOV
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	21.4	22.8	23.2	23.6	23.9	24.1	24.2	24.3	24.4	24.9	24.9	24.9	25.1	25.1	25.1	25.9
≥ 20000	24.6	26.2	26.6	27.1	27.7	27.8	28.0	28.2	28.3	28.8	28.8	28.8	29.1	29.1	29.1	30.2
≥ 18000	24.9	26.6	27.1	27.6	28.2	28.3	28.5	28.7	28.8	29.3	29.3	29.3	29.6	29.6	29.6	30.7
≥ 16000	25.7	27.3	27.8	28.3	29.0	29.1	29.2	29.5	29.6	30.1	30.1	30.1	30.4	30.4	30.4	31.5
≥ 14000	27.6	29.2	30.0	30.5	31.1	31.2	31.4	31.6	31.7	32.2	32.2	32.2	32.5	32.5	32.5	33.6
≥ 12000	29.3	31.0	31.9	32.4	33.0	33.1	33.2	33.5	33.6	34.1	34.1	34.1	34.4	34.4	34.4	35.5
≥ 11000	30.9	32.5	33.4	33.9	34.6	34.8	34.9	35.1	35.3	35.8	35.8	35.8	36.0	36.0	36.0	37.2
≥ 9000	31.7	33.5	34.4	34.9	35.6	35.8	35.9	36.1	36.3	36.8	36.8	36.8	37.0	37.0	37.0	38.2
≥ 8000	32.1	33.9	34.8	35.3	36.0	36.1	36.3	36.5	36.6	37.2	37.2	37.2	37.4	37.4	37.4	38.5
≥ 7000	33.2	35.0	35.9	36.4	37.2	37.3	37.4	37.7	37.8	38.3	38.3	38.3	38.5	38.5	38.5	39.7
≥ 6000	34.9	36.8	37.7	38.2	38.9	39.0	39.2	39.4	39.5	40.1	40.1	40.1	40.3	40.3	40.3	41.4
≥ 5000	39.0	41.4	42.3	42.8	43.6	43.7	43.8	44.1	44.2	44.7	44.7	44.7	45.0	45.0	45.0	46.1
≥ 4500	40.9	43.6	44.7	45.2	46.2	46.6	46.7	47.0	47.1	47.7	47.7	47.7	48.0	48.0	48.0	49.1
≥ 4000	43.7	46.5	47.6	48.1	49.1	49.5	49.6	49.9	50.0	50.6	50.6	50.6	50.9	50.9	50.9	52.0
≥ 3500	47.9	51.8	52.9	53.7	54.8	55.2	55.3	55.5	55.7	56.3	56.3	56.3	56.5	56.5	56.5	57.7
≥ 3000	52.5	58.2	59.3	60.3	61.7	62.1	62.3	62.6	62.7	63.6	63.6	63.6	63.9	63.9	63.9	65.0
≥ 2500	56.7	63.1	64.4	65.4	66.9	67.3	67.5	67.9	68.0	68.9	68.9	68.9	69.1	69.1	69.1	70.3
≥ 2000	59.8	67.6	69.1	70.2	71.8	72.2	72.5	72.9	73.0	73.9	73.9	73.9	74.2	74.2	74.2	75.3
≥ 1800	61.1	69.1	70.8	71.8	73.4	73.8	74.3	74.8	74.9	75.8	75.8	75.8	76.1	76.1	76.1	77.2
≥ 1500	63.0	71.7	73.3	74.3	76.6	77.0	77.5	78.0	78.1	79.0	79.0	79.0	79.2	79.2	79.2	80.4
≥ 1200	64.0	73.7	75.7	76.7	79.0	79.5	80.4	80.9	81.0	82.0	82.0	82.0	82.2	82.2	82.2	83.4
≥ 1000	64.7	74.6	76.8	78.1	80.4	80.9	81.9	82.4	82.5	83.6	83.6	83.6	83.9	83.9	83.9	85.0
≥ 900	65.0	75.2	77.5	78.8	81.1	81.6	82.7	83.2	83.4	84.5	84.5	84.5	84.8	84.8	84.8	85.9
≥ 800	65.0	75.4	77.7	79.2	81.6	82.1	83.4	84.0	84.1	85.3	85.3	85.3	85.5	85.5	85.5	86.6
≥ 700	65.0	76.1	78.3	79.8	82.2	82.7	84.0	84.6	84.8	85.9	85.9	85.9	86.1	86.1	86.1	87.3
≥ 600	65.0	76.6	79.0	80.5	83.0	83.5	84.9	85.5	85.6	86.8	86.8	86.8	87.0	87.0	87.0	88.2
≥ 500	65.0	76.6	79.0	80.5	83.0	83.5	85.1	85.9	86.0	87.4	87.4	87.4	87.7	87.7	87.7	88.8
≥ 400	65.0	76.7	79.1	80.6	83.2	84.3	86.4	87.3	87.4	89.0	89.0	89.0	89.3	89.3	89.3	90.4
≥ 300	65.0	76.7	79.1	80.6	83.2	84.3	86.8	87.9	88.0	90.2	90.3	90.4	90.7	90.7	90.9	92.7
≥ 200	65.0	76.7	79.1	80.6	83.2	84.3	87.2	88.4	88.5	90.7	91.2	91.3	91.9	91.9	92.9	96.1
≥ 100	65.0	76.7	79.1	80.6	83.2	84.3	87.2	88.4	88.5	90.7	91.3	91.4	92.1	92.1	94.0	99.5
≥ 0	65.0	76.7	79.1	80.6	83.2	84.3	87.2	88.4	88.5	90.7	91.3	91.4	92.1	92.1	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 794

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 SEATTLE/TACOMA IAP,WA 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥15/16	≥¾	≥0
NO CEILING	21.9	23.6	24.2	24.7	25.1	25.4	25.6	25.9	25.9	26.2	26.2	26.2	26.7	26.7	26.7	26.7
≥ 20000	26.1	28.1	29.0	29.7	30.1	30.7	30.9	31.2	31.2	31.5	31.5	31.5	32.0	32.0	32.0	32.0
≥ 18000	26.6	28.6	29.5	30.2	30.6	31.2	31.4	31.7	31.7	32.0	32.0	32.0	32.5	32.5	32.5	32.5
≥ 16000	27.6	29.6	30.5	31.2	31.6	32.2	32.4	32.7	32.7	33.0	33.0	33.0	33.5	33.5	33.5	33.5
≥ 14000	29.6	32.1	33.0	33.8	34.1	34.8	34.9	35.3	35.3	35.5	35.5	35.5	36.0	36.0	36.0	36.0
≥ 12000	32.6	35.4	36.6	37.4	37.8	38.4	38.5	38.9	38.9	39.2	39.2	39.2	39.7	39.7	39.7	39.7
≥ 10000	34.6	37.7	38.9	39.7	40.1	40.7	40.8	41.2	41.2	41.4	41.4	41.4	41.9	41.9	41.9	41.9
≥ 9000	35.8	38.9	40.2	40.9	41.3	41.9	42.1	42.4	42.4	42.7	42.7	42.7	43.2	43.2	43.2	43.2
≥ 8000	36.1	39.3	40.7	41.4	41.8	42.4	42.6	42.9	42.9	43.2	43.2	43.2	43.7	43.7	43.7	43.7
≥ 7000	37.5	40.8	42.2	42.9	43.3	44.0	44.1	44.5	44.5	44.7	44.7	44.7	45.2	45.2	45.2	45.2
≥ 6000	38.5	41.8	43.2	44.0	44.3	45.0	45.1	45.5	45.5	45.7	45.7	45.7	46.2	46.2	46.2	46.2
≥ 5000	40.7	44.3	45.8	46.6	47.0	47.6	47.7	48.1	48.1	48.4	48.4	48.4	48.9	48.9	48.9	48.9
≥ 4500	43.2	47.2	48.7	49.7	50.3	50.9	51.0	51.4	51.4	51.6	51.6	51.6	52.1	52.1	52.1	52.1
≥ 4000	46.5	50.6	52.1	53.1	53.7	54.3	54.4	54.8	54.8	55.0	55.0	55.0	55.5	55.5	55.5	55.5
≥ 3500	48.7	53.7	55.4	56.4	56.9	57.6	57.7	58.1	58.1	58.3	58.3	58.3	58.8	58.8	58.8	58.8
≥ 3000	52.3	58.3	60.1	61.2	61.8	62.5	62.7	63.1	63.1	63.5	63.5	63.5	64.0	64.0	64.0	64.0
≥ 2500	57.2	64.2	66.1	67.4	68.1	68.8	69.0	69.4	69.4	69.8	69.8	69.8	70.3	70.3	70.3	70.3
≥ 2000	61.7	70.8	72.9	74.7	75.7	76.4	76.7	77.1	77.1	77.5	77.5	77.5	78.0	78.0	78.0	78.0
≥ 1800	63.7	73.4	75.7	77.5	78.5	79.2	79.5	80.0	80.0	80.4	80.4	80.4	80.9	80.9	80.9	80.9
≥ 1500	65.7	76.1	78.3	80.4	81.7	82.5	82.9	83.5	83.5	83.9	83.9	83.9	84.4	84.4	84.4	84.4
≥ 1200	67.3	79.3	82.1	84.3	85.6	86.4	86.9	87.5	87.5	87.9	87.9	87.9	88.4	88.4	88.4	88.4
≥ 1000	67.4	80.4	83.5	85.8	87.3	88.0	88.5	89.2	89.2	89.5	89.5	89.5	90.1	90.1	90.1	90.1
≥ 900	67.5	80.6	83.8	86.0	87.5	88.5	89.2	89.8	89.8	90.3	90.3	90.3	90.8	90.8	90.8	90.8
≥ 800	67.6	81.0	84.3	86.5	88.2	89.2	89.8	90.6	90.6	91.1	91.1	91.1	91.6	91.6	91.6	91.6
≥ 700	67.8	81.2	84.5	86.8	88.5	89.5	90.7	91.6	91.6	92.1	92.1	92.1	92.6	92.6	92.6	92.6
≥ 600	67.8	81.6	85.0	87.4	89.3	90.4	92.1	93.2	93.2	93.8	93.8	93.8	94.3	94.3	94.3	94.3
≥ 500	67.8	81.6	85.0	87.4	89.3	90.4	92.3	94.0	94.0	94.6	94.8	94.8	95.3	95.3	95.3	95.3
≥ 400	67.9	81.7	85.1	87.5	89.4	90.6	92.4	94.5	94.5	95.6	95.8	95.8	96.5	96.5	96.7	96.7
≥ 300	67.9	81.7	85.3	87.7	89.7	90.8	92.7	94.8	95.1	96.6	97.1	97.1	97.7	97.7	98.0	98.0
≥ 200	67.9	81.7	85.3	87.7	89.7	90.8	92.7	94.8	95.1	97.0	97.5	97.5	98.6	98.6	99.1	99.5
≥ 100	67.9	81.7	85.3	87.7	89.7	90.8	92.7	94.8	95.1	97.0	97.5	97.5	98.6	98.6	99.1	99.9
≥ 0	67.9	81.7	85.3	87.7	89.7	90.8	92.7	94.8	95.1	97.0	97.5	97.5	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 793 SEATTLE/TACOMA IAP, WA 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
≥ [illegible]	22.1	24.4	25.1	26.6	27.2	27.3	27.7	27.9	27.9	27.9	28.1	28.1	26.1	28.1	28.1	28.1
≥ 2000	24.8	27.4	28.2	29.7	30.3	30.5	30.8	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2
≥ 1800	25.1	27.7	28.4	29.9	30.6	30.7	31.1	31.3	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5
≥ [illegible]	25.9	28.6	29.3	30.8	31.5	31.6	32.0	32.2	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3
≥ 1400	28.6	31.3	32.1	33.6	34.3	34.5	35.0	35.2	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5
≥ 1200	32.3	35.3	36.1	37.6	38.3	38.5	39.0	39.2	39.2	39.3	39.5	39.5	39.5	39.5	39.5	39.5
≥ 1000	34.2	37.6	38.5	40.0	40.7	40.9	41.4	41.6	41.6	41.7	41.9	41.9	41.9	41.9	41.9	41.9
≥ 900	35.2	38.7	39.6	41.1	41.9	42.0	42.5	42.7	42.7	42.9	43.0	43.0	43.0	43.0	43.0	43.0
≥ 800	36.1	39.6	40.6	42.1	42.9	43.0	43.5	43.7	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0
≥ 700	37.7	41.7	42.7	44.2	45.0	45.1	45.6	45.9	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1
≥ 600	39.3	43.4	44.4	45.9	46.6	46.7	47.2	47.5	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7
≥ 500	42.4	46.5	47.5	49.0	49.7	49.9	50.4	50.6	50.6	50.8	50.9	50.9	50.9	50.9	50.9	50.9
≥ 450	46.1	50.1	51.3	52.9	53.6	53.8	54.3	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
≥ 400	48.9	53.6	54.9	56.6	57.4	57.5	58.0	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
≥ 350	54.1	60.2	61.5	63.3	64.0	64.2	64.7	64.9	64.9	65.0	65.2	65.2	65.2	65.2	65.2	65.2
≥ 300	58.0	64.8	66.2	68.3	69.2	69.3	69.9	70.2	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 250	62.2	70.6	72.1	74.3	75.2	75.3	75.9	76.2	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 200	66.3	75.7	77.7	80.5	81.3	81.6	82.2	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 180	66.8	76.6	78.8	81.7	82.7	83.0	83.6	83.8	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1
≥ 150	68.8	79.1	81.3	84.2	85.6	85.8	86.5	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 100	70.2	81.7	84.1	87.1	88.5	88.8	89.5	89.7	89.7	90.0	90.1	90.1	90.1	90.1	90.1	90.1
≥ 90	70.4	82.7	85.5	88.5	89.8	90.6	91.4	91.6	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 80	70.6	83.0	85.7	88.7	90.1	90.9	91.6	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 70	70.6	83.1	86.0	89.1	90.6	91.4	92.1	93.0	93.0	93.4	93.5	93.5	93.5	93.5	93.5	93.5
≥ 60	70.9	83.5	86.3	89.7	91.2	92.0	92.7	93.6	93.6	94.0	94.1	94.1	94.1	94.1	94.1	94.1
≥ 50	71.1	83.6	86.6	90.2	91.7	92.5	93.2	94.1	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7
≥ 40	71.1	83.6	86.6	90.2	91.9	92.6	93.4	94.4	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 30	71.2	83.7	87.0	90.9	92.5	93.7	94.5	95.6	95.6	96.5	96.6	96.6	96.6	96.6	96.6	96.6
≥ 20	71.2	83.7	87.0	90.9	92.6	93.9	94.7	96.1	96.1	97.6	98.1	98.1	98.4	98.4	98.4	98.4
≥ 10	71.2	83.7	87.0	90.9	92.6	93.9	94.9	96.2	96.2	97.9	98.5	98.6	99.1	99.1	99.2	99.2
≥ 0	71.2	83.7	87.0	90.9	92.6	93.9	94.9	96.2	96.2	97.9	98.5	98.6	99.1	99.1	99.4	99.7
[illegible]	71.2	83.7	87.0	90.9	92.6	93.9	94.9	96.2	96.2	97.9	98.5	98.6	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥⅝	≥½	≥¼	0
NO CEILING	23.5	25.8	26.4	27.3	27.4	27.5	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5
≥ 20000	25.4	27.8	28.4	29.3	29.4	29.5	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5
≥ 18000	25.5	27.9	28.5	29.4	29.5	29.6	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.6
≥ 16000	25.7	28.0	28.6	29.5	29.6	29.8	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.8
≥ 14000	26.5	28.9	29.5	30.4	30.5	30.6	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6
≥ 12000	28.6	31.3	32.0	32.9	33.0	33.1	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.1
≥ 10000	30.4	33.0	33.7	34.6	34.7	34.9	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.9
≥ 9000	31.5	34.1	34.9	35.7	35.9	36.0	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0
≥ 8000	33.9	36.7	37.5	38.5	38.6	38.7	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7
≥ 7000	36.4	39.5	40.2	41.2	41.3	41.5	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.6
≥ 6000	38.4	41.7	42.5	43.5	43.6	43.7	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8
≥ 5000	42.5	46.8	47.7	48.8	48.9	49.1	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2
≥ 4500	45.0	50.1	51.2	52.3	52.4	52.6	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
≥ 4000	48.1	53.3	54.4	55.7	55.8	55.9	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0
≥ 3500	50.8	57.3	58.5	60.1	60.4	60.5	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6
≥ 3000	55.9	63.0	64.9	66.6	67.0	67.1	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
≥ 2500	60.5	69.5	71.5	73.7	74.1	74.2	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3
≥ 2000	63.6	73.6	76.6	79.3	79.8	80.0	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.1
≥ 1800	64.4	74.6	77.6	80.4	81.2	81.3	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
≥ 1500	65.6	76.5	79.8	82.8	83.6	83.7	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥ 1200	67.6	79.1	82.8	86.2	86.9	87.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
≥ 1000	69.1	80.9	85.2	89.0	89.9	90.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5
≥ 900	69.2	81.1	85.4	89.3	90.2	90.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 800	69.7	81.9	86.3	90.4	91.3	91.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	93.0
≥ 700	69.7	82.2	86.7	90.8	91.7	92.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.6
≥ 600	69.7	82.2	86.7	91.2	92.2	92.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.4
≥ 500	69.7	82.2	86.8	91.3	92.4	92.9	94.1	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.8
≥ 400	69.7	82.2	86.9	91.5	92.7	93.4	94.9	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.9
≥ 300	69.7	82.2	86.9	91.7	93.0	93.9	95.9	96.5	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.3
≥ 200	69.7	82.2	86.9	91.7	93.0	93.9	96.0	96.6	96.6	97.0	97.8	97.8	98.1	98.1	98.1	98.4
≥ 100	69.7	82.2	86.9	91.7	93.0	93.9	96.0	96.6	96.6	97.0	97.8	97.8	98.1	98.1	98.5	99.3
≥ 0	69.7	82.2	86.9	91.7	93.0	93.9	96.0	96.6	96.6	97.0	97.8	97.8	98.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	22.7	25.8	27.0	27.9	28.7	28.7	28.8	28.9	28.9	28.9	28.9	28.9	29.2	29.2	29.4	29.5
≥ 20000	24.2	27.4	28.7	29.5	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.8	30.8	31.0	31.2
≥ 18000	24.2	27.4	28.7	29.5	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.8	30.8	31.0	31.2
≥ 15000	24.2	27.4	28.7	29.5	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.8	30.8	31.0	31.2
≥ 14000	24.5	27.8	29.0	29.9	30.7	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.2	31.2	31.4	31.5
≥ 12000	26.4	29.9	31.4	32.3	33.0	33.0	33.2	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.8	33.9
≥ 10000	27.9	31.5	33.3	34.2	34.9	34.9	35.0	35.2	35.2	35.2	35.2	35.2	35.4	35.4	35.7	35.8
≥ 9000	28.8	32.4	34.2	35.0	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.3	36.3	36.5	36.7
≥ 8000	31.5	35.3	37.0	37.9	38.7	38.7	38.8	38.9	38.9	38.9	38.9	38.9	39.2	39.2	39.4	39.5
≥ 7000	34.0	37.8	39.5	40.6	41.4	41.4	41.6	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.2	42.3
≥ 6000	35.2	38.9	40.7	41.7	42.6	42.6	42.7	42.8	42.8	42.8	42.8	42.8	43.1	43.1	43.3	43.4
≥ 5000	38.5	43.4	45.4	46.4	47.3	47.3	47.7	47.8	47.8	47.8	47.8	47.8	48.1	48.1	48.3	48.4
≥ 4500	42.3	47.7	49.7	50.7	51.6	51.6	51.9	52.1	52.1	52.1	52.1	52.1	52.3	52.3	52.6	52.7
≥ 4000	44.8	50.6	52.8	54.1	54.9	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.7	55.7	55.9	56.1
≥ 3500	46.8	53.4	55.8	57.2	58.2	58.2	58.6	58.7	58.7	58.7	58.7	58.7	58.9	58.9	59.2	59.3
≥ 3000	50.9	58.9	61.6	63.2	64.5	64.5	65.0	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.6	65.7
≥ 2500	54.3	63.7	66.3	68.6	70.0	70.0	70.5	70.6	70.6	70.6	70.6	70.6	70.8	70.8	71.1	71.2
≥ 2000	58.4	69.0	72.1	74.8	76.2	76.2	76.7	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.3	77.5
≥ 1800	59.2	70.2	73.6	76.8	78.2	78.2	78.7	78.8	78.8	78.8	78.8	78.9	79.1	79.1	79.3	79.5
≥ 1500	61.3	72.8	76.6	80.1	81.5	81.5	82.1	82.2	82.2	82.2	82.2	82.2	82.5	82.5	82.7	82.9
≥ 1200	63.5	75.7	79.7	83.7	85.1	85.1	85.9	86.0	86.0	86.1	86.1	86.1	86.4	86.4	86.6	86.7
≥ 1000	64.6	77.3	81.6	85.7	87.1	87.1	87.9	88.0	88.0	88.4	88.4	88.4	88.6	88.6	88.9	89.0
≥ 900	65.0	77.8	82.4	86.6	88.1	88.1	88.9	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.9	90.0
≥ 800	65.3	78.5	83.0	87.5	89.0	89.0	89.9	90.1	90.1	90.6	90.6	90.6	90.9	90.9	91.1	91.2
≥ 700	65.6	78.8	83.5	88.0	89.5	89.5	90.5	90.7	90.7	91.4	91.4	91.4	91.6	91.6	91.9	92.0
≥ 600	66.0	79.3	84.0	88.6	90.1	90.1	91.1	91.4	91.4	92.0	92.0	92.0	92.2	92.2	92.5	92.6
≥ 500	66.0	79.5	84.2	89.0	90.5	90.5	91.6	91.9	91.9	92.5	92.5	92.5	92.7	92.7	93.0	93.1
≥ 400	66.1	79.6	84.5	89.2	90.7	90.9	92.2	92.5	92.5	93.2	93.2	93.2	93.5	93.5	93.7	93.9
≥ 300	66.1	79.6	84.5	89.4	91.0	91.1	93.0	93.6	93.6	94.4	94.4	94.4	94.6	94.6	94.9	95.2
≥ 200	66.1	79.6	84.5	89.5	91.1	91.2	93.4	94.1	94.1	95.5	95.6	95.6	96.2	96.2	96.5	96.9
≥ 100	66.1	79.6	84.5	89.5	91.1	91.2	93.4	94.1	94.1	95.7	96.1	96.1	96.7	97.0	98.4	99.2
≥ 0	66.1	79.6	84.5	89.5	91.1	91.2	93.4	94.1	94.1	95.7	96.1	96.1	96.7	97.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 799

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7:793: (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURLY OBS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	20.3	23.0	23.6	24.5	24.8	25.0	25.3	25.4	25.5	25.6	25.7	25.7	25.9	25.9	26.2	26.5
≥ 20000	23.3	25.6	26.2	27.2	27.6	27.8	28.1	28.3	28.3	28.5	28.5	28.5	28.8	28.8	29.1	29.5
≥ 18000	23.5	25.8	26.4	27.4	27.8	28.0	28.3	28.5	28.5	28.7	28.7	28.7	29.0	29.0	29.3	29.7
≥ 16000	23.9	26.2	26.9	27.8	28.2	28.4	28.7	28.9	28.9	29.1	29.1	29.1	29.4	29.4	29.7	30.1
≥ 14000	25.3	27.7	28.4	29.3	29.8	29.9	30.3	30.4	30.5	30.7	30.7	30.7	31.0	31.0	31.3	31.7
≥ 12000	27.3	29.8	30.7	31.6	32.0	32.2	32.5	32.7	32.7	33.0	33.0	33.0	33.2	33.2	33.5	34.0
≥ 10000	28.8	31.5	32.4	33.4	33.8	34.0	34.3	34.5	34.5	34.7	34.8	34.8	35.0	35.0	35.3	35.7
≥ 9000	29.9	32.7	33.6	34.5	35.0	35.1	35.5	35.6	35.7	35.9	35.9	35.9	36.2	36.2	36.5	36.9
≥ 8000	31.2	34.1	35.0	36.0	36.4	36.6	36.9	37.1	37.1	37.3	37.4	37.4	37.6	37.6	37.9	38.4
≥ 7000	33.1	36.0	37.0	38.0	38.5	38.6	39.0	39.1	39.2	39.4	39.4	39.4	39.7	39.7	40.0	40.4
≥ 6000	34.7	37.8	38.7	39.8	40.3	40.4	40.8	41.0	41.0	41.2	41.2	41.2	41.5	41.5	41.8	42.3
≥ 5000	38.1	41.7	42.7	43.8	44.3	44.5	44.8	45.0	45.0	45.3	45.3	45.3	45.6	45.6	45.9	46.4
≥ 4500	41.2	45.1	46.2	47.4	47.9	48.1	48.5	48.7	48.7	49.0	49.0	49.0	49.3	49.3	49.6	50.0
≥ 4000	44.0	48.1	49.3	50.5	51.1	51.3	51.7	51.8	51.9	52.1	52.1	52.1	52.4	52.4	52.7	53.2
≥ 3500	47.3	52.4	53.7	55.1	55.7	55.9	56.3	56.5	56.5	56.7	56.8	56.8	57.1	57.1	57.4	57.8
≥ 3000	51.7	58.1	59.5	61.2	61.9	62.1	62.6	62.8	62.8	63.1	63.2	63.2	63.5	63.5	63.8	64.2
≥ 2500	55.9	63.6	65.1	67.0	67.9	68.1	68.6	68.8	68.8	69.2	69.2	69.2	69.5	69.5	69.8	70.3
≥ 2000	59.7	68.7	70.7	73.0	74.0	74.2	74.8	75.0	75.0	75.4	75.4	75.4	75.7	75.7	76.0	76.4
≥ 1800	60.9	70.2	72.4	74.8	75.9	76.2	76.8	77.0	77.0	77.4	77.4	77.4	77.7	77.7	78.0	78.5
≥ 1500	62.8	72.8	75.3	77.9	79.1	79.4	80.1	80.3	80.4	80.7	80.8	80.8	81.1	81.1	81.4	81.8
≥ 1200	64.5	75.5	78.2	81.1	82.4	82.8	83.6	83.9	83.9	84.4	84.4	84.4	84.7	84.7	85.0	85.5
≥ 1000	65.3	76.8	79.8	82.8	84.2	84.6	85.5	85.8	85.8	86.4	86.4	86.4	86.8	86.8	87.1	87.5
≥ 900	65.5	77.2	80.2	83.4	84.8	85.2	86.2	86.5	86.5	87.1	87.2	87.2	87.5	87.5	87.8	88.2
≥ 800	65.7	77.6	80.8	84.1	85.5	85.9	87.0	87.4	87.4	88.1	88.1	88.1	88.5	88.5	88.8	89.2
≥ 700	65.9	78.0	81.3	84.6	86.0	86.5	87.7	88.1	88.1	88.8	88.9	88.9	89.2	89.2	89.5	90.0
≥ 600	66.1	78.4	81.7	85.2	86.7	87.2	88.5	89.0	89.0	89.7	89.8	89.8	90.1	90.1	90.5	90.9
≥ 500	66.2	78.6	82.0	85.4	87.1	87.6	89.0	89.6	89.6	90.4	90.5	90.5	90.9	90.9	91.2	91.7
≥ 400	66.2	78.7	82.1	85.7	87.4	88.1	89.8	90.5	90.5	91.5	91.6	91.6	92.1	92.1	92.5	92.9
≥ 300	66.2	78.8	82.2	85.9	87.7	88.4	90.3	91.2	91.3	92.6	92.8	92.9	93.4	93.4	93.8	94.3
≥ 200	66.2	78.8	82.2	85.9	87.8	88.5	90.6	91.6	91.6	93.3	93.8	93.8	94.7	94.8	95.4	96.4
≥ 100	66.2	78.8	82.3	85.9	87.8	88.5	90.7	91.6	91.7	93.5	94.0	94.0	95.1	95.1	96.5	99.0
≥ 0	66.2	78.8	82.3	85.9	87.8	88.5	90.7	91.6	91.7	93.5	94.0	94.0	95.1	95.1	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 6364

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]930 SEATTLE/TACOMA IAP,WA 73-81 DEC
STATION NUMBER STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	½	¼	0
NO CEILING	18.9	21.2	21.5	21.7	21.8	21.8	21.8	21.8	21.8	22.0	22.0	22.0	22.2	22.2	22.6	23.2
≥ 20000	21.4	23.7	23.9	24.2	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.6	24.6	25.1	25.7
≥ 18000	21.5	23.8	24.0	24.3	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.8	24.8	25.2	25.8
≥ 16000	21.5	23.9	24.2	24.4	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.9	24.9	25.4	26.0
≥ 14000	21.7	24.2	24.4	24.6	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	25.1	25.1	25.6	26.2
≥ 12000	22.5	25.1	25.4	25.6	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	26.1	26.1	26.6	27.2
≥ 10000	24.8	27.8	28.0	28.4	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.9	28.9	29.4	30.0
≥ 9000	25.1	28.2	28.4	28.8	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.2	29.2	29.7	30.3
≥ 8000	26.6	29.9	30.1	30.5	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.9	30.9	31.4	32.0
≥ 7000	27.9	31.8	32.0	32.4	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.9	32.9	33.4	34.0
≥ 6000	29.6	33.5	33.7	34.1	34.3	34.3	34.5	34.5	34.5	34.7	34.7	34.7	35.0	35.0	35.4	36.0
≥ 5000	32.0	36.2	36.4	36.8	37.0	37.0	37.1	37.1	37.1	37.4	37.4	37.4	37.6	37.6	38.1	38.7
≥ 4500	34.1	38.8	39.1	39.6	39.8	39.8	39.9	39.9	39.9	40.2	40.2	40.2	40.4	40.4	40.9	41.5
≥ 4000	35.8	40.5	40.8	41.3	41.5	41.5	41.6	41.6	41.6	41.9	41.9	41.9	42.1	42.1	42.6	43.2
≥ 3500	39.6	45.3	45.9	46.5	46.7	46.7	46.8	46.8	46.8	47.1	47.1	47.1	47.3	47.3	47.8	48.4
≥ 3000	44.1	50.8	51.7	52.4	52.7	52.7	52.8	52.8	52.8	53.0	53.0	53.0	53.3	53.3	53.8	54.4
≥ 2500	47.3	55.9	57.3	58.1	58.4	58.4	58.5	58.5	58.5	58.7	58.7	58.7	59.0	59.0	59.5	60.1
≥ 2000	52.2	62.5	64.8	65.9	66.4	66.4	66.5	66.5	66.5	66.7	66.7	66.7	67.0	67.0	67.5	68.1
≥ 1800	53.3	64.1	66.5	67.7	68.4	68.6	68.7	68.7	68.7	68.9	68.9	68.9	69.2	69.2	69.7	70.3
≥ 1500	56.4	68.4	71.0	72.5	73.8	74.0	74.3	74.4	74.4	74.6	74.6	74.6	74.9	74.9	75.4	76.0
≥ 1200	59.7	72.6	75.8	77.4	79.0	79.2	79.6	79.7	79.7	80.0	80.0	80.0	80.2	80.2	80.7	81.3
≥ 1000	61.7	75.2	78.6	80.8	82.6	83.0	83.5	83.6	83.6	83.9	83.9	83.9	84.1	84.1	84.6	85.2
≥ 900	62.1	75.7	79.2	81.7	83.5	83.9	84.3	84.5	84.5	84.7	84.7	84.7	85.0	85.0	85.4	86.0
≥ 800	63.3	76.9	80.6	83.1	85.0	85.4	86.0	86.2	86.2	86.4	86.4	86.4	86.7	86.7	87.1	87.7
≥ 700	64.7	78.6	82.4	85.0	86.8	87.3	87.9	88.0	88.0	88.2	88.2	88.2	88.5	88.5	89.0	89.6
≥ 600	65.2	79.5	83.4	86.3	88.6	89.3	90.0	90.2	90.2	90.4	90.4	90.4	90.7	90.7	91.1	91.7
≥ 500	65.3	80.0	83.9	87.0	89.4	90.2	91.0	91.1	91.1	91.4	91.4	91.4	91.6	91.6	92.1	92.7
≥ 400	65.4	80.2	84.3	87.5	90.3	91.0	92.0	92.1	92.1	92.7	92.8	92.8	93.1	93.1	93.6	94.2
≥ 300	65.4	80.4	84.7	88.0	91.1	92.2	93.4	93.6	93.6	94.3	94.5	94.5	94.8	95.0	95.5	96.1
≥ 200	65.4	80.4	84.7	88.0	91.1	92.2	93.6	93.7	93.7	94.5	94.8	94.8	95.5	95.6	96.8	97.6
≥ 100	65.4	80.4	84.7	88.0	91.1	92.2	93.6	93.7	93.7	94.5	94.9	94.9	95.9	96.0	97.7	99.6
≥ 0	65.4	80.4	84.7	88.0	91.1	92.2	93.6	93.7	93.7	94.5	94.9	94.9	95.9	96.0	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 824

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible] SEATTLE/TACOMA IAP,WA 73-81 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥½	≥¼	≥0
NO CEILING	17.4	19.1	19.6	19.7	19.7	19.7	19.9	19.9	19.9	20.2	20.2	20.2	20.3	20.3	20.7	21.1
25000	18.8	20.5	20.9	21.1	21.1	21.1	21.2	21.2	21.2	21.5	21.5	21.5	21.7	21.7	22.0	22.4
20000	18.8	20.5	21.1	21.2	21.2	21.2	21.3	21.3	21.3	21.7	21.7	21.7	21.8	21.8	22.2	22.5
18000	18.8	20.5	21.1	21.2	21.2	21.2	21.3	21.3	21.3	21.7	21.7	21.7	21.8	21.8	22.2	22.5
16000	19.5	21.2	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.4	22.4	22.4	22.5	22.5	22.9	23.2
14000	20.2	21.9	22.5	22.6	22.6	22.6	22.8	22.8	22.8	23.1	23.1	23.1	23.2	23.2	23.6	24.0
12000	21.5	24.0	24.6	24.7	24.8	24.8	24.9	24.9	24.9	25.3	25.3	25.3	25.4	25.4	25.8	26.2
10000	22.8	25.2	25.8	25.9	26.0	26.0	26.2	26.2	26.2	26.5	26.5	26.5	26.6	26.6	27.0	27.4
9000	24.3	26.8	27.4	27.5	27.6	27.6	27.7	27.7	27.7	28.1	28.1	28.1	28.2	28.2	28.6	28.9
8000	26.5	29.1	29.7	29.8	29.9	29.9	30.0	30.0	30.0	30.4	30.4	30.4	30.5	30.5	30.9	31.2
7000	27.8	30.6	31.2	31.4	31.5	31.5	31.6	31.6	31.6	32.1	32.1	32.1	32.2	32.2	32.6	33.1
6000	30.4	33.2	34.0	34.1	34.3	34.3	34.4	34.4	34.4	34.9	34.9	34.9	35.0	35.0	35.4	35.8
5000	31.7	35.2	36.2	36.3	36.4	36.4	36.6	36.6	36.6	37.0	37.0	37.0	37.2	37.2	37.5	38.0
4500	33.9	37.5	38.6	38.7	38.9	38.9	39.1	39.1	39.1	39.6	39.6	39.6	39.7	39.7	40.1	40.6
4000	36.9	40.8	42.0	42.3	42.4	42.4	42.6	42.6	42.6	43.1	43.1	43.1	43.2	43.2	43.6	44.1
3500	41.3	46.5	48.2	48.5	48.7	48.7	48.9	48.9	48.9	49.4	49.4	49.4	49.5	49.5	49.9	50.4
3000	45.0	52.1	54.0	54.4	54.5	54.5	54.8	54.8	54.8	55.3	55.3	55.3	55.6	55.6	55.9	56.4
2500	48.7	58.0	60.4	62.0	62.2	62.5	62.8	62.8	62.8	63.3	63.3	63.3	63.7	63.7	64.0	64.5
2000	50.8	60.4	63.0	64.5	64.8	65.0	65.4	65.4	65.5	66.0	66.0	66.0	66.3	66.3	66.7	67.2
1800	54.8	65.4	67.9	69.7	70.0	70.2	70.7	70.7	70.8	71.3	71.3	71.3	71.7	71.7	72.0	72.5
1500	59.7	70.7	73.5	75.4	75.7	76.0	76.5	76.5	76.6	77.1	77.1	77.1	77.5	77.5	78.0	78.5
1000	62.7	74.8	77.6	79.9	80.3	80.6	81.1	81.1	81.2	81.7	81.7	81.7	82.1	82.1	82.6	83.1
900	63.2	75.5	78.3	80.8	81.1	81.7	82.3	82.3	82.4	82.9	82.9	82.9	83.3	83.3	83.8	84.3
800	64.0	76.5	79.4	82.0	82.6	83.2	83.8	83.8	83.9	84.4	84.4	84.4	84.7	84.7	85.2	85.7
700	64.8	77.6	80.6	83.4	84.0	84.7	85.4	85.5	85.6	86.1	86.1	86.1	86.6	86.6	87.0	87.5
600	65.6	78.7	82.1	85.5	86.1	86.8	87.8	87.9	88.0	88.5	88.5	88.5	89.0	89.0	89.5	90.0
500	65.7	78.9	82.8	86.3	87.2	87.9	88.9	89.0	89.1	89.6	89.6	89.6	90.1	90.1	90.6	91.0
400	65.9	79.2	83.2	86.7	87.8	88.5	89.7	89.8	90.0	90.4	90.4	90.4	90.9	90.9	91.4	91.9
300	66.2	79.7	83.7	87.5	89.1	89.8	91.2	91.3	91.4	92.0	92.0	92.1	92.6	92.6	93.1	93.6
200	66.2	79.7	83.8	87.7	89.2	90.0	91.5	91.8	91.9	93.0	93.2	93.3	93.9	93.9	95.6	96.7
100	66.2	79.7	83.8	87.7	89.2	90.0	91.5	91.8	91.9	93.0	93.3	93.5	94.3	94.3	96.9	99.5
0	66.2	79.7	83.8	87.7	89.2	90.0	91.5	91.8	91.9	93.0	93.3	93.5	94.3	94.3	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

77793 SEATTLE/TACOMA IAP,WA 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ UNL	14.5	16.1	16.6	16.8	16.8	16.8	16.8	16.8	16.8	17.2	17.3	17.3	17.5	17.5	17.6	17.7
≥ 20000	16.1	17.9	18.4	18.7	18.7	18.7	18.7	18.7	18.7	19.0	19.2	19.2	19.3	19.3	19.4	19.7
≥ 18000	16.1	18.1	18.6	18.8	18.8	18.8	18.8	18.8	18.8	19.2	19.3	19.3	19.4	19.4	19.5	19.8
≥ 17000	16.4	18.3	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.4	19.5	19.5	19.7	19.7	19.8	20.0
≥ 16000	17.8	19.8	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.9	21.0	21.0	21.1	21.1	21.2	21.5
≥ 15000	18.6	20.6	21.1	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.9	21.9	22.0	22.0	22.1	22.3
≥ 14000	20.4	23.6	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.7	24.8	24.8	24.9	24.9	25.0	25.3
≥ 13000	22.2	25.2	25.6	25.9	25.9	25.9	25.9	25.9	25.9	26.3	26.4	26.4	26.5	26.5	26.6	26.9
≥ 12000	23.7	26.6	27.1	27.4	27.4	27.4	27.4	27.4	27.4	27.7	27.8	27.8	28.0	28.0	28.1	28.3
≥ 11000	25.0	28.1	28.6	29.1	29.1	29.1	29.1	29.1	29.1	29.4	29.5	29.5	29.7	29.7	29.8	30.0
≥ 10000	26.4	29.7	30.2	30.6	30.6	30.6	30.8	30.8	30.8	31.1	31.3	31.3	31.4	31.4	31.5	31.7
≥ 9000	30.8	34.3	34.8	35.4	35.4	35.4	35.5	35.5	35.5	35.9	36.0	36.0	36.1	36.1	36.3	36.5
≥ 8000	32.0	35.8	36.3	36.9	36.9	36.9	37.0	37.0	37.0	37.4	37.5	37.5	37.6	37.6	37.7	38.0
≥ 7000	35.0	39.6	40.4	41.0	41.0	41.0	41.1	41.1	41.1	41.5	41.6	41.6	41.8	41.8	41.9	42.1
≥ 6000	37.6	42.5	43.6	44.2	44.3	44.3	44.4	44.4	44.4	44.8	44.9	44.9	45.1	45.1	45.2	45.4
≥ 5000	42.5	48.4	49.8	50.4	50.7	50.7	50.8	50.8	50.8	51.2	51.3	51.3	51.5	51.5	51.6	51.9
≥ 4500	45.9	53.8	55.7	56.4	56.8	56.8	57.0	57.0	57.0	57.4	57.5	57.5	57.8	57.8	58.0	58.2
≥ 4000	50.3	59.5	61.7	62.6	63.1	63.1	63.4	63.4	63.4	63.7	63.9	63.9	64.1	64.1	64.3	64.6
≥ 3500	52.4	61.8	64.1	65.2	65.7	65.7	65.9	65.9	65.9	66.3	66.4	66.4	66.7	66.7	66.9	67.2
≥ 3000	56.4	66.8	69.6	70.8	71.7	71.7	71.9	71.9	71.9	72.4	72.5	72.5	72.8	72.8	73.0	73.3
≥ 2500	61.3	73.0	76.2	77.7	78.6	78.6	79.0	79.0	79.0	79.5	79.7	79.7	80.0	80.0	80.2	80.5
≥ 2000	63.9	75.9	79.1	81.0	82.1	82.3	82.8	82.8	82.8	83.4	83.6	83.6	83.9	83.9	84.1	84.4
≥ 1800	65.0	77.0	80.2	82.3	83.4	83.6	84.1	84.1	84.1	84.7	85.0	85.0	85.2	85.2	85.5	85.7
≥ 1600	65.0	77.3	80.6	82.7	83.8	84.0	84.6	84.6	84.6	85.5	85.7	85.7	86.0	86.0	86.2	86.4
≥ 1400	65.9	79.0	82.3	84.6	85.7	86.0	86.6	86.6	86.6	87.4	87.7	87.7	87.9	87.9	88.2	88.4
≥ 1200	66.3	79.9	83.3	86.0	87.2	87.8	88.6	88.6	88.6	89.5	89.7	89.7	90.0	90.0	90.2	90.5
≥ 1000	66.4	80.1	83.5	86.3	87.7	88.5	89.5	89.5	89.5	90.4	90.6	90.6	90.8	90.8	91.1	91.3
≥ 900	66.4	80.5	84.0	86.9	88.3	89.1	90.2	90.2	90.2	91.3	91.6	91.6	91.9	91.9	92.2	92.4
≥ 800	66.4	80.5	84.1	87.3	89.1	90.1	91.8	91.8	91.9	93.4	93.9	93.9	94.3	94.3	94.6	95.0
≥ 700	66.4	80.6	84.2	87.4	89.3	90.2	92.2	92.4	92.4	94.1	94.9	94.9	95.6	95.6	96.6	97.3
≥ 600	66.4	80.6	84.2	87.4	89.3	90.2	92.2	92.4	92.4	94.1	95.0	95.0	95.7	95.7	97.4	99.0
≥ 0	66.4	80.6	84.2	87.4	89.3	90.2	92.2	92.4	92.4	94.1	95.0	95.0	95.7	95.7	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 819

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible] SEATTLE/TACOMA IAP, WA 73-81 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOUR (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	≥¼	≥0
NO CEILING	16.8	17.7	17.7	17.9	18.2	18.2	18.2	18.2	18.2	18.4	18.4	18.4	18.4	18.4	18.5	18.9
≥ 20000	20.5	21.3	21.4	21.7	21.9	21.9	21.9	21.9	22.0	22.4	22.4	22.4	22.4	22.4	22.5	23.0
≥ 18000	20.9	21.7	21.8	22.0	22.3	22.3	22.3	22.3	22.4	22.8	22.8	22.8	22.8	22.8	22.9	23.4
≥ 16000	21.8	22.6	22.8	23.0	23.2	23.2	23.2	23.2	23.4	23.7	23.7	23.7	23.7	23.7	23.8	24.3
≥ 14000	23.6	24.7	24.8	25.1	25.3	25.3	25.3	25.3	25.4	25.8	25.9	25.9	25.9	25.9	26.0	26.5
≥ 12000	24.7	26.0	26.2	26.4	26.6	26.6	26.6	26.8	26.9	27.2	27.4	27.4	27.4	27.4	27.5	28.0
≥ 10000	26.6	28.2	28.3	28.6	28.8	28.8	28.8	28.9	29.1	29.4	29.5	29.5	29.5	29.5	29.7	30.1
≥ 9000	27.7	29.3	29.4	29.7	29.9	29.9	29.9	30.0	30.1	30.5	30.6	30.6	30.6	30.6	30.8	31.2
≥ 8000	29.1	30.8	30.9	31.1	31.4	31.4	31.4	31.5	31.6	32.0	32.1	32.1	32.1	32.1	32.2	32.7
≥ 7000	30.3	32.0	32.1	32.3	32.6	32.6	32.6	32.7	32.8	33.2	33.3	33.3	33.3	33.3	33.4	33.9
≥ 6000	31.6	33.3	33.4	33.7	33.9	33.9	33.9	34.0	34.1	34.5	34.6	34.6	34.6	34.6	34.7	35.2
≥ 5000	34.6	36.6	36.9	37.3	37.5	37.5	37.7	37.8	37.9	38.3	38.4	38.4	38.5	38.5	38.6	39.1
≥ 4500	36.7	38.6	39.2	39.6	39.8	39.8	40.0	40.1	40.2	40.6	40.7	40.7	40.8	40.8	40.9	41.4
≥ 4000	39.1	41.8	42.4	42.7	43.0	43.0	43.1	43.2	43.3	43.7	43.8	43.8	43.9	43.9	44.1	44.6
≥ 3500	42.5	45.4	46.0	46.5	46.7	46.7	46.9	47.0	47.1	47.5	47.6	47.6	47.7	47.7	47.8	48.3
≥ 3000	47.1	51.0	52.1	52.8	53.0	53.0	53.3	53.4	53.5	53.9	54.0	54.0	54.1	54.1	54.2	54.7
≥ 2500	51.2	56.4	57.5	58.5	59.0	59.0	59.3	59.4	59.6	59.9	60.2	60.2	60.3	60.3	60.4	60.9
≥ 2000	56.2	63.1	64.3	65.5	66.2	66.2	66.7	66.8	66.9	67.4	67.7	67.7	67.8	67.8	67.9	68.4
≥ 1800	57.7	64.9	66.3	67.7	68.4	68.5	69.0	69.1	69.2	69.7	70.0	70.0	70.1	70.1	70.2	70.7
≥ 1500	61.7	69.2	71.3	72.6	73.8	74.0	74.6	74.7	74.8	75.3	75.5	75.5	75.7	75.7	75.8	76.3
≥ 1200	66.6	74.3	76.4	77.8	79.4	79.7	80.5	80.8	80.9	81.4	81.6	81.6	81.7	81.7	81.8	82.3
≥ 1000	68.2	76.3	78.5	80.3	82.0	82.2	83.3	83.5	83.8	84.3	84.9	84.9	85.0	85.0	85.1	85.6
≥ 900	69.7	78.0	80.1	82.0	83.7	83.9	85.0	85.2	85.5	86.0	86.6	86.6	86.7	86.7	86.8	87.3
≥ 800	70.1	78.8	81.0	82.8	84.6	84.9	86.1	86.4	86.7	87.4	88.1	88.1	88.3	88.3	88.4	88.9
≥ 700	70.8	79.8	82.0	83.9	85.7	86.0	87.3	87.7	87.9	88.7	89.5	89.5	89.6	89.6	89.7	90.2
≥ 600	71.1	80.0	82.7	85.0	87.0	87.3	88.7	89.3	89.6	90.7	91.4	91.4	91.5	91.5	91.6	92.1
≥ 500	71.1	80.1	82.8	85.1	87.2	87.4	89.1	89.7	90.0	91.2	91.9	91.9	92.0	92.0	92.1	92.6
≥ 400	71.3	80.5	83.2	85.6	87.7	87.9	89.7	90.3	90.6	92.4	93.2	93.2	93.3	93.3	93.5	93.9
≥ 300	71.3	80.5	83.4	85.8	87.9	88.1	90.3	91.2	91.4	93.5	94.6	94.6	94.9	94.9	95.2	96.0
≥ 200	71.4	80.6	83.5	86.0	88.0	88.3	90.6	91.5	91.8	94.2	95.6	95.6	96.0	96.0	96.9	97.9
≥ [illegible]	71.4	80.6	83.5	86.0	88.0	88.3	90.6	91.5	91.8	94.2	95.6	95.6	96.4	96.4	97.2	99.9
≥ [illegible]	71.4	80.6	83.5	86.0	88.0	88.3	90.6	91.5	91.8	94.2	95.6	95.6	96.4	96.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 826

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP,WA | 73-81 | DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
≥ UNLIM	18.3	18.9	18.9	18.9	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.4
≥ 25000	21.2	21.8	21.8	21.8	22.1	22.1	22.1	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.4
≥ 20000	21.4	22.2	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.7	22.7	22.7	22.7	22.7	22.7	22.8
≥ 15000	22.9	23.7	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.3
≥ 12000	24.5	25.2	25.2	25.4	25.6	25.6	25.6	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	26.0
≥ 10000	25.6	26.3	26.3	26.6	26.8	26.8	26.8	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.2
≥ 9000	28.7	29.5	29.5	29.8	30.0	30.0	30.0	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.3	30.4
≥ 8000	29.9	30.8	30.8	31.0	31.3	31.3	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.6
≥ 7000	31.6	32.5	32.6	32.8	33.2	33.2	33.2	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.6
≥ 6000	33.1	33.9	34.1	34.3	34.7	34.7	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.0
≥ 5000	34.7	35.7	35.8	36.0	36.4	36.4	36.5	36.6	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.9
≥ 4500	37.9	39.6	39.7	40.1	40.4	40.4	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.1
≥ 4000	39.3	41.1	41.2	41.5	41.9	41.9	42.2	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.5
≥ 3500	42.2	44.6	44.7	45.1	45.6	45.6	45.8	46.0	46.0	46.1	46.1	46.1	46.3	46.3	46.3	46.4
≥ 3000	46.2	49.5	50.1	50.5	51.0	51.0	51.2	51.3	51.3	51.6	51.6	51.6	51.8	51.8	51.8	52.0
≥ 2500	49.4	53.2	54.4	54.9	55.4	55.4	55.8	55.9	55.9	56.1	56.1	56.1	56.4	56.4	56.4	56.5
≥ 2000	51.6	56.4	57.8	58.7	59.2	59.2	59.7	59.8	59.8	60.0	60.0	60.0	60.3	60.3	60.3	60.4
≥ 1800	56.5	63.4	65.6	66.9	67.6	67.6	68.4	68.5	68.5	68.8	68.8	68.8	69.0	69.0	69.0	69.1
≥ 1500	58.2	65.7	68.1	69.6	70.3	70.3	71.3	71.4	71.4	71.7	71.7	71.7	71.9	71.9	71.9	72.1
≥ 1200	59.9	68.3	71.0	72.8	73.5	73.7	74.9	75.0	75.0	75.2	75.2	75.2	75.5	75.5	75.5	75.6
≥ 1000	64.5	73.4	76.5	78.4	79.3	79.4	81.0	81.1	81.1	81.5	81.5	81.5	81.7	81.7	81.7	81.9
≥ 900	66.7	76.2	79.4	81.6	82.7	83.0	84.6	84.7	84.7	85.0	85.0	85.0	85.3	85.3	85.3	85.4
≥ 800	67.4	77.3	80.5	82.7	84.1	84.3	86.0	86.2	86.2	86.6	86.6	86.6	86.9	86.9	86.9	87.0
≥ 700	67.4	77.6	80.8	83.0	84.3	84.6	86.6	86.9	86.9	88.0	88.0	88.0	88.2	88.2	88.2	88.4
≥ 600	67.4	78.1	81.6	84.1	85.7	85.9	88.2	88.6	88.6	89.8	90.0	90.0	90.2	90.2	90.2	90.3
≥ 500	67.8	78.8	82.7	85.7	87.4	87.7	90.4	90.9	90.9	92.2	92.4	92.4	92.8	92.8	92.8	92.9
≥ 400	67.8	78.8	83.0	86.0	88.0	88.4	91.1	91.5	91.5	92.9	93.1	93.1	93.5	93.5	93.5	93.6
≥ 300	67.8	78.8	83.2	86.3	88.2	88.7	91.8	92.5	92.5	94.1	94.7	94.7	95.1	95.1	95.1	95.2
≥ 200	67.8	78.9	83.3	86.5	88.6	89.1	92.5	93.4	93.4	95.5	96.4	96.4	96.9	96.9	97.1	97.3
≥ 100	67.8	78.9	83.3	86.5	88.7	89.2	92.8	94.0	94.0	96.4	97.4	97.4	98.2	98.2	98.3	99.3
≥ 0	67.8	78.9	83.3	86.5	88.7	89.2	92.8	94.0	94.0	96.4	97.4	97.4	98.2	98.2	98.3	100.0
= 0	67.8	78.9	83.3	86.5	88.7	89.2	92.8	94.0	94.0	96.4	97.4	97.4	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 816

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1793 | SEATTLE/TACOMA IAP, WA | 73-81 | DEC
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	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥⅛	0			
NO CEILING	19.6	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.4	20.4	20.5	20.5	20.5	20.7
≥ 20000	22.2	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.4	23.7
≥ 18000	22.2	22.9	22.9	22.9	22.9	22.9	22.9	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.4	23.7
≥ 16000	23.3	24.2	24.2	24.2	24.2	24.2	24.2	24.3	24.3	24.4	24.4	24.4	24.5	24.5	24.7	24.9
≥ 14000	24.1	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.2	25.2	25.2	25.3	25.3	25.5	25.8
≥ 12000	25.0	25.9	25.9	26.0	26.1	26.1	26.3	26.4	26.4	26.5	26.5	26.5	26.6	26.6	26.9	27.1
≥ 10000	27.9	28.7	28.7	28.8	29.0	29.0	29.1	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.7	29.9
≥ 9000	28.8	29.7	29.7	29.8	29.9	29.9	30.1	30.2	30.2	30.3	30.3	30.3	30.4	30.4	30.7	30.9
≥ 8000	30.2	31.0	31.0	31.2	31.3	31.3	31.4	31.5	31.5	31.7	31.7	31.7	31.8	31.8	32.0	32.3
≥ 7000	32.3	33.3	33.3	33.4	33.5	33.5	33.6	33.7	33.7	33.9	33.9	33.9	34.0	34.0	34.2	34.5
≥ 6000	34.6	35.6	35.6	35.7	35.8	35.8	36.0	36.1	36.1	36.2	36.2	36.2	36.3	36.3	36.6	36.8
≥ 5000	37.7	38.8	38.9	39.0	39.4	39.4	39.5	39.6	39.6	39.8	39.8	39.8	39.9	39.9	40.1	40.4
≥ 4500	40.0	41.3	41.5	41.6	42.1	42.1	42.2	42.3	42.3	42.5	42.5	42.5	42.6	42.6	42.8	43.1
≥ 4000	43.2	44.9	45.3	45.5	46.5	46.5	46.6	46.7	46.7	46.9	46.9	46.9	47.0	47.0	47.2	47.5
≥ 3500	46.9	49.2	49.7	50.1	51.0	51.0	51.3	51.5	51.5	51.7	51.7	51.7	51.8	51.8	52.0	52.3
≥ 3000	50.3	53.9	54.6	55.3	56.7	56.7	57.2	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.9	58.2
≥ 2500	55.5	59.5	60.5	62.0	63.9	64.0	64.8	65.0	65.0	65.3	65.3	65.3	65.4	65.4	65.6	65.9
≥ 2000	59.9	65.8	67.0	68.7	71.3	71.4	72.6	73.0	73.0	73.4	73.4	73.4	73.5	73.5	73.7	74.0
≥ 1800	61.0	67.9	69.2	71.3	73.9	74.0	75.5	75.8	75.8	76.2	76.2	76.2	76.3	76.3	76.6	76.8
≥ 1500	63.1	70.7	72.3	74.5	77.3	77.4	79.1	79.6	79.6	80.0	80.0	80.0	80.1	80.1	80.4	80.6
≥ 1200	66.7	75.5	77.5	80.0	83.1	83.2	85.4	86.0	86.0	86.5	86.6	86.6	86.7	86.7	87.0	87.2
≥ 1000	67.9	76.9	79.0	82.1	85.2	85.3	87.5	88.2	88.2	88.8	89.0	89.0	89.1	89.1	89.3	89.6
≥ 900	68.2	77.4	79.9	82.9	86.1	86.3	88.6	89.3	89.3	89.9	90.1	90.1	90.2	90.2	90.4	90.7
≥ 800	68.5	78.2	80.6	83.7	87.0	87.1	89.4	90.2	90.2	90.8	90.9	90.9	91.0	91.0	91.3	91.5
≥ 700	69.1	78.8	81.3	84.7	88.0	88.2	90.6	91.3	91.3	91.9	92.0	92.0	92.1	92.1	92.4	92.6
≥ 600	69.1	79.4	82.2	85.5	88.8	89.1	91.4	92.3	92.3	93.3	93.5	93.5	93.6	93.6	93.9	94.1
≥ 500	69.1	79.5	82.6	85.9	89.2	89.4	91.8	92.8	92.8	93.7	94.0	94.0	94.1	94.1	94.4	94.6
≥ 400	69.1	79.5	82.6	86.4	89.8	90.2	92.9	94.0	94.0	95.6	96.1	96.1	96.2	96.2	96.4	96.7
≥ 300	69.1	79.5	82.6	86.4	89.8	90.2	92.9	94.2	94.2	96.4	96.9	96.9	97.3	97.3	97.7	98.0
≥ 200	69.1	79.5	82.6	86.4	89.8	90.2	92.9	94.4	94.4	96.7	97.3	97.3	98.2	98.2	98.5	99.0
≥ 100	69.1	79.5	82.6	86.4	89.8	90.2	92.9	94.4	94.4	96.7	97.3	97.3	98.2	98.2	98.5	100.0
≥ 0	69.1	79.5	82.6	86.4	89.8	90.2	92.9	94.4	94.4	96.7	97.3	97.3	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 815

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 793 | SEATTLE/TACOMA IAP, WA | 73-81 | DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
≥ 30000	21.7	23.3	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 25000	23.1	24.5	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 20000	23.1	24.7	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 18000	23.2	24.8	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 16000	23.7	25.3	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
≥ 14000	25.3	26.9	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 12000	27.5	29.2	29.4	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
≥ 10000	27.6	29.4	29.6	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 9000	29.8	31.6	31.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 8000	30.0	33.9	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 7000	33.3	35.5	35.8	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 6000	36.6	38.8	39.1	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
≥ 5000	39.2	42.6	43.0	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 4500	41.1	45.4	45.9	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 4000	44.6	49.8	50.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 3500	48.4	54.6	55.4	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 3000	52.6	60.4	61.2	62.1	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 2500	56.9	66.0	67.3	69.1	70.1	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 2000	58.9	69.0	70.6	72.7	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 1800	62.6	73.4	75.2	77.5	78.7	79.0	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1500	64.9	76.9	79.5	82.0	83.5	83.7	84.6	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1200	67.1	79.3	81.9	84.7	86.3	86.5	87.4	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 1000	67.9	80.7	83.2	86.4	88.0	88.3	89.2	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
≥ 900	68.4	81.3	84.0	87.6	89.2	89.6	90.4	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3
≥ 800	69.5	82.4	85.1	88.8	90.4	90.8	91.6	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	70.0	82.9	85.9	89.7	91.3	91.6	92.5	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	70.0	82.9	85.9	89.7	91.3	91.6	92.5	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7
≥ 500	70.1	83.5	86.9	90.9	92.6	93.0	93.9	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3
≥ 400	70.1	83.5	87.0	91.3	93.0	93.4	94.8	95.5	95.5	96.2	96.6	96.6	96.7	96.7	97.0
≥ 300	70.2	83.6	87.1	91.7	93.4	93.9	95.4	96.4	96.4	97.2	97.6	97.6	98.1	98.1	98.3
≥ 200	70.2	83.6	87.1	91.7	93.4	93.9	95.4	96.4	96.4	97.2	97.6	97.6	98.2	98.2	98.3	99.9
≥ 100	70.2	83.6	87.1	91.7	93.4	93.9	95.4	96.4	96.4	97.2	97.6	97.6	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 823

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7 7 9 3 | SEATTLE/TACOMA IAP,WA | 73-81 | DEC

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	9	8	7	6	5	4	3	2½	2	1¾	1½	1¼	1	⅞	½	0
≥ UNLIM	27.7	23.8	24.2	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.7	
≥ 25000	22.7	25.9	26.3	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.8	26.9	
≥ 18000	23.1	26.2	26.5	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.0	27.1	
≥ 14000	23.1	26.3	26.6	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.1	27.3	
≥ 12000	24.1	27.3	27.6	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.1	28.2	
≥ 10000	25.5	28.7	29.1	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.6	29.7	
≥ 9000	27.1	30.7	31.0	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.5	31.6	
≥ 8000	27.6	31.1	31.6	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.2	
≥ 7000	28.7	32.6	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.6	33.7	
≥ 6000	30.2	34.4	34.9	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.5	
≥ 5000	31.3	35.8	36.4	36.6	36.7	36.7	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.2	
≥ 4500	34.4	39.2	39.9	40.1	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.6	40.8	
≥ 4000	38.7	44.9	45.7	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	46.8	
≥ 3500	39.4	46.0	47.2	47.6	47.7	47.7	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.2	48.3	
≥ 3000	42.9	50.9	52.1	52.4	52.8	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4	
≥ 2500	46.1	55.6	56.8	57.2	57.5	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.2	
≥ 2000	49.5	61.1	62.4	62.9	63.7	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.4	64.5	
≥ 1800	53.8	67.3	69.5	70.3	71.3	71.3	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.3	72.4	
≥ 1500	55.4	69.5	71.8	72.9	73.8	73.8	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	
≥ 1200	58.6	73.8	76.4	77.7	78.7	78.7	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0	
≥ 1000	61.1	77.6	80.2	81.9	83.0	83.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.8	
≥ 900	62.7	79.8	82.6	84.5	85.8	85.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.7	
≥ 800	62.9	80.2	83.3	85.5	86.9	87.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.8	
≥ 700	63.5	81.0	84.2	86.5	87.8	88.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.8	
≥ 600	64.1	81.9	85.2	87.7	89.2	89.3	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.1	
≥ 500	64.5	82.8	86.3	88.9	90.4	90.5	91.8	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.3	92.5	
≥ 400	64.5	83.0	86.4	89.1	90.5	90.6	92.0	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.6	92.7	
≥ 300	64.5	83.1	86.7	89.7	91.4	91.5	92.8	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.6	93.7	
≥ 200	64.7	83.3	87.0	90.4	92.3	92.5	93.9	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.9	95.0	
≥ 100	64.8	83.6	87.2	90.6	92.6	92.7	94.6	95.1	95.1	95.6	95.9	95.9	96.8	96.8	97.7	97.8	
≥ 0	64.8	83.6	87.2	90.6	92.6	92.7	94.9	95.4	95.4	95.9	96.1	96.1	97.4	97.4	98.4	100.0	
	64.8	83.6	87.2	90.6	92.6	92.7	94.9	95.4	95.4	95.9	96.1	96.1	97.4	97.4	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 7	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	18.5	20.1	20.3	20.4	20.5	20.5	20.5	20.5	20.5	20.7	20.7	20.7	20.8	20.8	20.9	21.2
≥ 20000	20.7	22.3	22.6	22.7	22.8	22.8	22.8	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.3	23.6
≥ 18000	20.9	22.5	22.8	22.9	23.0	23.0	23.0	23.0	23.1	23.2	23.3	23.3	23.3	23.3	23.5	23.8
≥ 16000	21.4	23.0	23.3	23.4	23.5	23.5	23.5	23.6	23.6	23.8	23.8	23.8	23.9	23.9	24.0	24.3
≥ 14000	22.4	24.1	24.3	24.5	24.6	24.6	24.6	24.6	24.6	24.8	24.9	24.9	24.9	24.9	25.1	25.4
≥ 12000	23.4	25.2	25.4	25.6	25.7	25.7	25.8	25.8	25.8	26.0	26.1	26.1	26.1	26.1	26.3	26.6
≥ 11000	25.6	27.7	28.0	28.2	28.3	28.3	28.4	28.4	28.4	28.6	28.6	28.6	28.7	28.7	28.9	29.2
≥ 10000	26.9	28.6	28.9	29.1	29.2	29.2	29.3	29.3	29.3	29.5	29.5	29.5	29.6	29.6	29.8	30.1
≥ 9000	28.0	30.2	30.5	30.7	30.9	30.9	30.9	31.0	31.0	31.2	31.2	31.2	31.3	31.3	31.4	31.7
≥ 8000	29.6	32.0	32.3	32.6	32.7	32.7	32.8	32.8	32.8	33.0	33.1	33.1	33.1	33.1	33.3	33.6
≥ 7000	31.2	33.7	34.0	34.3	34.5	34.5	34.6	34.6	34.6	34.8	34.9	34.9	34.9	34.9	35.1	35.4
≥ 6000	34.1	37.1	37.5	37.8	38.0	38.0	38.1	38.2	38.2	38.4	38.4	38.4	38.5	38.5	38.7	39.0
≥ 5000	36.5	39.8	40.3	40.6	40.8	40.8	41.0	41.0	41.0	41.3	41.3	41.3	41.4	41.4	41.6	41.9
≥ 4500	38.7	42.5	43.2	43.5	43.8	43.8	44.0	44.1	44.1	44.3	44.3	44.3	44.4	44.4	44.6	44.9
≥ 4000	42.1	46.6	47.4	47.9	48.2	48.2	48.4	48.5	48.5	48.7	48.8	48.8	48.9	48.9	49.1	49.4
≥ 3500	46.2	51.7	52.9	53.4	53.9	53.9	54.1	54.2	54.2	54.4	54.4	54.4	54.6	54.6	54.8	55.0
≥ 3000	49.8	56.9	58.3	59.1	59.8	59.8	60.2	60.2	60.2	60.5	60.5	60.5	60.7	60.7	60.9	61.2
≥ 2500	54.3	63.2	65.1	66.4	67.3	67.3	67.8	67.9	68.0	68.2	68.3	68.3	68.4	68.4	68.6	68.9
≥ 2000	56.0	65.4	67.4	68.9	69.9	70.0	70.6	70.7	70.7	71.0	71.0	71.0	71.2	71.2	71.4	71.7
≥ 1800	59.2	69.5	71.8	73.5	74.7	74.8	75.6	75.7	75.7	76.0	76.1	76.1	76.2	76.2	76.4	76.7
≥ 1500	63.0	74.3	76.9	78.8	80.2	80.4	81.4	81.6	81.6	81.9	82.0	82.0	82.2	82.2	82.4	82.7
≥ 1200	65.1	76.8	79.6	81.9	83.4	83.6	84.7	84.9	85.0	85.3	85.5	85.5	85.6	85.6	85.8	86.1
≥ 1000	65.8	77.7	80.6	83.0	84.6	84.9	86.0	86.2	86.3	86.7	86.8	86.8	87.0	87.0	87.2	87.5
≥ 900	66.3	78.5	81.4	83.9	85.5	85.8	87.0	87.3	87.4	87.9	88.0	88.0	88.2	88.2	88.4	88.7
≥ 800	67.0	79.5	82.6	85.3	86.9	87.3	88.5	88.8	88.9	89.4	89.6	89.6	89.8	89.8	90.0	90.3
≥ 700	67.4	80.2	83.6	86.6	88.3	88.8	90.2	90.6	90.6	91.3	91.5	91.5	91.7	91.7	91.9	92.2
≥ 600	67.5	80.4	83.9	86.9	88.8	89.3	90.7	91.1	91.2	91.9	92.1	92.1	92.3	92.3	92.5	92.8
≥ 500	67.6	80.7	84.3	87.5	89.5	90.0	91.6	92.1	92.1	93.1	93.4	93.4	93.7	93.7	93.9	94.2
≥ 400	67.6	80.8	84.5	87.9	90.1	90.7	92.6	93.2	93.2	94.5	94.9	95.0	95.3	95.3	95.6	96.0
≥ 300	67.7	80.9	84.6	88.0	90.3	90.8	92.9	93.7	93.7	95.2	95.8	95.8	96.5	96.5	97.3	98.0
≥ 200	67.7	80.9	84.6	88.0	90.3	90.8	93.0	93.7	93.7	95.3	95.9	95.9	96.8	96.8	97.8	99.7
≥ 100	67.7	80.9	84.6	88.0	90.3	90.8	93.0	93.7	93.7	95.3	95.9	95.9	96.8	96.8	97.9	100.0
≥ 0																

TOTAL NUMBER OF OBSERVATIONS 6571

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7793) SEATTLE/TACOMA IAP,WA 73-81 ALL
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	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	33.1	35.1	35.6	36.0	36.2	36.3	36.4	36.5	36.5	36.6	36.6	36.6	36.7	36.7	36.7	36.8	
≥ 20000	36.1	38.3	38.8	39.2	39.5	39.5	39.7	39.7	39.7	39.8	39.9	39.9	40.0	40.0	40.1	40.2	
≥ 18000	36.3	38.5	39.0	39.5	39.7	39.8	40.0	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.3	40.4	
≥ 16000	36.7	38.9	39.4	39.9	40.1	40.2	40.4	40.4	40.4	40.5	40.6	40.6	40.6	40.7	40.7	40.8	
≥ 14000	37.7	40.0	40.5	41.0	41.2	41.3	41.5	41.5	41.5	41.6	41.7	41.7	41.8	41.8	41.9	42.0	
≥ 12000	39.4	41.7	42.3	42.8	43.0	43.1	43.2	43.3	43.3	43.4	43.4	43.4	43.5	43.5	43.6	43.7	
≥ 10000	41.1	43.6	44.2	44.7	44.9	45.0	45.2	45.2	45.3	45.4	45.4	45.4	45.5	45.5	45.6	45.7	
≥ 9000	42.2	44.7	45.3	45.8	46.1	46.1	46.3	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.7	46.8	
≥ 8000	43.6	46.3	46.9	47.4	47.6	47.7	47.9	47.9	47.9	48.1	48.1	48.1	48.2	48.2	48.3	48.4	
≥ 7000	45.4	48.2	48.8	49.3	49.5	49.6	49.8	49.8	49.8	50.0	50.0	50.0	50.1	50.1	50.2	50.3	
≥ 6000	47.2	50.1	50.7	51.2	51.5	51.5	51.7	51.8	51.8	51.9	52.0	52.0	52.1	52.1	52.2	52.3	
≥ 5000	50.6	53.6	54.3	54.9	55.1	55.2	55.4	55.5	55.5	55.6	55.6	55.6	55.7	55.8	55.8	56.0	
≥ 4500	53.2	56.5	57.2	57.8	58.1	58.2	58.4	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.9	
≥ 4000	55.8	59.3	60.1	60.7	61.0	61.1	61.3	61.4	61.4	61.5	61.5	61.5	61.7	61.7	61.8	61.9	
≥ 3500	59.7	63.0	63.9	64.5	64.9	64.9	65.2	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.6	65.7	
≥ 3000	63.2	67.9	69.0	69.7	70.1	70.2	70.5	70.5	70.6	70.7	70.7	70.7	70.8	70.9	70.9	71.1	
≥ 2500	66.8	72.4	73.6	74.5	75.0	75.1	75.4	75.5	75.5	75.6	75.7	75.7	75.8	75.8	75.9	76.0	
≥ 2000	70.3	76.8	78.2	79.3	79.9	80.0	80.4	80.5	80.5	80.7	80.7	80.7	80.8	80.8	80.9	81.0	
≥ 1800	71.7	78.4	80.0	81.1	81.7	81.9	82.3	82.4	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.9	
≥ 1500	73.8	81.1	82.8	84.1	84.8	84.9	85.3	85.5	85.5	85.7	85.7	85.7	85.8	85.8	85.9	86.0	
≥ 1200	76.1	84.2	85.9	87.4	88.2	88.4	88.9	89.1	89.1	89.3	89.3	89.3	89.4	89.4	89.6	89.7	
≥ 1000	77.1	85.6	87.5	89.1	90.0	90.2	90.8	90.9	90.9	91.2	91.2	91.2	91.4	91.4	91.5	91.6	
≥ 900	77.5	86.1	88.0	89.7	90.6	90.8	91.4	91.6	91.6	91.9	91.9	91.9	92.0	92.0	92.2	92.3	
≥ 800	77.7	86.5	88.5	90.3	91.2	91.5	92.1	92.3	92.3	92.6	92.6	92.6	92.8	92.8	92.9	93.0	
≥ 700	78.0	87.0	89.1	90.9	91.9	92.2	92.9	93.1	93.1	93.4	93.5	93.5	93.6	93.6	93.7	93.8	
≥ 600	78.3	87.5	89.7	91.6	92.7	93.0	93.8	94.1	94.1	94.4	94.5	94.5	94.6	94.7	94.8	94.9	
≥ 500	78.3	87.7	89.9	91.9	93.1	93.4	94.3	94.6	94.6	95.0	95.1	95.1	95.2	95.2	95.4	95.5	
≥ 400	78.4	87.8	90.1	92.3	93.5	93.9	94.9	95.3	95.3	95.8	95.9	96.0	96.1	96.1	96.3	96.4	
≥ 300	78.4	87.9	90.3	92.5	93.9	94.3	95.6	96.0	96.0	96.7	96.9	96.9	97.2	97.2	97.4	97.5	
≥ 200	78.4	87.9	90.3	92.6	94.0	94.4	95.8	96.3	96.3	97.2	97.5	97.5	98.0	98.0	98.3	98.8	
≥ 100	78.4	87.9	90.3	92.6	94.0	94.4	95.8	96.3	96.3	97.3	97.6	97.6	98.2	98.2	98.8	99.8	
≥ 0	78.4	87.9	90.3	92.6	94.0	94.4	95.8	96.3	96.3	97.3	97.6	97.6	98.2	98.2	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 77531

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 7930 | SEATTLE/TACOMA IAP,WA | 73-81 | JAN
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	00-02	17.2			10.3						9.0	63.5	7.5	819
	03-05	16.8			7.7						10.8	64.7	7.7	827
	06-08	12.2			8.7						11.8	67.4	8.1	806
	09-11	7.6			9.9						17.9	64.6	8.4	817
	12-14	7.8			10.9						17.9	63.4	8.3	817
	15-17	7.3			13.6						18.7	60.4	8.1	824
	18-20	11.9			11.1						13.2	63.8	7.9	831
	21-23	13.6			12.3						10.8	63.3	7.7	826
TOTALS		11.8			10.6						13.8	63.9	8.0	6567

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (PERIOD) FEB (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	12.1			9.3						13.7	64.9	8.0	752
	03-05	9.0			9.1						13.6	68.3	8.3	748
	06-08	5.9			7.8						17.2	69.1	8.7	745
	09-11	5.3			7.6						22.8	64.3	8.7	750
	12-14	3.8			11.1						21.8	63.3	8.6	746
	15-17	5.7			12.4						23.5	58.3	8.3	749
	18-20	10.0			14.7						14.0	61.2	7.8	748
	21-23	13.1			9.9						15.8	61.2	7.8	747
TOTALS		8.1			10.2						17.8	63.8	8.3	5985

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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	14.3			12.3						14.3	59.1	7.6	826
	03-05	11.0			10.2						17.3	61.5	8.0	826
	06-08	5.8			12.7						19.1	62.4	8.3	828
	09-11	5.1			13.7						26.9	54.3	8.3	823
	12-14	6.0			14.7						27.1	52.2	8.1	823
	15-17	6.3			13.5						27.8	52.4	8.1	824
	18-20	8.5			15.5						23.9	52.1	7.8	821
	21-23	13.9			13.9						18.6	53.5	7.4	826
TOTALS		8.9			13.3						21.9	55.9	8.0	6597

USAFETAC FORM JUL 64 8-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (PERIOD) APR (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	19.0			15.8						16.3	48.9	6.8	799
	03-05	16.1			14.4						17.4	52.1	7.2	794
	06-08	8.6			11.2						21.8	58.4	8.1	793
	09-11	8.7			12.6						28.7	50.0	8.0	802
	12-14	6.9			18.5						27.2	47.4	7.7	794
	15-17	5.9			22.2						24.7	47.2	7.6	798
	18-20	8.7			21.1						22.2	48.0	7.4	796
	21-23	17.8			17.8						16.5	47.8	6.8	807
TOTALS		11.5			16.7						21.9	50.0	7.5	6383

USAFETAC FORM JUL 44 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7?/930 | SEATTLE/TACOMA IAP,WA | 73-81 | 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	19.2			16.9						19.9	43.9	6.7	826
	03-05	14.8			16.2						15.1	53.9	7.2	826
	06-08	11.6			11.3						19.0	58.1	7.9	817
	09-11	8.6			16.0						30.2	45.1	7.7	824
	12-14	8.9			22.2						27.3	41.5	7.3	816
	15-17	8.6			26.3						26.3	38.9	7.0	826
	18-20	11.1			22.9						25.4	40.6	7.0	820
	21-23	19.8			21.5						15.2	43.5	6.4	829
TOTALS		12.8			19.2						22.3	45.7	7.2	6584

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7?793? | SEATTLE/TACOMA IAP,WA | 73-81 | 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	26.5			13.0						16.8	43.7	6.3	799
	03-05	16.8			13.3						19.5	50.4	7.2	799
	06-08	11.9			13.6						18.2	56.3	7.7	787
	09-11	9.5			18.4						26.7	45.4	7.5	799
	12-14	10.9			20.5						30.4	38.2	7.2	799
	15-17	12.4			20.3						34.4	33.0	7.0	800
	18-20	15.5			20.8						30.6	33.0	6.7	793
	21-23	21.9			21.4						22.9	33.8	6.1	799
TOTALS		15.7			17.7						24.9	41.7	7.0	6375

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — PERIOD
JUL — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	38.6			13.0						12.6	35.8	5.1	832
	03-05	30.7			13.4						15.6	40.3	5.8	823
	06-08	24.6			11.4						15.8	48.2	6.6	824
	09-11	23.2			16.8						21.8	38.2	6.3	827
	12-14	26.0			22.1						23.5	28.4	5.6	823
	15-17	29.1			22.3						25.1	23.5	5.3	821
	18-20	30.8			22.6						22.1	24.4	5.1	827
	21-23	37.6			18.8						15.3	28.4	4.8	825
TOTALS		30.1			17.6						19.0	33.4	5.6	6602

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	36.9			12.4						13.5	37.2	5.3	823
	03-05	27.0			12.1						11.5	49.4	6.3	826
	06-08	16.1			10.3						13.4	60.1	7.5	812
	09-11	18.7			14.6						20.0	46.7	6.9	823
	12-14	23.5			22.3						20.7	33.5	5.9	821
	15-17	26.8			24.2						21.4	27.6	5.4	822
	18-20	30.0			24.4						17.8	27.8	5.1	824
	21-23	38.4			18.0						13.3	30.3	4.8	826
TOTALS		27.2			17.3						16.5	39.1	5.9	6577

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 793? STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 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	37.4			12.8						11.9	37.9	5.2	797
	03-05	31.1			10.6						13.5	44.8	6.0	794
	06-08	18.0			16.0						16.9	49.2	6.9	777
	09-11	18.3			19.4						19.3	43.1	6.6	800
	12-14	20.9			21.9						22.4	34.8	6.2	794
	15-17	26.2			19.4						24.3	30.2	5.8	799
	18-20	32.2			17.3						20.1	30.4	5.4	797
	21-23	39.0			16.1						14.7	30.1	4.8	794
TOTALS		27.9			16.7						17.9	37.6	5.9	6352

USAFETAC FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 /930 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	28.5			12.4						13.6	45.4	6.1	806
	03-05	20.1			11.0						13.8	55.1	7.1	806
	06-08	10.8			12.2						16.9	60.1	7.9	804
	09-11	11.2			11.2						22.7	55.0	7.9	816
	12-14	12.9			18.5						22.4	46.3	7.2	823
	15-17	16.8			17.9						20.5	44.8	6.9	826
	18-20	23.3			18.0						15.6	43.1	6.3	823
	21-23	30.3			13.0						14.9	41.8	5.9	823
TOTALS		19.2			14.3						17.6	49.0	6.9	6527

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727930 | SEATTLE/TACOMA IAP,WA | 73-81 | NOV
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		
NOV	00-02	10.7			10.6						13.5	65.2	8.1	776
	03-05	11.3			10.4						15.1	63.2	8.0	789
	06-08	7.5			11.4						14.6	66.5	8.3	782
	09-11	5.1			12.3						18.9	63.8	8.4	790
	12-14	5.8			11.2						17.6	65.4	8.5	792
	15-17	7.3			13.1						17.5	62.2	8.2	796
	18-20	13.0			10.8						14.1	62.1	7.8	797
	21-23	14.3			12.3						10.4	62.9	7.6	796
TOTALS		9.4			11.5						15.2	63.9	8.1	6318

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

727937 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (PERIOD) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	10.8			9.7						10.9	68.6	8.1	815
	03-05	8.5			10.3						12.5	68.7	8.3	825
	06-08	6.1			7.8						15.8	70.2	8.7	816
	09-11	4.6			7.8						22.6	65.0	8.8	824
	12-14	5.0			9.8						14.0	71.1	8.7	814
	15-17	5.8			9.9						20.8	63.5	8.5	816
	18-20	10.1			9.5						13.2	67.2	8.2	823
	21-23	12.8			8.7						11.6	67.0	8.0	820
TOTALS		8.0			9.2						15.2	67.7	8.4	6553

USAFETAC FORM JUL 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 7930 | SEATTLE/TACOMA IAP,WA | 73-81 | 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	11.8			10.6						13.8	63.9	8.0	6567
FEB		8.1			10.2						17.8	63.8	8.3	5985
MAR		8.9			13.3						21.9	55.9	8.0	6597
APR		11.5			16.7						21.9	50.0	7.5	6383
MAY		12.8			19.2						22.3	45.7	7.2	6584
JUN		15.7			17.7						24.9	41.7	7.0	6375
JUL		30.1			17.6						19.0	33.4	5.6	6602
AUG		27.2			17.3						16.5	39.1	5.9	6577
SEP		27.9			16.7						17.9	37.6	5.9	6352
OCT		19.2			14.3						17.6	49.0	6.9	6527
NOV		9.4			11.5						15.2	63.9	8.1	6318
DEC		8.0			9.2						15.2	67.7	8.4	6553
TOTALS		15.9			14.5						18.7	51.0	7.2	77420

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

   a. Daily maximum temperatures
   b. Daily minimum temperatures
   c. Daily mean temperatures

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

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

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.

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
727930 SEATTLE/TACOMA IAP,WA 46-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
N 95						.1	.9	1.1					.2
N 90					.5	1.0	3.6	3.0	.5				.7
N 85				.1	1.8	4.0	12.0	9.6	3.4				2.6
N 80				.2	4.7	12.4	28.7	21.3	9.2	.4			6.5
N 75				1.6	10.4	23.0	48.3	41.9	22.1	1.8			12.5
N 70		.1	.5	5.5	21.3	43.0	74.4	70.5	41.5	6.9	.4		22.2
N 65		1.5	2.4	13.1	40.8	69.5	94.3	92.2	69.0	19.4	1.4		33.8
N 60	.5	4.1	8.7	28.6	67.8	92.7	99.2	99.2	92.0	44.9	6.0	.7	45.6
N 55	4.5	15.6	26.9	58.2	91.7	98.8	99.9	99.9	98.9	78.3	23.6	5.4	58.7
N 50	20.6	41.4	58.0	89.4	99.3	100.0	100.0	100.0	99.9	94.5	59.6	28.8	74.4
N 45	46.3	76.4	90.0	99.3	100.0				100.0	99.6	85.2	59.3	88.0
N 40	74.5	93.9	97.8	100.0						100.0	96.2	84.5	95.5
N 35	89.8	98.8	99.6								99.2	95.9	98.6
N 30	95.7	99.7	99.9								99.6	98.7	99.5
N 25	98.9	99.9	100.0									99.4	99.8
N 20	99.8	100.0									100.0	99.8	100.0
N 15	100.0											100.0	100.0
N													
N													
N												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

7 793 SEATTLE/TACOMA IAP, WA 48-81
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL
≥ 65							.3	.7	.1				.1
≥ 60					.2	1.5	6.5	6.3	1.8				1.4
≥ 55				.3	2.8	16.9	44.8	49.5	19.8	2.3		.1	11.5
≥ 50	.5	.4	.8	2.8	20.4	66.8	91.3	90.8	67.1	20.2	2.8	1.1	30.6
≥ 45	5.8	8.3	7.0	15.9	63.9	95.7	99.5	99.5	91.3	53.9	21.8	8.7	47.8
≥ 40	23.4	31.6	34.6	58.5	91.1	99.9	100.0	100.0	98.3	86.7	52.3	32.8	67.6
≥ 35	49.1	65.1	70.7	91.1	99.3	100.0			100.0	97.3	78.5	61.5	84.5
≥ 33	61.4	75.8	82.6	97.1	99.8					98.7	84.6	73.4	89.5
≥ 30	76.3	89.2	93.1	99.5	99.9					99.7	93.2	87.0	94.8
≥ 25	88.4	97.1	99.0	100.0	100.0					100.0	98.5	95.8	98.2
≥ 20	93.5	99.0	99.8								99.4	98.2	99.2
≥ 15	97.6	99.5									99.6	99.1	99.6
≥ 10	99.1	99.7	100.0								99.8	99.8	99.9
≥ 5	99.9	99.9									100.0	100.0	100.0
≥ 0	100.0	100.0											100.0
MEAN	33.6	36.5	37.2	40.4	45.8	51.0	54.1	54.3	50.9	45.3	39.3	36.2	43.7
S D	7.914	6.137	5.161	4.425	4.499	3.813	3.522	3.607	4.526	5.141	6.428	6.577	8.911
TOTAL OBS.	1054	961	1054	1019	1054	1020	1054	1054	1020	1054	1020	1052	12416

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...RAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVICE/MAC
7...3... SEATTLE/TACOMA IAP, WA 48-81
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
≥						.1	.5	.6	.1				.1
75					.3	.9	4.0	3.5	.3				.8
7...				.1	1.5	5.7	16.6	12.8	3.6				3.4
≥5				.6	5.8	18.3	45.7	42.4	17.7	.9			11.1
6...				3.4	18.1	49.7	87.2	85.8	51.5	7.5	.2		25.5
55	.4	1.1	2.0	10.6	47.5	87.9	99.0	99.3	86.5	33.0	3.4	.4	39.5
50	4.1	10.3	14.6	37.0	84.5	99.2	100.0	100.0	97.5	70.1	21.9	6.0	54.0
45	21.3	37.8	46.8	81.5	98.9	100.0			99.8	93.2	58.1	30.1	72.4
40	49.1	72.2	85.7	98.9	100.0				100.0	99.3	82.9	60.6	87.4
35	75.9	92.7	96.3	100.0						100.0	95.2	87.6	95.6
30	89.8	98.0	99.5								98.8	95.8	98.5
25	94.6	99.5	99.8								99.6	98.6	99.3
20	98.1	99.6	100.0									99.3	99.7
15	99.6	99.9									99.8	99.8	99.9
1...	100.0	100.0									100.0	100.0	100.0
MEAN	38.7	42.5	44.2	48.6	54.9	60.1	64.7	64.2	59.9	52.2	44.9	40.9	51.3
S.D.	7.348	5.787	5.068	4.871	5.537	5.269	4.934	4.771	5.142	5.096	6.019	6.195	10.509
TOTAL OBS.	1054	961	1054	1019	1054	1020	1054	1054	1020	1054	1020	1052	12416

USAFETAC FORM JUL 64 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

ANNUAL DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
		57		66	87	87	88		81		65	47	88
	4	66	67	73	81	94	90	92	87	71	74	56	92
	5	58	50	74	79	84	96	96	86	71	64	53	96
	58	57	62	77	81	92	96	85	87	8	57	49	96
		63	56	71	86	75	89	94	85	74	64	59	90
	57	52	72	69	86	71	88	95	85	75	61	51	88
	55	58	59		75	77	83	8	76	76	62	55	90
		51	64	7	71	96	92	87	86	63	60	55	96
5	5	47	66	74	87	77	94	87	86	63	56	54	94
	47	56	59	75	80	76	92	90	84	71	57	51	84
	57	51	59	73	89	91	97	87	86	75	60	57	97
		56	59	73	81	85	93	82	77	65	58	56	93
	1	53	56	72	76	82	94	99	82	68	65	61	99
	4	57	61	68	85	93	97	93	86	8	62	53	97
	57	64	67	77	67	85	86	84	84	73	63	57	86
	62	68	64	65	93	86	78	85	89	76	59	56	93
	53	54	71	63	91	79	85	85	77	73	56	54	90
	56	59	64	77	74	89	94	93	75	74	63	61	94
6	65	65	70	75	83	86	94	88	82	76	58	54	88
6	5	56	55	62	82	87	87	98	93	71	61	55	98
6	53	71	69	76	83	87	90	91	83	68	59	53	90
	55	57	72	68	9	91	85	84	85	73	62	56	91
	62	65	60	62	85	94	90	85	85	74	72	53	94
	55	56	55	76	87	90	95	94	76	72	65	5	95
	53	57	66	77	91	78	91	95	83	69	57	54	95
	57	67	62	65	87	86	9	85	88	68	60	57	90
	55	55	60	75	72	80	89	91	91	75	59	57	91
	55	58	61	67	81	88	9	84	86	81	66	57	90
7	57	57	60	65	81	96	86	82	86	74	65	51	86
7	57	67	59	78	72	87	87	96	77	69	62	56	96
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1210 WS FORM JUL 64 0.88-5 (OLI)

[redacted] METEOROLOGY BRANCH
FOR
[redacted] DAVIS AFB

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[redacted] STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 48-61 YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
[redacted]	[redacted]	62	64	7[illegible]	82	9[illegible]	95	9[illegible]	7[illegible]	7[illegible]	5[illegible]	[illegible]	[illegible]
[redacted]	[illegible]	5[illegible]	7[illegible]	7[illegible]	81	8[illegible]	93	8[illegible]	9[illegible]	77	6[illegible]	5[illegible]	7[illegible]
[redacted]	[illegible]	59	61	7[illegible]	77	7[illegible]	85	87	7[illegible]	[illegible]	7[illegible]	[illegible]	[illegible]
[redacted]	66	65	67	73	77	8[illegible]	97	99	94	84	67	5[illegible]	[illegible]
MEAN	54.[illegible]	59.1	63.1	71.9	81.[illegible]	84.6	89.1	88.1	84.[illegible]	7[illegible].[illegible]	61.6	55.[illegible]	72.6
S. D.	3.44[illegible]	5.291	4.656	5.431	6.162	6.155	5.581	5.570	5.254	4.492	4.722	3.483	4.394
TOTAL OBS.	1054	961	1054	1019	1054	1020	1054	1054	1020	1054	1020	1052	12416

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

1210 WS FORM JUL 66 0-88-5 (OL1)

2

METEOROLOGY BRANCH

[illegible] SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

STATION: [illegible] STATION NAME: SEATTLE/TACOMA [illegible], WA YEARS: [illegible]

(DEGREES FAHRENHEIT)

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
	[illegible]	[illegible]	[illegible]	[illegible]	35	46	48	[illegible]	37	[illegible]	27	[illegible]	15
	1[illegible]	32	[illegible]	34	36	42	43	48	[illegible]	[illegible]	35	17	12
	[illegible]	1[illegible]	27	[illegible]	34	43	47	44	36	30	25	[illegible]	[illegible]
	[illegible]	24	24	19	32	42	47	44	[illegible]	[illegible]	23	16	11
	[illegible]	26	[illegible]	[illegible]	33	36	45	44	32	25	17	[illegible]	10
	[illegible]	27	[illegible]*	[illegible]	35	41	46	40	32	29	21	[illegible]	25
	[illegible]	26	24	31	2[illegible]	42	43	45	37	[illegible]	29*	[illegible]	16
[illegible]	[illegible]	21	[illegible]	21	[illegible]	43	4[illegible]	44	37	27	[illegible]	[illegible]	6
5	[illegible]	13	25	21	37	42	46	46	4[illegible]	30	26	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	33	26	44	47	48	46	42	25	27	[illegible]	9
[illegible]	[illegible]	31	29	32	39	[illegible]	[illegible]	[illegible]	41	27	22	[illegible]	25
[illegible]	1[illegible]	29	21	24	37	46	48	46	44	34	27	[illegible]	14
[illegible]	[illegible]	25	24	24	37	47	46	45	[illegible]	25	27	[illegible]	24
[illegible]	[illegible]	34	23	[illegible]	38	4[illegible]	[illegible]	51	39	[illegible]	23	2[illegible]	23
[illegible]	1[illegible]	29	[illegible]	26	33	41	48	47	44	33	[illegible]	[illegible]	13
[illegible]	1[illegible]	32	[illegible]	[illegible]	36	46	47	[illegible]	4[illegible]	[illegible]7	26	[illegible]	12
[illegible]	[illegible]	[illegible]	31	33	35	46	51	47	44	37	[illegible]	[illegible]	1[illegible]
[illegible]	[illegible]	32	[illegible]	34	36	46	49	49	42	[illegible]	32	[illegible]	25
[illegible]5	[illegible]	3[illegible]	29	[illegible]	37	46	51	46	4[illegible]	[illegible]7	31	[illegible]	[illegible]7
6	[illegible]	3[illegible]	[illegible]	33	42	47	5[illegible]	52	47	4[illegible]	31	[illegible]	25
[illegible]	[illegible]	3[illegible]	[illegible]	[illegible]3	41	45	51	[illegible]2	45	4[illegible]	35	[illegible]	[illegible]
[illegible]	1[illegible]	31	32	35	36	49	5[illegible]	4[illegible]	43	[illegible]	[illegible]	33	15
[illegible]	[illegible]	33	[illegible]	34	[illegible]	47	51	52	41	31	27	[illegible]	27
[illegible]	[illegible]	24	23	33	41	44	47	53	43	[illegible]1	33	25	23
[illegible]	[illegible]7	19	31	34	41	49	46	5[illegible]	[illegible]	34	23	17	17
[illegible]	[illegible]	29	31	34	4[illegible]	44	45	4[illegible]	4[illegible]	[illegible]	31	[illegible]	15
[illegible]	1[illegible]	[illegible]8	[illegible]7	[illegible]7	[illegible]9	[illegible]5	49	47	44	[illegible]5	[illegible]9	[illegible]4	16
[illegible]	2[illegible]	[illegible]7	26	[illegible]9	37	43	5[illegible]	51	47	3[illegible]	[illegible]2	[illegible]7	22
[illegible]	[illegible]7	[illegible]4	[illegible]4	[illegible]	42	4[illegible]	51	5[illegible]	5[illegible]	3[illegible]	29	[illegible]7	[illegible]4
[illegible]7	[illegible]4	32	3[illegible]	[illegible]7	41	44	5[illegible]	51	[illegible]3	4[illegible]	[illegible]1	3[illegible]	[illegible]1
MEAN													
S. D.													
TOTAL OBS.													

NOTES * (BASED ON LESS THAN FULL MONTHS)

[illegible] LAST ONE DAY LESS THAN [illegible]

1210 WS FORM JUL 84 0-88-5 (OL1)

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

MONTH / YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
MEAN		25.7	27.9	35.	57.5	44.7	48.9	46.3	42.7	35.7	2.4	4.4	15.6
S. D.	1.723	6.617	4.673	2.391	3.395	2.782	2.691	2.916	3.76	.43	5.4	6.4	7.298
TOTAL OBS.	1054	961	1154	1019	1154	1023	1054	1054	1	1154	1	1	12416

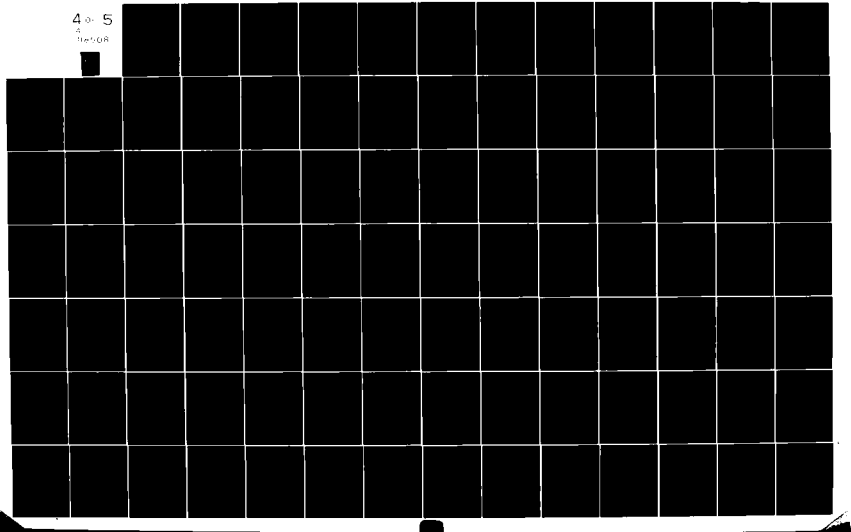
NOTES * (BASED ON LESS THAN FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (OL1)

a (AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A118 508 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SEATTLE TACOMA IAP, WASHINGTON. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/038 SBI-AD-F850 197 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] 3 | SEATTLE/TACOMA IAP, WA | 73-81 | JAN

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				.2	.1	.1												4	4		
5 / 55		.2				.5												6	6		
6 / 53			.9	.1		.1												9	9	2	1
7 / 51		1.1	.5															13	13	4	1
8 / 49		1.6	1.0	.6	.6	.5	.1											36	36	22	3
/ 47		3.0	1.8	.1	.5	.1												46	46	16	23
4 / 45		3.5	2.1	.6		.1												52	53	42	20
4 / 43		6.8	2.2	.4	.1	.2												80	80	64	29
2 / 41	.2	5.2	4.1	.7														85	85	81	40
4 / 39	.5	6.3	4.9	.7	.7	.2												110	110	78	83
7 / 37	1.0	5.6	3.0	.4	.2	.1	.1											86	86	99	65
/ 35	.7	5.0	2.3	.2	.4	1.0	.1											80	80	96	74
3 / 33	.7	2.7	2.1	.5	.9	.9												63	63	76	79
4 / 31		4.0	1.5	1.1	.1													55	55	54	96
1 / 29	.6	2.1	.7	.9	.5													39	39	55	64
2 / 27	.2	.5	.6	.6	.4													19	20	33	45
/ 25		.2	.6	1.9														15	15	37	35
2 / 23			.5	.2														6	6	16	27
2 / 21		.1	.4	1.1														13	13	15	16
/ 1				.4														3	3	14	12
/ 17																				8	5
1 / 15																				8	9
/ 13																					5
1 / 11																					19
/ 9																					7
/ 7																					7
/ 5																					2
/ 3																					13
/ 1																					11
/ -1																					9
- / -3																					6
- / -5																					5
- / -7																					6
- / -9																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 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
T [illegible]	4.0	48.2	29.1	9.9	4.5	3.9	.4										820	822		820
																			820	

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.	4797021	63935	74.3	18.119	820							
Dry Bulb	1279119	31911	38.8	7.006	822		17.1					93
Wet Bulb	1097020	29378	35.8	7.371	820		27.2					93
Dew Point	876177	25017	30.5	11.743	820	3.3	45.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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
/ 57					.1													1	1		
5 / 55		.1	.4	.1		.4												8	8		
4 / 53			.6															5	5	1	
2 / 51		.8	1.0		.6													20	20	6	1
5 / 49		1.6	.8	.5	.4	.1												28	28	18	5
/ 47		3.5	1.5		.4	.1												45	45	17	20
4 / 45		3.5	1.6	.2	.1	.2												47	47	49	24
4 / 43		5.8	1.8	.1	.1	.2												67	67	55	34
2 / 41		5.9	2.9	.2	.5													79	79	71	35
4 / 39	.7	7.5	4.0	.1	.2	.4												107	107	77	81
3 / 37	1.1	5.2	2.9	.1			.1											78	78	95	77
/ 35	1.0	6.2	3.0		.4	1.2	.1											98	98	88	68
3 / 33	.2	3.7	1.5		.7	.6												56	56	86	61
2 / 31	.5	4.4	.7	.7	.4													55	55	60	95
/ 29	.5	5.0	.7	.8	.2													60	60	40	74
2 / 27		2.1	.6	.6														27	27	58	45
/ 25		.5	.2	.8														13	13	39	33
2 / 23			.8	.5														11	11	19	33
2 / 21		.1	.7	.5														11	11	9	27
/ 19		.1	.4	.6														9	9	15	12
/ 17		.1	.1															2	2	12	5
1 / 15																				11	9
/ 13																				1	3
1 / 11																					9
/ 9																					10
/ 7																					11
/ 5																					8
/ 3																					15
/ 1																					11
/ -1																					6
/ -3																					1
/ -5																					5
/ -7																					6
/ -9																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 2

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
[illegible]	.4	56.1	26.2	6.0	4.1	3.3	.2											827		827	
																	827		827		827

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.	5072495	63155	76.4	17.379	827							
Dry Bulb	1239875	31447	38.0	7.300	827		21.1					93
Wet Bulb	1081145	29237	35.4	7.585	827		29.7					93
Dew Point	880578	25230	30.5	11.585	827	2.4	47.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] SEATTLE/TACOMA IAP, WA 73-81 JAN
STATION STATION NAME YEARS 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
- / 57			.1															1	1		
5 / 55						.4												3	3		
4/ 53		.7	.6		.2													13	13	1	
2/ 51		.6	1.1	.4	.2													19	19	7	2
5 / 4[illegible]		1.2	1.2	.5	.4													27	27	14	7
- / 47		2.8	1.7	.5	.4													44	44	19	15
4 / 45		3.4	.5	.2	.1	.4												38	38	51	20
4/ 4[illegible]		5.7	1.7	.1	.2													63	63	43	36
2/ 41		5.7	1.8	.1	.4													65	65	69	36
4 / 39	1.7	5.8	3.2	.2	.4	.4												95	95	79	68
3 / 37	1.4	7.0	3.2	.4		.1												98	99	74	87
[illegible] / 35	.7	7.6	2.5	.1	1.0	.9												104	104	94	63
3 / 33	.5	2.6	2.1		.5	.5												50	50	101	62
2/ 31	1.[illegible]	4.3	1.2	.5	.2													59	59	52	96
[illegible]/ 29	.2	2.6	1.2	.9														40	40	45	60
2 / 27	.2	2.2	.9	.9	.1													35	35	48	45
[illegible] / 25	.2	1.4	.6	1.0														26	26	35	38
2 / 23	.1		.4	1.1														13	13	29	25
2/ 21			.2	.2														4	4	14	26
[illegible] / 19		.2	.7	.6														13	13	11	21
[illegible] / 17		.1																1	1	13	7
1 / 15		.1																1	1	12	8
[illegible] / 13																				1	6
1 / 11																					8
[illegible]/ [illegible]																					10
/ 7																					17
[illegible] / 5																					8
[illegible] / 3																					10
/ 1																					10
/ -1																					5
- / -3																					3
-[illegible] / -5																					5
-[illegible] / -7																					5
-[illegible] / -9																					3

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727930 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | JAN 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
TOTAL	5.2	54.2	25.1	7.8	4.2	2.6												812		812	
																		812		812	812

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4992187	62074	76.4	17.448	812							
Dry Bulb	1200738	30660	37.7	7.399	813		22.0					93
Wet Bulb	1046812	28481	35.1	7.686	812		29.8					93
Dew Point	852058	24564	30.3	11.591	812	2.4	47.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793[illegible] | SEATTLE/TACOMA IAP, WA | 73-81 | JAN
STATION | STATION NAME | YEARS | 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
/ 59							.1											1	1		
/ 57					.1													1	1		
5 / 55			.4	.1		.4												7	7		
4 / 53		.2	1.0	.5	.1													15	15		
/ 51		1.1	1.2	.7	.2	.1												28	28	7	
5 / 49		1.5	2.[illegible]	.2	.9		.1											38	38	28	5
/ 47		3.3	1.8	.2														44	44	21	23
4 / 45		2.7	2.6	.6		.2	.1											51	51	56	24
4 / 43		5.9	2.6	.4	.1	.2												75	75	54	39
2 / 41	.1	5.2	3.4	1.3	.1	.1	.2	.1										88	88	73	43
4 / 39	1.3	6.3	3.8	.2		.2	.1											99	99	90	73
3 / 37	1.1	6.2	4.9	.9	.2	1.0	.1											118	118	92	88
/ 35	.4	3.7	2.6	.7	.7	.6												71	71	94	56
3 / 33	.4	3.4	1.1	.5	.2													46	46	80	89
2 / 31	.4	2.4	2.1	.6	1.1													54	55	56	81
1 / 29	.4	1.8	.7	.6	.6													34	34	41	71
2 / 27		1.1	.6	.9	.5													25	25	49	39
1 / 25		.1	.2	1.0	.4													14	15	25	30
2 / 23			.2	.2														4	4	17	14
2 / 21			.2	.2														4	4	14	19
/ 19		.1	.2															3	3	14	21
1 / 17																				8	7
1 / 15																				1	9
1 / 13																					7
1 / 11																					13
1 / 9																					10
/ 7																					13
/ 5																					8
/ 3																					9
/ 1																					13
/ -1																					4
- / -3																					6
- / -5																					3
- / -7																					2

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727930 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | JAN 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
- / -9																					1
TOTAL	4.	45.	131.	610.	5.	4	2.	0	.9	.1									822		820
																		820		820	

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.	4763248	60750	74.1	17.905	820							
Dry Bulb	1315536	32386	39.4	6.955	822		15.8					93
Wet Bulb	1125743	29795	36.3	7.257	820		25.5					93
Dew Point	895218	25442	31.0	11.368	820	1.8	43.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727793	SEATTLE/TACOMA IAP, WA	73-81	JAN
STATION	STATION NAME	YEARS	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	
4/ 63							.2												2	2		
/ 61					.1	.1	.1												3	3		
/ 59					.1														1	1		
/ 57					.2	.4													5	5		
5 / 55			.1	.6	.1														7	7		
4/ 53		.4	.7	1.0	.4	.6													25	25	2	
2/ 51		2.2	2.1	1.2	.4		.1												49	49	9	
5 / 49		1.2	3.3	1.0	.5	.5	.4												56	56	41	4
/ 47		2.9	3.1	1.3	.4	.1	.2												66	66	42	31
4 / 45		3.4	2.1	3.3	.2	.1	.1	.5											80	80	70	35
4/ 43	.1	5.3	5.6	2.2	.2	.2	.1	.2											115	115	71	38
2/ 41		3.9	5.1	2.9	.1	.5	.7												109	109	86	77
4 / 39	.9	4.2	4.6	1.7	.5	.5	.1												102	102	111	77
3 / 37	.5	2.4	2.2	1.6	1.2	.6													70	70	101	73
/ 35	.1	1.5	1.1	1.0	.6	.2													37	37	78	70
3 / 33		1.8	.5	.5	1.2	.4													36	36	53	81
2/ 31		.9	.5	.6	.7	.1													23	23	41	74
/ 29		.6	.4		1.2														18	18	44	56
2 / 27	.4		.6	.5	.2														14	14	25	37
/ 25																					18	20
2 / 23																					11	10
2/ 21																					14	15
/ 19																					1	16
/ 17																						13
1 / 15																						9
/ 13																						11
1 / 11																						16
/ 9																						6
/ 7																						8
/ 5																						5
/ 3																						12
/ 1																						5
/ -1																						6
/ -3																						8

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
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

7?793	SEATTLE/TACOMA IAP, WA	73-81	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																					3
- / -7																					2
TAL	2.030.732.019.4				8.6	4.4	2.2	.7										818	818	818	818

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.	4223245	56713	69.3	18.784	818							
Dry Bulb	1513535	34797	42.5	6.584	818		6.5					93
Wet Bulb	1247722	31472	38.5	6.717	818		17.5					93
Dew Point	950798	26288	32.1	11.390	818	2.2	37.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 1
1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 53								.2										2	2		
/ 61							.1											1	1		
/ 59					.1	.4												4	4		
/ 57				.1		.2	.1											4	4		
5 / 55				.2	.4	.1	.1											7	7		
4/ 53		.5	.6	.4	.2	.2												16	16		
2/ 51		1.9	2.8	.5	.4	.1	.2											49	49	10	
5 / 49		1.2	3.0	1.0	.4	.1	.1											48	48	36	8
/ 47		2.9	3.4	1.5	.7	.2												72	72	43	26
4 / 45		5.6	4.2	2.7	.6	.4	.1	.1										113	113	67	33
4/ 43	.1	4.5	5.6	2.4	.1	.2	.2											109	109	86	46
2/ 41	.1	4.2	3.3	2.3	.6	.7	.6											98	98	90	79
4 / 39	.8	3.4	5.2	1.3	.6	.2	.2											98	98	128	74
3 / 37	.2	2.5	1.9	1.1	.5	.5	.1											57	57	76	79
/ 35		1.2	2.2	1.3	1.3	.6												55	55	83	59
3 / 33	.1	1.7	1.1	.4	.6	.5												36	36	46	84
2/ 31		.7	.5	.5	.6	.1												20	20	47	89
0/ 29	.4		.6	.2	1.2													20	20	41	45
2 / 27	.1	.2	.2	.3	.1													13	13	27	29
/ 25			.1															1	1	14	21
2 / 23			.1															1	1	10	15
2/ 21																				18	17
/ 19																				2	17
/ 17																					16
1 / 15																					12
/ 13																					9
1 / 11																					10
0/ 9																					11
/ 7																					4
/ 5																					3
/ 3																					7
/ 1																					13
/ -1																					9
- / -3																					9

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
JAN — 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
T T _	1.	30.	735.	016.	7	9.	5	4.	7	2.	1	.4							824		824
																		824		824	

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.	4231 3 2	57424	69.7	18.427	824							
Dry Bulb	151713	34973	42.4	6.335	824		6.					93
Wet Bulb	1256457	31695	38.5	6.734	824		17.9					93
Dew Point	961416	26570	32.2	11.277	824	7.1	37.9					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57				.1	.1	.5												6	6		
5 / 55			.1	.2	.2	.1												6	6		
4/ 53		.4	.2	.2	.1	.1												9	9		
/ 51		1.6	.7		.4	.2	.1											25	25	7	
5 / 4-		1.-	2.1	.7	.5	.2												37	37	22	10
/ 47	.1	2.9	3.6	.5		.2	.1											62	62	22	15
4 / 45		4.5	4.2	.4	.1	.1												77	77	62	23
4/ 43		5.8	4.3	.2	.1	.2												89	89	86	36
2/ 41	.5	6.2	5.4	1.1	.7													115	115	86	74
4 / 3-	1.-	4.2	6.9	.5	.6		.4											112	113	93	80
3 / 37	.5	4.6	3.3	.6	.5	.5	.1											83	83	110	94
/ 35	.1	2.5	2.7	1.4	.5	.4												63	63	90	61
3 / 33	.2	1.2	3.1	1.3	.4	.7												49	49	59	84
2/ 31		1.6	1.-	1.1	.6													35	35	40	88
2 / 2-	.5	.5	.5	.5	.6													21	21	49	46
2 / 27	.2	.1	.7	.6	.7													20	21	30	29
/ 25			.4	1.0														11	11	24	30
2 / 23				.2														2	2	16	14
2/ 21			.6	.1														6	6	19	21
/ 1-																				5	19
/ 17																				8	17
1 / 15																					10
/ 13																					7
1 / 11																					10
0/ 9																					11
/ 7																					4
/ 5																					4
/ 3																					5
/ 1																					15
/ -1																					9
- / -3																					8
- / -5																					3
- / -7																					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 AK 84 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]793 | SEATTLE/TACOMA IAP,WA | 73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	3.	137.	038.	810.	9	6.2	3.4	.7										828	830	828	828

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.	4632137	60202	72.7	17.559	828							
Dry Bulb	1395359	33597	40.5	6.536	830		10.8					93
Wet Bulb	1183100	30758	37.1	7.000	828		21.5					93
Dew Point	932699	26183	31.6	11.254	828	2.4	39.4					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] SEATTLE/TACOMA IAP, WA 73-81 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.-W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59					.2													2	2		
/ 57				.1														1	1		
5 / 55				.2	.1	.7												9	9		
4 / 53		.1	.4															4	4		
2 / 51		1.3	.6			.5	.1											21	21	5	
5 / 4-		1.2	1.6	.7	1.3	.5												41	41	21	6
/ 47		2.5	3.2	.5	.1													52	52	19	16
4 / 45		3.4	2.9	.8	.4	.1												63	63	42	19
4 / 43		5.5	3.4	.5	.2	.4												82	82	80	35
2 / 41	.4	6.7	3.8	.8	.1	.1												98	98	84	54
4 / 3	.2	5.8	5.9	1.3	.5													111	111	90	62
3 / 37	.5	5.3	4.6	.4	.6	.4	.4											100	100	105	92
/ 35	.6	3.6	1.6	.7	.5	.4												61	61	100	66
3 / 33	.6	2.4	1.3	1.3	.5	.6												56	56	65	94
2 / 31		2.3	1.9	1.3	.7													52	52	49	99
1 / 29	.5	.8	1.2	.7	.5													31	31	48	55
/ 27	.4	.1	.6	.6	.5													18	18	35	35
/ 25			.1	1.1														10	10	28	36
2 / 23			.1	.2														3	3	20	18
2 / 21			.4	.8														10	10	12	17
/ 1																				10	16
/ 17																				12	9
1 / 15																					15
/ 13																					5
1 / 11																					13
/ [illegible]																					15
/ [illegible]																					2
/ [illegible]																					3
/ [illegible]																					9
/ [illegible]																					8
/ -1																					12
- / -3																					7
-1 / -5																					6
- / -7																					2

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

USAFETAC FORM 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

7 7930 | SEATTLE/TACOMA IAP, WA | 73-81 | JAN
STATION | STATION NAME | YEARS | 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
[illegible]	.241	.233	.612	.0	5.9	3.6	.5												825	825	825	825

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.	4663574	60272	73.1	17.773	825							
Dry Bulb	1336238	32742	39.7	6.683	825		14.0					93
Wet Bulb	1136173	30160	36.4	7.045	825		24.1					93
Dew Point	894141	25525	30.9	11.257	825	3.0	42.9					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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JAN — 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
4/ 65							.0	.0										4	4		
/ 61					.1	.0	.0											4	4		
/ 59					.1	.0	.0											8	8		
/ 57			.0	.1	.1	.2	.0											23	23		
5 / 55		.0	.1	.2	.1	.3	.0											53	53		
4/ 53		.3	.6	.3	.1	.1												96	96	6	1
2/ 51		1.3	1.2	.3	.3	.1	.1											224	224	55	4
5 / 49		1.3	1.9	.7	.6	.2	.1											311	311	202	48
/ 47	.9	3.0	2.5	.6	.3	.1	.0											431	431	199	169
4 / 45		3.8	2.5	1.1	.2	.2	.0	.1										521	522	439	198
4/ 43	.0	5.6	3.4	.8	.2	.2	.0	.0										680	680	539	293
2/ 41	.2	5.4	3.7	1.2	.3	.2	.2	.0										737	737	640	438
4 / 39	.9	5.4	4.8	.7	.4	.2	.1											834	835	746	598
3 / 37	.8	4.9	3.3	.7	.4	.4	.1											690	691	752	655
/ 35	.5	3.9	2.2	.7	.7	.7	.0											569	569	723	517
3 / 33	.3	2.4	1.5	.6	.6	.5												392	392	566	634
2/ 31	.2	2.6	1.2	.8	.6	.0												353	354	399	718
/ 29	.4	1.7	.8	.6	.6													263	263	363	471
2 / 27	.2	.8	.6	.7	.3													171	173	305	304
/ 25	.0	.3	.3	.7	.0													90	91	220	242
2 / 23	.0		.3	.3														40	40	138	156
2/ 21		.0	.3	.4														48	48	115	158
/ 19		.1	.2	.2														28	28	72	134
/ 17		.1	.0															3	3	61	79
1 / 15		.0																1	1	32	81
/ 13																				2	53
1 / 11																					98
4/ 9																					80
/ 7																					66
/ 5																					41
/ 3																					80
/ 1																					86
/ -1																					60
- / -3																					48

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
JAN — MONTH
PAGE 2
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
-5 / -5																					30
-7 / -7																					24
-9 / -9																					10
TOTAL	3.5	42.9	31.4	11.6	5.9	3.6	.9	.2											6581		6574
																		6574		6574	

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.	37422151	481525	73.2	18.094	6574							
Dry Bulb	10797435	262508	39.9	7.042	6581		113.2					744
Wet Bulb	9174177	240875	36.6	7.280	6574		193.2					744
Dew Point	7243085	204819	31.2	11.453	6574	19.5	341.7					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]93 | SEATTLE/TACOMA IAP, WA | 73-81 | FEB
STATION | STATION NAME | YEARS | 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
/ 57						.4												3	3		
5 / 55		.1			.1	.1												3	3		
4/ 53		.7	.1	.3	.3	.1												11	11	4	2
2/ 51		.7	.3	.4	.5	.3	.3											22	22	4	3
5 / 49		2.8	2.5	.5	.9	.5												55	55	7	5
/ 47		3.7	2.0		.5													47	47	41	13
4 / 45	.1	7.6	4.2	.5	.9		.1											102	102	62	26
/ 43		5.6	3.8	1.3	.3		.3											85	85	84	55
2/ 41		6.8	6.0	.9	.3													105	105	84	51
4 / 39	.1	6.5	4.0	1.5	.4	.5												98	98	108	77
3 / 37	.1	7.0	1.6	.4	.7													74	74	105	78
7 / 35	1.7	5.3	2.4	.3	.1													74	74	87	95
3 / 33	.9	3.1	.5	.3														36	36	81	106
2/ 31	.3	1.2	.9	.7	.5													27	27	42	85
0/ 29		.1	.5	.1														6	6	19	50
2 / 27	.1		.4	.1	.1													6	6	9	27
/ 25																				7	23
2 / 23																				8	9
2/ 21																				2	11
0/ 19																					2
1 / 17																					6
1 / 15																					8
1 / 13																					8
1 / 11																					7
0/ 9																					2
/ 7																					1
/ 5																					2
/ -1																					2
TOTAL	3.4	51.1	29.8	7.3	5.7	2.0	.7												754		754
																		754		754	

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.	4672556	58380	77.4	14.225	754							
Dry Bulb	1331482	31402	41.6	5.607	754		4.3					84
Wet Bulb	1154478	29212	38.7	5.493	754		9.7					84
Dew Point	949597	26127	34.7	7.667	754	.2	27.1					84

FORM AM 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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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
/ 59							.3											2	2		
/ 57							.1											1	1		
5 / 55		.1	.1															2	2		
4 / 53		.4																3	3	2	
2 / 51		.7	.9	.3	.4	.4												20	20	3	5
5 / 49		2.1	1.9	.4	.7	.1												39	39	12	4
/ 47		5.1	1.5	.3	.4													54	54	30	15
4 / 45		6.4	3.9	.7	.5	.1	.3											89	89	62	26
4 / 43		6.7	2.7	.9	.3													79	79	64	53
2 / 41		8.1	4.7	1.3	.1													107	108	85	39
4 / 39	.4	5.1	3.7	.7	.4	.4												80	80	103	74
3 / 37	1.1	7.6	2.0	.5														64	84	96	79
/ 35	1.1	6.9	2.4	.8	.7													89	89	95	85
3 / 33	1.7	2.5	1.6	.8	.1													51	51	94	102
2 / 31	1.2	1.6	.8	.3	.3													31	31	43	107
/ 29	.1	.5	.5	.5														13	13	28	48
/ 27			.3	.3														4	4	16	31
/ 25		.1	.3															3	3	6	21
/ 23																				11	11
2 / 21																				1	11
/ 19																					3
/ 17																					7
1 / 15																					5
/ 13																					8
1 / 11																					10
/ 9																					5
/ 7																					2
TOTAL	.6	53.9	27.2	7.7	3.9	1.1	.7											751	752		751
																		751		751	

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.	4824753	59307	79.0	13.723	751							
Dry Bulb	1275459	30675	40.8	5.675	752		5.7					84
Wet Bulb	1117199	28657	38.2	5.609	751		11.7					84
Dew Point	930899	25817	34.4	7.636	751		30.1					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

72793 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | FEB MONTH

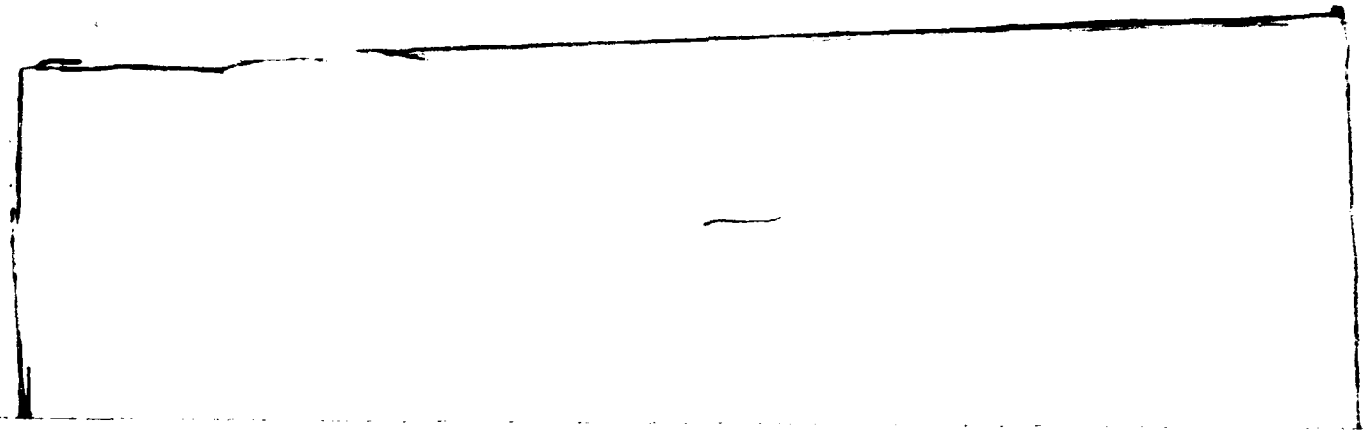
 0600-0800 HOURS (L. S. T.)

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				
- / 57					.3	.1	.3											5	5		
5+ / 55		.1																1	1		
4/ 53		.8	.5															10	10	3	
2/ 51		.3	.1	.4	.3													8	8	4	5
5 / 49		2.3	2.7	.1	.3													40	40	10	2
/ 47		4.4	1.5	.5	.1													49	49	33	16
4 / 45		5.0	3.6	.5	.1													69	69	54	19
4/ 43	.1	5.5	3.8	1.2	.1		.3											82	82	60	44
2/ 41	.1	8.9	4.9	1.2	.1													113	113	70	50
4 / 39	.5	7.5	3.9	.3	.5	.4												98	99	110	68
3 / 37	.5	6.2	1.3	.8														66	66	105	88
/ 35	1.3	5.8	1.2	.5	.1													67	67	85	85
3 / 33	3.1	4.6	1.5	.5	.7													77	77	90	109
2/ 31	1.8	1.8	.3	.1														29	29	50	104
/ 29	.5	.8	.5	.4														17	17	35	49
2 / 27		.1	.5	.4														8	8	11	26
/ 25		.1	.3															3	3	10	18
2 / 23																				9	7
2/ 21																				3	11
/ 19																					10
/ 17																					5
1 / 15																					2
/ 13																					6
1 / 11																					11
/ 9																					3
/ 7																					2
/ 5																					2
TOTAL	.1	54.3	26.7	7.1	2.7	.5	.5												743		742
																		742		742	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4843155	59161	79.7	13.047	742							
Dry Bulb	1240555	30053	41.4	5.601	743		6.4					84
Wet Bulb	1093754	28178	38.0	5.652	742		13.4					84
Dew Point	916284	25484	34.3	7.442	742		29.0					84

FORM AS 64 D-26-5 (OL A) REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
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PSYCHROMETRIC SUMMARY

7793 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 59			.1			.3												3	3		
[illegible] / 57			.1			.3	.4											6	6		
5 / 55		.1	.3	.4	.4			.1										10	10	1	
[illegible] / 53		.5	1.1	.1	.4	.4												19	19	2	1
[illegible] / 51		.7	1.6	.8	.7													28	28	8	3
5 / 49		2.5	3.6	1.9	.7	.1	.1	.1										68	69	21	8
[illegible] / 47		5.2	4.[illegible]	1.9	.7													88	88	47	13
4 / 45		4.7	4.4	2.5	.7	.3	.3											96	96	81	39
[illegible] / 43		4.1	8.7	1.5	.5	.1	.1											113	113	98	55
[illegible] / 41		3.1	6.4	.9	.3													80	80	92	60
[illegible] / 39	.5	4.7	3.6	1.1	.7	.1	.1											81	81	106	67
3 / 37	.5	5.5	2.5	.3	.1	.1												68	68	101	91
[illegible] / 35	1.1	3.3	1.1	.5	.4													48	48	89	115
3 / 33	.4	1.1	.5	.4	.4													21	21	46	110
[illegible] / 31	.8	.4	.3	.7	.3													18	18	24	78
[illegible] / [illegible]	.1		.3	.1														4	4	16	29
[illegible] / 27																				8	11
[illegible] / 25																				9	18
[illegible] / 23																				2	8
[illegible] / 21																					9
[illegible] / 19																					11
[illegible] / 17																					1
1 / 15																					7
[illegible] / 13																					4
1 / 11																					1
[illegible] / 9																					6
[illegible] / 7																					1
[illegible] / [illegible]																					1
[illegible] / 3																					3
[illegible] / 1																					1
TOTAL	3.5	35.8	38.5	13.0	6.1	1.7	1.1	.3											752		751
																		751		751	

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.	4389748	56416	75.1	14.190	751		2.5					84
Dry Bulb	1435745	32585	43.3	5.630	752		6.6					84
Wet Bulb	1220416	30008	40.0	5.338	751		21.1					84
Dew Point	987315	26641	35.5	7.479	751							

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

GL HAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

727[illegible]93	SEATTLE/TACOMA IAP, WA	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
67 / 65					.1														1	1		
[illegible] / 63						.1	.1		.4										5	5		
[illegible] / 61					.1		.1												2	2		
/ 59				.3		.1	.3												5	5		
/ 57			.1	.8	.7	.9													19	19	1	
5 / 55		.8	.7	1.1	1.8	1.8	.7	.1											51	51	1	
4/ 53		.1	1.8	2.0	1.5	.4													43	43	13	3
2/ [illegible]		.7	4.6	2.7	2.2	.4		.3											80	80	17	4
5 / 49		2.0	3.5	2.8	1.6	.4	.4												90	81	46	8
/ 47		3.0	3.2	4.3	1.9	.9	.4												102	102	93	30
4 / 45		3.5	6.1	4.3	.8	.5	.1												114	115	87	52
4/ 43		.9	6.9	3.0	.7	.3	.3												89	90	101	50
2/ 41		2.6	2.8	1.3	.9	.4	.3												62	62	108	64
4 / 39	.1	3.1	2.2	.5	.5														48	48	116	64
3 / 37	.8	1.6	.1	.1	.1	.3													23	23	81	108
/ 35			.1	.4		.1													5	5	35	109
3 / 33	.1	.4	.4	.1	.1														9	9	15	85
2/ 31	.1		.1	.1															3	3	14	66
/ [illegible]																					6	21
/ 27																					4	14
/ 25																					3	13
2 / 23																						7
2/ 21																						10
/ 19																						12
1 / 17																						8
1 / 15																						2
/ 13																						2
1 / 11																						1
/ [illegible]																						2
/ 7																						1
/ 5																						4
/ 3																						1
TOTAL	1.2	18.8	32.7	24.0	13.1	6.7	2.7	.4	.4										741	744	741	741

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.	3597445	50371	68.0	15.306	741							
Dry Bulb	1676405	35065	47.1	5.657	744		.3					84
Wet Bulb	1347912	31380	42.3	5.071	741		3.1					84
Dew Point	1022923	26973	36.4	7.451	741		18.6					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

[redacted] STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | FEB 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							
[illegible] / 67												.1						1	1		
6 / 65							.1					.1						3	3		
4 / 63						.1	.1	.1			.1							4	4		
2 / 61							.1											1	1		
/ 59				.5	.1	.3												7	7		
/ 57				.5	.4	.7	.3											14	14		
5 / 55		.5	.4	.8	2.3	1.2	.5											43	43		
4 / 53		.4	2.4	1.3	2.3	.5	.1											51	51	14	1
7 / 51		1.6	3.6	1.5	2.9	.7	.1	.4										81	81	14	4
5 / 49		3.8	2.5	3.6	1.9	.5	.1	.1										94	94	49	8
5 / 47		1.7	3.1	4.3	2.1	.7	.1											90	90	90	45
4 / 45		2.9	6.7	4.6	.7	.3												113	113	84	41
4 / 43		2.9	5.9	2.4	.7	.9	.3											98	98	102	39
2 / 41		2.5	5.2	1.2	.8	.4	.3											78	78	126	65
4 / 39	.1	1.1	1.2	.4	.8	.4	.3											32	32	118	72
3 / 37	.3	1.1	.5		.1	.1												16	16	66	95
3 / 35	.5	.5		.4														11	11	35	119
3 / 33		.5		.1														5	5	17	90
2 / 31		.3	.1	.1														4	4	18	58
/ 29																				9	32
2 / 27																				3	8
/ 25																				1	14
2 / 23																					6
2 / 21																					5
/ 19																					16
/ 17																					9
1 / 15																					3
/ 13																					6
/ 11																					4
/ 9																					2
/ 7																					1
/ 5																					1
/ 3																					2
/ 1																					

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

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

L. AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
T[illegible]	.92[illegible]	.031	.821	.814	.9	6.8	2.7	.7			.1	.3											746	746	746
																						746		746	

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.	3583[illegible]04	5[illegible]306	67.4	15.997	746							
Dry Bulb	1683131	35191	47.2	5.565	746		.5	.1				84
Wet Bulb	1353626	31558	42.3	5.001	746		3.5					84
Dew Point	1018892	26950	36.1	7.797	746		18.8					84

FORM AF 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

7 [illegible] 3 | SEATTLE/TACOMA IAP, WA | 73-81 | FEB
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 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] / -9						.7				.3								4	4		
[illegible] / 57						.3												2	2		
5 / 55			.3	.1		.4												6	6		
[illegible] / 53		.3	.5	.8	.7	.7												22	22		
[illegible] / 51		1.3	3.4	.9	1.6	.5												58	58	5	
5 / [illegible]		3.6	4.2	1.1	1.2	.8	.1											82	82	22	6
[illegible] / 47		3.2	3.[illegible]	2.1	.8		.1											69	69	69	25
[illegible] / 45		4.[illegible]	5.9	2.3	.1		.3											94	94	74	46
4/ 43		5.[illegible]	7.1	1.2	.4	.5												106	107	81	43
[illegible] / 41		3.5	6.8	1.3	1.5	.1												99	99	118	61
[illegible] / [illegible]	.1	3.5	6.6	.5	.5	.1												85	85	104	62
[illegible] / 37	.7	4.7	1.2	1.2	.5	.3												64	64	98	91
[illegible] / 35	.5	2.[illegible]	.5	.5	.7	.1												33	33	83	99
3 / 33	.4	.8	.3		.3	.1												14	14	42	98
[illegible] / 31		.1	.1	.1														3	3	24	98
[illegible] / [illegible]			.5															4	4	9	35
[illegible] / [illegible]																				9	7
[illegible] / 25																				7	12
[illegible] / 23																					7
2/ 21																					9
[illegible] / [illegible]																					19
[illegible] / 17																					4
1 / 15																					4
[illegible] / 13																					6
1 / 11																					5
[illegible] / [illegible]																					3
[illegible] / [illegible]																					2
[illegible] / [illegible]																					1
[illegible] / [illegible]																					1
[illegible] / -1																					1
TOTAL	1.7	32.1	40.4	12.3	8.3	4.3	.5			.3									746		745
																		745		745	

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.	4132253	54353	73.0	14.974	745							
Dry Bulb	1465838	32828	44.0	5.338	746		.8					84
Wet Bulb	1227282	29998	40.3	5.105	745		5.5					84
Dew Point	971438	26294	35.3	7.639	745	.1	24.1					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

7 [illegible] 3 | SEATTLE/TACOMA IAP, WA | 73-81 | FEB
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 60										.1								1	1		
/ 57						.4												3	3		
5 / 55		.4			.1	.1												5	5		
4 / 53		.4	.4	.4		.1												10	10	3	2
4 / 51		.8	1.2	.7	2.[illegible]	.5												39	39	5	1
5 / 49		3.4	3.4	.5	.5	.4												61	61	9	6
[illegible] / 47		5.[illegible]	2.7	1.1	1.3													75	75	58	21
4 / 45		5.4	4.2	.9	1.2	.1	.4											91	91	67	34
4 / 43		6.8	5.4	.5	.4													98	98	84	48
4 / 41		4.6	7.2	1.1	1.6													108	108	120	62
4 / [illegible]	.1	4.7	5.2	.7	.3	.4												85	85	95	66
3 / 37	.8	6.8	2.7	.3	.4													82	82	117	73
/ 35	.4	3.4	1.2	.5	.3													43	44	87	92
3 / 33	.9	1.6	.5	.4		.1												27	27	65	126
2 / 31	.1	.1	.5	.7	.4	.1												15	15	23	71
/ [illegible]	.1	.1	.1															3	3	14	51
[illegible] / 27																				10	23
/ 25																				5	14
2 / 23																				4	10
2 / 21																					17
/ [illegible]																					3
/ 17																					3
1 / 15																					0
/ 13																					2
1 / 11																					6
/ [illegible]																					1
/ 7																					2
/ -1																					1
TOTAL	2.[illegible]	43.4	34.7	7.8	8.6	2.4	.4			.1									747		746
																		746		746	

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.	44148[illegible]2	56320	75.5	14.325	746							
Dry Bulb	1389889	31973	42.8	5.354	747		2.0					84
Wet Bulb	1187030	29502	39.5	5.222	746		6.3					84
Dew Point	961139	26187	35.1	7.499	746	.3	24.2					84

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]793 | SEATTLE/TACOMA IAP, WA | 73-81 | FEB
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
6[illegible] / 67												.0						1	1		
[illegible]6 / 65					.0		.0					.0						4	4		
4[illegible] / 63						.0	.0	.0	.1		.0							9	9		
[illegible] / 61					.0		.0											3	3		
[illegible] / 59			.0	.1	.0	.1	.1			.1								22	22		
[illegible] / 57			.0	.2	.2	.4	.1											53	53	1	
5 / 55		.3	.2	.3	.6	.5	.2	.0										121	121	2	
4[illegible] / 53		.5	.9	.6	.6	.3	.0											169	169	41	9
2[illegible] / 51		.8	2.0	1.0	1.3	.4	.1	.1										336	336	60	25
5 / 4[illegible]		2.8	3.0	1.4	1.0	.4	.1	.0										519	521	176	47
[illegible] / 47		3.9	2.6	1.8	1.0	.2	.1											574	574	461	178
4 / 45	.1	4.9	4.9	2.0	.6	.2	.2											768	769	571	283
4[illegible] / 43	.1	4.7	5.5	1.5	.4	.2	.2											750	752	674	387
2[illegible] / 41	.1	5.0	5.5	1.2	.7	.1	.1											752	753	783	452
4 / 39	.3	4.5	3.8	.7	.5	.3	.1											607	608	860	550
3 / 37	.6	5.1	1.5	.5	.3	.1												477	477	769	703
[illegible] / 35	.8	3.4	1.1	.5	.3	.0												370	371	596	799
3 / 33	1.[illegible]	1.8	.7	.3	.2	.0												240	240	450	826
[illegible] / 31	.5	.7	.4	.4	.2	.0												130	130	238	667
[illegible] / [illegible]	.1	.2	.3	.2														47	47	136	315
[illegible] / [illegible]	.[illegible]	.0	.2	.1	.[illegible]													18	18	70	147
[illegible] / 25		.0	.1															6	6	48	133
[illegible] / 23																				34	65
2[illegible] / 21																				6	83
[illegible] / 19																					76
[illegible] / 17																					43
1 / 15																					40
[illegible] / 13																					42
1 / 11																					41
[illegible] / [illegible]																					26
[illegible] / [illegible]																					13
[illegible] / [illegible]																					8
[illegible] / [illegible]																					8
[illegible] / 1																					4

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-61 YEARS | FEB 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
/ -																					6
TOTAL	3.4	3.8	8.7	32.7	12.6	7.9	3.2	1.2	.2	.1	.1	.0	.0					5976	5984	5976	5976

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.	34447026	444614	74.4	15.130	5976							
Dry Bulb	11498504	259772	43.4	6.085	5984		22.6	.1				672
Wet Bulb	9701593	238493	39.9	5.545	5976		59.8					672
Dew Point	7758187	210473	35.2	7.603	5976	.7	193.1					672

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | MAR 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
5 / 55			.1		.2		.1	.2										6	6		
4/ 53		.1	.2	.1	.1		.4	.2										10	10		
2/ 51		1.0	1.8	.4		.1		.1										2[illegible]	28	2	
5 / [illegible]		1.0	2.9	.7	1.2	.1	.2											51	51	11	5
[illegible] / 47		3.5	3.4	1.1	.6	.1												72	72	33	11
4 / 45	.2	4.7	6.2	1.5	.7	.6												115	115	76	28
4/ 43		5.1	8.7	1.0	.6	.1												128	128	73	45
[illegible]/ 41	.4	5.8	9.1	1.8	.4													144	144	123	62
4 / [illegible]	.5	6.2	7.[illegible]	.5	.1	.4												121	121	171	90
3 / 37	1.2	4.9	1.9	.4														69	69	142	111
[illegible] / 35	1.1	2.8	1.2	.4														45	45	102	132
3 / 33	.4	1.2	.6															18	18	52	98
[illegible]/ 31	.2	.7	.1															9	9	18	122
[illegible] / [illegible]		.6	.2															7	7	14	36
[illegible] / 27		.1																1	1	6	21
/ 25																				1	26
2 / 23																					12
2/ 21																					15
/ [illegible]																					7
1 / 11																					3
TOTAL	4.0	37.7	43.7	7.8	4.0	1.5	.7	.6										824		824	824
																		824		824	

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.	4983204	63166	76.7	12.951	824							
Dry Bulb	1515[illegible]2	35114	42.6	4.824	824		1.9					93
Wet Bulb	1311701	32553	39.5	4.362	824		4.4					93
Dew Point	1060694	29172	35.4	5.825	824		27.3					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]93 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55					.1													1	1		
4 / 53		.1	.4				.2											6	6		
4 / 51		1.2	1.3		.1	.2												22	22	1	
5 / 49		.6	1.7	.8	.1	.2	.4											32	32	12	4
4 / 47		4.1	2.4	.4	1.2	.1												66	67	21	11
4 / 45	.1	4.8	4.2	1.1	.1													85	85	67	2
4 / 43	.2	6.2	7.1	1.9	.4													131	131	68	42
2 / 41	.1	7.2	6.3	1.7	.4													130	130	111	58
4 / 39	.6	8.8	6.9	.6	.4	.2												145	145	143	88
3 / 37	1.6	7.0	2.3	.4	.1													94	94	174	121
2 / 35	1.1	3.7	.7	.1														47	47	102	121
3 / 33	1.2	2.7	1.3															41	41	56	115
2 / 31	.5	.7	.4															13	13	44	109
2 / 29		1.0																8	8	14	52
2 / 27		.8																7	7	9	30
/ 25																				6	19
2 / 23																					13
2 / 21																					12
/ 19																					3
/ 17																					3
1 / 11																					3
TOTAL	5.2	48.8	35.0	6.9	2.7	.8	.6												829		828
																		828		828	

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.	5318549	65621	79.3	11.941	828							
Dry Bulb	1445499	34381	41.5	4.868	829		3.1					93
Wet Bulb	1263733	32131	38.8	4.517	828		8.2					93
Dew Point	1054656	29168	35.2	5.730	828		27.4					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

7 793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | MAR 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
5 / 55			.2															2	2		
4 / 53		.2	.2															4	4		
2 / 51		.6	1.0	.2		.1	.1											17	17	4	
5 / 49		1.0	1.0	.4	.2	.2												23	23	9	6
/ 47		4.6	2.3	1.1	.7	.2												74	74	19	9
6 / 45		4.6	4.7	1.1	.2													88	88	58	30
4 / 43	.1	5.2	8.3	.7	.1													120	120	71	25
2 / 41	.4	7.1	6.1	1.7	.2													129	129	109	72
4 / 39	.5	9.5	7.2	.1	.1	.1												146	146	148	68
3 / 37	1.0	8.8	1.8	.4	.2	.1												102	102	171	121
/ 35	1.1	5.2	1.5	.4														63	63	113	151
3 / 33	.8	1.8	1.1															31	31	57	114
2 / 31	1.2	.6	.2															17	17	42	103
/ 29		.4	.5															7	7	15	54
1 / 27		.7																6	6	7	29
/ 25	.1																	1	1	7	14
1 / 23																					18
2 / 21																					7
/ 19																					4
/ 17																					2
1 / 15																					1
1 / 11																					2
T 830	.25	.23	5.7	6.0	1.9	.8	.1												830		830
																		830		830	

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.	5396 70	66284	79.9	11.126	830							
Dry Bulb	1431762	34247	41.3	4.827	830		3.5					93
Wet Bulb	1260572	32128	38.7	4.521	830		8.0					93
Dew Point	1059051	29285	35.3	5.577	830		26.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-61 — YEARS
MAR — 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
/ 59			.1				.4	.1										5	5		
/ 57			.2	.2	.2	.2	.2											10	10	1	
5 / 55		.1	.2	.5	.2	.7	.5											19	19		
/ 53		.4	1.1	1.1	1.1	.4	.1											34	34	4	1
/ 51		1.1	2.9	2.4	1.8	1.0	.1											77	77	7	4
5 / 4		.7	3.9	3.0	.9	.4												73	73	31	6
/ 47		2.2	4.9	3.9	1.7	.2	.2											108	108	55	20
6 / 45		3.0	8.9	4.7	.6	.1	.2											145	145	99	24
4 / 43	.4	4.6	9.1	3.6	.4	.2												151	151	118	45
2 / 41	.2	3.6	5.7	1.2	.4	.2												94	94	179	70
4 / 39	.4	3.9	1.9	.9														58	58	149	103
3 / 37	.6	1.6	.5	.1														23	23	105	159
/ 35	.5	.7	.6	.4														18	18	38	130
3 / 33	.1	.1	.1															3	3	24	98
/ 31	.1	.1	.4															5	5	6	79
/ 29																				4	29
2 / 27																				3	21
/ 25																					9
/ 23																					9
2 / 21																					6
/ 19																					3
/ 17																					1
1 / 15																					4
/ 13																					2
TOTAL	.3	22.2	47.6	22.1	7.3	3.5	1.8	.1										823		823	823

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.	4368917	58935	71.6	13.444	823							
Dry Bulb	1732787	37549	45.6	4.887	823		.6					93
Wet Bulb	1434785	34193	41.5	4.153	823		1.5					93
Dew Point	1122361	30041	36.5	5.603	823		18.4					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

727937 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | MAR 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
6 / 67									.1	.2								3	3		
6/ 65									.4	.1								4	4		
4/ 63				.1			.2	.7	.1									10	10		
/ 61			.1	.2		.2	.6	.6										15	15		
/ 59			.1	.1	.7	.6	1.1	.5	.1									27	27		
/ 57			.4	.7	1.8	1.3	.9	.7	.1									49	49	2	
5 / 55		.1	.9	1.0	1.5	2.6	.5											53	54	3	
4/ 53		.1	1.1	2.7	2.3	2.2	.9	.2										75	75	11	3
/ 51		.1	2.3	2.9	3.2	1.6	.6	.1										89	89	27	2
5 / 49		.9	4.0	3.7	3.3	1.1	.1	.1										108	110	68	9
/ 47		1.2	6.1	5.8	2.7	.4	.4											135	137	90	24
4 / 45		2.7	4.3	5.4	1.3	.2	.2											113	113	127	33
4/ 43	.1	2.7	4.9	1.8	.6													83	83	153	48
/ 41	.2	1.1	1.2	.7	.2													29	29	165	87
4 / 39	.4	.2	1.1	.2														16	16	99	104
3 / 37		.4		.2														5	5	44	127
/ 35																				19	106
3 / 33			.1	.1														2	2	4	93
2/ 31																				2	85
/ 29																				2	38
2 / 27																					21
/ 25																					8
2 / 23																					8
2/ 21																					8
/ 19																					5
1 / 17																					4
1 / 15																					2
/ 13																					1
TOTAL	.7	16.6	26.7	25.9	17.0	10.3	5.5	3.1	.9	.4									821		816
																		816		816	

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.	3400374	51172	62.7	15.322	816							
Dry Bulb	2356520	40836	49.7	5.562	821			.3				93
Wet Bulb	1574070	35683	43.7	4.136	816		.5					93
Dew Point	1127684	29942	36.7	5.965	816		20.5					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

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — 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
/ 69										.1	.2							3	3		
6 / 67									.1	.5	.2							7	7		
67 65										.2								2	2		
4/ 63				.2		.1	.4	.5	.5									14	14		
2/ 61			.1		.4	.5	.5	.5	.2									18	18		
/ 59				.4	1.3	.5	1.0	.4	.1									27	27		
/ 57				.6	1.6	1.9	1.5	.4	.1									50	50	3	
5 / 55		.4	1.2	.7	1.1	2.2	1.9	.6	.1									68	68		1
4/ 53			.9	1.5	1.9	1.9	1.3	.4										65	65	17	2
2/ 51		.4	3.0	2.3	3.6	1.9	1.1	.1										103	103	32	4
5 / 49		1.1	3.5	4.1	4.9	1.1	.5	.2										127	127	62	11
/ 47		1.9	3.5	4.4	2.1	.5	.2	.1										105	105	98	22
4 / 45		2.2	3.9	4.1	1.2	.7	.2											102	102	127	39
4/ 43		1.7	2.9	2.4	.4	.1												62	62	142	43
2/ 41	.2	2.2	1.0	1.1	.1													38	38	154	68
4 / 39		.6	1.6	.6														23	23	103	100
3 / 37		.1		.2														3	3	44	100
/ 35			.2	.2														4	4	29	94
3 / 33				.1														1	1	6	103
2/ 31																				2	98
/ 29																				3	51
/ 27																					21
/ 25																					27
2 / 23																					12
2/ 21																					8
/ 19																					8
1 / 17																					4
1 / 15																					4
1 / 11																					2
TOTAL	.2	10.6	21.9	23.1	18.2	11.6	8.6	3.2	1.2	.9	.5								822		822
																		822		822	

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.	3219801	49593	60.3	16.656	822							
Dry Bulb	2100806	41268	50.2	5.940	822			1.1				93
Wet Bulb	1584325	35911	43.7	4.341	822		.6					93
Dew Point	1394797	29509	35.9	6.571	822		26.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 (STATION) | SEATTLE/TACOMA IAP,WA (STATION NAME) | 73-81 (YEARS) | MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
67 / 65											.1								1	1		
63 / 61									.4	.2	.1								6	6		
61 / 59					.2	.1	.2	.2	.1										8	8		
59 / 57			.2	.2	.1	.2	.2	.2											11	11		
57 / 55		.2	.4	1.1	.2	.7	.7	.1											29	29		
55 / 53		.1	.9	1.2	1.7	1.5	1.3		.1										53	53	5	
53 / 51		.6	2.3	2.7	2.1	1.0	.6												76	76	9	4
51 / 49		.7	4.1	2.6	1.7	.7	.6												86	86	26	4
49 / 47		2.8	3.8	4.3	2.7	1.3													122	122	64	12
47 / 45		2.9	7.6	4.3	1.1	.6	.2												137	137	113	32
45 / 43		1.5	6.8	3.2	.7	.4													103	103	108	57
43 / 41		4.1	4.1	1.3	.4	.6													87	87	161	57
41 / 39	.6	2.4	2.6	1.2		.2													58	58	157	95
39 / 37		2.1	.7	.4															26	26	84	117
37 / 35		.4	.6																8	8	49	103
33 / 33			.2																2	2	23	102
33 / 31		.4	.5																7	7	12	86
31 / 29																					7	41
29 / 27																					2	29
27 / 25																						33
25 / 23																						16
23 / 21																						13
21 / 19																						8
19 / 17																						1
17 / 15																						7
15 / 13																						3
TOTAL	.6	18.3	34.9	22.4	11.0	7.4	3.7	1.0	.5	.1	.1								820		820	
																			820		820	

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.	3885749	54979	67.0	15.609	820							
Dry Bulb	1796454	38136	46.5	5.282	820		.8					93
Wet Bulb	1433558	34102	41.6	4.331	820		2.4					93
Dew Point	1060261	29105	35.4	6.471	820		26.9					93

FORM AA 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

7[illegible]93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 59									.2									2	2		
/ 57							.1	.1										2	2		
5 / 55				.1		.2		.4										6	6		
4 / 53			.5	.6	.4	.1	.6											18	18		
2 / 51		1.1	1.7	1.5	.7	1.3	.2											54	54		
5 / 49		2.3	4.2	1.5	.5	.4	.4											76	76	18	4
/ 47		3.0	3.6	1.8	.6	.4												78	78	42	12
4 / 45	.1	4.1	7.4	4.6	1.3	.8												152	152	86	37
4 / 43		3.4	9.8	3.3	.2	.1												139	139	99	38
2 / 41	.1	5.6	6.3	1.8	.2													116	116	155	73
4 / 39	.7	4.2	4.4	1.1	.5	.5												94	94	165	94
3 / 37	.6	3.3	1.7	.4														49	49	132	109
/ 35	.4	1.1	1.1	.1														22	22	62	142
3 / 33		.4	.2															5	5	35	103
2 / 31	.1	.5	.5															9	9	15	77
/ 29		.2	.2															4	4	11	51
/ 27																				6	20
/ 25																					22
2 / 23																					16
2 / 21																					12
/ 19																					10
/ 17																					2
1 / 15																					1
1 / 11																					3
TOTAL	.1	29.2	41.6	16.7	4.5	3.9	1.3	.5	.2									826	826	826	826

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.	4571566	60351	73.1	14.022	826							
Dry Bulb	1627681	36455	44.1	8.769	826		1.5					93
Wet Bulb	1360712	33342	40.4	6.241	826		3.6					93
Dew Point	1073229	29353	35.5	6.043	826		24.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
MAR — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 69										.0	.0							3	3		
6 / 67									.0	.1	.0							10	10		
67 65									.0	.0	.0							7	7		
4/ 63				.0		.0	.1	.2	.1									24	24		
/ 61			.0	.0	.0	.1	.1	.2	.1	.0								39	39		
/ 59			.0	.1	.2	.2	.3	.2	.1									69	69		
/ 57			.1	.2	.5	.5	.4	.2	.0									122	122	6	
5 / 55		.1	.4	.4	.4	.8	.5	.2	.0									184	185	3	1
47 53		.1	.7	.9	.9	.8	.6	.1	.0									265	265	37	6
2/ 51		.7	2.0	1.5	1.4	.9	.3	.0										466	466	82	14
5 / 49		1.0	3.2	2.1	1.6	.5	.3	.0										576	578	237	49
/ 47		2.9	3.7	2.8	1.5	.4	.1	.0										760	763	422	121
4 / 45	.1	3.6	5.9	3.3	.8	.4	.1											937	937	753	247
4/ 43	.1	3.8	7.2	2.2	.4	.1												917	917	832	343
2/ 41	.2	4.6	5.0	1.4	.3	.1												767	767	1157	547
/ 39	.5	4.5	4.1	.7	.1	.2												661	661	1135	742
3 / 37	.6	3.5	1.1	.3	.1	.1												371	371	896	965
/ 35	.5	1.7	.7	.2														207	207	514	979
3 / 33	.3	.8	.5	.0														103	103	257	926
2/ 31	.3	.4	.3															60	60	141	759
/ 29		.3	.1															26	26	70	352
/ 27		.2																14	14	33	192
/ 25	.1																	1	1	14	158
/ 23																					104
27 21																					81
/ 19																					48
/ 17																					17
1 / 15																					19
/ 13																					6
1 / 11																					13
TOTAL	2.5	28.4	35.0	16.3	8.3	5.0	2.8	1.0	.3	.2	.1								6595		6589
																		6589		6589	

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.	36141220	4701300	71.3	15.591	6589							
Dry Bulb	13717311	2979979	45.2	6.278	6595		11.4	1.5				744
Wet Bulb	11213486	2700449	41.0	4.713	6589		29.1					744
Dew Point	8652733	2354754	35.7	6.303	6589		197.5					744

FORM AS 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

7[illegible]3 | SEATTLE/TACOMA IAP,WA | 73-81 | APR
STATION | STATION NAME | YEARS | 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
[illegible] / 67										.4								3	3		
/ 65					.1		.5	.1										6	6		
/ 59				.1		.1		.1										3	3		
/ 57			.1	.5	.4	.1	.1	.3										12	12		
5 / 55		.1	.4	.8	.3	.4		.1										16	16		
[illegible] / 53		1.6	1.[illegible]	1.0	.3	.3												33	33	7	
/ 51		1.5	2.4	1.1	.9	.1												48	48	24	8
5 / 49		1.1	4.[illegible]	2.3	.3	.1	.1											62	62	37	19
/ 47	.1	4.7	5.9	3.7	.9	.3												123	123	41	18
4 / 45	.1	5.2	8.7	3.4	.3													140	141	103	45
4 / 43		6.8	8.6	1.1	.1													132	132	139	52
[illegible] / 41		5.7	5.[illegible]	.3														87	87	159	74
4 / [illegible]	.3	5.8	2.6	.4														72	72	132	133
3 / 37	.1	2.5	1.5															33	35	88	147
[illegible] / 35	.3	1.8	.1															17	17	40	123
3 / 33	.1	.4																4	4	20	95
[illegible] / 31	.3																	2	2	3	42
[illegible] / [illegible]																					21
[illegible] / [illegible]																					9
[illegible] / 25																					4
[illegible] / 23																					2
[illegible] / 1[illegible]																					1
TOTAL	1.3	37.1	40.5	14.6	3.4	1.4	.8	.6		.4									796		793
																		793		793	

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.	4734864	60528	76.3	12.044	793							
Dry Bulb	1670168	36228	45.5	5.181	796		.2	.3				90
Wet Bulb	1423026	33426	42.2	4.216	793		.3					90
Dew Point	1174599	30267	38.2	4.946	793		9.0					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] | SEATTLE/TACOMA IAP, WA | 73-81 | APR
STATION | STATION NAME | YEARS | 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
67 / 65									.4									3	3		
/ 59								.3	.1									3	3		
/ 57			.1			.1												2	2		
5 / 55		.1	.1	.3	.3	.3	.1	.3										11	11		
47 / 53		1.5	.6	1.3	.3													29	29	3	
/ 51		1.8	2.3		.3													34	34	15	5
/ [illegible]		1.3	3.2	.4														38	38	32	19
/ 47		4.7	4.2	.6														75	75	43	14
4 / 45	.1	7.1	9.[illegible]	1.8	.1													143	143	85	35
47 / 43		9.11	.5	.3														157	157	93	65
/ 41		8.1	5.3	.6														111	111	180	77
4 / [illegible]	.4	8.1	4.[illegible]															99	99	137	113
3 / [illegible]		4.5	1.1															45	45	107	169
/ 35	.5	2.[illegible]	.8															26	26	54	121
3 / 33	.6	.9																12	12	34	85
/ 31	.1	.4																4	4	9	52
/ [illegible]																					23
/ 27																					9
/ 25																					5
TOTAL	1.-49.5	41.2	5.2	.9	.4	.1	.5	.5											792		792
																		792		792	

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.	5156313	63427	8[illegible].1	9.853	792							
Dry Bulb	1551336	34936	44.[illegible]	4.918	792		.5					90
Wet Bulb	1364069	32697	41.3	4.237	792		1.[illegible]					90
Dew Point	1163839	30127	38.[illegible]	4.748	792		10.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] SEATTLE/TACOMA IAP, WA 73-61 APR
STATION STATION NAME YEARS MONTH

 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/ 65							.1												1	1		
67/ 63							.2		.1										3	3		
65/ 61							.1												1	1		
63/ 59					.1	.3	.1	.1	.3										7	7		
61/ 57				.6		.1	.1	.1											8	8		
59/ 55		.1	1.1	.6	.3	.1													18	18		
57/ 53		2.2	1.9	1.1	.4														36	36	10	
55/ 51		1.1	2.3	.3	.6	.1													34	34	30	10
53/ 49		1.2	3.6	.6	.1	.1													44	44	25	16
51/ 47		4.1	5.5	2.9	.1														101	101	48	17
49/ 45	.4	7.4	7.9	3.3															149	149	86	40
47/ 43	.1	8.5	8.5	.6															142	142	129	61
45/ 41	.3	8.4	5.6	.3															116	116	177	101
43/ 39	.3	6.5	2.8	.1															77	77	139	124
41/ 37	.3	2.6	1.3	.1															34	34	89	154
39/ 35	.6	1.5	.1																18	18	37	127
37/ 33	.2	.4																	5	5	22	76
35/ 31		.4																	3	3	5	42
33/ 29																						19
31/ 27																						8
29/ 25																						2
TOTAL	2.1	44.0	39.8	10.3	1.6	.8	.8	.3	.4											797		797
																			797		797	

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.	5009093	62635	78.6	10.437	797							
Dry Bulb	1632312	35847	45.0	5.092	797		.3					90
Wet Bulb	1419913	33469	42.1	4.257	797		.6					90
Dew Point	1197647	30669	38.5	4.687	797		8.0					90

USAFETAC FORM AWS 8-4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7 3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
APR — MONTH
PAGE 1
0900-1100 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
7 / 77										.1								1	1		
/ 75											.1							1	1		
/ 73											.1							1	1		
/ 71							.1											1	1		
/ 69								.1	.1	.4								5	5		
/ 67					.1	.1		.1		.1								4	4		
67 65				.4	.1	.5	.1	.1	.1	.2								13	13		
4/ 63					.6	.2	.4											10	10		
/ 61			.1	.5	.7	.6	.2											18	18	1	
/ 59			.2	.9	.6	.1	.1											16	16	5	
/ 57		.1	.4	1.2	1.9	.7	.6		.1									41	41	5	1
5 / 55		.5	.9	1.6	2.5	.9	.1											52	52	18	2
/ 53		.5	.6	3.6	3.7	.4	.1											66	66	31	9
/ 51		.1	3.5	5.2	3.5	.2												101	101	36	10
5 / 49		.4	4.2	8.2	7.1	.1												121	121	44	21
/ 47	.1	3.1	5.8	6.6	.5													130	130	104	30
4 / 45		3.7	6.7	2.9														101	101	156	40
4/ 43		3.7	5.1	.7	.1													78	78	178	66
2/ 41		1.9	1.4	.4														29	29	147	125
4 / 39		.9	.1															8	8	51	144
3 / 37	.1	.2	.1															4	4	21	150
/ 35	.2	.1																3	3	6	121
3 / 33																				1	50
2/ 31																					24
/ 29																					2
2 / 27																					7
/ 25																					1
2/ 21																					1
TAL	.5	14.6	29.2	32.2	15.8	4.0	1.9	.4	.4	.9	.2								804		804
																		804		804	

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.	3563343	54763	68.1	12.882	804			1.5	.3			90
Dry Bulb	2355611	41366	50.2	6.007	804							90
Wet Bulb	1653696	36264	45.1	4.326	804							90
Dew Point	1276436	31804	39.6	4.781	804		3.9					90

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

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

PSYCHROMETRIC SUMMARY

7 ...3 | SEATTLE/TACOMA IAP,WA | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31					
... / 79											.1							1	1		
7 / 77										.1		.4						4	4		
... / 75								.1		.1								2	2		
... / 73							.1		.1	.5	.3	.1						9	9		
... / 71						.1	.4	.1										5	5		
... / 69					.3	.5	.9	.5	.1	.1	.1							20	20		
... / 67					.3	1.0	.9	.1	.4	.1								22	22		
... / 65					.1	1.1	.4	.3	.1									16	16		
... / 63					.5	.6	1.1	.3	.3									22	22		
... / 61					1.1	1.3	2.4	.6	.1									44	44	8	
... / 59				.5	2.5	3.3	1.3	.5	.1									65	65	11	
... / 57			.9	.4	3.3	2.0	1.5	.1	.1									64	64	26	
5 / 55		.6	.4	1.3	5.1	3.0	.8	.1										87	87	30	5
... / 53			1.3	2.5	6.1	2.0	.3											94	94	44	5
... / 51		.4	1.5	5.3	5.9	.9												111	111	54	21
5 / ...		.4	2.8	5.7	3.2	.4												98	98	99	23
... / 47	1.4	3.3	2.4	.8														60	60	120	30
... / 45	1.0	2.1	.8	.1														32	32	170	54
... / 43	1.3	1.3	.1															17	17	130	59
... / 41	.4	.1	.6															9	9	69	97
... / 39	.1	.8	.1															8	8	21	159
3 / 37		.1																1	1	9	131
... / 35																				1	89
3 / 33																					57
... / 31																					46
... / 29																					10
... / 27																					2
... / 25																					1
... / 23																					3
TOTAL	.5	5.8	13.5	18.7	28.9	16.3	10.3	2.8	1.4	1.0	.5	.6							792		792	
																		792		792	

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.	2656221	46245	58.4	14.042	792							
Dry Bulb	2417244	43390	54.8	7.121	792			7.3	1.9	.2		90
Wet Bulb	1793148	37498	47.3	4.740	792							90
Dew Point	1265406	31382	39.6	5.266	792		7.0					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

7 723 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
APR — MONTH

1500-1700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8/ 85													.1					1	1		
4/ 83													.3					2	2		
/ 79												.4						3	3		
7 / 77									.1									1	1		
8/ 75								.3	.3	.1	.3		.1					8	8		
4/ 73							.1	.3	.1	.3	.3	.1						9	9		
/ 71						.1	.3	.4	.6									11	11		
/ 69						.3	.8	.9		.5								19	19		
/ 67						.3	1.0	.1	.6	.3								18	18		
8/ 65					.4	.9	.3	.6	1.0	.1								26	26		
4/ 63						1.0	2.8	2.1	.4	.1								51	51		
/ 61				.1	1.1	1.6	1.9	1.5	.6									55	55	9	
/ 59				.3	.9	2.5	1.6	1.5	.4									53	53	11	
/ 57		.3	1.3	.6	1.5	2.3	2.3	.4										65	65	26	
5/ 55		.3	.6	1.8	2.6	4.9	1.5											89	89	28	
/ 53		.5	.5	1.1	3.6	2.8	.8											74	74	49	5
2/ 51		.8	2.8	3.9	5.3	2.1	.4											121	121	70	18
5/ 49		.4	2.5	3.3	2.6	.1												71	71	105	22
/ 47		1.1	3.3	1.9	.6													55	55	101	38
4/ 45		1.9	1.4	1.4														37	37	186	54
47 43	.1	.5	.9															12	12	118	51
2/ 41	.4	.1	1.1															13	13	64	100
4/ 39	.1	.3	.1															4	4	22	114
3 / 37																				9	119
/ 35																					91
3 / 33																					79
2/ 31																					67
/ 29																					21
/ 27																					10
/ 25																					8
27 21																					1
TOTAL	.5	6.0	14.2	14.2	18.7	18.8	13.0	7.5	4.1	1.4	.5	.5	.5						798		798
																		798		798	

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.	2647290	44142	55.3	16.059	798							
Dry Bulb	2531569	44537	55.8	7.591	798			8.1	2.7	.3		90
Wet Bulb	1819866	37922	47.5	4.721	798							90
Dew Point	1228379	30983	38.8	5.650	798		12.1					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
APR — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81													.1					1	1		
/ 79												.1						1	1		
7 / 77												.1						1	1		
6 / 75											.1							1	1		
4 / 73								.3			.3							4	4		
/ 71							.1	.3										3	3		
/ 69							.3	.3	.1	.5								9	9		
6 / 67					.1	.1	.4											5	5		
6 / 65						.3	.4	.1	.8									12	12		
4 / 63					.1	.8	.4	.6	.1									16	16		
/ 61					.9	.8	1.3	.5										27	27		
/ 59			.1	.3	1.4	2.0	.8	.4										39	39	7	
/ 57	.1	.8	.5	.9	1.5	1.9	.4											48	48	5	
5 / 55	.5	.8	1.4	2.4	2.6	1.0	.3											71	71	20	
4 / 53	.3	1.5	2.1	3.0	2.4	1.1	.1											84	84	33	2
2 / 51	.6	2.9	3.0	3.9	1.9													98	98	40	15
9 / 49	.8	3.5	4.3	3.5	.6	.1												102	102	76	23
/ 47	3.3	5.0	2.5	2.0	.1													103	103	98	31
4 / 45	2.4	5.4	3.1	.5														91	91	155	45
4 / 43	1.9	2.4	1.3	.1														45	45	146	58
2 / 41	.6 1.7	.5	.4															20	20	135	98
4 / 39	.1 .9	.3																10	10	49	120
2 / 37	.5																	4	4	25	114
/ 35	.1																	1	1	7	78
3 / 33																					92
2 / 31																					63
/ 29																					35
2 / 27																					14
/ 25																					4
2 / 23																					2
2 / 21																					1
/ 19																					1
TOTAL	.8 12.3	23.1	18.8	18.8	13.1	7.7	3.1	1.0	.5	.4	.3	.1						796	796	796	796

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.	3318414	49714	62.5	16.389	796							
Dry Bulb	2172015	41235	51.8	6.723	796			2.8	.9	.1		90
Wet Bulb	1658843	36163	45.4	4.476	796							90
Dew Point	1198513	30559	38.4	5.645	796		13.6					90

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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
APR — 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
8 / 75												.1						1	1		
/ 69							.1			.1								2	2		
8 / 67							.1		.4									4	4		
6 / 65								.2										2	2		
4 / 63					.4	.1		.2	.1									7	7		
/ 61					.7	.2	.2											10	10		
/ 59				1.1	.4	.1	.4	.2										17	17		
/ 57			.6	.7	1.1	.5	.5	.2										29	29	1	
5 / 55		.5	.4	1.4	.9	.9												32	32	6	
4 / 53		.7	1.1	1.1	2.2	.7	.2											50	50	27	
/ 51		1.6	2.6	2.9	2.5	.5	.4											84	84	27	11
5 / 49		1.6	4.3	4.8	2.2	1.4												116	116	48	11
4 / 47	.1	2.9	6.6	5.0	.7	.1												124	124	81	41
4 / 45	.1	2.7	7.3	4.1	.6													120	120	113	46
47 43		4.5	5.7	1.1														91	91	168	44
2 / 41	.2	3.3	5.3	.9														73	73	146	107
4 / 39	.4	1.2	1.2															23	23	115	127
3 / 37		1.9	.2															17	17	45	136
/ 35		.4																3	3	24	105
3 / 33																				4	87
27 31																					46
/ 29																					26
7 27																					10
/ 25																					5
2 / 23																					1
2 / 21																					2
TOTAL	.9	21.0	35.2	23.0	11.7	4.6	2.0	1.0	.5	.1		.1							805		805
																		805		805	

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.	4129109	56541	70.2	14.006	805							
Dry Bulb	1902602	38864	48.3	5.721	805			.8	.1			90
Wet Bulb	1551737	35177	43.7	4.264	805							90
Dew Point	1211757	30955	38.5	5.163	805		10.1					90

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

7[illegible]3 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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
8/ 85													.0					1	1		
8/ 83												.0	.0					3	3		
/ 81													.0					1	1		
/ 79											.0	.1						5	5		
7 / 77									.0	.0		.1						7	7		
6/ 75								.0	.0	.0	.1	.0	.0					13	13		
4/ 73							.0	.1	.0	.1	.1	.0						23	23		
/ 71						.0	.1	.1	.1									20	20		
/ 69					.0	.1	.3	.2	.0	.2	.0							55	55		
6 / 67					.1	.2	.3	.0	.2	.1								56	56		
6/ 65				.0	.1	.3	.2	.2	.3	.0								73	73		
4/ 63					.2	.3	.6	.4	.1	.0								109	109		
/ 61			.0	.1	.6	.6	.8	.3	.1									161	161	18	
/ 59			.0	.4	.7	1.1	.5	.3	.1									203	203	34	
/ 57		.1	.5	.6	1.1	.9	.9	.2	.0									269	269	63	1
5 / 55		.3	.6	1.1	1.8	1.6	.4	.1										376	376	102	7
4/ 53		.9	.9	1.7	2.4	1.1	.3	.0										466	466	204	21
3/ 51		1.0	2.5	2.7	2.9	.7	.1											631	631	296	98
5 / 49		.8	3.5	3.7	1.8	.4	.0											652	652	466	154
4 / 47	.0	3.2	4.9	3.2	.7	.1												771	771	636	219
4 / 45	.1	3.8	6.1	2.6	.2													813	814	1054	359
4/ 43	.1	4.5	5.3	.7	.3													674	674	1101	456
2/ 41	.2	3.5	3.1	.3														458	458	1077	779
4 / 39	.2	3.1	1.4	.1														301	301	666	1034
3 / 37	.1	1.6	.5	.0														138	140	393	1120
/ 35	.2	.7	.1															68	68	169	855
3 / 33	.1	.2																21	21	81	621
2/ 31	.1	.1																9	9	17	382
1 / 29																					157
2 / 27																					69
1 / 25																					30
2 / 23																					8
2/ 21																					5
2 / 19																					2

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	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 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

7 7931 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
APR — MONTH
PAGE 2
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				
TOTAL	.1	23.8	29.6	17.2	12.5	7.4	4.5	2.0	1.0	.5	.2	.2	.1					6377	6380	6377	6377

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.	31714547	437995	68.7	15.996	6377							
Dry Bulb	15932976	315296	49.4	7.419	6380		1.0	20.8	6.0	.7		720
Wet Bulb	12681348	282616	44.3	4.952	6377		1.9					720
Dew Point	9716576	246746	38.7	5.151	6377		73.7					720

FORM AM 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

7 /93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | MAY 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
/ 69										.1	.1							2	2		
6 / 67							.1			.1								2	2		
4 / 65					.2	.2	.1											5	5		
/ 61				.1	.7	.6	.2											14	14		
/ 59			.4	1.0	.7	.1	.1											19	19		
/ 57		.5	.6	1.5	.9	.4												31	31		
5 / 55		1.3	2.7	2.1	1.0	.4												61	61	13	1
4 / 53		1.0	3.9	4.1	.9	.1												82	82	43	11
/ 51		2.3	11.1	5.1	.9													159	159	55	14
5 / 49		3.9	13.1	2.3														159	159	100	36
/ 47		4.6	8.7	1.7														118	120	194	70
4 / 45		4.4	6.1	.4	.1													90	91	180	116
4 / 43		2.1	4.6	.1	.1													57	57	110	140
2 / 41		.9	1.6															20	20	79	165
4 / 39		.2	.1															3	3	41	122
3 / 37																				7	84
2 / 35																					44
3 / 33																					13
2 / 31																					3
/ 29																					2
2 / 27																					1
TOTAL		21.2	52.2	18.4	5.5	1.8	.6			.2	.1								825		822
																		822		872	

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.	4693381	61597	74.9	9.721	822							
Dry Bulb	2100716	41458	50.3	4.590	825			.5				93
Wet Bulb	1780417	38133	46.4	3.728	822							93
Dew Point	1492475	34851	42.4	4.256	822		.7					93

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

USAFETAC

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

PSYCHROMETRIC SUMMARY

7 ...3 | SEATTLE/TACOMA IAP, WA | 73-81 | MAY
STATION | STATION NAME | YEARS | 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				
6 / 67										.2								2	2		
4/ 63								.1										1	1		
/ 61					.4	.1												4	4		
/ 59					.5													5	5		
/ 57		.7	.9	1.[illegible]	.5	.4												28	28		
5 / 55		.7	2.4	.4	.2	.2												73	33	8	3
47 53		1.2	3.6	1.1	.2		.1											52	52	21	6
4/ 51		2.7	9.1	2.6	.5													122	122	49	9
5 / 49		6.4	11.5	1.1														157	158	85	39
/ 47		8.3	9.5	.9														153	153	139	66
4 / 45	.1	6.9	8.5	.5														132	132	199	130
4/ 43		5.1	5.2															85	85	136	117
2/ 41		2.2	2.7															40	41	116	158
4 / 39		.7																6	6	54	138
3 / 37		.4																3	3	13	101
/ 35																				3	38
3 / 33																					14
0/ 31																					3
/ 29																					1
TOTAL	.1	35.4	53.5	7.4	2.4	.7	.1	.1		.2									825		823
																		823		823	

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.	5180636	64946	78.9	8.217	823							
Dry Bulb	1961733	40075	48.6	4.275	825			.2				93
Wet Bulb	1711667	37439	45.5	3.731	823							93
Dew Point	1480802	34748	42.2	4.133	823		.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] 3 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | MAY 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
[illegible] / 73									.1									1	1		
5 / 67					.1		.1											2	2		
6 / 65					.1		.1											2	2		
4 / 63				.1	.5													6	6		
/ 61			.1	.7	.6	.5												16	16		
/ 59		.2	.2	1.0	.7	.2	.1											21	21	1	
/ 57		.2	1.1	1.1	.9	.2												29	29	7	
5 / 55		.5	2.6	3.8	1.3	.1												68	68	16	3
4 / 53		1.5	4.0	5.2	.4													90	90	35	6
/ 51		2.7	11.5	3.4	.6													149	149	62	19
5 / 49		5.2	13.3	2.0														166	167	120	52
/ 47		6.5	8.7	1.7														138	139	202	64
4 / 45		3.4	4.8	.4														70	70	170	137
4 / 43		1.7	3.6															43	43	118	145
2 / 41	.1	.7	.6															12	12	52	165
4 / 39		.1	.1															2	2	30	100
3 / 37																				2	75
/ 35																					21
3 / 33																					8
TOTAL	.1	22.8	51.7	19.4	5.4	1.1	.4		.1										817		815
																		815		815	

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.	4783351	61994	76.1	9.120	815							
Dry Bulb	2113629	41393	50.7	4.492	817			.3	.1			93
Wet Bulb	1805235	38241	46.9	3.661	815							93
Dew Point	1535579	35227	43.2	3.989	815							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] | SEATTLE/TACOMA IAP,WA | 73-81 | MAY
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
/ 79									.1	.1								2	2		
/ 75								.1	.2	.1								4	4		
/ 73								.2										2	2		
/ 71						.2	.7	.1	.1									10	10		
/ 69					.1	.2	1.0	.2	.1									14	14		
/ 67					.2	.9	1.0	.1										18	18		
67 / 65				.4	1.1	1.5	.5	.1										29	29		
67 / 63			.1		.9	2.2	.6											31	32	2	
/ 61		.1		.4	2.8	1.3	.6	.1										44	44	5	
/ 59		.1	.2	2.8	3.8	1.6												70	70	27	
/ 57		.1	1.6	4.9	4.6	1.6												105	105	25	1
57 / 55		.6	1.9	5.5	6.2	.7												123	123	41	9
67 / 53		1.1	3.9	8.8	2.1													130	131	106	9
67 / 51		2.8	5.6	4.5	2.6	.1	.1											129	129	124	41
57 / 49		.9	4.1	2.9	.4													68	68	164	73
/ 47		1.0	1.7	1.3														33	33	170	126
47 / 45		.2	.5	.1														7	7	100	131
47 / 43			.2															2	2	41	141
47 / 41																				15	118
47 / 39																				1	95
37 / 37																					51
/ 35																					19
37 / 33																					4
27 / 31																					1
/ 29																					1
/ 27																					1
TOTAL		6.9	23.0	31.5	24.7	10.4	4.5	1.1	.6	.2									823		821
																		821		821	

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.	3604733	53563	65.2	11.594	821							
Dry Bulb	2620267	46197	56.1	5.744	823			5.7	.9			93
Wet Bulb	2162463	41315	51.0	4.052	821							93
Dew Point	1618560	36276	44.2	4.376	821		.3					93

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

[redacted]

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

PSYCHROMETRIC SUMMARY

[redacted] STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | MAY 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
[redacted] / 80												.2						2	2		
[redacted] / 79											.5							4	4		
[redacted] / 78									.2	.1	.2							5	5		
7 / 77								.1	.9	.1	.2							11	11		
[redacted] / 76								.9	.9	.1								15	15		
[redacted] / 75							1.0	.9	.6	.1								21	21		
[redacted] / 74						.1	.7	.9	.5	.2								20	20		
[redacted] / 73					.1	.4	1.2	.6	.5									23	23		
[redacted] / 72					.1	.5	1.6	1.3	.5									33	34		
[redacted] / 71				.4	.4	2.3	3.4	.9	.1									61	61	2	
[redacted] / 70			.1		1.5	2.7	2.9	.2										61	61	10	
[redacted] / 69			.4	.6	3.6	3.8	2.7	.1										91	91	28	
[redacted] / 68		.1	.4	2.1	5.4	4.9	.7	.1										112	112	28	
[redacted] / 67			1.8	2.1	5.5	4.8	.6	.1										122	122	47	2
5 / 66		.5	1.5	3.1	3.8	2.2	.1											91	91	75	11
[redacted] / 65		.6	1.3	2.8	2.4	.5												59	59	152	13
[redacted] / 64		1.3	2.1	2.3	.6													52	52	127	47
5 / 63		.2	1.5	1.1														23	23	166	79
[redacted] / 62		.2	.6															7	7	105	106
[redacted] / 61			.1															1	1	57	109
[redacted] / 60			.1															1	1	16	122
[redacted] / 59																				1	130
[redacted] / 58																				1	96
[redacted] / 57																					59
[redacted] / 56																					26
[redacted] / 55																					10
[redacted] / 54																					2
[redacted] / 53																					1
[redacted] / 52																					1
[redacted] / 51																					1
TOTAL	3.1	9.9	14.5	22.9	22.2	15.1	6.1	4.2	.7	1.0	.2							816		815	
																		815		815	

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.	2705909	45743	56.1	13.045	815							
Dry Bulb	3019898	49326	60.4	6.847	816			15.4	6.6	.9		93
Wet Bulb	2205564	42250	51.8	4.336	815							93
Dew Point	1595368	35848	44.0	4.778	815		.6					93

FORM AK 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

7[illegible]3 | SEATTLE/TACOMA IAP,WA | 73-81 | MAY

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 85											.1							1	1		
[illegible] / 83											.4	.2						5	5		
[illegible] / 81									.1	.5	.1							6	6		
[illegible] / 79									.1	.5	.2	.5						11	11		
7 / 77								.1	.7	1.0	.6							[illegible]	[illegible]		
[illegible] / 75							.1	.4	.6	.4	.1							13	13		
[illegible] / 73							.5	.6	1.2	.6								24	24		
[illegible] / 71							.1	1.1	.6	1.0								23	23		
[illegible] / 69						.1	.7	1.6	.8	.1								26	28		
[illegible] / 67						.7	1.6	1.9	.4	.2								42	41		
6 / 65				.1	.2	1.3	3.4	2.1	.2	.2								63	63	2	
4 / 63			.2	.1	1.0	3.0	3.6	1.7	.1									91	81	14	
/ 61	.4	.2	.5	1.6	4.0	3.5	.4	.1										88	88	22	
/ 59		1.0	1.5	3.6	3.2	1.7	.7											96	96	29	
/ 57		.8	2.9	2.8	4.2	1.1												98	98	56	5
5 / 55	.7	1.9	2.5	4.1	1.2													87	87	65	7
4 / 53	1.0	2.2	1.5	1.6	.7													57	58	151	12
[illegible] / 51	.6	2.4	1.9	.7	.1													48	48	150	42
5 / 49	.5	2.1	.5															25	25	150	67
/ 47		.5	.4															7	7	105	81
[illegible] / 45	.2	.1																3	3	56	115
4 / 43																				21	120
2 / 41																				1	116
[illegible] / [illegible]																					113
3 / [illegible]																					78
/ 35																					35
3 / 33																					15
2 / 31																					10
[illegible] / 29																					5
[illegible] / 27																					3
TOTAL	3.4	11.5	11.9	15.7	18.7	16.4	10.6	5.1	4.5	1.6	.7							824	825		824
																		824		824	

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.	2555099	44127	53.6	15.274	824							
Dry Bulb	3146319	50573	61.3	7.485	825			19.3	9.7	2.3		93
Wet Bulb	223372	42752	51.9	4.353	824							93
Dew Point	1559188	35594	43.2	5.129	824		2.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] | SEATTLE/TACOMA IAP, WA | 73-81 | MAY
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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31								
/ [illegible]											.1							1	1		
/ 79									.1	.1								2	2		
7 / 77										.1	.2							3	3		
[illegible] / 75								.1	.6	.1								7	7		
4/ [illegible]							.2	.7	.1	.6								14	14		
/ [illegible]						.1	.1	.6	.5	.1								12	12		
/ 69					.1		1.0	1.0	.5									21	21		
6 / 67						.2	.5	.5	.7	.2								18	18		
6/ 65					.2	1.3	1.0	.7	.5									31	32	1	
4/ 63					.5	2.1	1.7	.4	.4									41	41	2	
/ 61			.4	.2	1.7	2.4	1.5	.9										58	58	6	
/ 59		.4	.6	1.2	2.7	4.4	.9	.2										85	85	15	
/ 57		.2	1.5	2.0	3.3	3.5	.7	.1										93	93	40	
5 / 55		.4	2.7	3.8	4.5	2.3	.4											115	115	45	11
4/ 53		1.2	4.0	4.5	3.2	1.0												114	114	93	7
2/ 51		1.7	4.9	2.6	2.6	.4												99	99	114	16
5 / [illegible]		.6	2.8	2.6														49	49	177	70
/ 47		1.2	1.6	1.2	.1													34	34	136	90
4 / 45		.4	1.0	.6														16	16	112	88
4/ 43		.4	.1															4	4	52	136
2/ 41																				22	120
4 / [illegible]																				2	98
3 / 37																					95
[illegible] / 35																					46
3 / 33																					25
2/ 31																					11
[illegible] / 29																					1
2 / 27																					3
TOTAL		6.5	19.6	18.7	19.0	17.9	8.0	5.3	3.4	1.3	.4								918		817
																		817		817	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3133683	49121	60.1	14.867	817							
Dry Bulb	2711801	46785	57.2	6.635	818			8.9	3.1	.3		93
Wet Bulb	2038093	40661	49.8	4.208	817							93
Dew Point	1503425	34807	42.6	5.016	817		1.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]93	SEATTLE/TACOMA IAP, WA	73-81	MAY
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
/ 71								.2	.1									3	3		
/ 69						.1	.1	.1		.1								4	4		
6 / 67					.1		.6	.2	.1									9	9		
6 / 65				.1	.2	.4	.8	.1		.1								15	15		
4 / 63					.4	1.5	.4											18	18		
/ 61				.2	1.0	.5	.5											18	18		
/ 59			.4	.8	1.1	1.3	.1											31	31	4	
/ 57		.8	1.3	1.6	1.7	2.2												63	63	7	
5 / 55		.7	3.6	3.3	3.5	1.1	.1											101	101	32	2
4 / 53		1.1	4.5	7.4	2.2	.5												129	129	61	14
2 / 51		2.4	9.6	4.8	1.8													154	154	77	15
5 / 49		1.8	6.2	5.0	.7													113	113	130	47
/ 47		2.7	5.6	2.5														89	89	204	93
4 / 45		2.7	2.5	1.2														53	53	128	105
4 / 43		.6	2.1															22	22	119	129
2 / 41		.1	.1															2	2	48	150
4 / 39		.1																1	1	15	112
3 / 37																					95
/ 35																					43
3 / 33																					17
2 / 31																					2
/ 27																					1
TOTAL	13.	135.	82	70.	12.7	7.5	2.7	.7	.2	.2								825		825	825
																		825		825	

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.	4190531	57235	69.4	12.058	825							
Dry Bulb	2320413	43541	52.8	5.220	825			1.8				93
Wet Bulb	1887936	39340	47.7	3.818	825							93
Dew Point	1512888	35140	42.6	4.425	825		.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

7[illegible]93 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
MAY — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31							
6/ 85											.0	.0									3	3		
[illegible]/ 83											.0	.0									5	5		
[illegible]/ 81									.0	.1	.1										11	11		
[illegible]/ 79									.1	.1	.1	.1									20	20		
7 / 77								.0	.2	.2	.1										34	34		
6/ 75							.0	.2	.3	.1	.0										39	39		
4/ 73							.2	.3	.3	.2											62	62		
/ 71						.1	.2	.4	.2	.2											68	68		
/ 69					.0	.1	.5	.4	.2	.0	.0										92	92		
6 / 67					.1	.3	.7	.5	.2	.1											124	125		
6/ 65				.1	.3	.9	1.2	.5	.1	.0											201	202	5	
4/ 63			.1	.0	.6	1.5	1.2	.3	.1												244	245	28	
/ 61		.1	.1	.4	1.5	1.7	1.1	.2	.0												333	333	61	
/ 59		.1	.4	1.3	2.3	2.0	.5	.1													439	439	104	
[illegible] / 57		.3	1.2	2.1	2.5	2.2	.3	.0													569	569	182	8
5 / 55		.7	2.4	3.0	3.1	1.0	.1														679	679	295	47
4/ 53		1.1	3.4	4.4	1.6	.4	.0														713	715	662	78
2/ 51		2.1	7.0	3.4	1.3	.1	.0														912	912	758	203
5 / 49		2.4	6.8	2.2	.1																760	762	1092	463
[illegible] / 47		3.1	4.5	1.2	.0																579	582	1255	716
4 / 45	.[illegible]	2.3	3.0	.4	.3																372	373	1004	931
4/ 43		1.2	2.0	.3	.0																214	214	613	1050
2/ 41	.1	.5	.6																		74	75	334	1122
4 / 39		.2	.0																		12	12	144	874
3 / 37		.1																			3	3	22	638
[illegible] / 35																							3	272
3 / 33																								106
2/ 31																								32
[illegible] / 29																								11
[illegible] / 27																								10
/ 25																								1
TOTAL	.1	14.1	31.7	18.6	13.5	10.1	6.0	3.0	1.7	.9	.4	.1										6574		6562
																					6562		6562	

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.	30747322	438326	66.8	14.959	6562							
Dry Bulb	19994776	359348	54.7	7.319	6574			51.9	19.7	3.3		744
Wet Bulb	15725095	319801	48.7	4.611	6562							744
Dew Point	12298281	282487	43.0	4.578	6562		6.1					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | JUN 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
/ 71							.1											1	1		
/ 69							.3											2	2		
6 / 67						.6	.1											6	6		
6/ 65				.1	1.6	.6	.5	.4										26	26		
4/ 63				.3	1.6	.3	.3	.1										20	20		
/ 61		.5	.1	.9	1.8	1.4	.1											38	38	1	
/ 59		.4	1.1	3.5	2.3	1.0	.1											67	67	11	4
/ 57	.1	.9	3.0	4.5	2.6	.1												90	90	29	4
5 / 55		2.8	7.3	5.8	2.1	.1												144	144	53	5
4/ 53		3.6	10.9	7.4	.4													178	178	117	26
2/ 51		2.5	11.3	2.3														128	128	161	63
5 / 49		1.8	4.1	.9														54	54	179	131
/ 47	.1	1.3	1.4															22	22	158	140
4 / 45		1.6	.8															19	19	63	150
47 43		.3	.1															3	3	22	125
2/ 41																				4	105
4 / 39																					39
3 / 37																					6
TAL	.3	15.5	40.1	25.6	12.4	4.1	1.5	.5											798		798
																		798		798	

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.	4354462	58327	73.1	10.760	798							
Dry Bulb	2432757	43913	55.1	4.519	798			1.0				90
Wet Bulb	2038868	41246	50.4	3.382	798							90
Dew Point	1719247	36916	46.3	3.796	798							90

FORM AS-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

7 793	SEATTLE/TACOMA IAP, WA	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 65					.4	.3												5	5		
67 / 63				.1	.4		.1	.1										6	6		
67 / 61			.1	1.3	.8		.1											18	18		
67 / 59		1.3	1.1	3.0	.9	.1												49	49	2	
67 / 57	.1	1.3	1.8	2.5	1.1	.3												54	55	16	5
65 / 55	.1	3.3	8.6	5.6	1.5													153	153	38	7
64 / 53	.1	3.5	11.3	5.4	.1													163	163	91	19
62 / 51		5.1	16.7	1.8	.1													184	184	132	63
59 / 49		3.4	7.4	.9														93	93	211	118
48 / 47		2.5	1.1															29	29	179	155
46 / 45		3.6	1.1															38	38	86	170
44 / 43		.6	.3															7	7	34	114
42 / 41																				10	103
40 / 39																					42
38 / 37																					3
TOTAL	.4	24.0	48.8	20.5	5.3	.6	.3	.1											800		799
																		799		799	

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.	4841427	61797	77.3	8.805	799							
Dry Bulb	2279150	42590	53.2	3.837	800							90
Wet Bulb	1969669	39587	49.5	3.226	799							90
Dew Point	1714173	36891	46.2	3.689	799							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

72793 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | JUN MONTH

 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					
47 / 73						.1												1	1		
/ 71						.3	.3		.1									5	5		
/ 69					.1	.3			.1									4	4		
/ 67					.4	1.3	.1	.1										15	15		
67 / 65				.3	1.3	.3	.3											16	16		
47 / 63			.1	1.3	1.0	.9	.1											27	27	2	
/ 61		.1	.6	2.3	2.7	.5												44	44	6	
/ 59		.3	1.8	4.7	2.3	.5												75	75	16	2
/ 57	.3	.9	3.4	5.6	2.2													97	97	35	7
5 / 55	.1	2.9	9.9	8.7	1.1													166	166	73	11
47 / 53		3.7	12.8	5.0	.3													166	166	121	48
47 / 51		2.9	7.6	1.8														97	97	177	77
5 / 49		2.8	2.8	.3														46	46	190	126
/ 47		1.5	1.1															21	21	120	178
4 / 45		.9																7	7	36	161
47 / 43																				11	103
47 / 41																					58
/ 39																					16
TOTAL	.4	15.4	39.3	29.1	10.7	4.1	.9	.1	.3										787		787
																		787		787	

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.	4353978	57998	73.7	11.077	787							
Dry Bulb	2467152	43914	55.8	4.621	787			2.9	.1			90
Wet Bulb	2076587	40337	51.3	3.412	787							90
Dew Point	1769063	37205	47.3	3.605	787							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?793 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | JUN 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
/ 81									.3	.1								3	3		
/ 79								.1	.1	.1	.1							4	4		
7 / 77						.1	.1	.5	.1	.1	.1							9	9		
6/ 75						.1	.4	1.3	.1	.4								18	18		
4/ 73						.6	.8	1.0	.4	.4								25	25		
/ 71					.3	.6	1.0	.6										20	20		
/ 69					.4	1.9	1.4	.4	.1									33	33		
6 / 67					.9	2.1	1.6	.1										38	38	1	
6/ 65			.1	.8	2.3	4.1	1.0		.1									67	67	6	
4/ 63		.1	.1	1.0	2.5	2.6	.4	.1										55	55	21	
/ 61		.1	.3	1.9	5.4	2.6	.5											86	86	28	1
/ 59		.3	1.8	6.4	6.3	1.5	.1											130	130	58	5
/ 57	.1	1.1	3.5	6.9	4.4	.8												134	134	72	12
5 / 55	.1	1.0	5.4	4.9	1.1													100	100	128	40
4/ 53		1.0	2.8	1.9														45	45	181	54
2/ 51		1.0	1.0	.6														21	21	170	87
5 / 49		.5	.1	.3														7	7	97	140
/ 47		.5																4	4	28	178
4 / 45																				9	149
4/ 43																					70
2/ 41																					44
4 / [illegible]																					15
3 / 37																					2
3 / 33																					2
TOTAL	.3	5.6	15.0	24.5	23.4	17.1	7.3	4.1	1.3	1.1	.3							799	799	799	799

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.	3325261	50567	63.3	12.515	799							
Dry Bulb	3026380	48918	61.2	6.275	799			16.9	6.6	.5		90
Wet Bulb	2346802	43188	54.1	3.939	799			.1				90
Dew Point	1860931	38425	48.1	4.039	799							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

7[illegible]793 | SEATTLE/TACOMA IAP,WA | 73-81 | JUN
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
/ 89													.1					1	1		
6/ 87												.1						1	1		
6/ 85											.4	.1						4	4		
4/ 83									.3	.9	.8	.1						16	16		
/ 81								.1	.6	.6	.3	.4	.3					18	18		
/ 79							.1	1.0	1.1	.9	.6	.3						32	32		
7 / 77							.4	1.3	.9	.9	.1							28	28		
6/ 75						.3		1.4	1.8	.4								30	30		
4/ 73						.3	1.0	1.3	.3									22	23		
/ 71					.4	.4	1.9	1.6	.6									39	39		
/ 69				.3	.3	1.3	3.8	1.1	.5		.1							58	58		
/ 67				.3	.5	2.6	4.9	.9	.3	.1								76	76	9	
6/ 65				.3	2.5	3.5	3.0	.6	.1									80	80	34	
4/ 63			.1	1.6	3.5	5.3	2.3	.3										104	104	40	
/ 61	.8	.1	2.1	5.4	4.7	1.3												114	114	46	1
/ 59	.9	1.1	3.1	2.1	2.0	.1												75	75	82	12
/ 57	.3	2.5	1.3	1.0	.8													46	46	123	28
5/ 55	.4	1.9	.9	.4														28	28	145	34
4/ 53	.5	1.4		.1														16	16	166	60
2/ 51	.1	.4																4	4	103	91
5 / 49	.1	.1																2	2	35	163
/ 47																				10	129
4/ 45																				1	109
4/ 43																					80
2/ 41																					45
4 / 39																					26
3 / 37																					10
/ 35																					3
3/ 33																					2
/ 29																					1
TOTAL	3.0	7.7	9.8	16.2	21.0	18.8	9.6	6.4	3.8	2.3	1.0	.4							795		794
																		794		794	

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.	2476588	42974	54.1	13.785	794							
Dry Bulb	3525064	52608	66.2	7.428	795			36.9	17.3	6.2		90
Wet Bulb	2523628	44634	56.2	4.286	794			1.0				90
Dew Point	1861595	38263	48.2	4.724	794		.1					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

7 793 (STATION) SEATTLE/TACOMA IAP,WA (STATION NAME) 73-81 (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
/ 91														.1	.1			2	2		
/ 89															.1			1	1		
8/ 87											.4	.6						8	8		
6/ 85										.3	1.0	.4	.4					16	16		
4/ 83									.5	.8	.1	.8	.4					20	20		
/ 81								.1	.5	.6	.8	.8						22	22		
/ 79								.6	.8	1.5	1.0	.4						34	34		
7 / 77								.5	.5	1.4	.6	.'						25	25		
6/ 75							.3	1.3	1.8	.5	.4							33	33		
4/ 73					.3	.1	.5	1.5	2.3	.5	.1							42	42		
/ 71					.6	.6	1.4	2.8	1.1	.1								53	53		
/ 69						1.1	2.4	2.0	1.3	.3								56	56		
6 / 67				.1	1.0	2.5	3.1	.9										61	61	17	
6/ 65				.6	2.1	2.8	2.9	1.1	.3									78	78	32	
4/ 63		.1	.4	1.1	3.4	3.6	2.0	.8										91	91	29	
2/ 61		.3	.3	1 4	4.4	4.6	1.8	.1										102	102	67	1
/ 59		.6	1.0	3.5	2.0	1.9	.3											74	74	90	11
/ 57		.6	1.0	1.0	.6	.3												28	28	132	25
5 / 55		.3	2.5	.4	.1													26	26	132	35
4/ 53		1.0	.9															15	15	155	60
2/ 51		.3	.5															6	7	93	94
5 / 49		.4	.3															5	5	40	128
/ 47																				10	141
4 / 45																				1	109
4/ 43																					84
2/ 41																					43
4 / 39																					43
3 / 37																					15
2 / 35																					7
3 / 33																					2
TOTAL		3.5	6.8	8.1	14.5	17.5	14.5	11.7	8.9	5.9	4.4	3.0	.8	.1	.3			798	799	798	798

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.	2329393	41311	51.8	15.472	798							
Dry Bulb	3682227	53837	67.4	8.277	799			42.0	22.9	9.5		90
Wet Bulb	2562588	45086	56.5	4.379	798			1.9				90
Dew Point	1842111	38140	47.8	4.912	798							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

727937 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JUN — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
6/ 85										.1	.1			.1					3	3		
6/ 83										.3	.3	.1							5	5		
/ 81								.1	.1	.1	.1	.3							6	6		
/ 79								.3	.5	.5	.6	.1							16	16		
7 / 77									1.0	.8	.4								17	17		
8/ 75							.5	.6	.6	.6	.1								20	20		
4/ 73							1.4	.9	1.1	.1	.3								30	30		
/ 71					.3	.1	1.4	1.8	1.0	.4									39	39		
/ 69				.1	.3	1.0	2.1	2.4	.4	.1									51	51		
6 / 67				.1	.8	1.9	2.9	.5											49	49	2	
6/ 65				.4	1.9	2.9	2.1	.9											65	65	7	
4/ 63		.1	.3	1.3	2.9	4.8	1.3	.5											88	88	20	
2/ 61		.5	.3	2.1	5.2	3.0	.9												95	95	35	
/ 59		.3	1.1	2.3	4.4	3.2	.6												94	94	68	9
2 / 57		.6	3.5	3.8	2.9	1.0													94	94	97	8
5 / 55		1.0	3.3	2.8	1.3	.1													67	68	144	24
4/ 53		.6	1.8	1.0	.3														29	29	177	51
2/ 51		.5	1.0																12	12	118	85
5 / 49		.4	.5	.1															8	8	90	106
/ 47		.3	.1																3	3	24	169
4 / 45																					9	126
4/ 43																						89
2/ 41																						73
4 / 39																						25
3 / 37																						21
/ 35																						5
TOTAL		4.3	11.9	14.0	29.1	18.1	13.3	8.0	4.8	3.0	1.9	.5		.1						792		791
																			791		791	

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.	2758794	45248	57.2	14.689	791							
Dry Bulb	3231899	50277	63.5	7.134	792			26.8	11.0	2.3		90
Wet Bulb	2369782	43183	54.6	3.997	791			.2				90
Dew Point	1772819	37279	47.1	4.486	791							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

7[illegible]93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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]/ 75								.3	.3	.1								5	5		
4/ 73								.3	.1									3	3		
/ 71							.4	.6	.3									10	10		
/ 69						.9	.9	1.0	.1									23	23		
6 / 67						1.4	1.5	.4										26	26		
6/ 65			.1	.5	.9	.9	1.0											27	27		
4/ 63		.1		.9	1.8	2.0	.4	.1										42	42		
/ 61		.8	.3	2.4	3.9	2.3	.4											79	79	6	
/ 59	.1	.3	1.5	4.6	5.9	1.6	.1											113	113	34	6
/ 57		.8	3.6	6.3	3.4	.5												116	116	50	3
5 / 55		2.0	7.6	6.1	3.4													153	153	83	8
4/ 53		1.6	6.1	5.5	.9													113	113	164	41
2/ 51		.8	4.4	1.6														54	54	184	78
0 / 49		.4	2.5	.1														24	24	150	110
/ 47		.9	.3															9	9	99	161
4 / 45		.3																2	2	28	158
4/ 43																				1	121
2/ 41																					84
4 / 39																					25
3 / 37																					4
TOTAL	.1	7.8	26.4	28.0	29.0	9.5	4.6	2.6	.8	.1									799		799
																		799		799	

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.	3718724	53636	67.1	12.170	799							
Dry Bulb	2712893	46369	58.0	5.242	799			7.5	.9			90
Wet Bulb	2172067	41569	52.0	3.430	799							90
Dew Point	1755357	37327	46.7	3.804	799							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JUN — 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
/ 91														.0	.0			2	2		
/ 89													.0		.0			2	2		
87 87											.0	.1						9	9		
6/ 85										.0	.2	.1	.0	.0				23	23		
4/ 83									.1	.2	.1	.1	.0					41	41		
/ 81								.0	.2	.2	.1	.2	.0					49	49		
/ 79							.0	.3	.3	.4	.3	.1						86	86		
7 / 77						.0	.1	.3	.3	.4	.2	.0						79	79		
6/ 75						.0	.1	.6	.6	.3	.1							106	106		
4/ 73					.0	.1	.5	.6	.5	.1	.0							123	124		
/ 71					.2	.3	.8	.9	.4	.1								167	167		
/ 69				.0	.1	.8	1.4	.9	.3	.0	.0							227	227		
5 / 67				.1	.4	1.6	1.8	.4	.0	.0								271	271	29	
6/ 65			.0	.4	1.6	1.9	1.4	.4	.1									364	364	79	
4/ 63		.1	.1	.9	2.1	2.4	.8	.3										433	433	112	
/ 61		.4	.3	1.8	3.6	2.4	.6	.0										576	576	189	3
/ 59	.0	.5	1.3	3.9	3.3	1.5	.2											677	677	361	49
/ 57	.1	.8	2.8	4.0	2.3	.5												659	660	554	92
5 / 55	.0	1.7	5.7	4.3	1.4	.0												837	838	796	164
4/ 53	.0	1.9	6.0	3.3	.3													725	725	1172	359
3/ 51		1.6	5.3	1.0	.0													506	507	1138	638
5 / 49		1.2	2.2	.3														239	239	992	1022
/ 47	.0	.9	.5															88	88	628	1251
/ 45		.8	.2															66	66	233	1132
47 43		.1	.0															10	10	68	786
2/ 41																				14	555
/ 39																					231
3 / 37																					61
/ 35																					15
3 / 33																					6
/ 31																					1
TOTAL	.2	9.9	24.5	20.0	15.3	11.5	7.6	4.6	2.8	1.7	1.1	.6	.1	.0	.0				6369		6365
																		6365		6365	

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.	28158627	411851	64.7	15.401	6365							
Dry Bulb	23357522	382426	60.0	7.874	6369			134.1	58.9	15.4		720
Wet Bulb	18059991	337827	53.1	4.512	6365			3.3				720
Dew Point	14295288	300446	47.2	4.221	6365		.1					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JUL — 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
7 / 77								.1										1	1		
6 / 75							.1	.1	.1									3	3		
5 / 73						.2		.2										4	4		
/ 71							.2	.4										5	5		
/ 69					.2	1.2	.4											15	15		
6 / 67				.8	.6	1.5	.1											25	25		
6 / 65			.1	1.8	2.4	.8	.4											46	46		
4 / 63		.4	1.0	2.8	2.2	.7	.2											60	60	6	
/ 61		.5	2.9	4.2	3.7	.8												99	99	17	1
/ 59		1.6	8.6	7.3	2.1													161	163	56	10
/ 57	.1	2.7	11.5	6.8	.6													179	179	120	20
5 / 55		3.1	5.9	4.8	.5													119	119	181	71
4 / 53	.1	3.1	3.1	1.9														69	69	212	124
2 / 51		1.3	1.8	.2														28	28	126	153
1 / 49		.5	.5															8	8	71	191
0 / 47		.4	.2															5	5	31	122
0 / 45																				7	68
0 / 43																					52
0 / 41																					13
0 / 39																					2
TOTAL	.2	13.5	35.7	30.5	12.3	5.3	1.5	.8	.1									827	829	827	827

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4492299	60317	72.9	10.616	82
Dry Bulb	2909323	48971	59.1	4.463	829
Wet Bulb	2438231	44823	54.2	3.273	827
Dew Point	2089839	41459	50.1	3.719	827

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb			5.9	.9			93
Wet Bulb							93
Dew Point							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 783 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
JUL — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 69						.1												1	1		
6 / 67					.2	.4												5	5		
6/ 65			.2	.5	.7	.4	.1											16	16		
4/ 63			1.3	1.2	1.6	.2												33	33		
/ 61		.4	3.2	1.8	1.1	.1												54	54	6	
/ 59		2.1	5.3	5.2	.9													108	108	22	5
/ 57		4.8	12.2	6.3	.5													195	195	70	22
5 / 55		7.8	12.3	4.3	.1													201	201	141	49
4/ 53	.4	4.5	8.3	2.8														131	131	236	112
2/ 51		2.0	2.7	.7														44	44	173	149
5 / 49		1.7	1.3															25	26	111	192
/ 47		.4	.4															6	6	48	150
4 / 45		.1																1	1	11	85
4/ 43																				2	41
2/ 41																					15
TAL	.4	23.7	46.6	22.9	5.1	1.2	.1												821		820
																		820		820	

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.	503442	63856	77.9	8.688	82							
Dry Bulb	2552664	46576	56.7	3.556	821			.7				93
Wet Bulb	2309015	43441	53.0	3.056	820							93
Dew Point	2043856	40832	49.8	3.533	82							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | JUL 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				
[illegible] / 75								.1										1	1		
4 / 73						.1		.1										2	2		
/ 71					.2	.2	.2											6	6		
/ 69				.1	.6	1.0	.1											15	15		
6 / 67				1.0	1.3	1.0	.1											28	28		
6 / 65			.5	1.8	2.6	1.2												50	51		
4 / 63			1.3	3.1	2.6	.1												58	58	9	
/ 61		.5	1.8	4.4	3.2	.4												84	84	22	
/ 59		2.4	7.6	8.2	1.3													160	160	61	9
/ 57		3.8	10.7	3.7	.5													153	154	105	37
5 / 55	.4	5.6	10.1	3.4	.2													162	162	191	65
4 / 53	.4	3.2	3.4	1.3														68	68	215	141
2 / 51		1.0	1.3	.4														22	22	139	177
5 / 49		.4	.9															10	11	51	191
/ 47																				23	113
4 / 45																				3	49
4 / 43																					30
2 / 41																					7
TOTAL	.7	16.8	37.7	27.4	12.6	4.0	.5	.2											822		819
																		819		819	

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.	4653719	61201	74.7	9.913	819							
Dry Bulb	2873067	48463	59.2	4.389	822			5.9	.3			93
Wet Bulb	2435227	44581	54.4	3.229	819							93
Dew Point	2117921	41553	50.7	3.439	819							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | JUL 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
5/ 87											.1							1	1		
6/ 85											.2							2	2		
7/ 83										.2	.1							3	3		
/ 81								.1	.2	.1								4	4		
/ 79							.2	.5	.6	.1								12	12		
7 / 77						.1	.4	1.1	.1									14	14		
6/ 75					.1	.4	1.0	1.8	.1									28	28		
4/ 73					.5	1.9	2.6	1.0	.2									51	51		
/ 71					.2	2.2	2.4	.6										45	45		
/ 69				.4	1.7	3.5	2.7	.1										69	69		
8 / 67				1.7	3.4	3.6	.7	.1										73	73	7	
6/ 65		.1	.2	1.8	5.5	3.3	.5	.1										95	95	28	
4/ 63		.2	.6	4.5	6.6	2.3	.7											123	123	52	
/ 61		.1	1.6	5.3	3.8	.6												94	94	87	6
/ 59		.4	3.5	6.1	2.3	.1												102	102	121	30
/ 57		1.2	3.2	1.8	1.0													59	59	162	45
5 / 55	.1	1.2	1.3	1.1														30	30	184	90
4/ 53	.1	.6	.2	.4														11	11	121	153
2/ 51		.4		.1														4	4	44	180
5 / 49			.4															3	3	12	159
/ 47																				3	82
4 / 45																				2	45
4/ 43																					29
2/ 41																					4
TOTAL	.2	4.3	11.1	22.4	25.0	18.1	11.2	5.5	1.3	.5	.5							823	823	823	823

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.	3349495	51587	62.7	11.876	823							
Dry Bulb	3518106	53566	65.1	6.200	823			34.1	13.0	1.6		93
Wet Bulb	2722809	47235	57.4	3.792	823			.8				93
Dew Point	2199713	42435	51.6	3.774	823							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] 93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | JUL 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] / 95															.1			1	1		
[illegible] / 93													.1	.1				2	2		
/ 91												.1	.4	.1				5	5		
/ 89												.1	.1					2	2		
8/ 87										.1	.6	.1						7	7		
[illegible] / 85									.1	.6	.6	.1						12	12		
[illegible] / 83								.1	1.2	1.0	.5							23	23		
/ 81							.1	.6	1.3	1.8	.6							37	37		
/ 79							.1	2.4	2.2	1.2	.4							52	52		
7 / 77						.1	.7	1.8	1.3	.6	.1							39	39		
[illegible] / 75						.2	1.8	3.2	1.8	.2								60	60		
4/ 73					.1	1.6	3.4	2.8	.7									71	71		
/ 71					.5	2.7	5.1	1.7	.4									85	85		
/ 69					1.2	4.1	3.4	1.0	.1									81	81	10	
5 / 67				.9	2.7	5.9	2.7	1.1										108	108	39	
6/ 65		.1	.2	2.0	3.8	2.6	2.0	.2										89	89	65	
4/ 63		.2		2.0	3.2	2.4	.5											67	68	88	1
/ 61		.1	.5	1.8	1.7	.6												39	39	142	9
/ 59		.2	1.1	1.5	.2													25	25	160	29
/ 57		.1	.6	.2	.2													10	10	142	67
5 / 55		.2																2	2	102	104
4/ 53			.1															1	1	62	153
2/ 51			.2															2	2	6	179
5 / 49																				3	111
[illegible] / 47																				1	75
4 / 45																					61
4/ 43																					20
2/ 41																					9
4 / 39																					2
TOTAL		1.1	2.8	8.3	13.5	20.2	19.9	15.0	9.3	5.6	2.8	.5	.6	.2	.1				821		820
																		820		820	

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.	2340810	42752	52.1	11.687	820							
Dry Bulb	4178178	58276	71.0	7.127	821			66.3	35.2	12.3	.3	93
Wet Bulb	2952063	49093	59.9	3.967	820			5.6				93
Dew Point	2220388	42540	51.9	4.059	820							93

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

7 7793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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
8/ 97																.2		2	2		
8/ 95														.2	.2	.1		5	5		
7/ 93														.5				4	4		
/ 91													.1	.1				2	2		
/ 89												.5	.1					5	5		
6/ 87										.2	.6	.7						13	13		
6/ 85									.1	1.5	2.6	.6						39	39		
4/ 83								.5	1.2	2.1	1.3	.1						43	43		
/ 81								.2	1.7	2.4	.7							42	42		
/ 79							.4	1.7	1.7	1.5	1.1							52	52		
7/ 77							.7	2.6	2.3	1.2	.2	.1						59	59		
6/ 75						.1	1.3	4.0	2.2	.5								67	68		
4/ 73						1.2	3.7	3.5	1.0									77	77		
/ 71					.4	1.3	4.9	2.1	.1	.1								73	73		
7/ 69					1.0	3.4	3.4	1.7	.4									81	81	12	
6/ 67				.2	2.0	2.9	3.4	.7										76	76	62	
6/ 65				1.2	2.3	2.8	1.7											66	66	74	
4/ 63		.4	.6	1.7	1.3	1.6	.2											48	48	100	
2/ 61			.4	2.2	.5	1.0	.1											34	34	139	9
/ 59			1.3		.4													14	14	173	23
5/ 57			.7	.9	.2	.1												16	16	107	62
5/ 55			.1															1	1	96	108
4/ 53																				45	160
2/ 51																				8	150
5/ 49																				3	122
4/ 47																					82
4/ 45																					63
4/ 43																					27
2/ 41																					10
3/ 37																					3
TOTAL		.4	3.2	6.2	8.1	14.5	19.9	17.1	10.7	9.5	6.6	2.1	.2	.9	.2	.4		819	820	819	819

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
Ref. Hum.	2048267	39679	48.4	12.406	819							
Dry Bulb	4428751	59915	73.1	7.832	820			72.7	46.6	20.4	1.2	93
Wet Bulb	3109255	49533	60.5	4.063	819			8.4				93
Dew Point	2192221	42237	51.6	4.137	819							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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
[illegible] / 97																.1		1	1		
[illegible] / 91													.1	.2				3	3		
[illegible] / 89												.1						1	1		
8 / 87											.2	.4	.1					6	6		
[illegible] / 85										.1	.5	.4	.1					9	9		
4 / 83									.1	.7	.5	.1						12	12		
[illegible] / 81							.1	.2	1.3	1.9	.6	.1						36	36		
[illegible] / 79							.2	.8	1.7	1.2								33	33		
7 / 77							1.5	1.6	1.3	.6								41	41		
6 / 75						.2	1.7	2.4	1.3		.1							48	48		
4 / 73					.1	1.7	2.4	2.9	1.1	.2								70	70		
[illegible] / 71					.2	1.9	4.1	2.2										70	70		
[illegible] / 69				.1	1.6	3.1	3.9	.8	.1									80	80	1	
6 / 67				.2	1.9	4.0	3.0	.4	.2									81	81	21	
6 / 65				1.6	4.4	2.9	1.8	.1	.1									90	90	55	
4 / 63		.6	.2	3.0	3.5	1.8	.7											82	82	77	
[illegible] / 61		.7	.6	2.7	3.5	2.2												80	80	119	5
[illegible] / 59		.8	1.8	1.1	1.2	.7												47	47	163	27
[illegible] / 57		.5	1.0	.7	.7													24	24	148	67
5 / 55		.2	.4	.1	.1													7	7	121	78
4 / 53		.1	.4															4	4	81	142
2 / 51			.1															1	1	28	171
5 / 49																				11	127
[illegible] / 47																				1	97
4 / 45																					62
[illegible] / 43																					26
[illegible] / 41																					15
4 / 39																					6
3 / 37																					3
TOTAL		3.0	4.5	9.6	17.3	18.6	19.5	11.5	7.4	4.8	1.9	1.1	.4	.2		.1			826		826
																		826		826	

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.	2581456	44874	54.3	13.193	826							
Dry Bulb	3997313	57146	69.2	7.280	826			55.3	29.3	9.5	.1	93
Wet Bulb	2871846	48592	58.8	4.011	826			2.5				93
Dew Point	2178656	42274	51.2	4.279	826							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

7793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | JUL 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
[illegible] / 83											.1							1	1		
/ 79									.2	.2	.1							5	5		
7 / 77								.3	.2	.1								5	5		
5/ 75							.1	.4	.6									9	9		
47 73						.9	1.2	.9	.2									26	26		
/ 71					.7	.7	2.6	.4	.1									37	37		
/ 69				.1	1.6	1.7	1.5	.2										42	42		
6 / 67				.6	3.0	2.2	1.5	.1										61	61		
67 65			.4	2.7	4.4	3.2	.7											93	93	2	
47 63		.4	.4	4.0	5.1	1.5	.1											94	94	28	
/ 61		.5	2.2	7.2	5.2	1.1	.1											134	134	61	1
/ 59		2.1	7.2	5.3	3.4	.2												150	150	101	11
/ 57		.6	4.7	3.5	2.3	.1												87	88	160	44
5 / 55		1.3	1.9	1.8	.5													46	46	208	83
47 53		.9	1.5	.7														21	21	132	132
27 51		.5	1.0															12	12	81	170
5 / 49																				40	157
/ 47																				10	100
4 / 45																					73
4/ 43																					35
27 41																					16
4 / 39																					1
TOTAL		6.2	18.0	26.0	26.2	11.5	7.8	2.2	1.5	.4	.2							823	824	823	823

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.	3677223	54141	65.8	11.857	823							
Dry Bulb	3269547	51715	62.8	5.385	824			21.0	5.2	.5		93
Wet Bulb	2593814	46116	56.7	3.444	823							93
Dew Point	2128219	41731	50.7	3.854	823							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]93 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
JUL — 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]/ 97																.0		2	2		
[illegible]/ 95														.0	.0	.0		6	6		
[illegible]/ 93													.0	.1		.0		7	7		
[illegible]/ 91												.0	.1	.1				10	10		
[illegible]/ 89												.1	.0					8	8		
[illegible]/ 87										.0	.2	.2	.0					27	27		
[illegible]/ 85									.0	.3	.5	.1	.0					62	62		
[illegible]/ 83								.1	.3	.5	.3	.0						82	82		
[illegible]/ 81							.0	.2	.6	.8	.2	.0						119	119		
[illegible]/ 79							.1	.7	.8	.5	.2							154	154		
7[illegible]/ 77						.0	.4	.9	.7	.3	.0	.0						159	159		
[illegible]/ 75					.0	.1	.8	1.5	.8	.1	.0							216	217		
[illegible]/ 73					.1	1.0	1.7	1.4	.4	.0								301	301		
[illegible]/ 71					.3	1.1	2.4	.9	.1	.0								321	321		
[illegible]/ 69				.1	1.0	2.3	1.9	.5	.1									384	384	23	
[illegible]/ 67				.6	1.9	2.7	1.4	.3	.0									457	457	129	
[illegible]/ 65		.0	.2	1.7	3.3	2.1	.9	.1	.0									545	546	224	
[illegible]/ 63		.3	.6	2.8	3.2	1.3	.3											565	566	360	1
[illegible]/ 61		.3	1.6	3.7	2.8	.9	.7											618	618	593	31
[illegible]/ 59		1.2	4.5	4.3	1.5	.1												767	769	857	144
[illegible]/ 57	.1	1.7	5.5	3.0	.8	.0												723	725	1014	364
5[illegible]/ 55	.1	2.4	4.7	1.9	.2													568	568	1224	648
[illegible]/ 53	.1	1.6	2.1	.9														305	305	1104	1117
[illegible]/ 51		.6	.9	.2														113	113	605	1329
5[illegible]/ 49		.3	.4															46	48	302	1250
[illegible]/ 47		.1	.1															11	11	117	821
[illegible]/ 45		.1																1	1	23	506
[illegible]/ 43																				2	260
[illegible]/ 41																					89
[illegible]/ 39																					11
[illegible]/ 37																					6
TOTAL	.2	8.6	19.9	19.2	15.0	11.7	10.0	6.5	3.8	2.6	1.5	.5	.2	.2	.0	.1			6586		6577
																		6577		6577	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	28177761	418407	63.6	15.403	6577							
Dry Bulb	27826146	424628	64.5	8.253	6586			261.6	130.4	44.2	1.7	744
Wet Bulb	21332260	373414	56.8	4.470	6577			17.2				744
Dew Point	17170413	335061	50.9	3.918	6577							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7930 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
AUG — 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
/ 79							.1	.1	.2									4	4		
7 / 77							.2	.2										4	4		
6/ 75						.2	.5	.1										7	7		
4/ 73							.5											4	4		
/ 71						.4	.2											5	5		
/ 69	.1		.1		.4	.6	.1											11	11	1	1
6 / 67			.1	.6	.5	.4												13	13	2	
6/ 65			.5	1.6	.7													23	23	5	
4/ 63		.1	2.2	2.7	1.5	.2												55	55	11	1
2/ 61		1.6	6.1	3.6	1.3													104	104	24	4
/ 59	.4	7.7	9.9	4.6	.6													190	190	71	16
/ 57		8.8	10.1	2.9	.2													181	181	176	49
5 / 55	.2	7.3	8.0	1.6	.1													142	143	198	187
4/ 53	.2	3.5	2.9	.1														56	56	187	170
2/ 51	.1	1.0	.7															15	15	102	158
5 / 49	.1	.2	.4															6	6	39	136
/ 47		.1																1	1	3	65
4 / 45	.1																	1	1	3	22
47 43																					11
2/ 41																					2
TOTAL	1.0	30.3	41.0	17.8	5.4	1.8	1.7	.5	.2										823		822
																		822		822	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 88 F	≥ 93 F	Total
Rel. Hum.	5227463	65027	79.1	10.072	822							
Dry Bulb	2892848	48652	59.1	4.516	823			5.4	2.1	.2		93
Wet Bulb	2529525	45521	55.4	3.245	822			.3				93
Dew Point	2272448	43128	52.5	3.427	822			.1				93

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

USAFETAC

...RAL CLIMATOLOGY BRANCH
...AFETAC
AI... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 75						.1	.2											3	3		
4 / 73					.1													1	1		
/ 71					.1	.2												3	3		
/ 69					.1	.1												2	2		
8 / 67			.2	.8	.2													11	11		
6 / 65		.1	.1	.4	.1	.1												7	7	3	
4 / 63		.1	.4	1.1	.2													15	15	8	1
/ 61		2.8	3.4	1.4	.4													66	66	14	3
/ 59		5.3	7.5	2.2	.1													125	125	34	12
/ 57	.7	13.2	10.0	1.7	.2													214	214	118	50
5 / 55	1.6	13.3	8.3	1.3														203	203	220	146
4 / 53	1.4	6.3	4.2	.2														101	101	202	197
2 / 51	.6	4.1	1.2															49	49	129	155
5 / 49	.4	1.7	.8															24	24	75	149
/ 47		.5																4	4	20	77
4 / 45																				5	27
4 / 43																					9
2 / 41																					2
TOTAL	4.7	47.3	36.2	9.2	1.7	.6	.2												828		828
																		828		828	

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.	5895142	69534	84.0	8.214	828							
Dry Bulb	2699735	47179	57.0	3.729	828			2.2	.4			93
Wet Bulb	2446490	44932	54.3	3.153	828							93
Dew Point	2260039	43169	52.1	3.364	828							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | AUG 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
/ 79							.1											1	1		
7 / 77							.2											2	2		
6/ 75						.4												3	3		
4/ 73					.2	.4	.1											6	6		
/ 71				.4	.5	.1												8	8		
/ 69				.4	.5	.4												10	10		
/ 67				.6	.2	.2												9	9	3	
6/ 65			.2	1.5	.4	.1												18	18	10	
4/ 63		.2	1.5	1.0	.6													27	27	11	
2/ 61		1.4	4.6	2.7	1.3													78	78	19	10
/ 59		8.0	7.9	3.1	.5													158	158	47	18
/ 57	.7	12.2	9.2	2.5														200	200	149	68
5 / 55	1.4	9.6	8.4	.4														160	162	199	139
4/ 53	1.2	5.2	3.7	.2														84	84	192	194
2/ 51	.9	2.2	1.5															37	37	125	154
5 / 49	.1	.6	.4															9	9	41	133
/ 47																				14	71
4 / 45		.1																1	1		18
4/ 43																				1	5
2/ 41																					1
TOTAL	4.3	39.6	37.4	12.7	3.9	1.6	.5												813		811
																		811		811	

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.	5544854	66624	82.2	9.406	811							
Dry Bulb	2762569	47259	58.1	4.361	813			4.5	1.4			93
Wet Bulb	2463196	44614	55.1	3.321	811			.3				93
Dew Point	2253212	42663	52.6	3.374	811							93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]3 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 91											.1							1	1		
8/ 87										.2								2	2		
6/ 85									.5	.2								6	6		
4/ 83								.1	.2	.1								4	4		
/ 81								.7	.7									12	12		
/ 79								.7	.2									8	8		
7 / 77							.9	.6										12	12		
6/ 75						.4	.7	.5										13	13		
4/ 73					.1	1.0	1.1											18	18		
/ 71				.1	.7	1.5	.9											26	26	1	
/ 69				.2	3.2	1.7	.2											44	45	8	
6 / 67				1.1	2.1	2.6	.1											48	48	17	
6/ 65			1.1	4.9	4.1	1.0	.1											92	92	24	
4/ 63		.1	2.7	6.2	4.6	1.0												120	120	34	
/ 61		1.8	4.7	6.3	2.3	.2												127	127	73	14
/ 59	.1	3.9	7.8	5.2	.4													143	143	135	34
5 / 57	.4	3.8	5.3	1.5														90	90	207	113
5 / 55	.4	1.7	1.9	.5														37	37	173	166
4/ 53	.2	1.2	.5	.1														17	17	111	167
2/ 51	.2		.1															3	3	34	146
5 / 49																				6	132
4 / 47																					39
4 / 45																					10
4/ 43																					2
TOTAL	1.3	12.5	24.2	26.1	17.5	9.2	4.0	2.7	1.7	.6	.1							823	824	823	823

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.	4231983	58087	70.6	12.683	823							
Dry Bulb	3372975	52459	63.7	6.355	824			22.0	8.6	3.5		93
Wet Bulb	2758338	47548	57.8	3.708	823			2.9				93
Dew Point	2361848	44000	53.5	3.396	823							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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
AUG — MONTH

1200-1400 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] 99															.1			1	1		
[illegible] 97														.1				1	1		
[illegible] 95														.2				2	2		
[illegible] 93												.4	.1					4	4		
[illegible] 91											.4	.6	.2					10	10		
[illegible] 89										.2	.4	.4						8	8		
[illegible] 87										.5	.6	.1	.1					11	11		
[illegible] 85									.1	.6	.2							8	8		
[illegible] 83								.2	.6	.9								14	14		
[illegible] 81							.1	.1	2.1	.2								21	21		
[illegible] 79							.1	1.1	1.0									18	18		
[illegible] 77							1.0	1.3	.7									25	25		
[illegible] 75					.2	1.8	2.3	1.7	.6									55	56		
[illegible] 73					.1	2.4	2.2	1.6	.4									55	55		
[illegible] 71				.1	1.6	2.9	2.8	1.6	.1									75	75	12	
[illegible] 69				.2	2.8	4.0	2.3	.5										81	81	21	
[illegible] 67			.2	1.3	4.6	3.9	1.6		.1									97	97	33	
61 65			.6	2.8	6.3	3.7	.5											111	111	60	
[illegible] 63		.4	1.0	3.8	3.5	.4	.1											75	75	87	2
[illegible] 61		1.0	3.2	3.8	1.6	.2												80	80	106	16
[illegible] 59	.1	1.5	1.6	.9	.2													35	35	176	64
[illegible] 57	.1	.9	1.0	.4	.1													20	20	171	126
5 [illegible] 55		.9	.5															11	11	112	150
[illegible] 53																				35	139
[illegible] 51																				5	142
5 [illegible] 49																					103
[illegible] 47																					47
[illegible] 45																					21
[illegible] 43																					5
[illegible] 41																					2
[illegible] 39																					1
TOTAL	.2	4.5	8.1	13.3	20.9	19.4	13.1	8.2	5.7	2.4	1.6	1.5	.5	.4	.1				819		818
																		818		818	

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.	2998377	48177	58.9	14.035	818							
Dry Bulb	4002547	56901	69.5	7.762	819			55.3	26.6	10.3	.9	93
Wet Bulb	2773288	49206	60.2	4.042	818			7.5				93
Dew Point	2366641	43886	53.7	3.855	818							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

7793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | AUG MONTH

 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					
[illegible] 9															.1	.1		2	2			
[illegible] 97														.1	.1	.1		3	3			
[illegible] 95													.2	.2	.2			6	6			
[illegible] 93												.1	1.1	.4	.1			14	14			
/ 91											.1	.4		.1				5	5			
/ 89												.4	.4					6	6			
8/ 87											1.5	.5						16	16			
[illegible] 85									.1	1.5	1.6	.2						28	28			
/ 83								.1	1.0	1.0	.5							21	21			
/ 81						.1		.5	1.2	1.2	.6							30	30			
/ 79							.2	1.5	1.2	1.0								32	32			
7 / 77						.4	1.8	.9	1.8	.6		.1						46	46			
6/ 75					.2	1.1	1.6	2.7	1.3	.7								63	63			
4/ 73					.1	2.4	3.5	2.6	1.2									81	81			
/ 71					.6	3.5	3.3	2.4	.4									84	84	7		
/ 69					1.6	1.9	3.4	.5	.7									67	68	24		
6 / 67			.1	.9	2.2	3.4	1.3	.5	.1									70	70	69	1	
6/ 65			.2	2.6	4.8	2.1	.1	.1										81	81	76		
4/ 63		.9	1.0	2.8	1.7	1.0	.2											62	62	84	2	
/ 61		1.2	1.9	1.7	.7	.1												47	47	122	12	
/ 59	.4	1.5	1.2	.9														32	32	155	55	
/ 57	.2	1.3	.5															17	17	175	137	
5 / 55		.5	.4															7	7	78	120	
4/ 53		.1																1	1	30	153	
2/ 51																				1	134	
5 / 49																					91	
[illegible] / 47																					64	
4 / 45																					24	
[illegible]4/ 43																					16	
2/ 41																					7	
3 / 37																					5	
TOTAL	.6	5.5	5.4	8.8	11.9	16.1	15.6	11.7	9.1	6.0	4.3	1.7	1.7	.9	.6	.2			822		821	
																		821		821		

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.	2618768	44452	54.1	16.078	821							
Dry Bulb	4307917	59083	71.9	8.634	822			65.1	39.9	16.9	2.8	93
Wet Bulb	3050572	49930	60.8	4.136	821			11.3				93
Dew Point	2335671	43647	53.2	4.315	821			.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

7 [illegible] | SEATTLE/TACOMA IAP, WA | 73-81 | AUG
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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31								
[illegible]														.1								1	1		
[illegible]												.1		.1								2	2		
[illegible]												.2	.1	.2								5	5		
[illegible]												.2	.1									3	3		
5 / 87										.2	.1	.6										8	8		
[illegible]									.1	.4	.7		.1									11	11		
[illegible]									.7	.2	.5											12	12		
[illegible]								.4	.9	1.0	.2											20	20		
[illegible]								.9	1.6	.4	.1											24	24		
7 / 77						.1	.7	1.1	.7	.1												23	23		
[illegible]						.5	1.7	1.5	1.0	.1	.1											40	40		
[illegible]					.2	1.2	1.8	1.0	.6													40	40		
[illegible]				1.5	1.7	1.5	1.3	.2														51	51	3	
[illegible]			.2	3.4	2.7	2.6	.9	.1														81	81	5	
7 / 67			1.5	1.7	2.7	1.6	.1															62	62	23	
6 / 65		1.1	3.5	4.3	2.3	.7																98	99	54	
4 / 63	.5	2.1	4.9	4.3	1.3	.2																109	110	70	
[illegible] / 61	1.[illegible]	2.9	5.2	2.6	.9																	103	103	114	4
[illegible] / 59	.2 2.8	2.9	2.2	.2	.1																	70	70	135	42
[illegible] / 57	2.4	1.[illegible]	1.2	.2																		40	40	181	126
5 / 55	1.3	.4	.1																			15	16	146	140
[illegible] / 53	.2																					2	2	71	143
[illegible] 51																								15	136
5 / [illegible]																								3	115
[illegible] / 47																									57
4 / 45																									28
[illegible] / 43																									18
[illegible] / 41																									8
[illegible] / [illegible]																									3
T TAL	.2 8.3	10.4	18.9	18.4	13.5	10.9	7.1	6.0	2.4	1.8	1.2	.4	.5										823		820
																						820		820	

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.	3262674	50136	61.1	15.518	820							
Dry Bulb	3812125	55659	67.6	7.637	823			43.3	21.4	8.4	.3	93
Wet Bulb	2370453	48411	59.0	3.887	820			3.5				93
Dew Point	2310801	43307	52.8	4.077	820							93

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

JOINT CLIMATOLOGY BRANCH
[illegible]ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
AUG — MONTH

PAGE 1
2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8[illegible] / 8[illegible]										.1								1	1		
[illegible] / 8[illegible]									.2		.2							4	4		
/ 8[illegible]								.2		.5								6	6		
/ 7[illegible]								.2	.7	.1								9	9		
7 / 77							.2	.7		.1								9	9		
[illegible] / 7[illegible]							.8	.7										13	13		
[illegible] / 7[illegible]						.7	.8	.2										15	15		
/ 71					.4	1.5	.4											18	18		
/ 69				.1	1.6	1.0	.5											26	26	2	
[illegible] / 67				.6	2.1	1.6	.5											39	39	5	
67 / 65			.5	3.3	1.8	1.0												58	58	5	
[illegible] / 6[illegible]		.5	2.5	4.1	3.6	1.5	.2											103	103	41	
[illegible] / 61		2.4	6.7	7.[illegible]	2.8	.5												160	160	64	3
/ 59	.2	5.6	8.2	5.1	.6	.1												164	164	113	17
/ 57		5.1	6.5	1.6	1.[illegible]													117	117	165	98
5 / 55		2.4	3.8	1.6														64	64	206	169
[illegible] / 53		1.2	1.[illegible]															18	18	133	172
[illegible] / 51		.2																2	2	57	145
[illegible] / [illegible]																				15	123
/ 47																					56
[illegible] / 45																					27
[illegible] / 43																					15
[illegible] / 41																					1
T[illegible]	.2	17.4	29.2	23.8	13.8	7.7	3.5	2.2	1.0	.8	.2								526		826
																		826		826	

[illegible]	$\Sigma x'$	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
[illegible] Mean	4436639	59617	72.2	12.733	826							
[illegible] Bulb	3226561	51411	62.2	5.688	826			15.8	6.4	1.7		93
[illegible] Bulb	2675878	46930	56.8	3.394	826			.8				93
[illegible] Point	2336633	43551	52.7	3.550	826							93

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 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
[illegible]9															.0	.0		3	3		
[illegible]7														.0	.0	.0		4	4		
[illegible]5													.0	.1	.0			9	9		
[illegible]7												.1	.2	.1	.0			20	20		
[illegible]1											.1	.2	.0	.0				21	21		
[illegible]9										.0	.0	.1	.1					17	17		
[illegible]7										.1	.3	.2	.0					37	37		
[illegible]5									.1	.4	.3	.0	.0					54	54		
[illegible]3								.1	.4	.3	.2							55	55		
[illegible]1						.0	.0	.2	.6	.4	.1							89	89		
[illegible]9							.1	.6	.6	.2	.0							96	96		
[illegible]7						.1	.6	.6	.4	.1		.0						121	121		
[illegible]5					.1	.6	1.0	.9	.4	.1	.0							197	198		
[illegible]3					.1	1.0	1.3	.7	.3									220	220		
[illegible]1				.1	.7	1.5	1.1	.7	.1									270	270	23	
[illegible]9	.[illegible]		.0	.2	1.7	1.6	1.1	.2	.1									322	324	61	1
[illegible]7			.1	.9	1.7	1.8	.6	.1	.0									349	349	152	1
[illegible]5		.0	.5	2.6	2.8	1.3	.2	.0										488	489	237	
[illegible]3		.4	1.7	3.3	2.5	.7	.1											566	567	346	6
[illegible]1		1.6	4.2	4.0	1.6	.2												765	765	536	66
[illegible]9	.2	4.5	5.9	3.0	.3	.0												917	917	866	258
[illegible]7	.3	6.0	5.5	1.5	.2													879	879	1362	767
[illegible]5	.4	4.6	4.0	.7	.0													639	643	1332	1217
[illegible]3	.4	2.2	1.5	.1														279	279	961	1335
[illegible]1	.2	.9	.4															106	106	468	1173
[illegible]9	.1	.3	.2															39	39	179	982
[illegible]7		.1																5	5	37	476
[illegible]5	.[illegible]	.0																2	2	8	177
[illegible]3																				1	81
[illegible]1																					23
[illegible]9																					4
[illegible]7																					5
TOTAL	1.[illegible]	21.7	24.0	16.3	11.7	8.8	6.2	4.0	3.0	1.5	1.0	.5	.3	.2	.1	.0			6578		6569
																		6569		6569	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature							
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	342159[illegible]30	461654	70.3	16.425	6569							
Dry Bulb	27[illegible]7277	418603	63.6	8.167	6578			213.4	106.8	40.9	4.1	744
Wet Bulb	2176774[illegible]	377192	57.4	4.290	6569			28.7				744
Dew Point	18457292	347348	52.9	3.715	6569			.2				744

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
SEP — MONTH

PAGE 1
0600-0200 — 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
4/ 73											.3							2	2		
/ 71										.1								1	1		
/ 69								.1										1	1		
6 / 67						.4	.1											4	4		
6/ 65			.1	.6	.6	.8	.1			.1								19	19		
4/ 63			1.0	1.1	.6		.1		.1									25	25		
/ 61		1.5	2.0	2.9	1.5				.1									64	64	2	
/ 59		4.6	6.3	3.5	.3													133	133	37	3
/ 57	.4	6.5	1.0	2.9	.1	.3												161	161	92	38
5 / 55		8.4	9.8	1.4	.1													157	157	175	69
4/ 53		6.8	7.2	.3	.4													116	117	183	129
2/ 51		3.8	3.8	.1														61	61	146	166
5 / 49		2.6	2.1															38	38	80	163
/ 47		.9	.8															13	13	59	119
4 / 45		.1																1	1	17	50
4/ 43		.1																1	1	6	30
2/ 41																					18
4 / 39																					5
3 / 37																					1
/ 35																					3
/ 33																					2
/ 31																					1
TAL	.4	35.4	45.0	12.8	3.8	1.4	.4	.1	.3	.3	.3							797	798	797	797

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.	5173716	63737	80.0	9.881	797							
Dry Bulb	2573474	45204	56.6	4.0 1	798			.9	.2			90
Wet Bulb	2266673	42419	53.2	3.361	797							90
Dew Point	2033270	40124	50.3	4.084	797		.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
SEP — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 69										.4								3	3		
4/ 63		.3	.4	.1	.4													9	9		
2/ 61		1.0	1.0	1.6	.3			.1										32	32	3	
/ 59		3.5	5.8	1.6														87	87	17	3
/ 57	.8	8.1	6.8					.1										125	125	60	29
5 / 55	.3	11.2	9.3	1.6	.3													180	180	136	51
4/ 53		13.9	7.6		.1													171	171	157	128
2/ 51	.1	7.1	5.9															104	104	201	169
5 / 49		3.4	2.0															43	44	114	180
/ 47		2.3	1.0															26	26	61	110
4 / 45		1.1	.4															12	12	30	64
4/ 43		.1	.1															2	2	13	27
2/ 41																				2	17
4 / 39																					9
2 / 37																					2
/ 35																					3
/ 33																					1
/ 27																					1
TAL	1.1	51.9	40.3	5.3	1.0			.3		.4								794	795	794	794

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.	5620882	66510	83.8	7.910	794							
Dry Bulb	2410267	43675	54.9	3.703	795			.3				90
Wet Bulb	2179677	41511	52.3	3.451	794							90
Dew Point	2002916	39754	50.1	3.972	794		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
SEP — MONTH

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					
6/ 75											.1								1	1		
/ 71										.1									1	1		
/ 69										.1									1	1		
6 / 67					.3	.1													3	3		
6/ 65		.1		.3	.3	.3													7	7		
4/ 63		.5	.3	1.0	.3				.1										17	17	1	
/ 61		1.3	1.7	3.2	.3														50	51	5	1
/ 59		4.0	6.2	.9	.6		.1												93	93	19	6
/ 57	.4	7.0	8.5	1.0	.3		.1												136	136	80	29
5 / 55	.3	11.0	8.5	.9	.1														163	163	131	68
4/ 53	.3	10.5	5.2	.6															130	130	187	114
2/ 51		8.2	4.5																99	99	157	185
5 / 49	.3	3.6	2.9	.1															54	54	98	170
/ 47		1.9																	15	15	63	84
4 / 45		.6	.8																11	11	31	63
4/ 43	.3		.1																3	3	7	36
2/ 41																					5	12
4 / 39																						8
3 / 37																						5
1 / 35																						2
3 / 33																						1
TAL	1.4	48.6	38.8	8.0	2.0	.4	.3		.1	.3	.1									785		784
																			784		784	

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.	5460167	65066	83.0	8.767	784							
Dry Bulb	2429612	43552	55.5	4.124	785			.7	.1			90
Wet Bulb	2180544	41252	52.6	3.569	784							90
Dew Point	1995480	39430	50.3	3.982	784							90

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — 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
[illegible]									.1				.1					2	2		
/ 81									.1	.1		.1						3	3		
/ 79										.3			.1					3	3		
7 / 77								.5	.1									5	5		
6/ 75						.1	.8	.1	.4		.1							12	12		
4/ 73						.1	.4	.5										8	8		
/ 71					.1	1.0	1.0	.3		.4								22	22		
/ 69			.1		1.3	2.4	.9		.1									38	38		
6 / 67			.4	.6	2.9	2.0	.4	.4										53	53	1	
6/ 65			.5	2.9	4.3	.8	.3											67	67	4	
4/ 63		.5	1.8	5.9	3.6	.6	.4											102	102	24	
/ 61		1.6	3.3	7.4	1.0	.3												108	108	41	4
/ 59		2.0	6.0	3.6	1.3	.1												104	105	121	18
/ 57		3.6	7.4	2.8	.9													117	117	169	49
5 / 55		3.6	5.4	1.5	.3													86	86	173	100
4/ 53		1.5	2.9	.9														42	42	142	156
2/ 51		.5	1.8	.5														22	22	62	212
5 / 49		.4	.1															4	4	38	114
/ 47		.3																2	2	23	59
4 / 45																				2	45
4/ 43																					22
2/ 41																					12
4 / 39																					7
3 / 37																					2
TOTAL		14.0	29.5	26.0	15.3	7.4	4.0	1.8	.9	.8	.1	.1	.3					800	801	800	800

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.	4172486	56856	71.1	12.840	800							
Dry Bulb	3058944	49284	61.5	5.766	801			16.4	3.7	.7		90
Wet Bulb	2514043	44753	55.9	3.626	800			.1				90
Dew Point	2139998	41258	51.6	3.911	800							90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | SEP 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
/ 91													.1					1	1		
/ 89												.3						2	2		
8/ 87											.3			.1				3	3		
6/ 85										.1	.1	.4	.6	.3				12	12		
4/ 83									.1	.6	.4	.1	.1					11	11		
/ 81								.1	.6	.5	.5							14	14		
/ 79							.1	.5	.3	.6	.1							13	13		
7 / 77							.6	1.0	1.6	.5	.1	.1						32	32		
6/ 75						.5	1.1	1.4	.8		.3	.1						33	33		
4/ 73				.1	.1	1.3	2.8	1.3	.1	.3								47	47		
2/ 71				.1	.5	2.9	2.7	1.1										58	58		
/ 69				.4	1.6	4.0	2.1	.1										66	66		
6 / 67			.1	.3	3.5	4.7	1.3	.1										79	79	17	
6/ 65			1.4	2.4	5.1	2.8	.1											93	93	25	
4/ 63		.5	1.1	3.2	3.8	1.8	.3											84	84	66	1
/ 61		.8	2.[illegible]	3.8	3.2	2.3												95	95	119	13
/ 59		1.3	2.9	2.8	1.8	.8												75	75	144	23
[illegible] / 57		1.0	1.6	1.8	.6													40	41	168	58
5 / 55		.9	1.8	.3	.1													24	25	113	116
4/ 53		.1	.5	.5														9	9	75	139
2/ 51																				49	158
5 / 49			.1															1	1	12	116
[illegible] / 47																				4	77
4 / 45																					41
4/ 43																					21
2/ 41																					18
4 / 39																					7
3 / 37																					2
2 / 35																					1
3 / 33																					1
TOTAL	4.5	11.6	15.5	20.3	21.0	11.1	5.7	3.5	2.7	1.8	1.0	.9	.4						794		792
																		792		792	

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.	3304153	47427	59.9	14.404	792							
Dry Bulb	3600534	53162	67.0	7.198	794			42.1	19.0	5.6		90
Wet Bulb	2696445	46139	58.2	3.903	792			1.9				90
Dew Point	2131359	40937	51.7	4.413	792							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

72793 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
9/ 93																.4		3	3		
9/ 91													.1	.1				2	2		
/ 89													.1					1	1		
8/ 87												.3	.1	.4				6	6		
6/ 85										.3	.3	.4	.1	.1	.3			11	11		
4/ 83											.1	.4	.3	.1				7	7		
/ 81								.5	1.0	1.0	.6							25	25		
/ 79							.1	.6	.5	.9	.4	.4						23	23		
7 / 77							.8	1.5	1.3	.5	.4	.1	.1					37	37		
6/ 75						.5	1.3	2.4	.8	.3	.1							42	42		
4/ 73					.6	.8	2.4	1.8	.4	.1		.1						49	49		
/ 71				.1	1.3	1.5	3.8	1.8	.6									70	70		
/ 69				.3	1.3	2.8	2.4	.5										57	57	1	
6 / 67			.1	1.1	2.1	2.1	2.1	.1										62	62	16	
6/ 65			.4	1.8	4.0	2.8	1.3	.1										82	82	34	
4/ 63		.4	2.1	2.3	3.5	2.8	.5	.1										93	93	61	1
2/ 61		1.5	1.6	3.6	1.6	2.1	.4											87	87	125	9
/ 59		.6	1.8	3.1	1.4	.6												60	60	140	31
/ 57		1.1	1.4	1.8	.8	.1												40	40	139	56
5 / 55		1.8	1.5	.5	.3													32	33	126	91
4/ 53		.3	.1	.3														5	5	90	133
2/ 51			.4															3	3	48	139
5 / 49																				14	113
/ 47																				3	89
4/ 45																					51
0 4/ 43																					47
2/ 41																					19
4 / 39																					9
3 7/ 37																					4
3 / 33																					2
2/ 31																					3
TOTAL		5.5	9.4	14.8	16.6	16.1	14.9	9.4	4.5	3.0	1.9	1.6	.9	.8	.3	.4			798		797
																		797		797	

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.	2834178	45820	57.5	15.849	797							
Dry Bulb	3736491	54031	67.7	7.773	798			44.5	23.2	7.7	.3	90
Wet Bulb	2712154	46387	58.2	4.065	797			1.9				90
Dew Point	2092483	40651	51.0	4.896	797		.3					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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
SEP — MONTH

1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
8/ 87													.1					1	1		
8/ 85													.1					1	1		
8/ 83											.3							2	2		
/ 81												.1	.1					2	2		
/ 79										.1		.1						2	2		
7 / 77							.3	.5	.5	.1								11	11		
6/ 75							.4	.6	.4		.3	.1						14	14		
4/ 73						.5	.8	1.0	.1	.1	.1							21	21		
/ 71						.8	1.4	1.1	.1		.1							28	28		
/ 69				.1	.9	2.5	1.4	.6	.3	.1								47	47		
6 / 67				.6	1.8	1.6	1.1	.5		.1								46	46		
6/ 65		.3	.9	3.3	2.9	1.6	.5		.1									76	76	5	
4/ 63			1.6	4.8	3.0	.9	.1											83	83	21	1
/ 61		1.9	3.8	5.8	4.5	.5	.1											132	132	53	2
/ 59		1.9	6.9	4.9	2.7	.4												128	128	116	10
/ 57		1.3	3.3	3.0	1.4	.3												73	73	166	58
5 / 55		3.0	3.1	2.3	.9													74	74	154	88
4/ 53		.6	1.8	1.9														34	34	131	135
2/ 51		.6	1.3	.3														17	17	69	142
5 / 49			.4															3	3	55	125
4 / 47		.1																1	1	25	103
4 / 45																				1	55
4/ 43																					40
2/ 41																					20
4 / 39																					6
3 / 37																					4
2 / 35																					3
3 / 33																					1
2/ 31																					3
TOTAL		9.7	23.0	26.9	17.3	9.0	6.0	4.4	1.5	.6	.8	.4	.4						796		796
																		796		796	

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.	3751567	53473	67.2	14.160	796							
Dry Bulb	3126795	49653	62.4	6.095	796			19.8	6.1	.9		90
Wet Bulb	2493345	44449	55.8	3.769	796							90
Dew Point	2059047	40317	50.6	4.626	796		.3					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

7[illegible]93 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
7 / 77											.1								1	1		
6 / 75											.3								2	2		
4 / 73							.3	.3											4	4		
[illegible] / 71							.4	.5	.3	.3									11	11		
[illegible] / 69					.3	.1	.6	.1	.3										11	11		
5 / 67				.4	.8	1.3	.6	.1	.1	.1									27	27		
6 / 65			.5	1.3	1.[illegible]	.5	.1		.1	.1									29	29		
4 / 63		.1	1.4	3.9	2.6	.5	.3												70	70		
[illegible] / 61		2.0	4.4	7.3	2.3	.4	.1												131	131	13	
/ 59	.1	2.6	8.7	5.[illegible]	.5	.1													136	136	73	4
[illegible] / 57		3.8	8.2	3.9	.3	.4													131	131	137	46
5 / 55		5.5	6.5	2.6	.6														122	122	203	78
4 / 53		2.8	3.8	.9															59	59	164	131
2 / 51		.6	4.5	.3															43	43	92	179
5 / 49		.4	1.[illegible]	.1															12	12	55	147
[illegible] / 47		.4	.5																7	7	49	82
4 / 45																					7	63
4 / 43																					3	28
2 / 41																						16
4 / 39																						13
3 / 37																						4
[illegible] / 35																						3
[illegible] / 31																						1
[illegible] / 29																						1
TOTAL	.1	18.2	39.4	25.6	8.3	3.3	2.4	1.0	.8	.5	.4								796	796		796
																			796		796	

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.	4512834	59170	74.3	12.000	796							
Dry Bulb	2790977	46983	59.0	4.740	796			6.3	.8			90
Wet Bulb	2360586	43262	54.3	3.426	796							90
Dew Point	2042248	40176	50.5	4.266	796		.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | SEP 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]/ 93																.0		3	3		
[illegible]/ 91													.0	.0				3	3		
[illegible]/ 89												.0	.0					3	3		
8/ 87											.0	.0	.0	.1				10	10		
6/ 85										.0	.0	.1	.1	.0	.0			24	24		
[illegible]/ 83									.0	.1	.1	.1	.1	.0				22	22		
[illegible]/ 81								.1	.2	.2	.1	.0	.0					44	44		
[illegible]/ 79							.0	.1	.1	.2	.1	.1	.0					41	41		
7/ 77							.2	.4	.4	.1	.1	.0	.0					86	86		
6/ 75						.1	.4	.6	.3	.0	.1	.0						104	104		
4/ 73				.0	.1	.3	.8	.6	.1	.1	.0	.0						131	131		
[illegible]/ 71				.0	.2	.8	1.1	.6	.1	.1	.0							191	191		
[illegible]/ 69			.0	.1	.7	1.5	.9	.2	.1	.1								224	224	1	
6/ 67			.1	.4	1.4	1.5	.7	.2	.0	.0								274	274	34	
6/ 65		.1	.5	1.6	2.2	1.2	.3	.0	.0	.0								373	373	68	
4/ 63		.3	1.2	2.8	2.2	.8	.2	.0	.0									483	483	173	3
[illegible]/ 61		1.4	2.5	4.5	1.8	.7	.1	.0	.0									699	700	361	29
[illegible]/ 59	.0	2.6	5.8	3.2	1.1	.3	.0											816	817	667	98
[illegible]/ 57	.2	4.0	5.9	2.1	.5	.1	.0	.0										823	824	1011	363
5/ 55	.1	5.7	5.7	1.4	.3													838	840	1211	661
4/ 53	.1	4.5	3.6	.7	.1													566	567	1129	1065
[illegible]/ 51	.1	2.6	2.8	.1														349	349	824	1350
[illegible]/ 49	.1	1.3	1.1	.0														155	156	466	1128
[illegible]/ 47		.7	.3															64	64	287	723
4/ 45		.2	.1															24	24	88	432
4/ 43	.1	.0	.0															6	6	29	251
[illegible]/ 41																				7	132
[illegible]/ 39																					64
3/ 37																					24
[illegible]/ 35																					15
3/ 33																					5
2/ 31																					7
[illegible]/ 29																					4
2/ 27																					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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7938 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-61 — YEARS
SEP — MONTH
PAGE 2
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				
TOTAL	.4	23.4	27.6	16.9	10.6	7.3	4.9	2.8	1.4	1.1	.7	.4	.3	.1	.[illegible]	.0		6356	6363		6356
																				6356	

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.	34529976	458652	72.1	15.465	6356							
Dry Bulb	23697094	395544	62.6	7.271	6363			131.3	53.3	14.5	.3	720
Wet Bulb	19413467	350135	55.1	4.263	6356			4.0				720
Dew Point	16496811	322647	50.8	4.316	6356		1.5					720

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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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
/ 61				.4	.7													5	5		
/ 59		.2	.7	.9														15	15		
/ 57		1.3	2.0	1.2	.2			.2										41	41	2	
5 / 55		2.0	4.0	.9	.1	.1	.1											59	60	26	6
4/ 53		4.2	5.4	1.1	.4		.1											91	91	51	19
/ 51		6.3	7.9	1.6	1.7													136	137	77	35
5 / 49	.1	7.4	7.7	.7	.1													131	131	120	91
/ 47	.1	9.8	5.8	.6	.1													134	134	149	112
4 / 45	.5	9.8	4.2															118	118	161	142
4/ 43		6.0	.9															56	56	134	110
2/ 41		2.6	.2															23	23	69	116
/ 39	.1	.5																5	5	22	111
/ 37		.1																1	1	3	56
/ 35																				1	10
3 / 33																					4
/ 27																					1
/ 25																					2
TOTAL	.9	53.0	38.8	7.4	2.2	.1	.2	.2											817		815
																		815		815	

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.	5515030	66647	81.8	9.010	815							93
Dry Bulb	2037447	40645	49.7	4.344	817							93
Wet Bulb	1811278	38290	47.0	3.896	815							93
Dew Point	1613663	36081	44.3	4.477	815		.3					93

USAFETAC FORM 0-26-5 (OL A) AUG 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] 3 | SEATTLE/TACOMA IAP, WA | 73-81 | OCT
STATION | STATION NAME | YEARS | MONTH

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

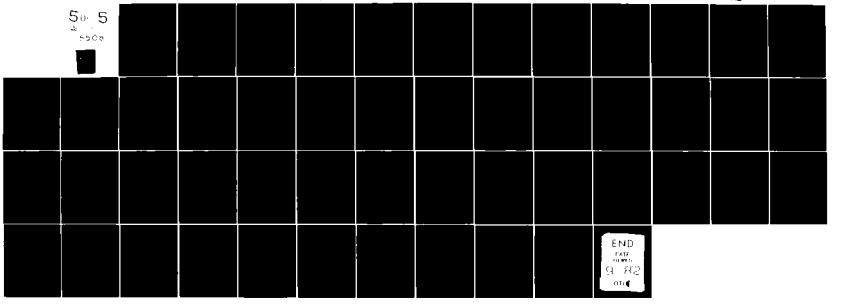
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 81				•		• 1												3	3		
[illegible] / 79		• 5		• 4	• 4	• 1	• 1											12	12		
[illegible] / 77		• 5	1 • 3	• 6			• 1											21	21	4	
5 / 75		2 • 2	2 • 1	• 9	• 4			• 1										46	46	7	4
[illegible] / 73		5 • 8	3 • 9	• 5														93	93	40	14
[illegible] / 71		6 • 6	5 • 8	• 6														106	106	83	38
[illegible] / 69	• 2	7 • 7	5 • 7	1 • 3	• 1	• 2												134	134	108	80
[illegible] / 67	• 2	11 • 0	2 • 8	• 7														121	121	120	111
[illegible] / 65	•	11 • 9	3 • 7	• 2														137	137	173	132
4 / 63	• 2	8 • 2	2 • 3															88	88	123	120
[illegible] / 61	• 5	3 • 8	• 4															38	38	97	115
[illegible] / [illegible]	• 4	1 • 6																16	16	42	98
3 / 57	• 5	• 6																9	9	14	76
[illegible] / 55	• 1																	1	1	4	18
3 / 53																					5
[illegible] / 51																					1
[illegible] / [illegible]																					2
[illegible] / 47																					1
[illegible]	3 • 2	57 • 5	29 • 1	5 • 5	• 9	• 5	• 2	• 1											815		815
																		815		815	

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.	5852779	68695	84.3	8.769	815							93
Dry Bulb	1937516	39566	48.5	4.529	815							93
Wet Bulb	17535 5	37659	46.2	4.755	815							93
Dew Point	1589229	35803	43.9	4.489	815		• 5					93

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

AD-A118 508 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
SEATTLE TACOMA IAP, WASHINGTON. REVISED UNIFORM SUMMARY OF SURF--ETC(U)
JUN 82

UNCLASSIFIED USAFETAC/DS-82/038 SBI-AD-F850 197 NL



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
OCT — MONTH

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							
4/ 63									.1									1	1		
/ 61					.1													1	1		
/ 59		.2	.4		.4	.1		.1										10	10		
/ 57		.4	1.6	.4	.1			.1										21	21	3	
5 / 55		1.8	3.3	.7														48	48	7	3
4/ 53		5.9	4.2	.9		.2												91	91	36	11
2/ 51	.1	6.6	5.3	.7	.4	.1												108	108	95	50
5 / 49	.1	8.6	5.6	.9	.4	.1												128	128	103	74
/ 47	.2	9.4	4.9	.9	.1													127	127	123	110
6 / 45	1.2	10.9	3.4															127	127	161	131
4/ 43	.6	7.6	1.8	.1														83	83	132	120
2/ 41	.5	4.3	.5															43	43	94	125
1 / 39	.9	1.2																17	17	47	83
3 / 37	.5	.6																9	9	10	65
/ 35	.2																	2	2	5	24
3 / 33	.1																	1	1	1	15
2/ 31																					2
/ 29																					3
/ 27																					1
T TAL	4.5	57.5	31.7	4.5	1.5	.6		.2	.1										817		817
																		817		817	

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
Ref. Hum.	5869385	68805	84.2	9.578	817							
Dry Bulb	1943542	39672	48.6	4.584	817							93
Wet Bulb	1757337	37743	46.2	4.101	817							93
Dew Point	1590917	35851	43.9	4.661	817		.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
OCT — 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
4/ 73									.1									1	1		
7/ 71						.1		.1										2	2		
/ 69						.1	.1											2	2		
6 / 67					.2	.1	.1	.1										5	5		
6/ 65				.2	.5	.2			.1									9	9		
4/ 63			.4	.4	.5	.5	.1		.2									17	17	1	
7/ 61			.2	1.2	1.3	.2												25	25	2	
/ 59		.2	.9	2.9	1.6	.2	.2	.1										51	51	9	
/ 57		1.1	2.6	2.7	1.3	.5												67	67	18	3
5 / 55		3.2	5.6	5.0	1.3	.6	.1											130	130	39	10
4/ 53	.1	2.9	6.1	5.5	1.0													127	127	105	25
2/ 51		5.0	7.2	2.9	.9													131	131	113	71
5 / 49		3.8	6.6	1.1	.1													95	95	149	98
/ 47	.2	6.3	3.6	.6														89	89	162	135
4 / 45	.6	3.0	1.5	.4														45	45	134	155
4/ 43	.5	1.5	.2															18	18	69	105
2/ 41		.6	.1															6	6	17	118
4 / 39	.2																	2	2	3	54
3 / 37																				1	27
/ 35																					12
3 / 33																					5
/ 31																					4
TOTAL	1.	27.6	34.8	22.9	8.8	2.7	.7	.4	.5									822	822		822
																		822		822	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4893525	62627	76.2	12.193	822							
Dry Bulb	2340267	43659	53.1	5.106	822			1.1	.1			93
Wet Bulb	1998227	40401	49.1	3.907	822							93
Dew Point	1715037	37369	45.5	4.442	822		.5					93

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

7743 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | OCT 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
/ 79									.1	.1								2	2		
7 / 77								.1										1	1		
6/ 75							.1	.2	.5									7	7		
4/ 73						.1			.1	.1								3	3		
/ 71						.2	.5	.5	.1									11	11		
/ 69						.7	.4	.5	.1									14	14		
6 / 67				.2	.5	1.1	1.0			.4								26	26		
6/ 65				.4	1.7	1.2	.5	.4	.4	.1								38	38	1	
4/ 63				1.1	2.3	2.4	.9											55	56	4	
/ 61			.4	1.3	2.8	2.2	.4											58	58	8	
/ 59		.1	1.6	4.4	3.3	2.1	.6											99	99	22	
/ 57		1.1	2.6	4.0	4.9	1.0	.2											113	113	56	2
5 / 55		1.1	4.9	5.6	3.2	1.0												129	130	87	17
4/ 53		2.4	4.5	5.5	.9													109	109	130	38
2/ 51		2.4	4.3	2.9														79	79	154	68
5 / 49		2.2	2.3	.6														42	42	153	120
/ 47	.2	2.1	1.0															27	27	135	139
4 / 45		.5		.1														5	5	59	133
4/ 43		.4																3	3	11	113
2/ 41																				1	111
4 / 39																					46
3 / 37																					15
2 / 35																					13
3 / 33																					2
2/ 31																					1
1 / 29																					2
/ 27																					1
TOTAL	.2	12.3	21.4	26.2	19.5	12.1	4.5	1.7	1.3	.7									823		821
																		821		821	

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.	3823327	54879	66.8	13.748	821							
Dry Bulb	2752227	47347	57.5	5.874	823			7.2	1.5	.2		93
Wet Bulb	2186245	42247	51.5	3.873	821							93
Dew Point	1751977	37749	46.0	4.459	821		.5					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7?3 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
OCT — MONTH

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					
/ 81									.1										1	1		
/ 79								.1		.1									2	2		
6/ 75								.5	.4										7	7		
4/ 73						.4			.5	.1									8	8		
/ 71							.6	.5											9	9		
/ 69					.1	.5	.6	.6	.1										16	16		
/ 67					.5	1.3	1.0		.1	.1									25	25		
6/ 65				.4	1.9	1.5		.2		.1									34	34	2	
4/ 63				1.1	1.9	1.7	1.0												47	47	4	
/ 61			.2	1.7	3.0	2.1	1.1	.1	.1										69	69	8	
/ 59			.6	4.6	3.6	2.3	.6	.1											98	98	27	
/ 57	.1	1.2	2.5	3.1	3.1	1.8	.4	.1											103	103	52	4
5/ 55		.7	4.6	4.6	4.1	.8													123	123	77	14
4/ 53	.2	2.1	4.0	5.1	1.7	.4													111	111	127	40
2/ 51		3.4	5.2	1.8	.4														89	89	132	57
5/ 49		2.8	2.4	.8															50	50	169	123
/ 47		1.2	.5	.1															18	18	143	148
4/ 45		1.9																	16	16	58	114
4/ 43		.1																	1	1	26	111
2/ 41																					2	91
4/ 39																						73
2/ 37																						29
/ 35																						13
3/ 33																						5
2/ 31																						1
/ 29																						3
2/ 27																						1
TOTAL	.4	13.4	20.4	23.3	20.4	12.7	5.2	2.3	1.3	.5										827		827
																			827		827	

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.	38.17433	54867	66.3	14.232	827							
Dry Bulb	2754158	47458	57.4	6.101	827			7.6	2.0	.3		93
Wet Bulb	2183168	42356	51.2	4.094	827							93
Dew Point	1739086	37723	45.6	4.752	827		.6					93

FORM AM 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

7[illegible]793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
OCT — MONTH

PAGE 1
1800-2000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
6/ 75								.2										2	2		
4/ 73							.1											1	1		
[illegible]/ 69						.1	.4											4	4		
5/ 67						.2	.1											3	3		
6/ 65					.2	.2												4	4		
4/ 63				.5	.7	.4	.5											17	17	1	
[illegible]/ 61			.1	1.1	1.3	.1			.1									23	23	2	
[illegible]/ 59			1.3	3.2	1.7			.1	.1									53	53	1	
[illegible]/ 57		.7	3.8	3.6	1.7	.2	.2											85	86	19	
5/ 55		1.0	5.5	3.3	1.9	.6												101	101	38	7
4/ 53	.2	3.3	5.7	5.2	2.3	.2												149	149	106	21
2/ 51	.1	3.2	9.6	4.7	.6													150	150	115	49
5/ 49		4.3	7.2	2.3	.1													114	115	119	110
4/ 47	.1	4.1	2.8	.5														62	62	195	126
4/ 45		3.3	2.7															49	49	133	124
[illegible]4/ 43		1.2	.6															15	15	69	121
[illegible]2/ 41																				23	121
4/ 39																				2	78
3/ 37																					45
3/ 35																					12
3/ 33																					6
[illegible]/ 27																					2
[illegible]/ 25																					2
TOTAL	.5	21.0	39.2	24.4	10.7	2.2	1.3	.4	.2									825	825	823	123

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	≤ 88 F	≤ 93 F	Total
Rel. Hum.	4604685	60853	73.9	11.312	823							
Dry Bulb	2357721	43919	53.2	4.888	825			1.1	.3			93
Wet Bulb	1983350	40278	48.9	3.841	823							93
Dew Point	1669183	36881	44.8	4.472	823		.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

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
OCT — 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] 67					.1													1	1		
6/ 65					.1													1	1		
4/ 64				.2	.5		.1											7	7		
/ 61			.1	.4	.4	.1												8	8		
/ 59		.4	1.7	2.1	.2			.1										37	37	1	
/ 57		.2	2.9	1.8	.4			.2										46	46	10	
5 / 55	.1	1.0	6.6	1.9	.5	.1												84	84	32	8
4/ 53		4.4	6.7	2.9	.2	.2												119	120	64	24
2/ 51		3.8	9.6	3.4	.4													141	141	115	33
[illegible] / 49	.1	5.5	9.8	1.7														141	141	105	100
/ 47		8.6	4.5	.9	.1													116	116	167	131
4 / 45	.2	6.2	2.1	.2														72	72	175	138
4/ 43		4.3	.5															39	39	94	108
2/ 41		1.1																9	9	51	134
4 / 39		.2																2	2	8	99
3 / 37																				1	33
7 / 35																					8
3 / 33																					1
1/ 31																					3
/ 27																					1
1 / 25																					2
TOTAL	.9	35.6	44.5	15.6	2.9	.5	.1	.4										824			823
																		823		823	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5201690	64974	78.9	9.368	823							
Dry Bulb	2175186	42176	51.2	4.468	824			.1				93
Wet Bulb	1901233	39431	47.9	3.828	823							93
Dew Point	1660299	36789	44.7	4.383	823		.7					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72793	SEATTLE/TACOMA IAP,WA	73-81	OCT
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
/ 81									.0									1	1		
/ 79								.0	.0	.0								4	4		
7 / 77								.0										1	1		
6 / 75							.0	.1	.1									16	16		
4 / 73						.1	.0		.1	.0								13	13		
/ 71						.0	.1	.1	.0									22	22		
/ 69					.0	.2	.2	.1	.0									36	36		
6 / 67				.0	.2	.4	.3	.0	.0	.1								60	60		
6 / 65				.1	.6	.4	.1	.1	.1	.0								86	86	3	
4 / 63			.0	.4	.7	.6	.3		.0									144	145	10	
2 / 61			.1	.8	1.2	.6	.2	.0	.0									192	192	20	
/ 59		.2	.9	2.3	1.4	.6	.2	.1	.0									375	375	60	
/ 57	.0	.8	2.4	2.2	1.5	.4	.1	.1										497	498	164	9
5 / 55	.0	1.6	4.6	2.9	1.4	.4	.2	.0										720	722	313	69
4 / 53	.1	3.9	5.0	3.3	.8	.1	.0											871	872	659	192
2 / 51	.2	4.6	6.8	2.3	.4	.0												940	941	884	401
5 / 49	.1	5.3	6.0	1.2	.1	.0												835	836	1026	796
4 / 47	.2	6.6	3.3	.5	.0													694	694	1194	1012
4 / 45	.4	5.9	2.2	.1														569	569	1054	1069
4 / 43	.2	3.6	.8	.0														303	303	658	908
2 / 41	.1	1.5	.2															119	119	354	931
4 / 39	.2	.4																42	42	124	642
3 / 37	.1	.2																19	19	29	346
2 / 35	.1																	3	3	10	110
3 / 33	.1																	1	1	1	43
2 / 31																					12
2 / 29																					10
/ 27																					8
/ 25																					5
TOTAL	1.5	34.7	32.4	16.3	8.4	3.9	1.6	.7	.4	.2									6570		6563
																		6563		6563	

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.	39567854	502340	76.5	13.054	6563							
Dry Bulb	18298064	344442	52.4	6.047	6570			17.3	4.0	.6		744
Wet Bulb	15574343	318405	48.5	4.397	6563							744
Dew Point	13329391	294243	44.8	4.576	6563		4.0					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — 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
/ 57		.5	.3	.3	.1													9	9		
5 / 55		.9	.4	.9	.1	.1												19	19	8	3
4/ 53		1.5	1.0	.5				.1										25	25	5	8
2/ 51		4.4	3.0	.4	.4	.1	.1											65	65	29	4
5 / 49	.1	4.4	1.0	.8	.5	.1												54	54	54	33
/ 47	.1	4.5	3.6	.9	.4	.1												75	75	58	55
4 / 45	.5	7.7	2.6		.3													86	86	65	51
4/ 43	.1	8.2	3.3	1.2	.9	.6												112	112	109	57
2/ 41	.3	6.4	3.3	1.0	.3	.6												93	93	91	83
4 / 39	.6	6.0	2.4		.3													73	75	82	79
3 / 37	1.7	5.4	.8	.3	.1													64	64	106	94
/ 35	.9	2.4	.6	.6														36	37	62	82
3 / 33	.1	2.3	.8	.3														27	27	34	56
2/ 31	.4	1.7	.9	.5														27	27	29	52
/ 29		.3	.9															9	9	25	33
/ 27				.1														1	1	8	14
/ 25		.1		.3														3	3	9	18
2 / 23																				1	11
2/ 21																				1	9
/ 19																				2	14
/ 17																					8
1 / 15																					3
/ 13																					4
1 / 11																					2
/ 9																					2
/ 1																					3
TOTAL	4.9	56.8	24.9	8.0	3.3	1.8	.1	.1										778	781		778
																		778		778	

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.	5181900	62598	80.5	13.673	778							
Dry Bulb	1505376	33944	43.5	6.211	781		4.6					90
Wet Bulb	1331535	31819	43.9	6.230	778		8.7					90
Dew Point	1147620	29184	37.5	8.250	778		20.0					90

FORM AF 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

7[illegible]3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
NOV — MONTH

0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 57					.1													1	1		
5 / 55		1.[illegible]	.8	.5	.1													19	19	3	
4 / 53		2.[illegible]	1.3		.1													27	27	5	6
[illegible] / 51		3.[illegible]	2.8	.3	.3	.4												53	53	31	10
5 / 4[illegible]	.4	2.6	2.[illegible]	.6	.3													47	47	43	24
[illegible] / 47		5.7	3.[illegible]	.5														73	73	49	42
4 / 45	1.4	6.9	3.8	.1	.3													99	99	74	60
4 / 43	.4	8.6	2.8	.6	1.[illegible]	.9												113	113	115	64
[illegible] / 41	.3	6.7	3.[illegible]	.5	.1	.3												86	87	96	89
4 / 39	.8	5.7	1.8	.3														67	67	84	82
3 / 37	1.4	5.8	1.4	.5														72	72	77	93
[illegible] / 35	1.8	3.9	.1	.3	.1													49	49	78	72
3 / 33	.6	2.3	.6	.4														31	31	53	78
2 / 31	.8	2.3	1.[illegible]	.1														33	33	31	51
[illegible] / 29	.1	.9	.8	.4														17	17	25	31
[illegible] / 27	.1	.3	.1															4	4	15	20
[illegible] / 25				.1														1	1	9	19
[illegible] / 23		.1	.3															3	3	4	9
2 / 21																					9
/ 19																				3	12
[illegible] / 17																					4
1 / 15																					7
[illegible] / 13																					7
[illegible] / [illegible]																					2
[illegible] / 7																					3
[illegible] / [illegible]																					1
TOTAL	7.9	57.6	25.4	5.2	2.4	1.5													796		795
																		795		795	

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.	5472944	65160	82.0	12.907	795							
Dry Bulb	1482342	33974	42.7	6.374	796		6.6					90
Wet Bulb	1326906	32090	40.4	6.309	795		9.8					90
Dew Point	1155000	29616	37.3	8.071	795		19.8					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

7[illegible]93 | SEATTLE/TACOMA IAP,WA | 73-81 | NOV
STATION | STATION NAME | YEARS | 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
[illegible] / 59			.3															2	2		
[illegible] / 57		.3	.1	.1														4	4		
5 / 55		1.1	.3	.1		.1												13	13	4	
[illegible] / 53		1.6	.8	.4	.3		.1											25	25	10	9
[illegible] / 51		3.4	1.[illegible]	.4	.1	.3												41	41	20	7
[illegible] / 49	.1	2.6	2.1	.5	.6													48	48	40	25
[illegible] / 47	.5	5.9	2.9	1.3														84	84	43	40
4 / 45	.5	6.0	4.5	.3		.1												91	92	75	47
[illegible] / 43	.1	8.2	1.6	.5	.1	1.0	.1											93	93	99	59
[illegible] / 41	.1	6.8	4.2	.4	.1	.1												93	93	105	79
[illegible] / 39	1.5	7.3	1.4	.4														84	84	80	86
3 / 37	1.	5.4	1.3	.4	.1													65	65	102	91
[illegible] / 35	1.9	3.7	.1															40	40	64	101
3 / [illegible]3	1.6	2.8	.6	.3														42	42	52	72
[illegible] / 31	1.1	2.3	.5	.4														34	34	41	53
[illegible] / [illegible]9	.5	1.6	.6	.3														24	24	23	38
[illegible] / 27		.3		.4														5	5	15	19
/ 25		.1	.1															2	2	12	13
[illegible] / 23		.3																2	2	3	6
2/ 21			.3															2	2	4	16
/ [illegible]																				2	14
/ 17																					5
[illegible] / 15																					3
[illegible] / 13																					4
1 / 11																					1
/ [illegible]																					2
/ [illegible]																					2
/ 5																					2
TOTAL	0.1	59.1	22.7	5.9	1.4	1.6	.3											794	795	794	794

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.	5522893	65471	82.5	12.522	794							
Dry Bulb	1455136	33606	42.3	6.597	795		7.8					90
Wet Bulb	1313216	31762	40.0	6.417	794		11.3					90
Dew Point	1137828	29398	37.[illegible]	7.89	794		20.2					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

7[illegible]3 | SEATTLE/TACOMA IAP,WA | 73-81 | NOV
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
4/ 63				.1														1	1		
/ 61			.4		.3													5	5		
/ 59			.5	.3														6	6	1	
/ 57		.1	.5	.8		.3												13	13	6	
5 / 55		1.3	1.1	.6	.6													29	29	5	5
4/ 53		1.1	1.5	1.3	.4	.5												38	38	23	10
/ 51	.3	3.7	2.1	1.1	.6		.1											63	63	24	16
6 / 49		3.3	4.8	2.9	.6													92	92	60	32
/ 47	.1	4.2	3.[illegible]	2.1	.1	.1	.1	.1										79	79	59	47
4 / 45		6.4	3.5	1.3	.1	.5	.3											94	94	96	53
4/ 43		5.7	6.2	.6	.6	.6												109	109	109	60
/ 41	.3	6.3	3.7	.5	.3													87	87	92	67
4 / 39	1.3	3.7	2.1	.8	.3													64	64	112	92
3 / 37	1.1	3.0	1.1	.1														42	42	70	114
/ 35	1.1	1.4	.8	.4	.3													31	31	58	84
3 / 33	.3	1.4	1.0	.3														23	23	29	57
/ 31	.1	.5	.1	.5	.3													12	12	21	41
/ [illegible]		.3		.3														4	4	15	18
/ 27		.1		.1														2	2	8	17
/ 25																				2	20
2 / 23																				3	8
2/ 21																				1	7
/ [illegible]																					7
/ 17																					4
1 / 15																					8
/ 13																					1
1 / 11																					2
/ [illegible]																					1
/ [illegible]																					3
TOTAL	4.4	42.3	32.5	13.7	4.4	2.0	.5	.1											794		794
																		794		794	

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.	49789[illegible]6	61942	78.0	13.599	794							
Dry Bulb	1647868	35828	45.1	6.271	794		2.0					90
Wet Bulb	1434521	33407	42.1	6.042	794		5.7					90
Dew Point	1212860	30410	38.3	7.793	794		15.5					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

7[illegible] SEATTLE/TACOMA IAP, WA 73-81 NOV
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
/ 69					.1	.1												2	2		
67 / 65				.1	.4	.1												5	5		
47 / 63					.4	.5	.1											6	6		
/ 61			.8		.3	.1												9	9	2	
/ 59			.6	.5	.4	.3		.1										15	15	1	
/ 57		.6	.8	.8	.8	.3												25	25	10	
5 / 55		1.3	1.[illegible]	1.1	1.[illegible]	1.[illegible]	.4											48	48	17	9
47 / 53	.1	1.1	3.[illegible]	2.3	1.6	.4	.3											70	70	27	11
/ 51	.1	1.9	3.7	4.2	1.[illegible]		.1											87	87	38	24
5 / 4[illegible]	.1	4.[illegible]	3.5	3.4	.5		.5	.1										97	97	60	34
/ 47		3.8	4.[illegible]	1.9	.6	.5	.3											88	89	100	62
4 / 45		4.2	6.[illegible]	2.4	.4	.4												106	106	118	46
47 / 43		4.7	4.4	2.3	.5	.5												98	98	104	67
27 / 41		4.[illegible]	1.6	1.8	.4													62	62	108	97
/ [illegible]	.1	3.5	1.1	.3	.1													41	41	86	96
[illegible] / 37	.1	.5	.4	.1	.3													11	11	56	126
[illegible] / 35		.5	.6	.1	.5													14	14	30	70
3 / 33		.4	.1	.4	.4													10	10	13	26
/ 31																				10	46
/ [illegible]																				5	19
[illegible] / 27																				7	5
/ 25																				2	20
[illegible] / 23																					5
27 / 21																					4
/ [illegible]																					9
/ 17																					4
1 / 15																					4
[illegible] / 13																					3
1 / 11																					3
/ [illegible]																					1
/ 7																					3
TOTAL	.6	30.5	32.[illegible]	21.5	9.6	3.9	1.6	.3											795		794
																		794		794	

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.	43929[illegible]6	57893	72.9	14.739	794							
Dry Bulb	1564178	38192	48.0	6.088	795			.2				90
Wet Bulb	1561181	34909	44.0	5.767	794		2.7					93
Dew Point	1270531	31143	39.2	7.862	794		14.3					90

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

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

PSYCHROMETRIC SUMMARY

7 ... | SEATTLE/TACOMA IAP, WA | 73-81 | NOV
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 73						.1												1	1		
6 / 67					.1		.1											2	2		
6/ 65					.4	.1												4	4		
4/ 63					.4		.1											4	4	1	
/ 61			.5	.1	.3	.1												8	8	1	
/ 59			.4	.3	.5	.1												10	10	1	
/ 57		.4	.6	.6	.8	.5		.2										25	25	10	1
5 / 55		.9	2.1	1.1	1.1	.6	.1	.1										49	49	16	7
4/ 53	.2	1.8	2.3	1.1	.8	.3	.1											52	52	21	11
2/ 51		3.0	3.5	2.5	.5	.1	.1											78	78	41	20
5 / 49		3.1	4.8	2.6	.9	.3	.3											95	95	65	36
/ 47		3.9	5.1	3.1	.5	.5	.3											107	107	73	59
4 / 45		5.3	4.6	3.1	.5	.1	.1											110	110	111	55
4/ 43		4.1	4.9	2.4	.3	.5	.3											99	100	105	57
2/ 41	.1	3.6	2.4	1.4	.6	.1												66	66	117	96
4 / 39		2.3	1.4	.3	.4													34	34	97	87
3 / 37		2.9	.5	.4	.1													24	24	55	113
2 / 35		.4	.8	.1	.4													13	13	32	80
3 / 33			.4	.4	.3													8	8	21	43
2/ 31		.4	.1	.4	.1													8	8	10	28
/ 29																				9	28
/ 27																				5	17
/ 25																				5	17
/ 23																				1	8
2/ 21																					4
/ 19																					7
/ 17																					5
1 / 15																					3
/ 13																					9
1 / 11																					3
/ 9																					1
/ 7																					2
TOTAL	.4	31.1	34.4	19.9	8.8	3.5	1.5	.4										797	798	797	797

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.	4422131	58233	73.1	14.498	797							
Dry Bulb	1826917	37865	47.4	6.158	798		.9	.3	.1			90
Wet Bulb	1536039	34667	43.5	5.945	797		3.4					90
Dew Point	1249091	30883	38.7	8.114	797		14.9					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

7[illegible]3 | SEATTLE/TACOMA IAP,WA | 73-81 | 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
[illegible] / 61			.1	.1	.1	.1												4	4		
[illegible] / 59		.4	.5	.5	.1													12	12		
[illegible] / 57		.9	.5	.5	.1	.1	.1											18	18	7	1
5 / 55		.6	.9	.2	.1	.1		.2										18	19	12	5
[illegible] / 53		1.6	2.[illegible]	.9	.2		.1											39	39	13	9
[illegible] / 51	.4	4.7	2.9	1.1	.7	.1	.2											82	62	34	18
[illegible] / [illegible]		3.[illegible]	3.0	1.9														63	63	61	32
[illegible] / 47		4.7	3.[illegible]	2.[illegible]	.4	.5												85	85	59	55
[illegible] / 45		6.5	5.[illegible]	1.9	.5	.4												114	114	91	50
4 / 43		7.[illegible]	4.6	.9	.1		.2											103	103	101	59
[illegible] / 41		5.9	4.5	.7	.9	.1												97	97	124	86
[illegible] / [illegible]	.5	5.2	1.7	.9	.1	.1												69	69	98	97
3 / 37	.4	2.7	1.1	.5	.1													39	39	78	91
[illegible] / 35		1.5	1.[illegible]	.4														23	23	37	105
3 / 33		.6	1.4	.4	.1													20	20	41	42
[illegible] / 31		.4	.4	.6														11	11	16	45
[illegible] / 29			.2	.2														4	4	15	25
[illegible] / 27																				8	14
[illegible] / 25																				4	19
2 / 23																				2	12
[illegible] / 21																					10
[illegible] / 1																					5
[illegible] / 17																					8
1 / 15																					1
[illegible] / 13																					5
1 / 11																					5
[illegible] / 9																					1
[illegible] / 3																					1
TOTAL	1.2	45.8	32.8	13.7	3.7	1.6	.7	.2											802		801
																		801		801	

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.	4948437	62033	77.4	13.432	801							
Dry Bulb	16763[illegible]	36344	45.3	6.049	802		1.7					90
Wet Bulb	1454291	33785	42.2	6.051	801		5.1					90
Dew Point	1226114	30672	38.3	8.033	801		17.0					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

7 7 7 3 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
NOV — 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
/ 59		.3	.1	.3	.1													6	6		
/ 57		1.1	.5	.5														17	17	3	2
5 / 55		1.0	.6	.4	.4	.3		.1										22	22	11	5
4/ 53		1.0	1.0	.5	.1			.3										23	23	12	10
2/ 51	.3	4.1	1.8	1.1	.5	.3												64	64	29	8
9 / 49	.1	3.8	2.5	1.8		.4												68	68	56	33
/ 47		5.3	3.3	1.0		.3												78	78	50	55
4 / 45	.1	6.6	4.3	.6	1.0	.1												102	102	90	46
4/ 43		9.0	2.8	.6		.5	.3											105	105	94	49
2/ 41		6.5	5.9	.8	.3	.1												108	108	114	93
4 / 39	.5	5.1	2.9		.4													71	71	89	96
3 / 37	.9	3.6	1.5	.3														50	50	101	94
/ 35	.1	1.8	.8	.5														25	25	46	95
3 / 33		1.6	1.9	.6														33	33	35	49
2/ 31		1.1	1.0	.3														19	19	27	41
/ 29				.1														1	1	26	35
/ 27			.3	.4														5	5	6	16
/ 25																				2	19
2 / 23																				3	7
2/ 21																				3	13
/ 19																					11
/ 17																					8
1 / 15																					1
/ 13																					4
1 / 11																					4
/ 9																					2
/ 7																					1
TOTAL	2.0	52.1	31.0	9.7	2.8	1.9	.3	.4											797		797
																		797		797	

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.	5123900	63026	79.1	13.256	797							
Dry Bulb	1592183	35281	44.3	6.179	797		2.8					90
Wet Bulb	1400419	33041	41.5	6.205	797		7.6					90
Dew Point	1194411	30159	37.8	8.173	797		18.3					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
NOV — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 73						.0												1	1		
/ 69					.0	.0												2	2		
6/ 67					.0		.0											2	2		
6/ 65				.0	.1	.0												9	9		
4/ 63				.0	.1	.0	.0											11	11	1	
/ 61			.2	.0	.1	.0												26	26	3	
/ 59		.1	.3	.2	.1	.0		.0										51	51	3	
/ 57		.5	.4	.4	.2	.1	.0	.0										112	112	36	4
5/ 55		1.0	.9	.6	.4	.3	.1	.1										217	218	76	34
4/ 53	.0	1.5	1.6	.9	.4	.1	.1	.0										299	299	116	74
2/ 51	.1	3.5	2.6	1.4	.5	.2	.1											533	533	246	107
/ 49	.1	3.4	3.0	1.8	.4	.1	.1	.0										564	564	439	249
/ 47	.1	4.7	3.5	1.6	.3	.3	.1	.0										669	670	491	415
/ 45	.3	6.2	4.3	1.2	.4	.2	.0											802	803	720	408
4/ 43	.1	6.9	3.8	1.1	.4	.6	.1											832	833	836	472
2/ 41	.1	5.8	3.6	.9	.4	.2												692	693	847	710
0/ 39	.7	4.9	1.9	.3	.2	.0												503	505	728	715
3/ 37	.8	3.6	1.0	.3	.1													367	367	645	816
/ 35	.7	1.9	.6	.3	.2													231	232	407	689
3/ 33	.3	1.4	.9	.4	.1													194	194	278	423
2/ 31	.3	1.1	.5	.3	.1													144	144	185	357
/ 29	.1	.4	.3	.2														59	59	143	227
/ 27	.1	.1	.0	.1														17	17	72	122
/ 25		.0	.0	.0														6	6	45	145
2/ 23		.1	.0															5	5	17	66
2/ 21			.0															2	2	9	72
/ 19																				7	79
/ 17																					46
1/ 15																					30
/ 13																					37
1/ 11																					20
/ 9																					9
/ 7																					10
/ 5																					6

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 FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]	SEATTLE/TACOMA IAP, WA	73-81	NOV
STATION	STATION NAME	YEARS	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								
/ [illegible]																									4
/ 1																									4
TAL	3.	46.	29.	5	12.	2	4.	6	2.	2	.	6	.	2								6350	6358	6350	6350

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.	40044097	496353	78.2	14.010	6350							
Dry Bulb	13050304	285034	44.8	6.541	6358		26.4	.6	.1			720
Wet Bulb	11348078	265480	41.8	6.262	6350		54.2					720
Dew Point	9593455	241465	38.1	8.051	6350		139.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 783 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
DEC — 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
/ 69		.2																2	2		
/ 67		.1																1	1	3	3
5 / 65		.5	.2															6	6		
4 / 63		2.3	.8															26	26	6	1
2 / 61	.1	2.3	1.6															33	33	24	14
5 / 59		2.9	2.9	.1	.1	.1												51	51	27	23
/ 57		4.2	2.2	.1	.7													60	60	46	27
4 / 55	.1	8.6	2.5	.5	1.2	.4												110	110	60	40
47 / 53	.1	7.9	2.9	1.0		.1												99	99	106	57
2 / 51		5.8	5.9	.1	1.1													106	106	83	83
6 / 49		5.5	4.7	.6	.2													91	91	101	88
3 / 47	.1	5.9	1.8	.2	.4													70	70	94	64
/ 45	.5	5.9	.7	.2														61	61	81	78
3 / 43	.7	4.6	1.3	.1														56	56	97	73
/ 41	1.4	2.7	.2															32	32	48	129
/ 39	.2	.4	.1															6	6	29	43
/ 37		.2																2	2	5	37
/ 35		.1	.1	.1														3	3	3	21
2 / 33			.1															1	1		6
2 / 31			.1															1	1	2	9
/ 29			.1															1	1	1	10
/ 27			.6															5	5	1	4
1 / 25			.1															1	1	3	2
/ 23																				4	1
/ 21																					2
/ 19																					1
/ 17																					2
/ 15																					3
/ 13																					3
TOTAL	2.9	60.3	29.4	3.2	3.6	.6													824		824
																		824		824	

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.	5506384	56642	80.9	11.904	824							
Dry Bulb	1470554	34416	41.8	6.342	824		5.9					93
Wet Bulb	1309852	32431	39.4	6.381	824		10.8					93
Dew Point	1126092	29726	36.1	8.079	824	.3	30.8					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
DEC — 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
/ 59		.4																3	3		
/ 57		.4																3	3	3	1
5 / 55																				3	2
4 / 53		1.6	.5	.2														19	19		3
2 / 51		2.3	1.8															34	34	16	1
5 / 49		3.9	2.1	.2	.2													53	53	30	27
/ 47		4.6	3.0	.5	.2	.1												70	71	46	26
4 / 45	.1	6.2	2.4	.2	.8	.2	.1											84	85	65	36
4 / 43	.2	7.4	2.8	1.1														95	95	88	56
2 / 41	.1	7.0	4.8	.5	.6													108	108	93	94
4 / 39	.1	5.5	3.9	.1	.2													81	81	85	67
3 / 37	.2	6.5	1.9	.4	.1													76	76	93	69
/ 35	.5	5.3	1.9	.2	.1													67	67	93	81
3 / 33	1.1	5.3	1.6	.1														67	67	83	72
2 / 31	1.3	2.8	.6															36	36	72	110
/ 29	.4	1.2																13	13	27	82
/ 27	.1	.4																4	4	13	34
/ 25			.1															1	1	3	18
2 / 23			.1															1	1		6
2 / 21			.1															1	1	2	10
/ 19			.4															3	3	1	12
/ 17			.4															3	3		3
1 / 15			.4															3	3	3	3
/ 13																				6	
1 / 11																					2
/ 9																					1
/ 7																					1
/ 5																					5
/ -1																					1
- / -3																					1
-1 / -5																					1
TOTAL	3.9	60.7	28.8	3.6	2.4	.4	.1												827		825
																		825		825	

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.	5552125	67003	81.2	11.576	825							
Dry Bulb	1441691	34099	41.2	6.576	827		7.3					93
Wet Bulb	1283070	32088	38.9	6.519	825		14.3					93
Dew Point	1103308	29428	35.7	8.065	825	.3	32.7					93

FORM AS 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

7793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
DEC — 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
[illegible] / 57		.4																3	3	2	1
5 / 55		.4	.1															4	4	2	2
4/ 53		.5	1.3	.1														13	13	2	3
[illegible] / 51		2.2	2.1	.1														36	36	11	2
[illegible] / 49		3.5	2.1	.4														49	49	31	12
/ 47		4.6	2.7	.2	.7	.4		.1										72	72	47	44
4 / 45		6.0	3.3	.7	.5	.1												87	87	61	27
4/ 43	.2	7.8	1.7	.6														85	85	85	59
[illegible] / 41	.4	6.4	3.9	.2	.6													94	94	91	65
[illegible] / 39	.4	5.3	4.0	.2	.1													80	80	88	90
3 / 37	.4	6.6	2.2	.2	.4													80	80	82	69
[illegible] / 35	.4	7.5	1.5	.1														77	77	89	71
3 / 33	.2	5.5	1.8	.4														65	65	91	83
[illegible] / 31	.9	3.4	.5															39	39	67	102
[illegible] / 29	.4	1.7	.1															18	18	35	66
[illegible] / 27	.2	.2																4	4	19	51
/ 25			.1															1	1	3	23
[illegible] / 23			.1															1	1		7
27 21																				2	9
/ 19		.1	.4															4	4		13
[illegible] / 17			.7															6	6	1	3
1 / 15																				3	3
[illegible] / 13																				6	
1 / 11																					4
/ 9																					6
- / -5																					2
- / -7																					1
TOTAL	3.	61.9	28.4	3.4	2.3	.5		.1											818		818
																		818		818	

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.	5493343	66359	81.1	11.607	818							
Dry Bulb	1438051	33501	41.0	6.640	818		8.3					93
Wet Bulb	1258931	31588	38.6	6.557	818		15.5					93
Dew Point	1077931	28937	35.4	8.151	818	.3	33.0					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

7[illegible]793 STATION | SEATTLE/TACOMA IAP,WA STATION NAME | 73-81 YEARS | DEC 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
[illegible] / 59			.1															1	1		
[illegible] / 57		.1	.2															3	3		
5 / 55		.4	.6	.2														10	10	5	
4 / 53		.4	.7	.2														11	11	2	5
[illegible] / 51		1.6	2.9	.5		.1												42	42	10	3
5 / 49		4.3	7.8	1.3	.4	.1												73	73	37	15
[illegible] / 47		4.5	4.3	1.0	.5	.4												87	87	57	35
4 / 45		6.2	5.5	1.1	.2	.1												108	108	74	50
4 / 43	.1	6.6	4.4	.7		.1												98	98	100	49
[illegible] / 41		3.9	3.8	1.0	.4													74	74	111	78
[illegible] / 39	.1	5.8	4.7	1.0	.2													98	98	82	104
3 / 37		5.7	2.1	.4	.1													68	68	90	78
[illegible] / 35	.4	5.7	2.8	.2														75	75	92	73
3 / 33	.5	2.6	1.0	.1														34	35	79	86
[illegible] / 31	.7	1.5	.2															20	20	47	95
[illegible] / 29		.7	.1	.1														8	8	14	58
[illegible] / 27		.1																1	1	9	35
[illegible] / 25			.2	.1														3	3	1	19
[illegible] / 23				.1														1	1	2	7
[illegible] / 21				.1														1	1	2	8
[illegible] / 19			.4	.1														4	4	1	7
[illegible] / 17			.1	.1														2	2	1	3
1 / 15																				4	2
[illegible] / 13																				2	1
[illegible] / [illegible]																					2
[illegible] / 3																					3
[illegible] / 1																					3
[illegible] / -3																					1
[illegible] / -7																					2
TOTAL	1.8	50.0	37.0	8.5	1.8	.9													823		822
																		822		822	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5217401	64803	78.8	11.502	822							
Dry Bulb	1514158	34922	42.4	6.271	823		4.5					93
Wet Bulb	1328808	32658	39.7	6.175	822		9.4					93
Dew Point	1121496	29674	36.1	7.825	822	.3	27.8					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

7[illegible]3[illegible] (STATION) SEATTLE/TACOMA IAP, WA (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 61				.1															1	1		
[illegible] / 59			.1	.4															4	4		
[illegible] / 57		.4	.4																6	6	1	
5 / 55		.1	.5	.7	.2														13	13	5	
[illegible] / 53		.9	1.5	.9	.9														33	33	7	4
[illegible] / 51		2.9	2.5	1.5	1.5	.4		.2											73	73	16	10
5 / [illegible]		4.8	6.4	1.8	.1	.4	.2												112	112	54	20
[illegible] / 47		2.7	6.3	2.7		.4													98	98	67	44
4 / 45		5.6	4.[illegible]	2.6	.1														101	101	111	56
[illegible] / 43		3.4	4.4	2.8	.2	.1													90	90	112	51
[illegible] / 41		4.3	5.6	2.9															105	105	86	97
4 / [illegible]	.1	2.3	3.4	1.7	.5														66	66	101	84
3 / 37		5.2	1.5	.1															55	55	104	87
[illegible] / 35	.2	2.2	1.3																31	31	77	90
3 / 33		1.1	.2																11	11	35	74
[illegible] / 31	.1		.4	.2	.2														8	8	24	73
[illegible] / 29				.1															1	1	2	42
2 / 27				.2	.1														3	3	3	37
[illegible] / 25				.1															1	1		17
[illegible] / 23				.2															2	2	3	4
[illegible] / 21			.1																1	1	2	5
[illegible] / 19																					3	6
[illegible] / 17																					2	2
1 / 15																						1
[illegible] / 13																						1
[illegible] / 7																						1
[illegible] / 3																						3
[illegible] / 1																						3
[illegible] / -5																						2
[illegible] / -7																						1
TOTAL	.5	36.0	38.7	19.3	3.9	1.2	.2	.2												815		815
																			815		815	

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.	4738223	61229	75.1	13.032	815							
Dry Bulb	1666121	36549	44.8	5.756	815		1.8					93
Wet Bulb	1426142	33774	41.4	5.698	815		4.5					93
Dew Point	1170749	30225	37.1	7.824	815	.3	22.6					93

FORM AA 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

7[illegible]3 STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | DEC 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
/ 61				.1														1	1		
/ 59			.1	.5														5	5		
/ 57		.2	.1															3	3	1	
5 / 55		.2	.9	.5	.2													15	15	5	1
4/ 53	.1	1.5	1.6	.6														31	31	7	4
4/ 51		2.3	2.5	1.0	.7	.1	.1											55	55	23	7
5 / 49		4.2	3.9	2.1	.2	.5	.2											91	91	41	24
4 / 47		5.3	5.8	1.7	.2	.2	.1											109	109	64	38
4 / 45		6.1	5.9	.9	.2	.1	.1											109	109	104	60
4/ 43		4.1	6.1	2.0	.5													103	103	111	51
2/ 41		3.4	5.2	2.3	.1	.2												92	92	97	80
4 / 39		4.1	3.9	1.2	.1													76	77	91	89
3 / 37	.5	4.8	2.0	.7	.1	.1												67	67	107	92
/ 35	.2	2.1	1.0		.1													28	28	80	88
3 / 33	.1	1.0	.2															11	11	40	84
2/ 31		.2	.1															3	3	23	79
/ 29		.1	.1		.1													3	3	3	34
2 / 27			.1	.2	.1													4	4	3	27
/ 25				.2	.1													3	3	2	21
2 / 23				.5														4	4		4
2/ 21			.1															1	1	5	5
/ 19																				5	4
/ 17																				2	3
1 / 15																					3
1 / 11																					3
/ 9																					1
/ 7																					4
/ 1																					5
- / -3																					1
- / -5																					2
TOTAL	1.0	39.7	39.7	14.6	3.1	1.4	.6												815		814
																		814		814	

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.	4803740	61622	75.7	13.066	814							
Dry Bulb	1632996	36172	44.4	5.821	815		2.1					93
Wet Bulb	1406753	33497	41.2	5.901	814		4.9					93
Dew Point	1159896	29996	36.9	8.191	814	.3	22.4					93

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT- WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
DEC — 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
/ 61						.1												1	1		
/ 57		.2	.1	.2														5	5		
5 / 55		.2	.4		.2													7	7	3	3
4/ 53		1.7	1.7	.1														23	23	6	
2/ 51		1.6	2.2	.5														35	35	23	6
/ 49		4.7	2.7	.1	1.2	.2												74	75	20	26
/ 47		4.9	2.8	1.1	.7													77	77	69	27
/ 45		7.1	5.1	1.1	.4	.4												114	114	68	61
4/ 43		6.3	5.8	1.2	.1	.1												112	112	103	47
2/ 41		5.2	5.8	1.9	.4	.2												112	112	104	77
/ 39	.2	4.3	3.9	.4														72	72	116	89
3 / 37	.4	5.4	1.9	.7	.2	.1												72	72	84	81
/ 35	.7	4.3	1.7	.1	.1	.2												57	57	88	91
3 / 33		2.4	1.2	.2	.1													33	33	65	91
2/ 31	.2	.6	.1		.2													10	10	40	84
/ 29		.2	.1															3	3	5	51
/ 27			.1															1	1	10	22
/ 25		.2																2	2	4	21
/ 23				.2														2	2	2	5
2/ 21			.5	.2														6	6		8
/ 19			.4	.1														4	4	2	3
/ 17																				5	6
1 / 15																				5	3
/ 13																					1
1 / 11																					1
/ 9																					3
/ 7																					3
/ 5																					2
/ 3																					4
/ 1																					3
- / -3																					1
- / -5																					1
- / -7																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible] STATION | SEATTLE/TACOMA IAP, WA STATION NAME | 73-81 YEARS | DEC MONTH

PAGE 2 | 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]	1	6	49	135	8	3	3	[illegible]	1	5									823		822
																		822		822	

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.	5145[illegible]32	64174	78.1	12.822	822							
Dry Bulb	1544513	35298	42.9	6.101	823		3.2					93
Wet Bulb	1347985	32893	40.0	6.218	822		8.3					93
Dew Point	1135228	29758	36.2	8.400	822	.3	25.2					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

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
DEC — MONTH

2100-2300 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81			.1															1	1		
/ 69		.2																2	2		
/ 67				.2														2	2	3	
5 / 55		.2	.6															7	7		3
/ 53		1.7	.7	.1														21	21	8	
/ 51		2.7	2.[illegible]															38	38	21	13
5 / [illegible]		2.7	3.2	.1	.4													52	52	30	20
/ 47		3.9	3.2	.7	1.6													76	76	46	27
/ 45	.2	7.8	4.[illegible]	.9	.4	.4												112	112	67	47
4/ 43		7.7	3.3	1.[illegible]		.4												101	101	105	59
/ 41		5.5	6.1	1.6														108	108	94	75
/ [illegible]		4.5	3.9	.9	.2	.2												80	80	95	93
3 / 37	.1	5.0	1.7	.1	.1													58	58	99	65
/ 35	.2	6.2	1.5	.2	.4	.2												72	72	79	77
3 / 33	.5	4.1	1.1	.2	.1													50	50	80	80
/ 31	.5	1.3	.4															18	18	43	107
/ [illegible]	.1	.4		.4														7	7	21	57
/ 27		.1																1	1	10	32
/ 25		.1	.2															3	3	2	19
/ 23		.1																1	1	5	2
27 / 21				.4														3	3	2	9
/ 19			.9															7	7		8
/ 17																				1	3
1 / 15																				9	1
/ 13																					2
1 / 11																					3
/ [illegible]																					3
/ 7																					4
/ [illegible]																					1
/ 3																					2
/ 1																					4
/ -1																					1
- / -7																					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

7[illegible] SEATTLE/TACOMA IAP, WA 73-81 DEC
STATION STATION NAME YEARS 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
T [illegible]	1.	54.	432.	9	6.8	3.[illegible]	1.2											820	820	820	820

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.	5254924	648302	79.0	12.783	820							
Dry Bulb	1494917	34621	42.2	6.366	820		4.5					93
Wet Bulb	1316815	32429	39.5	6.474	820		10.5					93
Dew Point	1116253	29411	35.9	8.656	820	.5	29.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 723 — STATION
SEATTLE/TACOMA IAP, WA — STATION NAME
73-81 — YEARS
DEC — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 61			[illegible]	[illegible]		[illegible]												4	4		
/ 59		.1	[illegible]	.1														17	17		
[illegible] / 57		.2	.1	.1														26	26	13	5
5 / 55		.3	.4	.2	.1													62	62	23	11
4 / 53	.	1.3	1.[illegible]	.3	.1													177	177	38	20
4 / 51	.	2.2	2.2	.4	.3	.1	[illegible]	[illegible]										346	346	144	56
[illegible] / 49		3.9	3.2	.8	.3	.2	.1											555	556	270	167
/ 47		4.3	3.8	1.[illegible]	.6	.2	[illegible]	[illegible]										649	650	442	268
4 / 45	.1	6.7	4.1	1.[illegible]	.5	.2	[illegible]											825	926	610	377
4 / 43	.1	6.4	3.9	1.3	.1	.1												783	783	810	429
2 / 41	.1	5.2	5.2	1.3	.4	.1												799	799	759	649
4 / [illegible]	.1	4.6	4.1	.8	.2	[illegible]												644	645	759	704
[illegible] / 37	.2	5.6	1.9	.4	.2	[illegible]												546	546	753	605
/ 35	.4	4.9	1.6	.2	.1	.1												468	468	679	649
3 / 33	.4	3.3	1.1	.2	[illegible]													327	328	570	643
[illegible] / 31	.5	1.6	.3	[illegible]	.1													166	166	364	779
[illegible] / 29	.1	.6	.1	.1	[illegible]													59	59	136	433
[illegible] / 27	.	.1	[illegible]	.1	[illegible]													20	20	72	275
/ 25		.1	.1	.1	[illegible]													17	17	18	159
[illegible] / 23		[illegible]	[illegible]	.1														13	13	12	41
[illegible] 21			.1	.1														14	14	17	63
/ [illegible]		[illegible]	.3	[illegible]														23	23	13	63
/ [illegible]			.2	[illegible]														16	16	13	27
1 / 15			.1															4	4	27	18
/ 13																				18	6
1 / 11																					13
/ [illegible]																					12
/ [illegible]																					9
/ [illegible]																					3
/ [illegible]																					19
/ [illegible]																					32
/ -1																					2
[illegible] / -3																					7
[illegible] / -5																					8

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible] SEATTLE/TACOMA IAP,WA 73-81 DEC
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
-7 / -1																					8
TOTAL	7.1	91.5	33.8	8.4	3.0	.9	.1	.0										6560	6565	6560	6560

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.	41711222	516634	78.8	12.493	6560							
Dry Bulb	12172898	279578	42.6	6.375	6565		37.6					744
Wet Bulb	10674253	261357	39.8	6.315	6560		78.3					744
Dew Point	9010953	237155	36.2	8.166	6560	2.8	224.2					744

FORM AA 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

7 793 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — YEARS
ALL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
[illegible] / 99															.0	.0		3	3		
[illegible] / 97														.0	.0	.0		6	6		
67 / 95													.0	.0	.0	.0		15	15		
[illegible] / 93												.0	.0	.0	.0	.0		30	30		
[illegible] / 91											.0	.0	.0	.0	.0			36	36		
[illegible] / 89										.0	.0	.0	.0		.0			30	30		
87 / 87										.0	.0	.0	.0	.0				83	83		
67 / 85									.0	.1	.1	.0	.0	.0	.0			167	167		
[illegible] / 83								.0	.1	.1	.1	.0	.0	.0				208	208		
[illegible] / 81						.0	.0	.0	.1	.1	.1	.0	.0					314	314		
[illegible] / 79							.0	.1	.2	.1	.1	.0	.0					406	406		
7 / 77						.0	.1	.2	.2	.1	.0	.0	.0					487	487		
67 / 75					.0	.1	.2	.3	.2	.1	.0	.0	.0					691	693		
47 / 73				.0	.0	.2	.4	.3	.1	.0	.0	.0						874	875		
[illegible] / 71				.0	.1	.3	.5	.3	.1	.0	.0							1059	1059	23	
[illegible] / 69	.0		.0	.0	.3	.5	.5	.2	.1	.0	.0							1345	1347	85	1
57 / 67			.0	.2	.5	.7	.5	.1	.0	.0	.0	.0						1604	1605	344	1
67 / 65		.0	.1	.5	.9	.7	.3	.1	.1	.0	.0	.0						2150	2153	616	
47 / 63		.1	.3	.9	1.0	.6	.3	.1	.0	.0	.0							2592	2596	1030	10
[illegible] / 61		.3	.8	1.3	1.1	.6	.3	.1	.0	.0								3420	3421	1781	129
[illegible] / 59	.0	.5	1.6	1.6	.9	.5	.1	.1	.0	.0								4361	4364	2952	549
[illegible] / 57	.0	1.2	2.0	1.4	.8	.4	.2	.0	.0									4755	4760	4406	1613
57 / 55	.1	1.6	2.4	1.4	.8	.4	.1	.0	.0									5294	5305	5377	2859
[illegible] / 53	.1	1.6	2.3	1.5	.6	.2	.1	.0	.0									4931	4935	6129	4277
[illegible] / 51	.0	1.9	3.0	1.2	.7	.2	.1	.0										5462	5464	5560	5395
5[illegible] / 49	.1	2.0	2.9	1.2	.5	.1	.1	.0										5251	5262	5847	6355
[illegible] / 47	.0	2.8	2.5	1.1	.4	.1	.0	.0										5295	5303	6169	6369
[illegible] / 45	.1	3.2	2.8	1.0	.2	.1	.0	.0										5700	5706	6557	6119
[illegible] / 43	.0	3.1	2.7	.6	.1	.1	.0	.0										5169	5172	6163	5716
[illegible] / 41	.1	2.6	2.2	.5	.2	.1	.0	.0										4398	4401	5972	6427
[illegible] / 39	.2	2.3	1.7	.3	.1	.1	.0											3604	3609	5162	6169
[illegible] / 37	.3	2.0	.8	.2	.1	.0	.0											2611	2614	4259	5944
[illegible] / 35	.3	1.4	.5	.2	.1	.1	.0											1916	1918	3101	4900
[illegible] / 33	.2	.8	.4	.1	.1	.0												1278	1279	2203	4133

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 7-3 — STATION
SEATTLE/TACOMA TAP, WA — STATION NAME
73-81 — YEARS
ALL — MONTH
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 31	.2	.5	.2	.1	.1	.0												862	863	1344	3713
/ 29	.1	.3	.1	.1	.1													454	454	848	1981
/ 27	.	.1	.1	.1	.													240	242	552	1129
/ 25	.	.0	.2	.1	.0													120	121	345	873
/ 23	.	.0	.0	.0														58	58	201	440
2/ 21		.0	.0	.0														64	64	147	462
/ 19		.0	.0	.0														51	51	92	402
/ 17		.0	.0	.0														19	19	74	212
1 / 15		.0	.0															5	5	59	188
/ 13																				20	144
1 / 11																					185
/ 9																					127
/ 7																					98
/ 5																					58
/ 3																					111
/ 1																					126
/ -1																					68
- / -3																					55
- / -5																					38
- / -7																					32
- / -9																					10
TOTAL	1.7	28.6	29.5	15.5	9.7	6.3	3.9	2.1	1.2	.7	.4	.2	.1	.0	.0	.0		77503			77418
																		77418		77418	

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.	4158775835	5537851	71.5	15.970	77418							
Dry Bulb	217409932	4015158	51.8	11.012	77503		212.2	832.6	379.2	122.9	6.1	8760
Wet Bulb	176655831	3635535	47.0	8.753	77418		416.5	51.2				8760
Dew Point	144022455	3258365	42.1	9.430	77418	23.0	1181.8	.2				8760

USAFETAC FORM AM 64 0-26-3 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...3... SEATTLE/TACOMA IAP,WA 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	38.8	41.6	42.6	45.5	50.3	55.0	59.1	59.1	56.6	49.7	43.5	41.8	48.7
...-...	S D	7.006	5.697	4.824	5.181	4.590	4.519	4.463	4.516	4.011	4.344	6.211	6.342	8.762
	TOTAL OBS	822	754	824	796	825	798	829	823	798	817	781	824	9691
	MEAN	38..	40.8	41.5	44.0	48.6	53.2	56.7	57.0	54.9	48.5	42.7	41.2	47.3
-05	S D	7.300	5.675	4.868	4.918	4.275	3.837	3.556	3.729	3.703	4.529	6.374	6.576	8.286
	TOTAL OBS	827	752	829	792	825	800	821	828	795	815	796	827	9707
	MEAN	37.7	40.4	41.3	45.0	50.7	55.8	59.0	58.1	55.5	48.6	42.3	41.0	48.0
- 6	S D	7.399	5.801	4.820	5.092	4.492	4.621	4.389	4.361	4.124	4.584	6.597	6.640	9.083
	TOTAL OBS	813	743	830	797	817	787	822	813	785	817	795	818	9637
	MEAN	39.4	43.3	45.6	50.2	56.1	61.2	65.1	63.7	61.5	53.1	45.1	42.4	52.3
- 1	S D	6.955	5.630	4.887	6.007	5.744	6.275	6.200	6.355	5.766	5.106	6.271	6.271	10.601
	TOTAL OBS	822	752	823	804	823	799	823	824	801	822	794	823	9710
	MEAN	42.5	47.1	49.7	54.8	60.4	66.2	71.0	69.5	67.0	57.5	48.0	44.8	56.6
1 -...	S D	6.384	5.657	5.562	7.121	.847	7.428	7.127	7.762	7.198	5.874	6.088	5.756	11.775
	TOTAL OBS	818	744	821	792	816	795	821	819	794	823	795	815	9653
	MEAN	42.4	47.2	50.2	55.8	61.3	67.4	73.1	71.9	67.7	57.4	47.4	44.4	57.2
-...	S D	6.335	5.565	5.940	7.591	7.485	8.277	7.832	8.634	7.773	6.101	6.158	5.821	12.663
	TOTAL OBS	824	746	822	798	825	799	820	822	798	827	798	815	9694
	MEAN	40.5	44.0	46.5	51.8	57.2	63.5	69.2	67.6	62.4	53.2	45.3	42.9	53.7
-2	S D	6.536	5.338	5.282	6.723	6.635	7.134	7.280	7.637	6.095	4.888	6.049	6.101	11.619
	TOTAL OBS	831	746	820	796	818	792	826	823	796	825	802	823	9697
	MEAN	39.7	42.8	44.1	48.3	52.8	58.0	62.8	62.2	59.0	51.2	44.3	42.2	50.7
1-23	S D	6.683	5.354	4.769	5.721	5.220	5.242	5.385	5.688	4.740	4.468	6.179	6.366	9.662
	TOTAL OBS	825	747	826	805	825	799	824	826	796	824	797	820	9714
	MEAN	39.9	43.4	45.2	49.4	54.7	60.0	64.5	63.6	60.6	52.4	44.8	42.6	51.8
ALL HOURS	S D	7.042	6.085	6.078	7.419	7.319	7.874	8.253	8.167	7.271	6.047	6.541	6.375	11.012
	TOTAL OBS	6581	5984	6595	6380	6574	6369	6586	6578	6363	6570	6358	6565	77503

USAFETAC FORM JUL 64 0-89-5 (OL-1)

2

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

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...3 SEATTLE/TACOMA IAP, WA 73-81
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	35.6	38.7	39.5	42.2	46.4	50.4	54.2	55.4	53.2	47.0	40.9	39.4	45.3
0-02	S D	7.371	5.493	4.362	4.216	3.728	3.382	3.273	3.245	3.361	3.896	6.230	6.381	8.064
	TOTAL OBS	820	754	824	793	822	798	827	822	797	815	778	824	9674
	MEAN	35.4	38.2	38.8	41.3	45.5	49.5	53.0	54.3	52.3	46.2	40.4	38.9	44.5
-	S D	7.585	5.609	4.517	4.237	3.701	3.226	3.056	3.153	3.451	4.055	6.309	6.519	7.935
	TOTAL OBS	827	751	828	792	823	799	820	828	794	815	795	825	9697
	MEAN	35.1	38.0	38.7	42.0	46.9	51.3	54.4	55.0	52.6	46.2	40.0	38.6	44.9
-	S D	7.686	5.652	4.521	4.257	3.661	3.412	3.229	3.321	3.569	4.101	6.417	6.557	8.383
	TOTAL OBS	812	742	830	797	815	787	819	811	784	817	794	818	9626
	MEAN	36.3	40.0	41.5	45.1	50.0	54.1	57.4	57.8	55.9	49.1	42.1	39.7	47.5
-11	S D	7.257	5.338	4.153	4.326	4.052	3.939	3.792	3.708	3.626	3.907	6.042	6.175	8.755
	TOTAL OBS	820	751	823	804	821	799	823	823	800	822	794	822	9702
	MEAN	38.5	42.3	43.7	47.3	51.8	56.2	59.9	60.2	58.2	51.5	44.0	41.4	49.6
1 -14	S D	6.717	5.071	4.136	4.740	4.336	4.286	3.967	4.042	3.903	3.873	5.767	5.698	8.827
	TOTAL OBS	818	741	816	792	815	794	820	818	792	821	794	815	9636
	MEAN	38.5	42.3	43.7	47.5	51.9	56.5	60.5	60.8	58.2	51.2	43.5	41.2	49.7
-17	S D	6.734	5.001	4.341	4.721	4.353	4.379	4.063	4.136	4.065	4.094	5.945	5.901	9.067
	TOTAL OBS	824	746	822	798	824	798	819	821	797	827	797	814	9687
	MEAN	37.1	40.3	41.6	45.4	49.8	54.6	58.8	59.0	55.8	48.9	42.2	40.0	47.8
-20	S D	7.000	5.105	4.331	4.476	4.208	3.997	4.011	3.887	3.769	3.841	6.051	6.218	8.929
	TOTAL OBS	828	745	820	796	817	791	826	820	796	823	801	822	9685
	MEAN	36.4	39.5	40.4	43.7	47.7	52.0	56.0	56.8	54.3	47.9	41.5	39.5	46.4
1-23	S D	7.045	5.222	4.241	4.264	3.818	3.430	3.444	3.394	3.426	3.828	6.205	6.474	8.328
	TOTAL OBS	825	746	826	805	825	799	823	826	796	823	797	820	9711
	MEAN	36.6	39.9	41.0	44.3	48.7	53.1	56.8	57.4	55.1	48.5	41.8	39.8	47.0
ALL HOURS	S D	7.280	5.545	4.713	4.952	4.611	4.512	4.470	4.290	4.263	4.397	6.262	6.315	8.753
	TOTAL OBS	6574	5976	6589	6377	6562	6365	6577	6569	6356	6563	6350	6560	77418

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 [illegible] SEATTLE/TACOMA IAP,WA 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	30.5	34.7	35.4	38.2	42.4	46.3	50.1	52.5	50.3	44.3	37.5	36.1	41.6
-	S D	11.743	7.667	5.825	4.946	4.256	3.796	3.719	3.427	4.084	4.477	8.250	8.079	9.354
	TOTAL OBS	823	754	824	793	822	798	827	822	797	815	778	824	9674
	MEAN	30.5	34.4	35.2	38.0	42.2	46.2	49.8	52.1	50.1	43.9	37.3	35.7	41.3
- -	S D	11.585	7.606	5.730	4.748	4.133	3.689	3.533	3.364	3.972	4.489	8.071	8.065	9.259
	TOTAL OBS	827	751	828	792	823	799	820	828	794	815	795	825	9697
	MEAN	30.3	34.3	35.3	38.5	43.2	47.3	50.7	52.6	50.3	43.9	37.0	35.4	41.6
- - 8	S D	11.591	7.442	5.577	4.687	3.989	3.605	3.439	3.374	3.982	4.661	7.890	8.151	9.450
	TOTAL OBS	612	742	830	797	815	787	819	811	784	817	794	818	9626
	MEAN	31.0	35.5	36.5	39.6	44.2	48.1	51.6	53.5	51.6	45.5	38.3	36.1	42.6
- 1	S D	11.368	7.479	5.603	4.781	4.376	4.039	3.774	3.396	3.911	4.442	7.793	7.825	9.441
	TOTAL OBS	820	751	823	804	821	799	823	823	800	822	794	822	9702
	MEAN	32.1	36.4	36.7	39.6	44.0	48.2	51.9	53.7	51.7	46.0	39.2	37.1	43.1
1 -14	S D	11.390	7.451	5.965	5.266	4.778	4.724	4.059	3.855	4.413	4.459	7.862	7.824	9.377
	TOTAL OBS	818	741	816	792	815	794	820	818	792	821	794	815	9636
	MEAN	32.2	36.1	35.9	38.8	43.2	47.8	51.6	53.2	51.0	45.6	38.7	36.9	42.6
-17	S D	11.277	7.797	6.571	5.650	5.129	4.912	4.137	4.313	4.896	4.752	8.114	8.191	9.507
	TOTAL OBS	824	746	822	798	824	798	819	821	797	827	797	814	9687
	MEAN	31.6	35.3	35.4	38.4	42.6	47.1	51.2	52.8	50.6	44.8	38.3	36.2	42.1
-2	S D	11.254	7.639	6.471	5.645	5.016	4.486	4.279	4.077	4.626	4.472	8.033	8.400	9.512
	TOTAL OBS	828	745	820	796	817	791	826	820	796	823	801	822	9685
	MEAN	30.9	35.1	35.5	38.5	42.6	46.7	50.7	52.7	50.5	44.7	37.8	35.9	41.8
1-23	S D	11.257	7.499	6.043	5.163	4.425	3.804	3.854	3.550	4.266	4.383	8.173	8.656	9.395
	TOTAL OBS	825	746	826	805	825	799	823	826	796	823	797	820	9711
	MEAN	31.2	35.2	35.7	38.7	43.0	47.2	50.9	52.9	50.8	44.8	38.0	36.2	42.1
ALL HOURS	S D	11.450	7.603	6.003	5.151	4.578	4.221	3.918	3.715	4.316	4.576	8.051	8.166	9.430
	TOTAL OBS	6574	5976	6589	6377	6562	6365	6577	6569	6356	6563	6350	6560	77418

USAFETAC FORM JUL 64 0-89-5 (OL-1)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible] SEATTLE/TACOMA IAP, WA 73-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.0	96.1	91.5	86.5	82.6	71.3	47.0	12.2	74.3	827
	03-05	100.0	99.4	96.4	93.3	88.1	85.2	77.0	53.6	15.5	76.4	827
	06-08	100.0	99.5	97.8	92.9	87.7	85.5	77.7	52.7	15.9	76.4	812
	09-11	100.0	99.6	96.1	91.6	87.6	82.8	69.3	44.5	13.0	74.1	827
	12-14	100.0	98.7	93.9	89.5	84.5	74.3	54.2	32.2	8.1	69.3	818
	15-17	100.0	98.9	94.7	89.6	84.7	74.6	57.2	33.0	7.8	69.7	824
	18-20	100.0	98.9	96.3	92.4	86.6	80.1	68.1	37.8	10.0	72.7	808
	21-23	100.0	98.9	96.4	92.0	85.8	80.6	68.2	41.6	10.7	73.1	825
TOTALS		100.0	99.1	96.0	91.6	86.4	80.7	67.9	42.8	11.7	73.3	6574

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

... | SEATTLE/TACOMA IAP,WA | 73-81 | FEB
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.2	97.2	93.1	86.3	77.7	52.5	11.1	77.4	754
	03-05	100.0	100.0	99.3	98.1	93.7	88.0	80.2	57.7	15.0	79.0	751
	06-08	100.0	100.0	99.5	98.2	95.1	90.6	81.8	58.5	16.8	79.7	742
	09-11	100.0	99.9	98.8	96.8	93.5	85.9	71.5	38.9	9.3	75.1	751
	12-14	100.0	99.9	98.1	94.6	85.4	71.0	47.4	22.0	4.2	68.0	741
	15-17	100.0	99.3	97.7	94.0	84.5	68.9	44.9	22.3	4.8	67.4	746
	18-20	100.0	99.7	98.5	96.6	89.0	81.6	65.6	33.7	7.0	73.0	745
	21-23	100.0	99.9	99.1	97.9	91.4	84.2	73.6	42.9	9.8	75.5	746
TOTALS		100.0	99.8	98.8	96.7	90.7	82.1	67.8	41.1	9.8	74.4	5976

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible] SEATTLE/TACOMA IAP,WA | 73-81 | MAR
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
[illegible]	[illegible]-02	100.0	100.0	99.3	97.8	94.7	89.3	75.[illegible]	39.[illegible]	10.2	76.7	824
	[illegible]-05	100.0	100.0	100.0	98.9	97.3	92.8	80.8	50.6	14.4	79.3	828
	[illegible]-08	100.0	100.0	100.0	99.4	98.0	94.3	81.1	52.7	16.5	79.9	830
	[illegible]-11	100.0	100.0	99.5	97.3	93.1	80.8	58.3	25.0	5.8	71.6	823
	[illegible]-14	100.0	100.0	97.1	91.9	77.2	55.5	35.0	11.6	2.2	62.7	816
	[illegible]-17	100.0	99.9	95.6	86.5	70.1	48.5	30.3	12.2	1.2	60.3	822
	[illegible]-20	100.0	99.9	98.3	92.3	82.8	69.3	47.0	19.1	3.4	67.0	820
	[illegible]-23	100.0	100.0	99.0	96.5	91.8	84.0	63.8	30.5	6.8	73.1	826
TOTALS		100.0	100.0	98.6	95.1	88.1	76.8	58.9	30.1	7.6	71.3	6589

USAFETAC FORM AWS 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

7 ...3 SEATTLE/TACOMA IAP, WA 73-81 APR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	99.0	98.5	96.1	90.5	74.4	39.1	7.6	76.3	793
	03-05	100.0	100.0	99.2	98.9	98.9	97.0	87.2	49.9	9.6	80.1	792
	06-08	100.0	100.0	99.6	99.2	98.2	95.1	81.6	46.0	8.3	78.6	797
	09-11	100.0	100.0	98.8	97.8	92.7	74.4	42.0	16.8	3.2	68.1	804
	12-14	100.0	99.9	97.3	91.7	71.7	39.4	18.8	7.7	.9	58.4	792
	15-17	100.0	99.6	95.1	81.3	56.8	34.2	20.6	8.0	.9	55.3	798
	18-20	100.0	100.0	97.9	91.0	73.9	52.4	35.3	15.2	2.8	62.5	796
	21-23	100.0	100.0	99.1	96.8	90.8	76.5	54.3	23.6	4.0	70.2	805
TOTALS		100.0	99.9	98.3	94.4	84.9	69.9	51.8	25.8	4.7	68.7	6377

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

2

RELATIVE HUMIDITY

...-3... SEATTLE/TACOMA IAP, WA (STATION / STATION NAME) 73-81 (PERIOD) MAY (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02	100.0	100.0	99.6	99.6	98.1	92.6	74.1	23.7	1.7	74.9	822
	3-05	100.0	100.0	99.6	99.5	99.3	96.6	89.7	43.3	2.9	78.9	823
	6-08	100.0	100.0	100.0	99.9	98.9	94.6	76.3	30.8	3.1	76.1	815
	9-11	100.0	100.0	100.0	98.7	90.6	64.1	31.4	10.8	.9	65.2	821
	12-14	100.0	100.0	98.8	91.8	62.6	32.5	15.0	5.2	.1	56.1	815
	15-17	100.0	100.0	96.1	79.4	51.5	29.5	17.0	5.6	.4	53.6	824
	18-20	100.0	100.0	98.9	91.1	70.7	47.2	28.3	9.7	.4	60.1	817
	21-23	100.0	100.0	99.8	99.2	92.1	77.3	50.5	18.2	.6	69.4	825
TOTALS		100.0	100.0	99.1	94.9	83.0	66.8	47.8	19.0	1.3	66.8	6562

USAFETAC FORM 0-87-5 (OL A)

2

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

RELATIVE HUMIDITY

7 7?3 — STATION
SEATTLE/TACOMA IAP,WA — STATION NAME
73-81 — PERIOD
JUN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L S T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	03-05	100.0	100.0	100.0	99.5	97.2	87.1	62.2	25.4	2.6	72.1	798
	06-08	100.0	100.0	100.0	99.9	99.4	95.6	80.6	37.0	4.0	77.3	799
	09-11	100.0	100.0	100.0	99.6	98.7	88.9	63.7	23.5	3.2	73.7	787
	12-14	100.0	100.0	99.6	97.4	86.0	53.8	28.2	9.9	1.0	63.3	799
	15-17	100.0	99.9	97.6	86.1	53.4	27.0	14.0	4.8	.3	54.1	794
	18-20	100.0	99.7	93.7	75.6	47.1	25.2	12.9	6.0	.5	51.8	798
	21-23	100.0	99.9	97.2	87.1	64.5	37.4	18.6	8.3	.5	57.2	791
	00-02	100.0	100.0	100.0	98.1	90.9	69.3	40.4	13.0	.9	67.1	799
TOTALS		100.0	99.9	98.5	92.9	79.7	60.5	40.1	15.7	1.6	64.7	6365

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

7 [illegible] SEATTLE/TACOMA IAP, WA (STATION / STATION NAME) 73-81 (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	0-02	100.0	100.0	100.0	99.9	97.5	85.5	59.5	22.6	3.0	72.9	827
	3-05	100.0	100.0	100.0	100.0	99.8	96.8	79.3	37.3	4.3	77.9	823
	6-08	100.0	100.0	100.0	100.0	99.5	90.5	65.4	27.7	3.7	74.7	819
	9-11	100.0	100.0	100.0	98.1	83.8	52.0	22.2	7.8	1.6	62.7	823
	12-14	100.0	100.0	98.5	85.0	51.3	20.5	7.2	2.0		52.1	822
	15-17	100.0	99.8	95.0	74.0	37.1	15.6	6.5	1.5		48.4	819
	18-20	100.0	99.9	98.1	85.8	57.7	28.2	11.6	4.5	.1	54.3	826
	21-23	100.0	100.0	99.8	97.9	90.5	66.3	34.0	9.0	1.1	65.8	823
TOTALS		100.0	100.0	98.9	92.6	77.2	56.9	35.7	14.1	1.7	63.6	6577

USAFETAC FORM JUL 64 0-87-5 (OL A)

1
2

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

RELATIVE HUMIDITY

7 ... 3 SEATTLE/TACOMA IAP,WA 73-81 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%		
...	0-02	1...0	100.0	100.0	100.0	98.9	94.4	82.1	4...7	8.5	79.1	822
	...-05	100.0	1...0	100.0	100.0	100.0	98.8	93.6	67.4	17.5	84.3	828
	...-08	100.0	100.0	100.0	100.0	99.9	97.5	86.9	57.8	15.3	82.2	811
	...-11	100.0	100.0	100.0	99.4	92.8	76.9	49.3	2...9	4.4	7...6	823
	12-14	1...0	100.0	98.9	91.2	71.0	41.8	18.8	8.2	1.0	58.9	818
	15-17	1...0	100.0	96.0	79.4	54.4	31.4	15.0	8.8	1.3	54.1	821
	18-20	100.0	100.0	98.5	90.6	72.8	50.6	27.9	12.0	1.1	61.1	820
	...1-23	100.0	100.0	100.0	98.5	93.9	79.2	58.6	25.8	3.4	72.2	826
TOTALS		1...0.0	100.0	99.2	94.9	85.5	71.3	54.0	31.0	6.6	70.3	6569

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

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

RELATIVE HUMIDITY

7 ... SEATTLE/TACOMA LAP,WA (STATION / STATION NAME) | 73-81 (PERIOD) | SEP (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SE	00-02	100.0	100.0	99.2	99.0	98.6	96.0	88.1	5..7	7.0	80.3	797
	3-05	100.0	100.0	99.5	99.4	99.4	98.9	95.8	66.0	13.7	83.6	794
	06-08	100.0	100.0	99.6	99.5	99.2	98.3	93.9	63.8	13.6	83.0	784
	09-11	100.0	100.0	99.4	97.9	93.3	80.5	53.0	23.3	3.0	71.1	800
	12-14	100.0	99.9	96.8	91.2	76.3	44.7	23.5	8.0	.5	59.9	792
	15-17	100.0	98.7	95.5	87.7	65.4	39.1	20.5	8.0	1.4	57.5	797
	18-20	100.0	100.0	98.4	96.1	87.3	69.5	42.7	15.5	1.6	67.2	796
	21-23	100.0	100.0	99.2	98.2	94.8	88.3	68.8	29.5	3.3	74.3	796
TOTALS		100.0	99.8	98.5	96.1	89.3	76.9	60.8	33.4	5.5	72.1	6356

USAFETAC FORM 0-87-5 (OL A)

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION: [illegible] | STATION NAME: SEATTLE/TACOMA IAP,WA | PERIOD: 73-81 | MONTH: OCT

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	99.8	99.6	99.5	97.3	91.2	59.9	13.6	81.8	815
	03-05	100.0	100.0	100.0	99.8	99.3	98.7	93.6	71.9	22.3	84.3	815
	06-08	100.0	100.0	100.0	99.6	98.8	97.4	93.5	68.9	25.2	84.2	817
	09-11	100.0	100.0	99.8	99.0	97.3	89.5	70.3	34.9	11.1	76.2	822
	12-14	100.0	100.0	99.5	96.8	88.1	66.0	40.1	16.6	3.3	66.8	821
	15-17	100.0	100.0	99.5	97.1	87.2	63.1	38.1	18.1	2.4	66.3	827
	18-20	100.0	100.0	99.6	99.5	97.1	88.0	64.9	27.9	3.4	73.9	823
	21-23	100.0	100.0	99.6	99.6	99.1	97.0	83.7	46.3	7.2	78.9	823
TOTALS		100.0	100.0	99.7	98.9	95.8	87.1	71.9	43.1	11.1	76.6	6563

USAFETAC FORM AIR 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

7...3 SEATTLE/TACOMA IAP,WA 73-81 NOV
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%		
NOV	00-02	1...0	1...0	99.5	97.9	95.8	90.7	82.4	6...5	22.2	80.5	778
	03-05	100.0	100.0	99.7	98.6	95.7	92.5	87.7	65.2	24.4	82.0	795
	06-08	100.0	100.0	99.6	98.1	96.6	93.7	87.0	66.2	26.3	82.5	794
	09-11	100.0	100.0	99.7	98.0	94.6	89.9	75.8	43.5	17.9	78.0	794
	12-14	100.0	100.0	99.4	95.8	93.1	80.9	60.8	34.0	9.9	72.9	794
	15-17	100.0	100.0	99.1	96.6	92.1	81.2	62.5	34.5	8.0	73.1	797
	18-20	100.0	100.0	99.4	97.6	95.3	88.8	74.8	49.1	13.0	77.4	801
	21-23	100.0	100.0	99.2	97.7	95.8	91.3	79.8	55.2	16.7	79.1	797
TOTALS		1...0	100.0	99.5	97.5	94.7	88.6	76.4	51.7	17.3	78.2	6350

USAFETAC FORM JUL 64 0-87-5 (OL A)

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

RELATIVE HUMIDITY

? 7 3 | SEATTLE/TACOMA IAP,WA | 73-81 | DEC
STATION | STATION NAME | PERIOD | MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02	100.0	100.0	100.0	98.8	96.0	92.6	86.5	61.9	16.1	80.9	824
	03-05	100.0	100.0	99.9	99.2	96.4	93.8	86.2	62.5	18.2	81.2	825
	06-08	100.0	100.0	99.9	99.0	96.7	93.4	86.8	62.8	16.7	81.1	818
	09-11	100.0	100.0	99.9	98.9	96.5	93.9	80.8	50.7	11.9	78.8	822
	12-14	100.0	100.0	99.3	97.7	95.7	88.0	67.5	36.3	9.7	75.1	815
	15-17	100.0	100.0	99.1	97.3	95.2	89.6	70.9	40.0	9.5	75.7	814
	18-20	100.0	100.0	99.6	97.9	95.4	90.4	78.2	50.7	12.3	78.1	822
	21-23	100.0	100.0	99.4	97.9	94.9	90.7	82.4	55.9	13.3	79.0	820
TOTALS		100.0	100.0	99.6	98.3	95.9	91.6	79.9	52.6	13.5	78.7	6560

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

7 [illegible]3 SEATTLE/TACOMA IAP,WA 73-81 ALL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	99.1	96.0	91.6	86.4	80.7	67.9	42.6	11.7	73.3	6574
FEB		100.0	99.6	98.8	96.7	90.7	82.1	67.8	41.1	9.8	74.4	5976
MAR		100.0	100.0	98.6	95.1	88.1	76.8	58.9	30.1	7.6	71.3	6589
APR		100.0	99.9	98.3	94.4	84.9	69.9	51.8	25.8	4.7	68.7	6377
MAY		100.0	100.0	99.1	94.9	83.0	66.8	47.8	19.0	1.3	66.8	6562
JUN		100.0	99.9	98.5	92.9	79.7	60.5	40.1	15.7	1.6	64.7	6365
JUL		100.0	100.0	98.9	92.6	77.2	56.9	35.7	14.1	1.7	63.6	6577
AUG		100.0	100.0	99.2	94.9	85.5	71.3	54.0	31.0	6.6	70.3	6569
SEP		100.0	99.8	98.5	96.1	89.3	76.9	60.8	33.4	5.5	72.1	6356
OCT		100.0	100.0	99.7	98.9	95.8	87.1	71.9	43.1	11.1	76.6	6563
NOV		100.0	100.0	99.5	97.5	94.7	88.6	76.4	51.7	17.3	78.2	6350
DEC		100.0	100.0	99.6	98.3	95.9	91.6	79.9	52.6	13.5	78.7	6560
TOTALS		100.0	99.9	98.7	95.3	87.6	75.8	59.4	33.4	7.7	71.6	77418

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PART F PRESSURE SUMMARY

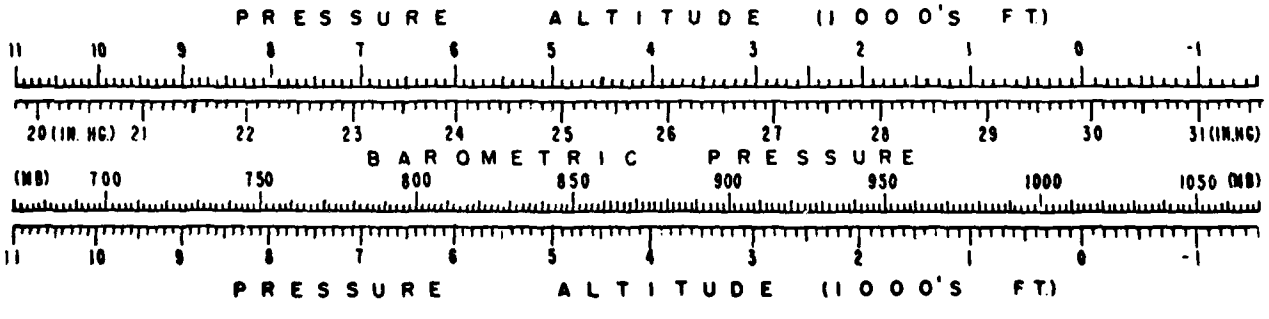
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



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USAFETAC
AI WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION	STATION NAME	YEARS
[illegible]3	SEATTLE/TACOMA IAP,WA	73-81

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.583	29.532	29.514	29.583	29.577	29.592	29.585	29.547	29.556	29.593	29.566	29.563	29.566
	S D	.272	.264	.214	.186	.152	.113	.099	.109	.149	.201	.245	.266	.200
	TOTAL OBS	279	249	274	266	276	265	273	274	266	275	258	273	3228
	MEAN	29.571	29.508	29.498	29.567	29.560	29.579	29.577	29.538	29.543	29.574	29.553	29.554	29.552
	S D	.273	.270	.218	.184	.155	.114	.096	.106	.150	.199	.243	.261	.200
	TOTAL OBS	279	252	279	268	275	269	278	279	270	277	264	278	3268
	MEAN	29.578	29.520	29.522	29.593	29.592	29.607	29.608	29.572	29.572	29.593	29.571	29.562	29.574
	S D	.276	.273	.224	.189	.155	.122	.100	.109	.153	.209	.242	.265	.204
	TOTAL OBS	271	247	277	267	272	257	272	270	260	273	265	267	3198
	MEAN	29.590	29.529	29.526	29.590	29.580	29.596	29.600	29.562	29.571	29.598	29.574	29.577	29.575
	S D	.271	.272	.226	.188	.153	.118	.096	.107	.152	.210	.245	.265	.203
	TOTAL OBS	277	251	276	269	279	268	278	278	270	279	269	278	3272
	MEAN	29.580	29.531	29.523	29.588	29.581	29.597	29.604	29.562	29.570	29.592	29.574	29.573	29.573
	S D	.268	.270	.219	.186	.153	.119	.098	.110	.151	.209	.239	.263	.200
	TOTAL OBS	268	248	275	264	268	266	276	273	266	272	264	274	3214
	MEAN	29.558	29.500	29.493	29.555	29.549	29.570	29.568	29.527	29.536	29.563	29.547	29.560	29.544
	S D	.264	.267	.211	.180	.143	.114	.098	.108	.145	.200	.236	.257	.195
	TOTAL OBS	277	250	275	267	275	266	277	277	270	279	269	273	3255
	MEAN	29.572	29.512	29.505	29.564	29.555	29.572	29.565	29.525	29.542	29.577	29.559	29.569	29.552
	S D	.264	.264	.214	.178	.143	.114	.099	.108	.144	.201	.237	.259	.196
	TOTAL OBS	277	250	275	267	268	263	275	276	266	276	265	276	3234
2	MEAN	29.565	29.509	29.508	29.570	29.560	29.575	29.570	29.528	29.544	29.574	29.551	29.560	29.551
	S D	.267	.262	.211	.176	.145	.110	.097	.107	.143	.199	.242	.263	.196
	TOTAL OBS	278	253	278	270	279	270	278	279	270	278	270	277	3280
ALL HOURS	MEAN	29.574	29.518	29.511	29.576	29.569	29.586	29.585	29.545	29.554	29.583	29.562	29.565	29.561
	S D	.269	.267	.217	.184	.150	.116	.099	.109	.149	.204	.241	.262	.199
	TOTAL OBS	2236	2000	2209	2138	2192	2124	2207	2206	2138	2209	2124	2196	25949

USAFETAC FORM JUL 84 0-89-5 (OL-1)

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MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

7 ...3 SEATTLE/TACOMA IAP,WA 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	1...8.0	1016.4	1015.7	1017.9	1017.5	1018.0	1017.7	1016.3	1016.8	1018.2	1017.5	1017.5	1017.3
01	S D	9.420	9.033	7.308	6.394	5.182	3.824	3.344	3.670	5.044	6.744	8.438	9.018	6.809
	TOTAL OBS	278	248	277	266	277	267	275	274	266	274	256	273	3231
	MEAN	1018.1	1015.9	1015.5	1017.9	1017.5	1018.0	1017.8	1016.5	1016.7	1018.0	1017.4	1017.5	1017.2
	S D	9.449	9.301	7.548	6.409	5.339	3.972	3.334	3.651	5.153	6.858	8.419	9.054	6.906
	TOTAL OBS	279	253	279	269	278	270	278	279	270	277	264	278	3274
	MEAN	1017.9	1015.9	1015.9	1018.3	1018.1	1018.5	1018.5	1017.2	1017.3	1018.1	1017.5	1017.3	1017.6
	S D	9.506	9.396	7.696	6.508	5.282	4.151	3.413	3.712	5.217	7.193	8.451	9.181	7.021
	TOTAL OBS	274	248	278	267	273	257	271	271	259	272	266	270	3206
	MEAN	1018.8	1016.6	1016.4	1018.6	1018.1	1018.6	1018.6	1017.4	1017.7	1018.7	1018.1	1018.3	1018.0
	S D	9.404	9.379	7.780	6.506	5.328	4.117	3.351	3.705	5.252	7.230	8.446	9.157	6.994
	TOTAL OBS	276	253	277	269	279	269	278	278	270	279	269	278	3275
	MEAN	1018.0	1016.3	1016.0	1018.1	1017.7	1018.2	1018.3	1016.9	1017.2	1018.1	1017.7	1017.6	1017.5
1...	S D	9.277	9.292	7.510	6.401	5.188	4.050	3.353	3.715	5.158	7.157	8.257	9.094	6.879
	TOTAL OBS	266	248	275	262	268	267	276	273	265	274	264	274	3212
	MEAN	1017.7	1015.6	1015.3	1017.4	1017.0	1017.6	1017.5	1016.1	1016.4	1017.6	1017.2	1017.6	1016.9
0...	S D	9.137	9.192	7.250	6.194	4.978	4.005	3.370	3.694	4.956	6.862	8.156	8.941	6.745
	TOTAL OBS	277	251	277	267	275	267	277	277	270	279	269	274	3260
	MEAN	1017.7	1015.6	1015.3	1017.3	1016.9	1017.3	1017.0	1015.6	1016.3	1017.6	1017.1	1017.6	1016.8
0...	S D	9.113	9.063	7.308	6.076	4.790	3.900	3.361	3.688	4.900	6.849	8.209	8.962	6.721
	TOTAL OBS	276	251	276	267	270	262	275	276	265	277	265	275	3235
	MEAN	1017.9	1016.0	1015.9	1017.9	1017.5	1017.8	1017.6	1016.1	1016.8	1018.0	1017.3	1017.7	1017.2
2	S D	9.255	9.028	7.268	6.093	5.026	3.836	3.377	3.670	4.914	6.872	8.365	9.127	6.766
	TOTAL OBS	279	253	279	270	279	270	279	279	270	278	269	277	3282
	MEAN	1018.0	1016.0	1015.7	1017.9	1017.6	1018.0	1017.9	1016.5	1016.9	1018.0	1017.5	1017.6	1017.3
ALL HOURS	S D	9.312	9.201	7.457	6.327	5.151	3.995	3.398	3.726	5.086	6.969	8.335	9.057	6.864
	TOTAL OBS	2205	2005	2218	2137	2199	2129	2209	2207	2135	2210	2122	2199	25975

USAFETAC FORM JUL 64 0-89-5 (OL-1)

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