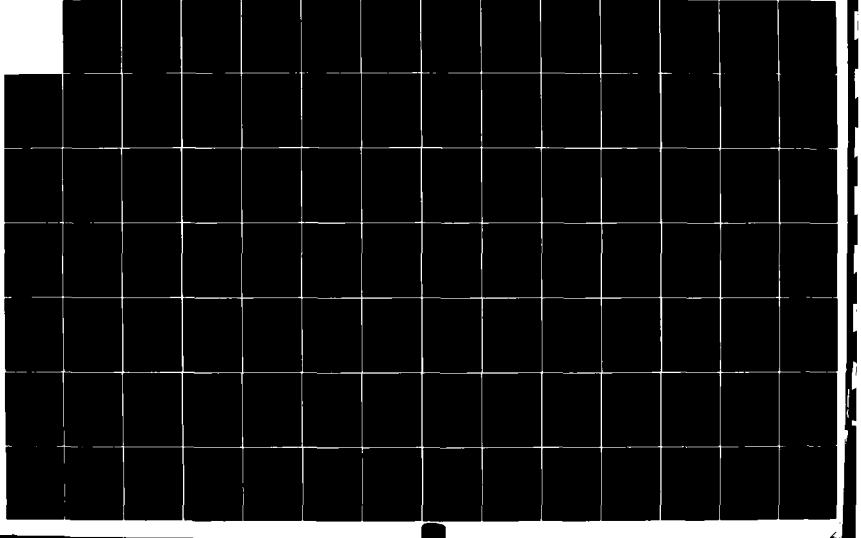
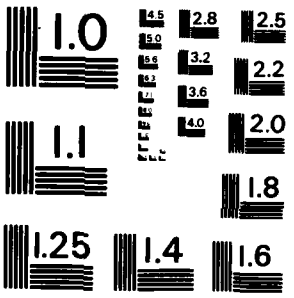
AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83 1/4

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL





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"LIMITED SURFACE OBSERVATIONS"
CLIMATIC SUMMARY "LISOCS"

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AD-A134 207

REPORT DOCUMENTATION PAGE

READ INSTRUCTIONS BEFORE COMPLETING FORM

1 REPORT NUMBER: USAFETAC/DS-83/029	2 GOVT ACCESSION NO. / 3 RECIPIENT'S CATALOG NUMBER
4 TITLE (and Subtitle): Limited Surface Observations Climatic Summary (LISOCS) - FT RICHARDSON, ALASKA	5 TYPE OF REPORT & PERIOD COVERED: Final Rept
	6 PERFORMING ORG. REPORT NUMBER
7 AUTHOR(s):	8 CONTRACT OR GRANT NUMBER(s)
9 PERFORMING ORGANIZATION NAME AND ADDRESS: USAFETAC/OL-A, Air Force Environmental Technical Appl. Center, Scott AFB IL 62225	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11 CONTROLLING OFFICE NAME AND ADDRESS: USAFETAC/TS, Air Weather Service (MAC), Scott AFB IL 62225	12 REPORT DATE: AUG 83
	13 NUMBER OF PAGES: 400
14 MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office)	15 SECURITY CLASS. (of this report): UNCLASSIFIED
	15a DECLASSIFICATION DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for public release; distribution unlimited.

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

18. SUPPLEMENTARY NOTES

Limited-duty weather observation site.

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

*LISOCS	Climatology	Weather conditions
*RUSSWO	Surface winds	Relative humidity
*Climatological data	Sea-level pressure	Station pressure
Psychrometric summary	Atmospheric pressure	Ceiling versus Visibility

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

This report is similar to a Revised Uniform Summary of Surface Weather Observations (RUSSWO) except the summary generated is from data observed at limited-duty observation sites. This summary is blocked based on the normal hours of observation and only those tables using hourly data are presented. Caution must be exercised when using these summaries as the data reflect conditions occurring only during limited duty hours of operation. // This report is a five-part statisitical summary of surface weather observations for FORT RICHARDSON, ALASKA.

DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE

SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*ALASKA USAK702736
FT RICHARDSON
FORT RICHARDSON

20. It contains the following parts: (A) Weather Conditions; (C) Surface Winds; (D) Ceiling Versus Visibility; (E) Psychrometric Summaries (psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard deviations and observation counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

Accession For	
NTIS GRA&I	☑
DTIC TAB	☐
Unannounced	☐
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A	

This Limited Surface Observations Climatic Summary (LISOCS) is in essence a "RUSSWO" for limited duty sites. The data are "blocked" for the normal hours of operation and only those tables using hourly data (vice Summary of the Day data) are presented. Caution must be exercised when using these summaries, for the data span and a relatively short period of record (POR) reflect conditions occurring only during normal hours of operation. The ALL-ALL tables must be used with extra caution since the data represent only a subset of 24 hours per day. Additionally, we have extracted the available temperature data from the hourly data to provide "Maximum"/"Minimum" temperature tables--read a "HIGH" and "LOW". These tables should be used only as a general guide since data were unavailable for 24 hours/day. This is especially true of the "Minimum" tables, since there is no nighttime data.

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.

USAFETAC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES (LISOCS)
HOURLY OBSERVATIONS

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

SUMMARY OF THE DAY OBSERVATIONS

Summary of the day observations are selected from all data recorded on reporting forms and combined into these observations (records, record-specials, locals, summary of day, remarks, etc.).

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the LISOCS and the manner of presentation. Tabulations are prepared from observations recorded by stations operated by the US Services and some foreign stations using similar reporting practices.

Unless otherwise noted, the following summaries are included in this LISOCS:

PART A: WEATHER CONDITIONS

PART B: NO OR INSUFFICIENT DATA AVAILABLE*

PART C: SURFACE WINDS

PART D: CEILING VERSUS VISIBILITY

SKY COVER

*PRECIPITATION, SNOWFALL AND SNOW DEPTH

PART E: DAILY HIGH, LOW, AND MEAN TEMPERATURES

MAX HIGH AND MIN LOW TEMPERATURES

PSYCHROMETRIC: DRY VS WET BULB

MEAN AND STD DEV. (DRY BULB, WET BULB, AND DEW POINT TEMPERATURES)

RELATIVE HUMIDITY

PART F: STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
702736	Fort Richardson AIN AK	61 16 N	149 39 W	378	PAFR	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
1	Fort Richardson AIN AK	AF	Nov 73	Jan 76	61 16 N	149 39 W	378	Unknown	12
2	Same	AF	Feb 76	Oct 79	Same	Same	Same	Unknown	16
3	Fort Richardson AIN AK Bryant AHP	AF	Nov 79	May 83	Same	Same	Same	338 ft	17
	*Inventory shows records from Jun 65 to Oct 73. No records on file to substantiate inventory.								

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Nov 73	Unknown	Unknown	Unknown	Unknown	
2	Sep 77	GMQ 20 located 1 mile from wea sta next to Rnwy 34	GMQ 20	RO 362	12 ft	
3	Oct 79	Same	Same	Same	12 ft	
4	May 83	Same	Same	Same	12 ft	

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

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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.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02												
	03-05		3.9	1.3	7.2		12.4	12.4				12.4	153
	06-08		3.1	2.1	7.9		12.8	10.2				10.2	382
	09-11		1.9	2.1	8.3		11.9	11.6				11.6	421
	12-14		1.4	2.1	11.2		14.6	8.4				8.4	419
	15-17		2.4	1.5	6.6		10.4	10.7				10.7	412
	18-20		4.5	3.1	8.0		14.8	10.8				10.8	352
	21-23												
TOTALS			2.9	2.0	8.2		12.8	10.7				10.7	2139

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02												
	03-05		1.9	1.3	10.6		13.8	9.4		.6		10.0	160
	06-08		3.4	.7	11.0		15.2	10.8		.2		11.0	409
	09-11		3.3	.2	9.9		13.2	10.4				10.4	425
	12-14		3.8		9.4		12.9	7.7		.2		8.0	426
	15-17		3.9		9.0		12.1	7.0				7.0	413
	18-20		3.4		5.1		8.5	6.5				6.5	352
	21-23												
TOTALS			3.3	.4	9.2		12.6	8.6		.2		8.8	2185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | MAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02												
	03-05		1.8		9.6		11.4	.9				.9	228
	06-08		2.1		14.0		15.6	3.5		.4		3.8	520
	09-11		1.5		14.3		15.4	4.4		.4		4.8	526
	12-14		1.7		12.6		13.9	3.1		.2		3.1	529
	15-17		2.7		9.7	.2	12.5	2.1				2.1	519
	18-20		3.1		8.5		11.4	2.5		.2		2.7	481
	21-23												
TOTALS			2.2		11.5	.0	13.4	2.8		.2		2.9	2793

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 STATION FT RICHARDSON AK STATION NAME 77-82 YEARS APR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02												
	03-05		3.0		9.0		11.6	3.4				3.4	233
	06-08		3.7		7.8		10.6	4.1				4.1	490
	09-11		4.0		5.2		7.7	1.6	.2			1.8	496
	12-14		3.0		4.0		6.5	1.2				1.2	495
	15-17		3.1		4.3		7.4	1.6				1.6	489
	18-20		1.8		5.7		7.5	2.4				2.4	455
	21-23												
TOTALS			3.1		6.6		8.6	2.9	.0			2.4	2658

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 STATION — FT RICHARDSON AK STATION NAME — 77-82 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLE	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												
	03-05		6.5				6.5	2.5				2.5	276
	06-08		6.2		.4		6.2	2.8				2.8	498
	09-11		6.6		.2		6.6	1.6			.2	1.8	498
	12-14		10.8			.2	11.0	.4				.4	498
	15-17		8.4			.2	8.6	.2				.2	486
	18-20		7.8				7.8	.2				.2	462
	21-23												
TOTALS			7.7		.1	.1	7.8	1.3			.0	1.3	2718

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USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70736 FT RICHARDSON AK 77-82 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02												
	03-05		13.6				13.6	1.6				1.6	295
	06-08		14.6				14.6	2.9				2.9	515
	09-11		15.5				15.5	2.7				2.7	516
	12-14		17.6				17.6	1.2	.2			1.4	516
	15-17	.4	14.4				14.4						508
	18-20	.4	13.0			.2	13.4	.6				.6	492
	21-23												
TOTALS		.1	14.8			.0	14.8	1.4	.0			1.4	2842

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7[illegible]736 FT RICHARDSON AK 77-82 JUL
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02												
	03-05		22.5				22.5	8.3				8.3	289
	06-08		24.0				24.0	8.4				8.4	513
	09-11		22.0				22.0	7.5				7.5	510
	12-14		22.1				22.1	4.1				4.1	511
	15-17	.2	23.4				23.4	3.0				3.0	500
	18-20		21.0				21.0	2.7				2.7	476
	21-23												
TOTALS		.0	22.5				22.5	5.7				5.7	2799

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 [illegible]736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02												
	03-05		13.7				13.7	8.5				8.5	306
	06-08		16.3				16.3	9.8				9.8	528
	09-11		17.8				17.8	8.7				8.7	528
	12-14		18.7				18.7	6.4	.8			6.6	528
	15-17		16.5				16.5	4.0	1.0			4.4	520
	18-20		17.7				17.7	2.8	1.2			3.4	504
	21-23												
TOTALS			16.8				16.6	6.7	.5			6.9	2919

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

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible] WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02												
	03-05		18.4				18.4	5.3	1.1			5.7	282
	06-08		20.2		.2		20.2	6.3	1.2			7.0	489
	09-11		20.4		.6		21.1	3.7	1.2			4.3	489
	12-14		20.1				20.1	2.5	1.0			3.5	488
	15-17	.2	18.5				18.5	2.1				2.1	480
	18-20	.2	17.7				17.7	1.1	.6			1.7	462
	21-23												
TOTALS		.1	19.2		.1		19.3	3.5	.9			4.1	2690

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70 736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — 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												
	03-05		11.7		11.0		21.6	11.3				11.3	262
	06-08		10.3		13.7		22.4	16.5				16.5	504
	09-11		10.5		15.3		25.2	15.9				15.9	504
	12-14		11.3		15.4		25.9	11.7				11.7	506
	15-17		14.6		10.8		24.6	13.6				13.6	499
	18-20		12.8		10.7		22.5	13.7				13.7	496
	21-23												
TOTALS			11.9		12.8		23.7	13.8				13.8	2771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02												
	03-05		4.5	.5	14.9		19.9	16.7				16.7	221
	06-08		3.8		15.5		19.1	16.6				16.6	471
	09-11		4.2		15.6		19.8	15.6		.6		16.2	474
	12-14		5.5	.4	14.8		20.3	11.4		.4		11.8	474
	15-17		5.8		12.6		18.4	12.6				12.6	467
	18-20		6.0		13.7		19.1	12.9				12.9	451
	21-23												
TOTALS			5.0	.2	14.5		19.4	14.3		.2		14.5	2558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	00-02												
	03-05		1.3	.9	13.8		16.1	10.7				10.7	224
	06-08		2.2		13.3		15.5	9.6				9.6	489
	09-11		2.0		14.5		16.6	13.7				13.7	495
	12-14		2.3	.2	18.3		20.7	9.2				9.2	487
	15-17		1.1		16.3		17.4	8.3		.2		8.3	472
	18-20		1.8	.5	17.6		19.6	6.1		.2		6.3	443
	21-23												
TOTALS			1.8	.3	15.6		17.7	9.6		.1		9.6	2610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 [illegible]736 FT RICHARDSON AK 77-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HR	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		2.9	2.0	8.2		12.8	10.7				10.7	2139
FEB			3.3	.4	9.2		12.6	8.6		.2		8.8	2185
MAR			2.2		11.5	.0	13.4	2.6		.2		2.9	2793
APR			3.1		6.0		8.6	2.4	.0			2.4	2658
MAY			7.7		.1	.1	7.8	1.3			.0	1.3	2718
JUN		.1	14.8			.0	14.8	1.4	.0			1.4	2842
JUL		.0	22.5				22.5	5.7				5.7	2799
AUG			16.8				16.8	6.7	.5			6.9	2914
SEP		.1	19.2		.1		19.3	3.5	.9			4.1	2690
OCT			11.9		12.8		23.7	13.8				13.8	2771
NOV			5.0	.2	14.5		19.4	14.3		.2		14.5	2558
DEC			1.8	.3	15.6		17.7	9.6		.1		9.6	2610
TOTALS		.0	9.3	.2	6.5	.0	15.8	6.7	.1	.1	.0	6.8	31677

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ENVIRONMENTAL TECHNICAL
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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 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.

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SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 75-82 MONTH 16

CLASS ALL WEATHER

CONDITION _____

HOURS (L.S.T.) 2200-0400

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.2										.1	
NNE	.2	1.2	.7									.1	
NE	.3	3.1		1.3		.2						.8	
ENE	.4	2.6										4.5	
E	.2	1.3	1.3	.7								3.2	
ESE	1.3	.2				.7						.6	
SE		.7										.7	
SSE	1.2	.2	.7									.4	
S	1.4											1.8	
SSW		.2	.7									1.3	
SW	.7											.7	
WSW	.7											.7	
W	.7											.7	
WNW													
NW	.2	.7	.7									.1	
NNW		.2	.7									1.3	
VARBL													
CALM												.1	
	1.3	13.7	4.6	2.0		1.2						1.0	

TOTAL NUMBER OF OBSERVATIONS 1[illegible]

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

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SURFACE WINDS

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

736 FT RICHARDSON A 77-8 JA
STATION STATION NAME YEARS MONTH

ALL WEATHER 00-23
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	.										3.1	2.0
NNE	3.7	1.6			.2							.8	4.5
NE	4.7	.3	.3	1.1	.5	.5						7.5	4.6
ENE	1.1	1.6	.5		.2							3.4	3.2
E	4.2	1.1	.6	.3				.2				6.4	3.1
ESE	.2	.7	.3	.2	.2							1.6	1.6
SE	.	.3	.5	.5			.2					2.4	.9
SSE	.	.										1.1	.4
S	.	.3	.3									1.6	4.2
SSW	.	1.2										.8	3.5
SW		.										.	5.0
WSW	.1											.1	4.0
W	1.1	.										.8	3.1
WNW	.											.3	2.0
NW	.1											.4	2.0
NNW	.	.2										1.3	2.0
VARBL													
CALM												7.6	
	21.3	11.7	2.6	2.1	1.0	.5	.3	.3				100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 1

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

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...TAC
...RTH ... OFFICE / MAC

SURFACE WINDS

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

70L — STATION
FT RICHARDSON, AK — STATION NAME
57-C — YEARS
A — MONTH
ALL WEATHER — CLASS
00-24 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2										1.8	5.0
NNE	1.7	.4			.2							.6	4.3
NE	.8	1.0	1.2	1.2	.7							1.4	8.1
ENE	1.3	.8	.2									2.3	5.8
E	.1	.2	.7	.5								.5	8.0
ESE	.4		1.0	.2								1.4	6.6
SE	.6		.7			.4						.2	1.0 6.0
SSE	.2	.2	.7									1.2	4.4
S	1.7	.2	.5									.8	4.8
SSW	.4	1.2	.2									1.8	3.4
SW	.4	.2	1.5									1.4	7.0
WSW		.4	.2									1.4	6.0
W		.4		.2								.2	4.0
WNW		.4										.4	4.0
NW													
NNW	.4	.4	.4									1.0	3.7
VARBL													
CALM												.1	
	10.3	7.4	6.7	2.1	1.2	.4							

TOTAL NUMBER OF OBSERVATIONS

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

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SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-8 YEARS | JA MONTH

ALL CATEGORY CLASS | 1:30-1:30 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.0										3.6	4.3
NNE	4.3	1.2	.2	.2	.2							5.2	4.0
NE	3.0	1.4	.7	.5	.5							5.7	4.1
ENE	2.1	.2	.2	.2								2.6	3.5
E	1.2	1.4	.2	.2								2.9	4.0
ESE	1.0	.3		.2	.2							1.7	4.0
SE	.4	.4		.5	.2		.4	.2				1.7	11.4
SSE	1.2		.7	.2	.2							2.4	7.0
S	1.0											1.0	4.0
SSW	.4	.2	.2									.7	4.0
SW	.2		.2	.5								1.0	6.3
WSW	.4	1.0	.5									1.9	6.0
W	.0	.2	.5									1.6	5.7
WNW	.4											.4	3.0
NW	.4	.3										1.0	4.3
NNW	.7											.7	4.0
VARBL													
CALM												4.0	
	19.0	7.4	1.6	2.6	1.4		.4	.2				100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 461

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 17-6 MONTH _____

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

CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.0	.5									1.7	5.3
NNE	.4	1.0	.5	1.5	.2							3.6	9.1
NE	.4	.7	.2	.5								1.8	7.0
ENE	.1	.7	.2	.2								1.2	7.0
E	.2	.2	.5	.2	.2							.4	6.5
ESE	.2		.2	.2	.2							.8	9.0
SE	.2		.2			.2	.2					1.0	11.2
SSE	.7	.7	.7	.2	.2							2.5	7.4
S	.2	.2	.5									.9	4.1
SSW	.2	.2	.2	.5	.2							1.2	7.5
SW			.2	.2	.2							.7	14.7
WSW	.2		.5	.2								1.0	10.0
W	.2	.2	.2									.7	9.7
WNW	.2											.2	6.0
NW		.2										.2	10.0
NNW	.2	.2										.4	9.0
VARBL													
CALM												4.8	
	1.2	6.2	4.5	3.4	1.5	.2	.2					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 412

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

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[illegible] SERVICE/MAC

SURFACE WINDS

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

[illegible] F. [illegible] AB — 77-[illegible] — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL [illegible]
CLASS

CONDITION

HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.		.								.[illegible]	[illegible]
NNE	1.[illegible]	2.[illegible]	1.4	.[illegible]								.1	[illegible]
NE	.[illegible]	1.[illegible]	.[illegible]	.3								[illegible]	[illegible]
ENE	1.[illegible]	.[illegible]		.[illegible]								[illegible]	[illegible]
E	2.[illegible]	.[illegible]	.6									1.[illegible]	[illegible]
ESE	.[illegible]		.[illegible]									[illegible]	[illegible]
SE	.[illegible]	.[illegible]	.6	1.4	.3							.[illegible]	[illegible]
SSE	.[illegible]	.5		.[illegible]								1.1	[illegible]
S	1.[illegible]		.[illegible]									1.[illegible]	[illegible]
SSW	.											.	[illegible]
SW	.[illegible]	.6	1.1	.[illegible]								[illegible]	[illegible]
WSW		.	.3									.[illegible]	[illegible]
W		.[illegible]										[illegible]	[illegible]
WNW	.[illegible]		.[illegible]									[illegible]	[illegible]
NW													
NNW	.											.	[illegible]
VARBL													
CALM												57.[illegible]	
	1.1	7.7	5.4	3.7	.3							[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH

CLASS _____ HOURS (L S T)

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

USAFETAC FORM 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible]

SURFACE WINDS

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

[illegible] FT [illegible] SON AF — 77-82 — [illegible]
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 00-23
CLASS — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.3										.01	
NNE	.2	.2										1.0	1.0
NE	1.2	1.3	.6	1.3	.6							.06	7.0
ENE	1.0	.4	1.3	.6								.04	
E	1.0	.6										.01	
ESE	.2	.2	.2	1.2								.01	
SE	1.0		.2	1.2								.02	
SSE	.2	.6		.2								.02	
S	1.0		.4									.02	
SSW	.2											.02	
SW													
WSW					.2							.06	
W	.2	1.2	.4									.02	
WNW													
NW													
NNW		1.2										.01	
VARBL													
CALM												.5	
	1.9	.1	4.4	5.6	1.2								

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 77-[illegible] MONTH [illegible]

CLASS ALL [illegible]

CONDITION _____

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

SPEED (KNTS) DIR.	1 - 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										.2	4.1
NNE	.2	1.1	.5	1.2	.2							4.2	6.7
NE	2.1	1.2		.2	.2							4.1	4.5
ENE	.2	.7	1.2									4.2	7.1
E	1.7		.2	.2	.2	.2						.7	5.1
ESE	.2	.7	.2	1.5	.2							3.2	1.1
SE	1.1	.2	.5	.2	.2	.2						.3	3.7
SSE	1.1	.5	1.	1.2								4.2	7.7
S	1.1	1.2	.2	.2								.1	4.4
SSW	.1	1.1	.5									.2	3.1
SW					.7							.7	6.1
WSW		.1										.1	4.3
W	.1	.7										1.2	4.1
WNW	.1	.1										.1	3.1
NW	.1	.1										.1	4.1
NNW	.1											.1	2.1
VARBL													
CALM												1.1	
	1.1	3.2	4.4	4.6	2.1	.5						1.1	4.4

TOTAL NUMBER OF OBSERVATIONS 4[illegible]

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... WEATHER SERVICE/MAC

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-8 (YEARS) (MONTH)

ALL WEATHER (CLASS) 0?-11? (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.2										.4	4.5
NNE	2.1	1.2	.7	.5	.7							.4	6.7
NE	1.5	1.1	.5	.5	.2	.2						4.2	9.7
ENE	1.1	1.1	.5									.1	4.7
E	2.1	.3	.2									.1	2.0
ESE	.3	.2	.5	.5	.5	.2	.2					2.4	14.4
SE	.7			1.4	1.4							3.3	13.4
SSE	.4	.4	.1	.5								1.5	9.1
S	2.1	.7	.5									.3	4.7
SSW	1.	2.1	1.2	.7								.5	6.3
SW	.3	.3	.5									1.1	4.4
WSW	.2	.3										1.1	5.4
W	.3	.1										1.4	2.9
WNW	.3	.2										.2	2.2
NW													
NNW	.1	.2	.2									.1	3.7
VARBL													
CALM												4.1	
	16.2	11.1	5.2	3.5	3.1	.3	.2					100.	6.7

TOTAL NUMBER OF OBSERVATIONS 1...

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 77-[illegible] YEARS | [illegible] MONTH

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

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ET C
[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

735	FT RICHARDSON AK	77-8	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL [illegible]EATHER
CLASS

[illegible]-17
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]0.2	1.7	.5	.5								[illegible].2	4.[illegible]
NNE	[illegible].2	2.2	1.9	.7	.7	.2						6.7	7.[illegible]
NE	.2	1.5	1.7	1.2	.2	.2						7.[illegible]	7.[illegible]
ENE	1.0	.7	1.0	.2								[illegible].[illegible]	[illegible].[illegible]
E	.2	.5	.7									1.[illegible]	[illegible].[illegible]
ESE	.2	.7	1.[illegible]		.2							2.2	7.[illegible]
SE	.2	.5	.5	.7	.2	.7						2.[illegible]	1[illegible].[illegible]
SSE	1.[illegible]		.2	.2	.2							1.7	[illegible].6
S	1.[illegible]	.7	.7	.5								3.[illegible]	[illegible].1
SSW	1.[illegible]	.7	.5									2.7	4.1
SW	1.7	.7	.5									[illegible].[illegible]	[illegible].[illegible]
WSW	.[illegible]	1.[illegible]	.2									1.[illegible]	[illegible].[illegible]
W	1.0	.2										1.[illegible]	[illegible].[illegible]
WNW	.[illegible]	.5	.2									1.2	4.[illegible]
NW		.[illegible]										.[illegible]	[illegible].[illegible]
NNW	1.7	.[illegible]		.2								2.[illegible]	[illegible].[illegible]
VARBL													
CALM												.5	
	[illegible].1	12.3	7.7	4.9	1.7	1.2						[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1.

AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE, AL

SURFACE WINDS

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

[illegible] STATION | FT [illegible], AK STATION NAME | 77-8[illegible] YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.[illegible]	.[illegible]									.[illegible]	[illegible]
NNE	1.1	2.[illegible]	1.4	1.4	.6	.[illegible]						[illegible].[illegible]	[illegible].[illegible]
NE	.3	.6	.[illegible]	.[illegible]	.[illegible]							.1	7.[illegible]
ENE	.[illegible]		.[illegible]									.1	[illegible].[illegible]
E	1.[illegible]	.[illegible]	1.4	.[illegible]	.[illegible]							[illegible].[illegible]	[illegible].[illegible]
ESE	.[illegible]	.[illegible]	1.1									.3	5.[illegible]
SE	.[illegible]	.6	.5	1.7			.[illegible]					.4	1[illegible].[illegible]
SSE	.[illegible]	.[illegible]	.[illegible]									.[illegible]	[illegible].[illegible]
S	.[illegible]	.[illegible]	.[illegible]	.6								.4	[illegible].1
SSW	.[illegible]	.[illegible]										.1	[illegible].[illegible]
SW													
WSW	.[illegible]	.[illegible]	.[illegible]									[illegible].[illegible]	[illegible].[illegible]
W	.[illegible]											.[illegible]	[illegible].[illegible]
WNW	.[illegible]											.[illegible]	1.[illegible]
NW													
NNW	.[illegible]											.[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible].[illegible]	
	[illegible].[illegible]	6.5	[illegible].[illegible]	[illegible].4	1.7	.[illegible]	.[illegible]					[illegible][illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
ETAC
...THER SERVICE/MAC

SURFACE WINDS

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

936 (STATION) FT RICHARDSON AK (STATION NAME) 77-81 (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	1.5	.3	.2								.4	4.
NNE	.3	1.7	1.1	.2	.5	.2						.7	7.2
NE	.2	1.2	.5	.6	.3	.2						.4	6.1
ENE	1.1	.7	.7	.1								.2	4.1
E	1.1	.2	.5	.2	.1	.2						.2	4.
ESE	.1	.6	.1	.5	.3	.1	.1					.3	7.
SE	.7	.3	.3	1.1	.5	.2	.					.3	11.1
SSE	1.4	.5	.5	.1	.1							.5	5.
S	1.3	.9	.5	.3								.3	4.
SSW	1.4	.	.5	.2								.2	4.1
SW	.1	.4	.2		.1							1.1	5.
WSW	.2	.2	.1		.2							.1	4.4
W	1.2	.5	.1									1.3	5.1
WNW	.1	.2	.1									.2	5.4
NW	.1	.1										.1	7.1
NNW	.2	.4	.1	.1								1.1	5.
VARBL													
CALM												5.	
	11.5	11.1	.6	4.4	2.1	.6	.1					1.0	5.2

TOTAL NUMBER OF OBSERVATIONS ...

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

AL [illegible] TOLO [illegible]
T C
AT[illegible] SERVICE/MAC

SURFACE WINDS

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

[illegible] [illegible] [illegible] AK — 77-8[illegible] — MA
STATION — STATION NAME — YEARS — MONTH

ALL [illegible]
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	1.[illegible]										.[illegible]	.[illegible]
NNE	.1	.[illegible]	.4									.[illegible]	.[illegible]
NE	[illegible].[illegible]	.[illegible]	.4									[illegible].[illegible]	[illegible].[illegible]
ENE	1.[illegible]	1.3	.4									.1	5.7
E	1.[illegible]	.[illegible]	.4									.1	[illegible].[illegible]
ESE	.[illegible]											.[illegible]	.[illegible]
SE			.[illegible]	.4	.[illegible]	.[illegible]						.2	14.[illegible]
SSE	.4	.[illegible]			.[illegible]		.[illegible]					.[illegible]	1.[illegible]
S	.4	.[illegible]										1.[illegible]	[illegible].[illegible]
SSW	1.[illegible]	2.2										[illegible].[illegible]	4.1
SW	.[illegible]	.1	1.[illegible]	.4								.1	[illegible].[illegible]
WSW		.[illegible]										.[illegible]	[illegible].[illegible]
W	1.[illegible]											1.[illegible]	[illegible].[illegible]
WNW	.[illegible]	.4										.[illegible]	[illegible].[illegible]
NW	.[illegible]											.[illegible]	[illegible].[illegible]
NNW		.[illegible]	.[illegible]									.[illegible]	[illegible].[illegible]
VARBL												.[illegible]	[illegible].[illegible]
CALM												[illegible].4	
	1.7	10.[illegible]	4.4	.[illegible]	1.3	.4	.4					[illegible].[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2[illegible]

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

AL CLIMATOLOGY BRANCH
ET C
WEATHER SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-8	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2										.4	4.3
NNE	3.1	1.2										4.3	4.1
NE	.8	1.0										1.8	5.0
ENE	1.2	1.2										.1	4.1
E	.4	.4	.0	.1	.2							1.1	7.1
ESE	.1	.4	.2	.1								.8	6.7
SE	.1	.2	.6	.2	1.2	.4						2.6	11.1
SSE	.2	.4	.2	.2	.2	.4						.3	8.3
S	1.0	.4	.4									.1	4.0
SSW	1.0	1.2	.4									.1	4.0
SW	.2	.3	.3	.1								.8	5.0
WSW	.2		.4									1.2	5.4
W	.2	.2										1.0	4.0
WNW	.2											.3	4.0
NW	.1											.3	4.0
NNW	.1	.3	.4									1.0	4.0
VARBL													
CALM												1.3	
	11.5	9.2	3.1	1.5	1.7	.8						32.3	4.0

TOTAL NUMBER OF OBSERVATIONS 32

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

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____ MONTH _____

CLASS _____ HOURS (L.S.T.) _____

CONDITION _____

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

TOTAL NUMBER OF OBSERVATIONS _____

AL CLIMATOLOGY - ETAC
TAC
AIR WEATHER SERVICE MAC

SURFACE WINDS

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

720 — STATION
FT RICHARDSON AK — STATION NAME
77-8.. — YEARS
.2 — MONTH
ALL WEATHER — CLASS
1.-2-1.-.. — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.07	0.3	.06									11..	..1
NNE	2..	1.7										.4	..
NE	1.1	1.1										.7	1..
ENE	.1	.4	.2	.2								1..	..
E	1.	.3	.4									1.	..4
ESE	.1	.2	.1			.4						.2	.
SE	.	1.	.3	1.5	.2	.4						4..	1..
SSE	.4	.2	.1	.2								1.	..
S	.	.1	.4	.6								1.7	7..
SSW	1.2	.3	1.1	.4								1.	..
SW	1.2	.	.4	.4								.3	..
WSW	2.	1.1										.2	..
W	.2	4.6	.2									1..1	..
WNW	1.2	.2										1.7	..
NW	1.	1.1										..	..
NNW	.1	4.4	.1									7.1	..
VARBL													
CALM												7..	
	.4	4.2	.2	.7	.2	.3						1..	.1

TOTAL NUMBER OF OBSERVATIONS ..

AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC

SURFACE WINDS

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

736	FT [illegible] AK	77-8[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

730 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | MONTH

ALL WEATHER CLASS | HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	.6									4.4	5.8
NNE	1.7	.3										2.0	3.0
NE	1.1	.8	.4									2.3	4.0
ENE	1.2	.1	.4									1.7	4.1
E	.1	.4	.2	.2	.2							1.1	7.0
ESE	1.0	1.1	1.7	.4	.2							4.4	7.0
SE	.8	1.2	.6	1.2	.2							3.9	8.4
SSE	.5	.8	1.2		.4							2.7	6.2
S	1.1	.2	.1									1.3	4.1
SSW	1.7	.2	1.1	1.0								3.9	6.2
SW	1.2	.1	.2	.1								1.7	5.0
WSW	1.1	.1	.4									1.6	4.2
W	.1	.3	.2	.2								1.0	5.0
WNW													
NW				.2								.2	10.0
NNW	.1	.2										1.0	6.0
VARBL													
CALM												.2	
	17.3	10.4	7.7	4.2	.8	.2							5.2

TOTAL NUMBER OF OBSERVATIONS

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

AL CLIMATOLOGY [illegible]
LTAC
[illegible] SERVICE/MAC

SURFACE WINDS

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

73 (STATION) EL DORADO, AR (STATION NAME) 72-6 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	.4									[illegible]	[illegible]
NNE	1.3	1.[illegible]	.3	.[illegible]								.6	[illegible]
NE	1.[illegible]	1.1	.3									.[illegible]	[illegible]
ENE	.[illegible]	.[illegible]	.[illegible]	.[illegible]								1.	4.
E	.[illegible]	.5	.4	.[illegible]	.1	.[illegible]						[illegible]	[illegible]
ESE	.[illegible]	.7	.7	.3	.	.1						2.4	[illegible]
SE	.4	.[illegible]	.9	.9	.5	.3						3.7	11.[illegible]
SSE	.	.5	.7	.[illegible]	.4	.1	.					[illegible]	[illegible]
S	.[illegible]	.[illegible]	.4	.1								1.4	4.[illegible]
SSW	1.[illegible]	.6	.6	.5	.[illegible]							[illegible]	[illegible]
SW	1.[illegible]	.	.5	.4								.7	[illegible]
WSW	1.[illegible]	1.	.4									.	[illegible]
W	2.7	2.[illegible]	.1	.[illegible]								4.	[illegible]
WNW	.9	.[illegible]	.[illegible]									1.1	[illegible]
NW	.7	.3		.[illegible]								1.0	[illegible]
NNW	[illegible].1	1.	.4									1.4	[illegible]
VARBL													
CALM												[illegible].0	
	[illegible].7	15.[illegible]	[illegible].3	[illegible].8	1.1	.[illegible]	.[illegible]					[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible],701

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

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

SURFACE WINDS

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

734 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
0700-[illegible] — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N													
NNE	1.7	1.7	.4									.4	[illegible]
NE	.	1.3	.5									.	.4
ENE	.1	.4	.8									1.3	4.7
E	.1	.4										.5	.7
ESE	.8	.	1.7	.6								3.4	8.0
SE			.	.6								1.1	11.7
SSE	.6		.4		.3							1.3	9.7
S	1.7	1.3	.4									.4	5.0
SSW	1.7	.4										.1	[illegible]
SW	1.7	2.1	.5									4.3	5.5
WSW	.4	.										1.3	4.0
W													
WNW				.1								.4	[illegible]
NW													
NNW	.1											.4	[illegible]
VARBL												.4	[illegible]
CALM												71.2	
	11.5	[illegible]	0.0	1.3	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
ETAC
AT [illegible] SERVICE AC

SURFACE WINDS

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

72[illegible] STATION | [illegible] STATION NAME | 77-6[illegible] YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	[illegible]										4.1	[illegible]
NNE	.7	1.4	.2	.2								4.1	[illegible]
NE	.2	.4	.4									1.1	[illegible]
ENE	1.4	[illegible]	.4									.0	.4
E	.2	.2	.2									1.2	4.[illegible]
ESE	.2	.2	1.4	.2								2.0	[illegible]
SE	[illegible]	.2	.2	1.2	.2							1.2	11.2
SSE	.2	.2	.5	.4								1.2	6.6
S	.2	.4										1.2	[illegible]
SSW	1.[illegible]	2.[illegible]	.6									4.5	4.[illegible]
SW	.4	.6	.4									1.4	4.[illegible]
WSW	[illegible]	1.2	.2									1.4	4.[illegible]
W	[illegible]	.4										2.4	6.6
WNW	[illegible]	.4										.2	4.2
NW	.[illegible]	.2										.4	[illegible]
NNW	.4	.6										1.0	[illegible]
VARBL													
CALM												[illegible].2	
	1.4	[illegible].2	[illegible].5	2.0	.2							[illegible]	1.5

TOTAL NUMBER OF OBSERVATIONS [illegible]43

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

730 FT RICHARDSON AK 77-82 ALL MONTH
STATION STATION NAME YEARS

ALL WEATHER 0000-1100
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	3.6	1.4	.2	.2							1.1	3.4
NNE	.7	.5	.6									.8	3.0
NE	.4	.5	.3	.6								.8	3.0
ENE	.4	.7										1.1	3.0
E			.4		.2							.6	12.0
ESE		.2	.1	.6	.2							.9	11.1
SE	.1	.6	.8	.2	.2							1.9	7.1
SSE	.4	.2	.4	.4								1.4	7.0
S	.1	.4		.2								.7	4.3
SSW	1.2	.6	1.1	.4								3.3	6.7
SW	1.6	1.2	.6									4.4	4.5
WSW	3.2	1.1	1.0	.4								5.6	4.4
W	.2	4.2										7.3	5.4
WNW	.2	1.6	.4									4.2	5.7
NW	.6	1.2	.4									2.4	5.0
NNW	3.1	3.6	.6									7.1	4.7
VARBL													
CALM												14.3	
	21.2	21.4	7.3	3.0	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 492

AL CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/USAF

SURFACE WINDS

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

736 — STATION
FT RICHARDSON, AK — STATION NAME
77-c. — YEARS
. — MONTH
ALL WEATHER — CLASS
1100-1400 — 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	7.3	3.5	.6								15.2	4.4
NNE	2.2	2.6	2.0	.4								7.1	3.5
NE	.8	.5	.4									1.8	.6
ENE	.9	.6	.4									1.9	.6
E	.8	.3		.4								1.6	.6
ESE		.2	1.2	.5	.2							1.9	3.6
SE	.2	.2	.3	.2								.9	7.1
SSE	.4	.3	1.6	.6								2.9	6.1
S	.4	.6	.2									.2	4.1
SSW	.3	.6										1.4	3.7
SW	1.4	.6	.2	.1								.8	2.4
WSW	.8	.3	.2	.2								.1	4.4
W	4.4	4.3	.5									10.1	3.2
WNW	2.4	3.4	1.2									7.1	4.4
NW	.2	3.2	.2									5.7	4.1
NNW	.1	3.2	.8	.4								.9	4.4
VARBL													
CALM												11.8	
	24.2	32.9	15.4	3.6	.2							100.3	4.2

TOTAL NUMBER OF OBSERVATIONS 505

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

AL CLIMATOLOGY BRANCH
ETAC
SATELLITE SERVICE/MAC

SURFACE WINDS

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

730 | FT RICHARDSON AK | 77-F | [illegible]
STATION | STATION NAME | YEARS | MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.2	4.2	2.2	.4								1.3	4.0
NNE	.7	2.1	3.6	.4								7.0	4.3
NE	1.2	1.7	.2									2.3	4.1
ENE	.4	.			.1							1.4	3.4
E	.4	.3	.2	.2								1.1	3.4
ESE	.7	.4	1.6	.9								3.5	4.7
SE	.4	1.	.7	.6								2.7	5.7
SSE	.9	2.1	3.3	.4	.1							6.8	7.2
S	.	.4	.7									1.1	4.0
SSW	.	2.1										.1	4.5
SW	.7	1.3	.3	.4								2.7	4.0
WSW	1.4	2.1	.2	.4								4.1	4.1
W	3.3	1.2	2.1	.2								13.7	4.0
WNW	2.7	3.1	.4									6.1	3.7
NW	3.	1.3										4.3	3.4
NNW	3.3	3.1	1.2	.2								7.8	4.4
VARBL													
CALM												11.2	
	24.7	36.2	16.4	4.1	.1							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 48

SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 77-82 YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	2.6	.7	.2								5.7	[illegible]
NNE	.2	1.2	.3									.6	[illegible]
NE	.2	1.3	.5									.1	.1
ENE	1.	.2										1.2	[illegible]
E	1.1	.4	1.2	.2								3.	[illegible]
ESE	.7	.2	1.2	.7	.2							3.7	[illegible]
SE	.2	.2	2.2	1.2	.2							4.	.7
SSE	.7	.4	1.1	.7								[illegible]	[illegible]
S	1.2	.7	1.1	.2								3.3	[illegible]
SSW	1.2	.2	.2									2.4	[illegible]
SW	1.	1.3	.4									2.	[illegible]
WSW	2.4	1.1	.4									[illegible]	[illegible]
W	4.	3.7	.2									[illegible]	[illegible]
WNW	1.1	.4										1.	[illegible]
NW	.2											.2	[illegible]
NNW	.4	.7	1.3	.4								2.2	[illegible]
VARBL													
CALM												13.5	
	21.	16.5	12.2	3.7	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY B ANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

72[illegible] FT [illegible] [illegible] AF | 77-8 | | ALL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T) ALL

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.9	1.3	.2	.0							8.1	3.[illegible]
NNE	.1	1.7	1.4	.2								3.3	4.[illegible]
NE	1.1	.	.5	.1								1.4	4.[illegible]
ENE	.[illegible]	.4	.2		.[illegible]							1.[illegible]	4.[illegible]
E	.7	.[illegible]	.[illegible]	.2	.[illegible]							1.[illegible]	[illegible].[illegible]
ESE	.[illegible]	.5	1.3	.5	.1							[illegible].[illegible]	[illegible].[illegible]
SE	.[illegible]	.5	1.2	.7	.1							[illegible].[illegible]	[illegible].[illegible]
SSE	.[illegible]	.[illegible]	1.4	.[illegible]	.1							[illegible].0	[illegible].[illegible]
S	.[illegible]	.[illegible]	.[illegible]	.1								.[illegible]	4.[illegible]
SSW	1.2	1.3	.3	.1								.[illegible]	4.4
SW	1.2	1.2	.4	.2								3.[illegible]	4.7
WSW	.[illegible]	1.[illegible]	.5	.2								4.3	4.[illegible]
W	3.[illegible]	4.[illegible]	.3	.[illegible]								.1	[illegible].[illegible]
WNW	1.[illegible]	1.7	.3	.0								[illegible].[illegible]	4.1
NW	1.4	1.2	.1									2.7	[illegible].[illegible]
NNW	.3	[illegible].	.7	.2								[illegible].[illegible]	4.4
VARBL													
CALM												[illegible].4	
	23.[illegible]	22.1	11.1	[illegible].1	.4							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

[illegible] STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3											1.3	[illegible]
NNE	.2	.7	.7									[illegible]	[illegible]
NE	.2	1.										[illegible]	[illegible]
ENE	1.1	1.1										[illegible]	[illegible]
E	.2	.7	.4									[illegible]	[illegible]
ESE		.4	.7									1.1	[illegible]
SE	.4	.4	4.1	1.1								[illegible]	[illegible]
SSE	.4		.4									.7	[illegible]
S	[illegible]											[illegible]	[illegible]
SSW	1.	.7										[illegible]	[illegible]
SW	.5	.7										1.1	[illegible]
WSW	.7	.4										[illegible]	[illegible]
W	.4											.5	[illegible]
WNW	.7	.5										1.1	[illegible]
NW													
NNW													
VARBL													
CALM												[illegible]	
	17.	7.2	6.2	1.1								[illegible]	1.

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

73[illegible] FT RICHARDSON AP 77-[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.4	2.5	.4									7.[illegible]	[illegible]
NNE	[illegible]	2.4	.4									[illegible]	[illegible]
NE	2.4	2.7	.6									[illegible]	[illegible]
ENE	1.2	[illegible]										[illegible]	[illegible]
E	[illegible]	.4										[illegible]	[illegible]
ESE		[illegible]	1.[illegible]	.[illegible]								[illegible]	[illegible]
SE	.[illegible]	[illegible]	2.6	.4								[illegible]	[illegible]
SSE			1.[illegible]									1.[illegible]	[illegible]
S	[illegible]	.6										1.2	[illegible]
SSW	1.[illegible]	[illegible]	.2									[illegible]	[illegible]
SW	1.4	2.[illegible]	.9									4.[illegible]	[illegible]
WSW	[illegible]	3.[illegible]	.4									7.[illegible]	[illegible]
W	[illegible]	3.[illegible]	.2									[illegible]	[illegible]
WNW	1.[illegible]	.[illegible]										2.4	[illegible]
NW	.[illegible]	.[illegible]										[illegible]	[illegible]
NNW	2.[illegible]	1.[illegible]										3.4	[illegible]
VARBL													
CALM												1.4	
	27.7	32.3	7.6	1.0								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

SURFACE WINDS

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

736 FT RICHARDSON, AK — 77-83 — [illegible]
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.3	5.4	1.2									[illegible]	[illegible]
NNE	.6	2.2	.4									.5	[illegible]
NE	1.0	.9										1.4	[illegible]
ENE	.9	.9	.2									1.[illegible]	.[illegible]
E	.9	.[illegible]			.[illegible]							.[illegible]	.[illegible]
ESE		.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]						.[illegible]	1.[illegible]
SE	.2	.[illegible]	2.4	1.4	.2	.6						5.5	11.2
SSE	.[illegible]	.[illegible]	.4	.[illegible]								1.6	.[illegible]
S	.6	.[illegible]		.[illegible]	.2							1.2	[illegible]
SSW	1.2	.[illegible]	.2									.[illegible]	[illegible]
SW	.2	1.[illegible]	.[illegible]									[illegible]	.[illegible]
WSW	[illegible]	4.4	1.2	.[illegible]								[illegible]	4.[illegible]
W	.6	7.4	2.2	.[illegible]								1[illegible].2	4.4
WNW	4.2	2.[illegible]	1.									[illegible]	.[illegible]
NW	[illegible]	[illegible]										[illegible]	.[illegible]
NNW	[illegible]	3.5	.4									7.[illegible]	4.[illegible]
VARBL													
CALM												[illegible]	
	[illegible].1	3[illegible].7	1[illegible].2	[illegible].8	.[illegible]	.[illegible]						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC

SURFACE WINDS

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

738	[illegible]	57-9[illegible]	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1[illegible]-14[illegible]
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	4.[illegible]	1.[illegible]									[illegible]	[illegible]
NNE	1.[illegible]	1.2	.2									[illegible]	[illegible]
NE	.[illegible]	.[illegible]	.6									1.[illegible]	[illegible]
ENE	1.[illegible]		.[illegible]	.[illegible]								1.[illegible]	4.4
E	.[illegible]	.4	.4									[illegible]	[illegible]
ESE	.[illegible]	.4	1.[illegible]	.[illegible]	.[illegible]							[illegible]	[illegible]
SE		1.[illegible]	2.6	3.2	.[illegible]	.[illegible]						.4	11.[illegible]
SSE	1.[illegible]	1.[illegible]	2.4	1.[illegible]	.[illegible]							.4	7.7
S	.[illegible]	.4	1.2	.4								2.4	[illegible]
SSW	1.[illegible]	.4	.4									[illegible]	4.[illegible]
SW	1.[illegible]	1.[illegible]	.6									[illegible]	[illegible]
WSW	1.[illegible]	5.[illegible]	2.[illegible]									[illegible]	[illegible]
W	[illegible]	6.4	3.6									11.1	[illegible]
WNW	[illegible]	4.[illegible]	.8									6.[illegible]	[illegible]
NW	.[illegible]	2.[illegible]	.2									[illegible]	[illegible]
NNW	1.[illegible]	3.[illegible]	1.[illegible]									[illegible]	[illegible]
VARBL													
CALM												14.5	
	24.[illegible]	34.[illegible]	18.3	9.6	1.[illegible]	.[illegible]						1[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
USAF
[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

723 — STATION
FT RICHARDSON AK — STATION NAME
77-8 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.2	1.									3.3	[illegible]
NNE	1.0	2.3	.4									.7	5.1
NE	.1	.1	.2									.4	4.4
ENE	.4	.4	.2									1.0	[illegible]
E	.2	.	.2									1.0	4.7
ESE		1.3	3.7	1.2	.4	.2						7.	[illegible]
SE	.	1.2	2.6	4.6	2.5	.5	.					11.3	1.1
SSE	.2	.	4.1	2.1	.9							7.3	1.
S	.4	.	1.2		.4							.7	7.
SSW	.	1.0	.4									1.4	[illegible]
SW	.	.4	1.									.1	[illegible]
WSW	1.	3.1	2.3	.2								.6	[illegible]
W	3.7	11.1	7.6	.4								2.	[illegible]
WNW	.1	2.1	.6									4.7	[illegible]
NW	.	1.2	.2									.5	[illegible]
NNW	2.1	2.1	.5									4.7	[illegible]
VARBL													
CALM												11.1	
	15.2	41.2	30.2	10.5	3.7	.3	.2					[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

736	FT ...ICHARDSON AP	77-8...	...AY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.3										...4	...4
NNE	1.0	1.1										2.1	3.2
NE	.9	.5										1.4	3.7
ENE	1.1	.6										1.7	3.1
E	1.3	.4	.6		.4							.3	6.0
ESE	.8	2.4	5.9	1.0	.3	.4						10.3	7.6
SE	1.1	1.3	7.8	5.6	1.5							17.6	10.4
SSE	.4	1.1	4.1	1.7	.6							7.8	9.7
S	.3	.4	1.3									.2	6.3
SSW	1.7	1.7	.4									3.8	6.7
SW	1.7	2.6	.9									5.1	8.1
WSW	2.1	3.3	1.3									6.7	8.7
W	2.1	5.4	3.1									11.3	7.3
WNW	1.1	.5	.2									1.8	5.3
NW	.2											.3	3.1
NNW	.4	.2										1.3	3.8
VARBL													
CALM												1.4	
	17.0	24.4	26.8	9.1	2.8	.4						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 4...

...AL CLIMATOLOGY ...ARCH
...TAC
A... WEATHER SERVICE/MA...

SURFACE WINDS

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

...SE — STATION
FT RICHARDSON A... — STATION NAME
77-8 — YEARS
...AY — 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	2.0	2.0	.8									4.8	4.-
NNE	1.3	1.7	.3									3.4	4.7
NE	1.1	1.-	.3									2.4	4.-
ENE	.6	.6	.1	.0								1.4	2.5
E	.9	.5	.3		.1							1.-	.5
ESE	.2	.3	2.4	1.0	.3	.1						4.3	7.5
SE	.4	1.1	4.1	3.2	.3	.2	.-					13.-	11.-
SSE	.4	.7	2.2	.6	.2							4.7	7.1
S	.7	.4	.7	.1	.1							1.9	5.4
SSW	1.7	.-	.3									2.4	4.-
SW	1.-	1.6	.6	.0								3.5	4.5
WSW	.1	3.6	1.3	.1								7.1	6.7
W	3.5	5.7	3.-	.1								12.3	5.-
WNW	2.4	1.7	.5									4.-	3.4
NW	.-	1.1	.1									1.3	3.7
NNW	1.-	1.9	.4									4.1	4.1
VARBL													
CALM												25.7	
	21.-	26.4	17.2	5.4	1.6	.4	.0					1 .. .0	4.4

TOTAL NUMBER OF OBSERVATIONS ...716

AL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/MAC

SURFACE WINDS

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

73[illegible] FT RICHARDSON AK 77-82 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.7										1.7	[illegible]
NNE	1.4	.7										1.7	[illegible]
NE	1.7											1.7	2.4
ENE	1.4											1.4	[illegible]
E	.	.3	.3									1.0	5.7
ESE	.7	.3	.3	.7	.7							.7	10.3
SE			1.0	.7								1.7	10.4
SSE	1.0		.7	.3								.3	.3
S	.3	.7	.3									1.1	3.1
SSW	.3	1.4		.3								2.7	3.6
SW	1.4	.7	.7									2.7	4.5
WSW	.7	.7	1.0									[illegible]	[illegible]
W	.7	.3										.7	4.0
WNW	.7	.3										.7	3.5
NW	.7											.7	2.0
NNW	1.0											[illegible]	2.5
VARBL													
CALM												7.8	
	10.6	5.4	4.4	2.0	.7							1.0.3	1.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
J... — MONTH
ALL WEATHER — CLASS
...-... — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.2	1.7	.6									...	...
NNE	2.1	1.[illegible]										3.5	3.[illegible]
NE	1.4	.[illegible]										1.7	[illegible]
ENE	1.2	.4	.2									1.7	2.1
E	.5		.[illegible]									1.[illegible]	[illegible].[illegible]
ESE	.[illegible]	.2	.4	.6								1.[illegible]	7.4
SE	.9		.8	.8	.2	.2						2.3	11.3
SSE				[illegible]	.2							.4	14.[illegible]
S	1.7	1.[illegible]	.4									3.1	3.[illegible]
SSW	3.[illegible]	1.[illegible]	.2									[illegible].[illegible]	2.[illegible]
SW	4.7	3.1	.6	.4								8.3	4.[illegible]
WSW	4.7	3.9	.6	.2								9.3	3.8
W	2.9	2.7										5.6	[illegible].3
WNW	1.7	.8										2.5	2.9
NW	.8	.2										1.[illegible]	2.2
NNW	.6	1.2										1.7	3.7
VARBL													
CALM												43.7	
	[illegible].3	1.[illegible]	[illegible].9	2.1	.[illegible]	.2						1[illegible].0	[illegible].1

TOTAL NUMBER OF OBSERVATIONS ... 1[illegible]

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

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
JA — 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.[illegible]	2.7	.2									[illegible].7	[illegible]
NNE	[illegible].1	2.1	.2	.2								4.7	4.[illegible]
NE	1.[illegible]	1.[illegible]		.2								2.7	[illegible]
ENE	.4	.4	.2									1.	4.4
E	.[illegible]	.[illegible]										1.2	[illegible]
ESE			.[illegible]	.6								1.2	11.[illegible]
SE		.4	.[illegible]	.6	.8							2.[illegible]	12.[illegible]
SSE	.[illegible]		.[illegible]		.2							1.2	.[illegible]
S	.6	1.[illegible]	.2									1.7	[illegible].[illegible]
SSW	1.4	1.[illegible]	.2	.6								4.[illegible]	[illegible].[illegible]
SW	1.[illegible]	1.6	.8	.4								[illegible].3	5.4
WSW	4.5	2.[illegible]	1.2	.2								[illegible].[illegible]	4.2
W	7.[illegible]	6.2	1.4									14.5	[illegible].[illegible]
WNW	[illegible].1	3.[illegible]										0.6	[illegible].4
NW	2.1	.6										2.7	[illegible].[illegible]
NNW	4.1	2.7										6.[illegible]	[illegible].[illegible]
VARBL													
CALM												17.7	
	34.7	[illegible].3	[illegible].4	3.9	1.0							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]6

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-82	JA
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	2.3	.4									.3	1.2
NNE	1.4	1.5	.2									.1	2.0
NE	1.2	1.2										.3	3.1
ENE	.4	.4										1.2	3.3
E	.4											.4	1.5
ESE	.2	1.0	.2	.4								.3	4.0
SE		1.2	3.1	1.2	.6	.2						1.2	10.5
SSE		1.0	1.4	.2								2.3	7.3
S	1.0	1.2	.6	.2								2.7	5.1
SSW	1.2	1.2	1.0	.2								3.4	4.1
SW	1.4	1.7	.8	.6								4.7	5.7
WSW	4.3	4.1	1.9	.4								10.7	4.6
W	7.2	7.0	2.7	.6								16.4	4.5
WNW	2.1	2.6	.6									6.0	4.2
NW	1.7	1.0	.4									3.3	3.5
NNW	3.2	2.7	.6									7.2	3.7
VARBL													
CALM												16.2	
	32.5	31.2	13.4	3.7	.6	.2						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 516

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

SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 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	2.2	2.6	.6									5.3	4.7
NNE	1.9	.3	.6									2.8	3.0
NE	.9	1.2										1.4	3.1
ENE	.5	.6										1.2	4.0
E	.4		.6									1.0	5.0
ESE	.4	.4	2.5	1.6	.6	.4	.2					6.1	12.3
SE	.7	1.4	2.6	2.1	.2							7.7	9.6
SSE	.4	1.2	.7	.8	.2							3.1	8.2
S	.5	1.5	.4	.2								2.6	6.7
SSW	.3	2.2	.4	.4								3.3	5.6
SW	.6	1.3	.4	.6								2.3	6.1
WSW	3.3	5.3	3.0									11.6	4.9
W	3.5	5.6	6.7									15.9	5.4
WNW	2.6	2.2	.9									5.5	4.1
NW	1.9	.8										2.6	3.3
NNW	3.2	1.6	.2									4.7	3.2
VARBL													
CALM												17.7	
	29.2	32.1	18.7	6.7	1.2	.4	.2					100.5	7.0

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

[illegible] 738 FT RICHARDSON AK 77-8[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

[illegible]
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.[illegible]	.[illegible]	.4									[illegible]	[illegible]
NNE	1.0	.4										1.[illegible]	.[illegible]
NE	.[illegible]	.[illegible]										1.2	.[illegible]
ENE	1.[illegible]	.4										1.[illegible]	.[illegible]
E	.[illegible]	.4	.4									1.[illegible]	.[illegible]
ESE	.[illegible]	1.2	2.2	.6	.6	.2						.[illegible]	.[illegible]
SE		1.[illegible]	4.5	3.0	1.2							2.5	1.[illegible]
SSE	.4	1.4	2.[illegible]	.2								4.5	7.[illegible]
S	.[illegible]	.[illegible]	1.[illegible]									.[illegible]	.[illegible]
SSW	1.[illegible]	2.[illegible]	1.2	.2								5.7	4.[illegible]
SW	2.[illegible]	1.4	1.[illegible]									5.1	3.[illegible]
WSW	5.7	4.7	1.2									11.[illegible]	3.[illegible]
W	4.1	.3	2.2	.2								14.[illegible]	4.[illegible]
WNW	1.[illegible]	1.4	.2									2.[illegible]	4.[illegible]
NW	1.[illegible]	.[illegible]										1.2	2.[illegible]
NNW	1.[illegible]	.4										2.[illegible]	.[illegible]
VARBL													
CALM												[illegible].4	
	2[illegible].6	[illegible]5.8	16.[illegible]	4.3	1.8	.2						1[illegible].[illegible]	4.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]2.

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (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.[illegible]	1.[illegible]	.4									[illegible]	[illegible]
NNE	1.7	1.3	.2	.[illegible]								[illegible]	[illegible]
NE	1.2	.[illegible]		.[illegible]								1.[illegible]	[illegible]
ENE	.[illegible]	.4	.1									1.[illegible]	[illegible]
E	.4	.[illegible]	.3									.[illegible]	[illegible]
ESE	.4	.[illegible]	1.1	.7	.[illegible]	.1	.[illegible]					[illegible]	1[illegible]
SE	.1	.[illegible]	2.[illegible]	1.6	.[illegible]	.1						[illegible].1	10.[illegible]
SSE	.[illegible]	.6	1.[illegible]	.[illegible]	.1							[illegible]	[illegible]
S	1.[illegible]	.[illegible]	.[illegible]	.1								[illegible]	4.[illegible]
SSW	1.[illegible]	1.7	.6	.3								4.4	4.[illegible]
SW	[illegible].[illegible]	1.[illegible]	.7	.4								4.[illegible]	4.[illegible]
WSW	4.[illegible]	3.7	1.[illegible]	.1								[illegible].4	4.4
W	4.5	6.3	2.3	.1								13.[illegible]	4.[illegible]
WNW	.[illegible]	2.[illegible]	.3									4.[illegible]	[illegible].7
NW	1.4	.5	.1									[illegible].[illegible]	[illegible].1
NNW	[illegible].[illegible]	1.5	.1									4.[illegible]	[illegible].[illegible]
VARBL													
CALM												[illegible]1.2	
	[illegible].[illegible]	[illegible]4.7	11.2	3.7	.9	.2	.[illegible]					1[illegible].[illegible]	[illegible].4

TOTAL NUMBER OF OBSERVATIONS [illegible]2.4.

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

SURFACE WINDS

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

725 — STATION
FT WILLIAMSON AK — STATION NAME
77-6 — YEARS
JUL — MONTH

ALL WEATHER — CLASS
0000-2400 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 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	
NNE	1.7	1.7										.4	3.5
NE	1.4	1.7										.1	3.7
ENE	1.4	.7										.7	.0
E		.3										.0	.0
ESE		.7	.7									1.1	.0
SE	.7		.3	.3	.7							.1	1.0
SSE	.7	.3	1.0									.1	5.7
S	.1	.7	.7									3.0	5.0
SSW	.7	1.4										.1	.0
SW	.4	.3										.7	.0
WSW	1.2	.7	.3									.1	4.0
W	.7											.7	.0
WNW	.4	.7										1.0	.0
NW	.3											.3	.0
NNW													
VARBL													
CALM												4.7	
	11.1	10.0	3.1	.3	.7							1.0	1.1

TOTAL NUMBER OF OBSERVATIONS 84

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

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

SURFACE WINDS

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

730 | FT RICHARDSON AK | 77-82 | JUL
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER
CLASS

HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.1	1.1										3.5	
NNE	.3	2.5	.4									3.2	
NE	.3	1.6	.1									2.0	
ENE	.4	.4										.8	
E	.4		.1									.5	
ESE			.2	.0								1.2	11.0
SE		.1	1.1	.2								1.4	
SSE	.4	.2	.2									.8	9.3
S	.6	.2	.2									1.0	4.0
SSW	1.1	1.3	.4									2.7	.7
SW	2.7	1.0	.4									4.2	3.0
WSW	2.7	2.3	.3									5.3	7.8
W	2.3	1.4										3.7	3.1
WNW	1.2	.6										1.8	3.2
NW	.3											.3	.9
NNW	1.2	.4										1.6	2.8
VARBL													
CALM												45.3	
	26.4	15.2	3.7	1.6								100.0	1.2

TOTAL NUMBER OF OBSERVATIONS

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

AL CLIMATOLOGY B A.CH
TAC
ATHER SERVICE/MAC

SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-8[illegible] YEARS | JUL MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	3.3	1.2									[illegible]	[illegible]
NNE	.2	2.5										4.7	[illegible]
NE	.	1.4										[illegible]	[illegible]
ENE	1.	.4										1.4	[illegible]
E			.2									.	.
ESE	.		.3									.	[illegible]
SE	.	.2	1.		.2							1.6	.
SSE	.3		.2	.4								1.	2.4
S	1.	.5	.2	.2								[illegible]	[illegible]
SSW	1.	1.	.2	.2								[illegible]	[illegible]
SW	1.	2.7	.2									4.	[illegible]
WSW	3.	3.1	.4									7.3	[illegible]
W	5.	5.7	.8									12.3	[illegible]
WNW	2.7	1.6	.2									4.5	[illegible]
NW	1.4	2.										[illegible]	[illegible]
NNW	1.	2.										3.1	[illegible]
VARBL													
CALM												[illegible]	
	[illegible]	7.1	5.3	.8	.2							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
FTAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 FT RICHARDSON, AK 77-8[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 1[illegible]-14[illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.[illegible]	4.3	.6									[illegible]	[illegible]
NNE	[illegible].3	1.2	.4									4.[illegible]	[illegible].4
NE	1.[illegible]	.[illegible]	.4									.[illegible]	[illegible].[illegible]
ENE	.[illegible]											.[illegible]	[illegible].7
E	.[illegible]											.[illegible]	[illegible].[illegible]
ESE	.[illegible]	.[illegible]	.[illegible]		.4							1.0	[illegible].[illegible]
SE	.[illegible]	.[illegible]	1.2									.[illegible]	[illegible].7
SSE	.[illegible]	.9	.5	.[illegible]								.[illegible]	[illegible].[illegible]
S	.[illegible]	1.6	.2									[illegible].7	[illegible].7
SSW	[illegible].2	1.[illegible]	.[illegible]									[illegible].1	4.[illegible]
SW	.[illegible]	1.4	.4									[illegible].[illegible]	4.[illegible]
WSW	[illegible].[illegible]	3.1	1.[illegible]									.4	4.[illegible]
W	.[illegible].7	5.7	1.[illegible]									13.[illegible]	[illegible].[illegible]
WNW	1.[illegible]	3.[illegible]	.4									.5	4.[illegible]
NW	1.[illegible]	2.[illegible]										3.[illegible]	[illegible].5
NNW	.[illegible].7	1.[illegible]	.2									4.5	[illegible].1
VARBL													
CALM												1.[illegible]	
	31.7	26.[illegible]	9.[illegible]	.4	.4							[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]1[illegible]

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

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

SURFACE WINDS

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

73[illegible] FT RICHARDSON AK 77-8[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER 1[illegible]-17[illegible]
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	3.[illegible]	2.4	.4									[illegible]	[illegible]
NNE	2.4	1.[illegible]	.2									7.[illegible]	[illegible]
NE	1.[illegible]	1.[illegible]										[illegible]	[illegible]
ENE	.[illegible]	1.4										[illegible]	[illegible]
E	.	.4	.2									1.[illegible]	4.[illegible]
ESE			[illegible]	.[illegible]								[illegible]	1.[illegible]
SE	.[illegible]	.4	1.2	1.[illegible]								7.[illegible]	1.[illegible]
SSE	.4	1.6	1.4	.2								3.[illegible]	[illegible]
S	1.[illegible]	.[illegible]	1.[illegible]	.2								2.[illegible]	[illegible]
SSW	[illegible].2	1.[illegible]	1.2									3.4	[illegible]
SW	1.[illegible]	1.[illegible]	.4									3.[illegible]	[illegible]
WSW	2.[illegible]	4.[illegible]	1.6									[illegible]	4.5
W	4.[illegible]	8.[illegible]	4.[illegible]	.6								17.4	[illegible]
WNW	1.[illegible]	1.[illegible]	.4									3.[illegible]	4.1
NW	1.[illegible]	.4	.2									[illegible]	[illegible]
NNW	1.[illegible]	1.4	.2									[illegible]	[illegible]
VARBL													
CALM												[illegible].4	
	[illegible]	7.8	14.[illegible]	[illegible].6								1.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-82	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1300-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.3	.6									3.4	3.6
NNE	1.9	1.1	.2									3.2	3.4
NE	.8	1.1										1.7	3.0
ENE	.7	.3										1.1	2.4
E	.8	.4	.2									1.1	4.0
ESE		.7	2.3	.8								3.8	7.1
SE	.4	1.3	3.2	1.1								5.9	8.2
SSE	.7	1.2	1.9	.4								4.6	7.1
S	1.3	2.1	.6	.2								4.3	4.6
SSW	2.2	1.3	.6									4.4	3.6
SW	3.3	1.7	.4									4.6	3.7
WSW	3.4	3.6	.6									7.6	5.0
W	4.4	5.5	1.1									10.9	4.7
WNW	.6	.3										1.2	4.6
NW	.4											.4	2.0
NNW	1.5	.2										1.7	2.5
VARBL													
CALM												1.2	
	23.3	22.3	11.3	2.5								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 477

AL CLIMATOLOGY BRANCH
STAC
FATHER SERVICE/MAC

SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-8[illegible] 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	2.4	.5									3.1	7.4
NNE	2.[illegible]	1.7	.2									4.4	4.[illegible]
NE	1.3	1.1	.2									2.[illegible]	7.1
ENE	.5	.6										1.2	5.5
E	.4	.3	.1									.[illegible]	4.[illegible]
ESE	.1	.2	1.1	.4	.1							1.9	9.1
SE	.3	.6	1.4	.7	.1							3.2	10.7
SSE	.[illegible]	.7	.9	.3								2.3	6.6
S	1.5	1.[illegible]	.5	.1								3.1	6.5
SSW	1.[illegible]	1.2	.[illegible]	.0								3.4	6.[illegible]
SW	1.[illegible]	1.7	.3									3.6	7.6
WSW	2.2	2.[illegible]	.9									7.2	6.3
W	4.3	4.7	1.3	.1								10.4	6.[illegible]
WNW	1.4	1.5	.2									3.1	3.7
NW	1.1	.3	.0									1.5	3.[illegible]
NNW	1.[illegible]	1.1	.1									2.7	4.2
VARBL													
CALM												12.2	
	17.3	25.5	8.2	1.6	.2							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 2709

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

1

AL CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-8[illegible]	[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7										1.5	[illegible]
NNE	[illegible]	.7										1.[illegible]	[illegible]
NE	[illegible].3											[illegible].3	[illegible]
ENE	[illegible].3	.3										.6	[illegible]
E	.7											.7	[illegible]
ESE		.[illegible]	.3									.7	[illegible]
SE		.[illegible]		.7								.7	[illegible]
SSE	.7	.7	.3									1.[illegible]	[illegible]
S	[illegible].[illegible]		.7									[illegible].3	[illegible]
SSW	[illegible].3			.7								[illegible].[illegible]	[illegible]
SW	.[illegible]	.3										.7	[illegible]
WSW	1.[illegible]											1.[illegible]	[illegible]
W	.[illegible]											.[illegible]	[illegible]
WNW	.7											.7	[illegible]
NW													
NNW	.[illegible]	.7										.7	[illegible]
VARBL													
CALM												1.4	
	17.4	5.6	1.0	.7								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]21

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 0000-2300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.8										2.5	3.6
NNE	1.4	.8										2.3	3.7
NE	1.7	.9		.2								2.8	3.8
ENE	.6	.8										1.4	3.7
E	.7	.9										.6	3.7
ESE	.9	.2										.2	3.0
SE	.2	.4	.2	.2								.9	6.6
SSE	.4	.2	.2									.9	3.8
S	1.2		.2									1.4	3.8
SSW	2.5	1.1	.2									3.8	4.6
SW	1.7	1.3	.6									3.6	9.4
WSW	1.0	1.5	.2									2.6	5.2
W	1.0	.4										1.3	2.5
WNW	1.1	.2										1.3	4.1
NW													
NNW	.4	.4										.9	3.6
VARBL													
CALM												71.7	
	17.5	8.9	1.5	.4								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 522

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

SURFACE WINDS

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

...736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) ANN (MONTH)

ALL WEATHER (CLASS) ...-12...M (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.7	3.2	.2									...1	...
NNE	4.5	1.1	.6									...2	3...
NE	.3	.4										.3	...
ENE	.2	.6										1.1	3.7
E	.2	.5										...	4...
ESE			.2									.2	7...
SE	.2		.2									.4	5.2
SSE	.3	.5	.2		.2							1.3	...3
S	.4	.4	.5									1.3	6...
SSW	.3	2.3	.4									...4	4.3
SW	1.2	1.1	.5									3.8	3.9
WSW	4.5	1.5										...1	...7
W	3.3	2.7	.6									7.3	3.6
WNW	2.3	.2										3.2	...9
NW	1.2	.2										1.3	...2
NNW	2.3	1.1										4.3	...2
VARBL													
CALM												45.5	
	27.9	16.7	3.6		.2							100.0	1.7

TOTAL NUMBER OF OBSERVATIONS ...

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

73E (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 13-19 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.5	4.4	.6									10.4	3.0
NNE	4.7	1.9										6.6	4.7
NE	1.9	.9	.6									3.4	4.7
ENE	.4		.2									.6	5.4
E	.6											.6	4.2
ESE		.4	.6	.2								1.3	7.8
SE	.4	.6	.8	.2								1.9	6.6
SSE	.4	.2	1.1	.6								2.3	7.8
S	1.7	.4										2.1	3.4
SSW	2.1	1.1	.4									3.5	4.7
SW	1.9	1.3	.4									3.6	4.1
WSW	1.7	1.9	.4									3.9	4.3
W	4.4	3.3	1.3									9.0	4.1
WNW	2.1	1.7	.2									4.1	3.6
NW	1.5	.9										2.4	3.1
NNW	4.9	1.1	.2									6.3	3.9
VARBL													
CALM												7.4	
	34.3	21.5	6.6	.9								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 522

[illegible] AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

738	FT RICHARDSON AK	77-82	A[illegible]
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1300-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	6.2	2.3	.2									[illegible].7	[illegible]
NNE	4.2	2.1	.2									[illegible].5	[illegible]
NE	1.[illegible]	.[illegible]		.2								[illegible].[illegible]	[illegible]
ENE	.[illegible]	.[illegible]										1.3	[illegible]
E	.[illegible]	.2	.2	.2								1.[illegible]	[illegible]
ESE	.	.4	1.	.2								1.7	7.6
SE	.[illegible]	1.[illegible]	3.7	.8	.4							[illegible].[illegible]	[illegible]
SSE	.6	.6	1.[illegible]	.4								[illegible].	[illegible]
S	1.[illegible]	.4	.4									[illegible].3	[illegible]
SSW	1.7	1.[illegible]										[illegible].7	[illegible]
SW	1.[illegible]	1.[illegible]										[illegible].7	[illegible]
WSW	[illegible].3	[illegible].[illegible]	.6									[illegible].8	4.3
W	3.8	3.[illegible]	.8									[illegible].1	[illegible]
WNW	1.7	1.2	.2									[illegible].1	[illegible]
NW	1.[illegible]	.[illegible]	.4									[illegible].[illegible]	[illegible]
NNW	3.[illegible]	1.[illegible]										[illegible].4	[illegible]
VARBL													
CALM												[illegible]1.[illegible]	
	[illegible]2.[illegible]	[illegible]4.6	[illegible].[illegible]	1.7	.4							[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 | FT RICHARDSON AK | 77-82 | 6
STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 1 00-23
CLASS | HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.2									[illegible]	[illegible]
NNE	1.2	.2										1.4	[illegible]
NE	.[illegible]											.[illegible]	[illegible]
ENE	.[illegible]	.2										1.[illegible]	[illegible]
E	.[illegible]		.4	.2								1.2	2.7
ESE	.4	.[illegible]	1.[illegible]	.[illegible]								[illegible]	7.[illegible]
SE	.[illegible]	1.[illegible]	3.[illegible]	.6	.4							[illegible]	[illegible]
SSE	1.[illegible]	.[illegible]	1.2									[illegible]	[illegible]
S	[illegible].2	1.2	.[illegible]									2.2	3.7
SSW	3.6	1.[illegible]										4.[illegible]	[illegible]
SW	[illegible].2	1.[illegible]	.8									4.2	4.5
WSW	[illegible].[illegible]	2.4	.4									3.7	[illegible]
W	2.4	1.2	.2									[illegible]	[illegible]
WNW	.[illegible]	.[illegible]										1.[illegible]	2.[illegible]
NW		.2										.2	4.[illegible]
NNW	.2	.2										.4	[illegible]
VARBL													
CALM												5.2	
	[illegible].4	11.5	8.3	1.2	.4							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]4

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

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

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
8 — 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	3.6	2.1	.2									5.9	[illegible]
NNE	2.0	1.2	.1									3.3	[illegible]
NE	1.4	.4	.1	.1								2.0	[illegible]
ENE	.7	.4	.2									1.2	[illegible]
E	.2	.2	.1	.1								.7	[illegible]
ESE	.2	.3	.5	.1								1.2	[illegible]
SE	.2	.5	1.5	.7	.1							[illegible]	[illegible]
SSE	.7	.4	.7	.2	[illegible]							[illegible]	[illegible]
S	1.3	.4	.4									[illegible]	[illegible]
SSW	.1	1.2	.2	.2								[illegible]	[illegible]
SW	1.2	1.4	.4									[illegible]	4.1
WSW	2.6	2.6	.3									[illegible]	[illegible]
W	2.2	2.1	.5									[illegible]	[illegible]
WNW	1.6	.8	.1									[illegible]	[illegible]
NW	.6	.4	.1									1.2	[illegible]
NNW	2.3	.8	.2									[illegible]	[illegible]
VARBL													
CALM												2.4	
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]							[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
LTAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | [illegible] MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	.4									1.5	[illegible]
NNE	2.2	.4										[illegible]	[illegible]
NE	1.1		.7	.4								[illegible]	[illegible]
ENE													
E	.7		1.4	.7								[illegible]	7.7
ESE	.7		1.1	1.4								[illegible]	.4
SE		.4	.7	.7								1.[illegible]	[illegible]
SSE	.4		2.1	.7								[illegible]	[illegible]
S	1.[illegible]											1.[illegible]	[illegible]
SSW	[illegible]	.4	.4									[illegible]	[illegible]
SW	1.[illegible]	1.1		.4								[illegible]	[illegible]
WSW	1.4											1.[illegible]	[illegible]
W	.4											.[illegible]	[illegible]
WNW		.4										.[illegible]	[illegible]
NW	.4											.[illegible]	[illegible]
NNW			.4									.4	[illegible]
VARBL													
CALM												[illegible]	
	1.1	[illegible]	[illegible]	[illegible]								[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

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

SURFACE WINDS

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

726 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.3	.6									1.[illegible]	[illegible]
NNE	.3	.[illegible]										[illegible]	[illegible]
NE	[illegible]	.2	.2									1.[illegible]	[illegible]
ENE	.[illegible]	.6										1.	[illegible]
E	.[illegible]	.4	.2	.4								1.[illegible]	[illegible]
ESE	.[illegible]	.2	1.[illegible]	1.4	.2							[illegible].[illegible]	1.[illegible]
SE	.[illegible]	.4	1.[illegible]	1.2								[illegible].1	[illegible].1
SSE		.[illegible]	2.[illegible]	.2								2.[illegible]	[illegible].7
S	1.[illegible]	.4	.4									2.[illegible]	[illegible]
SSW	[illegible].2	.[illegible]	.4									[illegible].3	[illegible].4
SW	.	.2	.4	.4								1.[illegible]	[illegible].1
WSW	.[illegible]	.4										.[illegible]	[illegible].7
W	.4	.4										.[illegible]	[illegible]
WNW													
NW			.2									.[illegible]	[illegible]
NNW	.											.[illegible]	[illegible]
VARBL													
CALM												[illegible].[illegible]	
	11.[illegible]	[illegible].3	.[illegible]	[illegible].7	.2							[illegible].[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]8[illegible]

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

AIR WEATHER SERVICE
ATAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7136	FT RICHARDSON AP	77-82	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-1100
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	4.7	1.6	.2									.7	
NNE	3.	1.2	.4										1.1
NE	1.											1.	
ENE	1.2		.4									1.	
E	.	.4	.6									1.	
ESE	.	.	1.	1.6	.6							3.7	1.
SE		.	1.4	1.2								.	1.
SSE	.2	.	2.	.4								3.	
S	1.	.	.4									1.	
SSW	1.	1.	.4									.	
SW	2.	.4	1.									4.3	
WSW	.1	1.	.4									1.	
W	.1	1.										.1	
WNW	.	.										.	
NW	.4	.2										.	
NNW	1.	.4										1.4	
VARBL													
CALM												.1	
	27.2	13.	1.4	3.7	.6								

TOTAL NUMBER OF OBSERVATIONS 46.

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

/3 (STATION) FT RICHARDSON AK (STATION NAME) 77-8[illegible] (YEARS) [illegible] (MONTH)

ALL WEATHER (CLASS) [illegible] 1[illegible]2-14[illegible] (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	4.1	.2									[illegible]	[illegible]
NNE	.3	1.4	.8									7.[illegible]	[illegible]
NE	1.2	1.	.2									2.[illegible]	[illegible]
ENE		.9	.2									.[illegible]	7.[illegible]
E	1.[illegible]	.2	1.[illegible]									[illegible].3	[illegible].8
ESE		.[illegible]	1.[illegible]	1.[illegible]	.2	.2	.2					4.1	13.7
SE		.[illegible]	1.[illegible]	.8								[illegible].1	[illegible].[illegible]
SSE	.[illegible]	.[illegible]	1.[illegible]	.4								2.3	[illegible].[illegible]
S	1.2	1.2	.2									[illegible].7	[illegible].[illegible]
SSW	.[illegible]	1.5	.6	.2								4.5	4.4
SW	1.[illegible]	.[illegible]	.8	.4								[illegible].[illegible]	4.[illegible]
WSW	[illegible].1	[illegible].[illegible]	.4									6.[illegible]	[illegible].7
W	[illegible].[illegible]	1.[illegible]										[illegible].1	[illegible].1
WNW	1.[illegible]	.[illegible]		.2								[illegible].[illegible]	[illegible].[illegible]
NW	1.[illegible]	1.[illegible]										[illegible].9	[illegible].[illegible]
NNW	[illegible].7	[illegible].9	.2	.2								7.0	[illegible].3
VARBL													
CALM												2.4	
	[illegible]2.[illegible]	[illegible]2.1	[illegible].[illegible]	[illegible].3	.2	.2	.2					[illegible]00.[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]4[illegible]E

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

AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

7 55 — STATION
FT RICHARDSON AK — STATION NAME
77-E — YEARS
— MONTH
ALL WEATHER — CLASS
— HOURS (L.S.T.)
— CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.9	.2										
NNE	2.3	1.5	1.2									2.	
NE	1.7	.6	.4	.2									
ENE	.5	.4	.8									1.2	
E	1.2	.5	.6	.2								2.7	
ESE	.4	.6	1.	.6		.2						3.3	1.
SE	.2	.4	2.5	.8		.4						4.4	1.
SSE	.	.	.8	.2		.						2.	
S	.2	.	.4	.4								1.	
SSW	1.2	.2	.2	.2								1.2	3.
SW	.	1.7	.2									2.7	4.
WSW	2.7	1.7	.6										
W	1.7	1.5	.2									.	
WNW	1.2	1.7										2.	
NW	1.	.4										1.2	
NNW	3.1	1.2	.4									4.	
VARBL													
CALM												43.7	
	25.6	17.1	9.6	2.7		1.2							

TOTAL NUMBER OF OBSERVATIONS 4

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

726 STATION | FT RICHARDSON AK STATION NAME | 77-8 YEARS | MONTH

ALL WEATHER CLASS | 1200-2400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.1	.2									2.0	4.4
NNE	1.[illegible]	.4	.2	.2								.8	4.1
NE	.7	.7	.6									1.7	5.[illegible]
ENE	.[illegible]	1.1	.7									[illegible]	4.[illegible]
E	1.7	1.1	.4	.2								3.[illegible]	[illegible]
ESE	.7	1.[illegible]	2.[illegible]	.7	.2							[illegible]	7.7
SE	.[illegible]	1.1	1.7	1.3		.4						4.[illegible]	10.[illegible]
SSE	.2	.[illegible]	1.3		.2							4.[illegible]	[illegible]
S	.2	.7	.7									1.[illegible]	[illegible]
SSW	1.[illegible]	1.5	.7									3.[illegible]	4.[illegible]
SW	.2	.[illegible]										1.7	3.4
WSW	.[illegible]	.7	.2									1.7	3.[illegible]
W	.2	.7										.9	[illegible]
WNW	.4											.4	[illegible]
NW	.[illegible]											.[illegible]	[illegible]
NNW	.7	.2	.2									1.1	5.2
VARBL													
CALM												.7	
	12.[illegible]	12.4	9.7	2.4	.4	.4						100.[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 442

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 FT RICHARDSON AK 77-82 5
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	2.	.3									.4	5.4
NNE	2.1	1.	.4	.0								0.5	2.7
NE	1.2	.4	.3	.1								.0	4.
ENE	.6	.4	.4									1.4	4.
E	1.	.2	.7	.2								2.4	5.4
ESE	.6	.6	1.2	1.1	.2	.2	.0					3.5	1.
SE	.2	.	1.6	1.5		.1						3.4	7.
SSE	.4	.6	1.5	.3	.2	.2						.1	7.2
S	1.2	.6	.4	.1								2.4	4.2
SSW	1.	.2	.4	.1								.1	4.1
SW	1.	.8	.4	.2								.4	4.7
WSW	1.2	1.4	.3									2.6	3.
W	2.	.2	.2									.2	.1
WNW	.6	.6		.0								1.2	3.
NW	.7	.3	.0									1.0	3.2
NNW	1.7	.2	.2	.0								2.5	3.4
VARBL													
CALM												13.9	
	21.	12.4	8.2	3.2	.3	.4	.0					1.0.0	.2

TOTAL NUMBER OF OBSERVATIONS 2685

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.2										.1	5.5
NNE	2.6	1.[illegible]										4.3	[illegible].1
NE	1.4	.7										2.1	2.[illegible]
ENE	1.8	.7	.4									2.[illegible]	4.[illegible]
E	1.[illegible]	.4	.7									2.[illegible]	[illegible].7
ESE		.[illegible]	1.1				.4					1.6	12.[illegible]
SE	1.5	.7		1.1								3.6	5.8
SSE	2.9	1.1	.7	.4								5.0	6.4
S	1.[illegible]	.7	.4	.4								3.2	4.[illegible]
SSW	1.[illegible]	.7	1.4									3.9	5.6
SW	.4	1.1		.4								1.6	5.2
WSW	1.4		.7									2.1	3.3
W	.7											.7	6.5
WNW													
NW													
NNW		.4										.4	5.[illegible]
VARBL													
CALM												63.9	
	14.3	3.9	3.4	2.1			.4					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY BRANCH
ETAC
ATHER SERVICE/MAC

SURFACE WINDS

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

73[illegible] FT SICHA,OSON AK 77-8[illegible] [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.[illegible]	.[illegible]	.4									.[illegible]	4.[illegible]
NNE	3.2	1.[illegible]										4.[illegible]	[illegible].6
NE	1.[illegible]	1.2	.6									[illegible].4	4.1
ENE	1.4	.6		.2								.[illegible]	4.[illegible]
E	[illegible].2	.[illegible]	.4									[illegible].4	[illegible].4
ESE	.[illegible]	.4	.4		.4							1.[illegible]	7.[illegible]
SE	1.[illegible]		.4	1.2								.[illegible]	[illegible].6
SSE	.[illegible]	.[illegible]	.4									1.[illegible]	4.[illegible]
S	2.4	.[illegible]	.6									3.[illegible]	.[illegible]
SSW	1.6	1.[illegible]	1.[illegible]	.2								4.4	[illegible].7
SW	.4		.6									1.[illegible]	[illegible].6
WSW	1.2	.[illegible]										[illegible].[illegible]	3.[illegible]
W	.4											.4	1.[illegible]
WNW	.4				.2							.[illegible]	[illegible].[illegible]
NW	.4		.2									.[illegible]	4.[illegible]
NNW	.[illegible]	.[illegible]										.[illegible]	4.[illegible]
VARBL													
CALM												[illegible].7	
	[illegible].[illegible]	[illegible].5	[illegible].6	1.6	.6							1.[illegible]	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]4

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

7 36 (STATION) FT RICHARDSON AK (STATION NAME) 77-80 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0300-1100 (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	3.2	1.2	.2									4.6	2.7
NNE	1.6	1.2	.2									2.9	2.7
NE	2.4	.8	.2									3.4	2.3
ENE	2.6	.4	1.2									4.0	4.1
E	.8	.2		.2								1.2	4.7
ESE		.2	.2									.4	6.5
SE	.8	.2	.4	1.0		.4						2.8	11.2
SSE	.8	.2	.8			.2						1.8	7.4
S	1.4	.6	.8									2.8	5.2
SSW	1.8	1.8	1.4	.2								4.8	5.4
SW	1.0	.2	.4									1.6	4.4
WSW	2.0	1.4	.4									4.0	3.
W	.2	.6										1.8	3.7
WNW	.2											.8	6.5
NW	.4	.2										.6	2.7
NNW	1.0											1.0	1.4
VARBL													
CALM												5.1	
	23.8	9.9	6.2	1.4		.8						100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 504

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

72F FT RICHARDSON AK 77-80 YEARS DEC MONTH
STATION STATION NAME

ALL WEATHER CLASS 1500-1800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.4	.6									.3	4.1
NNE	5.7	3.6										9.3	7.1
NE	2.4	1.9	.5	.2								4.3	4.8
ENE	1.2	.2	.2	.2								1.9	4.1
E	.4	.6	.5									1.5	5.2
ESE	.6	.6	.2	.2								1.9	5.2
SE	.4	.2	.4	.6	.2							1.8	7.3
SSE	.8		.4	.4								1.4	7.2
S	1.2	1.4	.4									3.0	4.2
SSW	2.4	1.4	1.2	.2								5.1	4.6
SW	1.2	.2	1.0	.2								2.6	5.4
WSW	2.4	1.2										3.6	3.5
W	.2	1.4	.2									3.8	3.4
WNW	1.4	.2										1.6	2.3
NW	1.4	.4										1.8	3.5
NNW	1.2	1.2	.2									2.4	3.5
VARBL													
CALM												45.5	
	29.6	16.4	6.3	2.0	.2							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 506

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

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

SURFACE WINDS

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

[illegible] 73A — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
[illegible] — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.0	1.8	.2									6.0	3.1
NNE	3.6	2.0	.3									5.9	3.1
NE	2.4	1.4										4.0	3.0
ENE	1.4	.6		.2								2.2	3.4
E	1.2	1.4	.6									3.3	4.3
ESE	.6	.4	1.0									2.0	5.4
SE	.4	.4	.6	.8	.2							2.4	10.2
SSE	.3	.6	.4	.2								1.5	6.5
S	.4	1.2	.2									1.8	4.3
SSW	1.4	1.6	1.4									4.4	4.5
SW	1.6	.4	1.0									3.0	4.2
WSW	.6	.2	.4									1.2	4.3
W	1.0	.6	.2									1.8	3.6
WNW		.2	.2									.4	7.5
NW	.4	.4	.2									1.0	5.5
NNW	1.0	.4	.2									2.0	2.8
VARBL													
CALM												13.4	
	24.0	13.7	7.5	1.2	.2							100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS 490

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

AL CLIMATOLOGY BRANCH
TAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

70E (STATION) FT RICHARDSON, AK (STATION NAME) 77-82 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 1-00-2-00 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	.2									2.3	5.
NNE	4.3	1.5	.2									5.7	5.7
NE	1.7	1.9	.4									4.2	4.4
ENE	1.1	.4	.2	.2								1.9	4.
E	.2	.9	.4									1.5	5.2
ESE	.6	.6	.4	.4	.2	.2						2.5	6.9
SE	.2	.2	.1	.2	.4							2.3	6.5
SSE	.2	.2	1.1	.6								2.7	7.5
S	1.1	.4	.4									2.3	5.5
SSW	2.1	1.7	.6	.2	.2							4.9	7.1
SW	.4	.6	.6									1.7	5.6
WSW	.4	.4										.8	5.3
W	.2		.2									.4	5.5
WNW		.1	.4									.1	5.1
NW	.2	.2										.4	5.5
NNW	.2		.2									.5	6.7
VARBL													
CALM												4.5	
	15.9	10.6	4.3	1.7	.8	.2						100.0	1.1

TOTAL NUMBER OF OBSERVATIONS 472

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

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

SURFACE WINDS

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

736 (STATION) FT NICHOLSON AK (STATION NAME) 77-82 (YEARS) ... (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.[illegible]	1.4	.3									4.5	...4
NNE	4.[illegible]	1.8	.2									[illegible].7	[illegible].[illegible]
NE	..1	1.2	.4	.[illegible]								3.[illegible]	...7
ENE	1.4	.5	.3	.1								[illegible].4	4.[illegible]
E	1.[illegible]	.7	.[illegible]	.[illegible]								..2	6.5
ESE	.4	.4	.5	.1	.1	.[illegible]	..					1.7	7.7
SE	.[illegible]	.3	.4	.3	.1	.1						..3	6.[illegible]
SSE	.[illegible]	.4	.6	.3		.[illegible]						..2	...
S	1.3	.[illegible]	.5	.[illegible]								..[illegible]	4.[illegible]
SSW	1.[illegible]	1.4	1.3	.1	.[illegible]							4.5	...
SW	.[illegible]	.[illegible]	.7	.1								..1	2.[illegible]
WSW	1.3	.[illegible]	.[illegible]									..3	[illegible].[illegible]
W	.[illegible]	.[illegible]	.1									1.[illegible]	3.4
WNW	.[illegible]	.1	.1		.[illegible]							.[illegible]	4.[illegible]
NW	.[illegible]	.[illegible]	.1									.[illegible]	3.[illegible]
NNW	.[illegible]	.4	.1									1.4	[illegible].
VARBL													
CALM												[illegible].7	
	[illegible]2.4	11.[illegible]	..3	1.[illegible]	.3	.1	.[illegible]					1[illegible].[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]7[illegible]

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

AL CLIMATOLOGY [illegible]
USAFETAC
[illegible] PATH A SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-82	ALL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2										1.4	
NNE	.7	1.4										4.1	
NE	.3	.5	1.4		.2							.4	7.1
ENE	.2	.2	.3									.3	
E	1.0	1.2										.3	
ESE	1.4	.5	.5									.3	
SE	.2			.2								1.4	12.7
SSE	.2		.5	.5								1.2	
S	1.4	.3	.5			.2						.7	
SSW	.2	.2	.3									.2	
SW	.2			.5								.4	
WSW	.2		.5									1.4	
W	.2	.3										1.4	
WNW		.2										.4	
NW													
NNW		.2										.4	
VARBL													
CALM												.2	
	11.5	.1	[illegible]	1.2	.2	.2						[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS 21

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

7736	FT RICHARDSON AK	77-82	
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

	HOURS (L.S.T.)

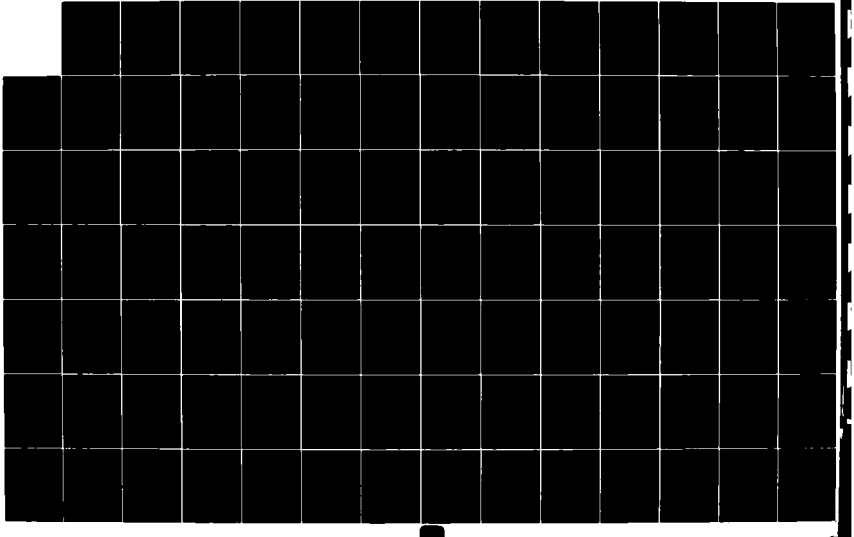
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	.2									4.7	4.7
NNE	.7	1.5			.2							4.5	4.6
NE	3.0	1.5	.6	.2	.4	.2						5.8	4.4
ENE	.2											2.2	3.3
E	1.7	.5	.2			.2						2.6	4.2
ESE	.5	.4	.4	.4	.4							1.9	10.7
SE	.7	.2		.4	.2			.2				1.7	11.2
SSE	.5	.2		.4		.2						1.1	11.6
S	.5	1.1	.5	.6								2.2	6.3
SSW	1.7	1.1	.4	.8								3.6	5.8
SW	.5	.2	.4	.2	.2							1.5	5.3
WSW		1.1		.2								1.3	4.5
W	.4	.6	.4									1.5	4.7
WNW		.2										.2	4.3
NW		.2										.2	4.5
NNW		.2										.4	4.2
VARBL													
CALM												3.3	
	15.2	11.7	3.4	3.4	1.5	.6		.2				100.4	6.2

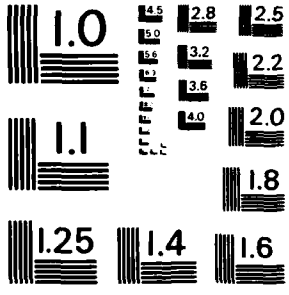
TOTAL NUMBER OF OBSERVATIONS 471

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL

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

AL CLIMATOLOGY BRANCH
3TAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-6 — YEARS
[illegible] — MONTH
ALL WEATHER — CLASS
[illegible]-11[illegible] — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.6	.6	.4									[illegible]	[illegible]
NNE	4.0	1.3	.6			.2						7.[illegible]	[illegible]
NE	.3	1.1			.4							1.[illegible]	4.7
ENE	1.1	.2										1.3	[illegible]
E	1.1	.4			.4							1.[illegible]	[illegible].7
ESE	.[illegible]		.4	.4	.4	.2						.[illegible]3	1.[illegible]
SE	.4	.2		.6	.4	.4	.2					.[illegible]3	15.2
SSE	.[illegible]	.2		.4	.4			.2				.[illegible]1	11.[illegible]
S	.1	.6	.6		.2							1.[illegible]	9.5
SSW	.2	.2	.4	.4								[illegible].[illegible]	[illegible].1
SW	.2	.6	.2	.4								[illegible].[illegible]	7.[illegible]
WSW	.4	.2	.4		.2							1.3	[illegible].[illegible]
W	.[illegible]	.6	.2									1.[illegible]	[illegible].7
WNW	.[illegible]	.2	.2									1.1	[illegible].[illegible]
NW													
NNW	.2	.2	.2									.[illegible]	[illegible].[illegible]
VARBL													
CALM												13.3	
	1.[illegible]	7.4	4.4	2.3	2.5	.8	.2	.2				[illegible].[illegible]	[illegible].3

TOTAL NUMBER OF OBSERVATIONS 474

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

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

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-8[illegible] — YEARS
[illegible] — MONTH

ALL WEATHER — CLASS
[illegible]-142[illegible] — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible].7	1.7	.2									[illegible].1	[illegible].
NNE	[illegible].4	2.5	.2									[illegible].1	[illegible].4
NE	[illegible].1	.5	.2									[illegible].8	[illegible].4
ENE	.4	.4	.2									1.1	4.[illegible]
E	1.1	.4										1.[illegible]	[illegible].7
ESE	.[illegible]	.5				.4						1.7	[illegible].1
SE			.[illegible]		1.1	1.1	.[illegible]					[illegible].[illegible]	[illegible].1.[illegible]
SSE	.4	.6		.[illegible]	.4							1.7	[illegible].[illegible]
S	.[illegible]	.[illegible]	.8	.4								[illegible].[illegible]	[illegible].6.5
SSW	1.[illegible]	.9	.6	.2								[illegible].2	[illegible].1
SW	.[illegible]	.6	.8	.[illegible]								[illegible].[illegible]	[illegible].[illegible]
WSW	.[illegible]	1.7	.4									[illegible].2	4.[illegible]
W	.[illegible]	.4	.2									1.3	[illegible].
WNW	.4	.2										.[illegible]	[illegible].[illegible]
NW		.[illegible]										.[illegible]	4.[illegible]
NNW													
VARBL													
CALM												[illegible].3	
	[illegible].5	12.0	4.0	1.1	1.5	1.5	.2					[illegible].[illegible]	[illegible].1

TOTAL NUMBER OF OBSERVATIONS [illegible]474

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

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) ANN (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	.4										1.1	5.4
NNE	4.1	.6	1.1									5.6	5.2
NE	1.2	.5	.2									1.9	4.8
ENE	2.4	1.3	.4									4.1	3.4
E	.6	.4		.2	.2							1.5	6.6
ESE	.5	.4	.2	.2								1.7	4.6
SE	.2	.2	.4	.4	1.3	.4						2.8	13.4
SSE	.2	.2	.2	.2	.4							1.3	11.5
S	1.2	1.1	.6	.2								3.2	6.2
SSW	.2	.4	.9	.2								1.1	6.5
SW	.4	.7	.2									1.3	4.8
WSW	.2	.2	.2									1.3	3.7
W	.5	.2										.9	4.5
WNW													
NW		.4										.4	6.5
NNW	.4	.2										.8	4.2
VARBL													
CALM												44.5	
	14.1	9.1	4.5	1.5	1.9	.4						100.0	1.4

TOTAL NUMBER OF OBSERVATIONS 467

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

L

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

SURFACE WINDS

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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
0000-2300 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.3										2.4	[illegible]
NNE	1.8	.7	.7									3.1	5.[illegible]
NE	1.1	.7	.4									[illegible].2	4.[illegible]
ENE	1.[illegible]	.4										[illegible].3	[illegible]
E	1.1	.[illegible]		.2								[illegible].2	4.7
ESE	.7	.9	.2	.4		.7						2.4	7.7
SE	.4	.4	.4		.4	1.3						[illegible].1	14.[illegible]
SSE	1.[illegible]			.[illegible]								2.4	[illegible].[illegible]
S	.4	1.6	.9	.2								[illegible].1	[illegible].4
SSW	.[illegible]	.4	.7	.2								2.2	[illegible]
SW	.4	.4	.2	.2								1.[illegible]	[illegible].5
WSW	.4	.[illegible]										.7	5.3
W													
WNW	.4	.2	.2									.[illegible]	4.[illegible]
NW													
NNW	.7	.2										.[illegible]	[illegible]
VARBL													
CALM												[illegible].[illegible]	
	12.[illegible]	6.4	3.5	2.2	.4	1.6						[illegible].[illegible]	[illegible].7

TOTAL NUMBER OF OBSERVATIONS 4[illegible]1

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

SURFACE WINDS

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

73S (STATION) FT RICHARDSON AK (STATION NAME) 77-8. (YEARS) N.. (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	.2									[illegible]	[illegible]
NNE	[illegible]	1.3	.5		.2	.1						[illegible]	[illegible]
NE	2.2	.9	.4	.2	.2	.0						3.8	4.7
ENE	1.6	.5	.2									2.3	[illegible]
E	1.1	.7	.2	.1	.1	.0						2.1	4.[illegible]
ESE	.7	.5	.3	.3	.2	.2						2.1	7.[illegible]
SE	.4	.2	.2	.4	.6	.5	.1	.0				2.4	15.6
SSE	.7	.2	.1	.4	.2	.1		.0				1.7	9.[illegible]
S	1.1	1.0	.7	.2	.0	.0						3.2	[illegible]
SSW	.2	.8	.6	.4								2.7	[illegible]
SW	.6	.5	.5	.2	.1							1.9	6.1
WSW	.[illegible]	.6	.2	.0	.0							1.[illegible]	4.7
W	.[illegible]	.4	.2									1.1	4.[illegible]
WNW	.[illegible]	.[illegible]	.1									.7	[illegible]
NW		.[illegible]										.2	4.[illegible]
NNW	.2	.2	.0									.[illegible]	[illegible]
VARBL													
CALM												6.1	
	15.7	9.4	4.1	2.1	1.5	.9	.1	.1				100.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

SURFACE WINDS

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

736	FT RICHARDSON AK	77-82	01
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0900
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.4									2.7	3.7
NNE	2.7	1.3	.9	.4								5.4	4.2
NE	3.4	1.3	.9									7.6	3.4
ENE	2.7	.9	.9	.4								4.9	4.4
E	1.3	1.3	.9									3.9	5.1
ESE	.9	.4										1.3	3.5
SE	.4		.9	.4		.4	.4					2.7	13.7
SSE		.4	.4	.4								1.3	5.3
S	.9	.4										1.3	3.5
SSW	1.7	.4										1.8	3.
SW	.9			.4								1.3	6.7
WSW		.4										.4	4.5
W													
WNW	.4											.4	3.5
NW													
NNW	.4		.4									.9	6.7
VARBL													
CALM												4.3	
	19.2	7.6	5.8	2.2		.4	.4					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 229

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

SURFACE WINDS

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

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | DEC MONTH

ALL WEATHER CLASS | 0600-1800 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	.6										1.8	3.5
NNE	.1	1.6		.2								4.5	7.3
NE	.3	.6	.6									4.5	4.4
ENE	.2	1.2	.5	.4								4.5	4.4
E	.0	.6		.2	.2							2.1	4.5
ESE	.1	.2	.2	.4		.4						1.6	11.4
SE	.4	.4		.4	.2	.2	.4					1.7	14.5
SSE	.3	.2		.2			.2					1.0	7.3
S	.5	.6		.2								1.2	4.5
SSW	.1	.4										1.2	3.3
SW	1.2	.2	.4	.4								2.2	6.4
WSW													
W	.1	.4	.2									.8	4.4
WNW		.1	.2									.4	5.7
NW	.1											.2	2.5
NNW	.1	.2		.2								.8	5.3
VARBL													
CALM												4.5	
	10.6	8.4	1.2	2.7	.8	.6	.6					100.0	1.7

TOTAL NUMBER OF OBSERVATIONS 484

USAFETAC FORM JUL 64 0-8-5 OL-A1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AL CLIMATOLOGY BRANCH
FETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-8, (YEARS) D,C (MONTH)

ALL WEATHER (CLASS) 0000-1100 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.4	.2									1.8	4.4
NNE	.0	.6	.3	.4								.8	4.1
NE	3.6	1.4	.3									5.4	3.4
ENE	.2	.3	.2									.8	3.1
E	.3	.4	.4	.8								1.8	4.7
ESE	.3	.4	.2									1.4	3.6
SE	.6	.4	.2	.4		.6	.4	.2				2.8	11.6
SSE	.3	.6	.2	.4								1.5	6.3
S	1.3	.3			.2							1.8	5.1
SSW		.4	.2									.8	6.5
SW	.6	.2	.4									1.2	5.3
WSW		.4		.2								.8	7.1
W	.2		.2									.4	5.5
WNW	.4			.2								.6	6.3
NW													
NNW	.4											.4	7.5
VARBL													
CALM												71.1	
	15.3	6.9	3.9	2.0	.2	.6	.4	.2				100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 495

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 FT RICHARDSON AK 77-82 DEC

STATION STATION NAME YEARS MONTH

ALL WEATHER 1000-1400

CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.3										2.5	5.2
NNE	3.5	1.2	.8	.4								6.2	4.2
NE	4.1	.8	.2									5.1	2.9
ENE	.6	1.2	.4									2.1	4.6
E	.1	.6	.4									1.1	3.5
ESE	1.2	.4	.2		.2							2.1	4.5
SE	.2			.4	.4	.6	.4	.4				2.4	22.2
SSE	1.2	.2		.6			.2					2.3	7.7
S	1.8	1.0										2.8	3.4
SSW	.6	.4	.4									1.4	4.5
SW		.4	.2									.6	5.5
WSW		.4										.4	4.5
W	.4	.4										.8	3.3
WNW	.2		.2									.4	4.5
NW	.2											.2	2.5
NNW													
VARBL													
CALM												56.4	
	17.2	7.8	2.9	1.4	.6	.6	.6	.4				1.6.5	4.2

TOTAL NUMBER OF OBSERVATIONS 487

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.2	.2									.1	[illegible]
NNE	2.1	1.5	.4	.6								4.7	[illegible]
NE	2.5	.6										3.2	2.9
ENE	2.3	.2										2.5	2.8
E	1.9	.2	.4	.2								2.7	4.1
ESE	1.1		.2		.7			.4				1.9	13.[illegible]
SE	.2			.4	.6	.2		.4				1.9	20.7
SSE	.5	.2	.2			.4						1.5	[illegible]
S	1.1											1.1	2.4
SSW	.5	.8	.5									2.3	4.[illegible]
SW		.4	1.3									1.7	7.6
WSW		.2	.2	.2								.6	9.[illegible]
W		.6										.6	4.3
WNW	.4	.2										.6	3.[illegible]
NW		.2	.2									.4	7.[illegible]
NNW	.4	.6	.2									1.3	4.2
VARBL													
CALM												70.1	
	15.3	6.8	4.0	1.5	.8	.6		.8				100.0	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 47[illegible]

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

AL CLIMATOLOGY BRANCH
STAC
FATHER SERVICE/AC

SURFACE WINDS

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

736 FT RICHARDSON AK 77-82 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.4	.5									[illegible]	[illegible]
NNE	3.4	1.4	.7	.7								[illegible]	[illegible]
NE	[illegible].3	1.1	.7									[illegible]	[illegible]
ENE	.9	1.[illegible]	.2									[illegible]	[illegible]
E	.[illegible]		.[illegible]	.2								1.1	6.[illegible]
ESE	.7	.2	.2	.2				.2				1.0	[illegible].7
SE	.7	.2	.2	.[illegible]								[illegible].6	9.3
SSE	.7	.2	.2	.[illegible]		.[illegible]						[illegible].0	10.6
S	.9		.3	.2								1.4	[illegible].3
SSW	1.1	.7	.7									[illegible].3	4.[illegible]
SW	.7		.[illegible]									1.1	[illegible].6
WSW	.[illegible]	.2	.2									.7	4.7
W		.7	.[illegible]									.[illegible]	[illegible].[illegible]
WNW													
NW	.[illegible]	.2										.7	[illegible].[illegible]
NNW	.[illegible]	.2										.7	[illegible].[illegible]
VARBL													
CALM												70.[illegible]	
	14.[illegible]	[illegible].1	[illegible].0	2.3		.[illegible]		.2				100.[illegible]	1.[illegible]

TOTAL NUMBER OF OBSERVATIONS 483

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

736	FT RICHARDSON AK	77-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	.7	.2									[illegible]	[illegible]
NNE	[illegible]	1.3	.6	.[illegible]								[illegible]	[illegible]
NE	3.4	1.[illegible]	.5									[illegible]	[illegible]
ENE	1.[illegible]	1.1	.3	.1								[illegible]	[illegible]
E	1.7	.[illegible]	.4	.2	.[illegible]							[illegible]	[illegible]
ESE	.[illegible]	.3	.2	.1	.1	.1		.1				[illegible]	[illegible]
SE	.4	.[illegible]	.2	.4	.2	.3	.[illegible]	.2				[illegible]	1.[illegible]
SSE	.7	.4	.2	.3		.[illegible]	.1					1.[illegible]	[illegible]
S	1.0	.[illegible]	.[illegible]	.1	.0							1.[illegible]	[illegible]
SSW	.7	.6	.3									1.[illegible]	[illegible]
SW	.[illegible]	.2	.5	.1								1.[illegible]	[illegible]
WSW	.[illegible]	.3	.1	.1								.[illegible]	[illegible]
W	.[illegible]	.4	.1									.7	[illegible]
WNW	.[illegible]	.1	.1	.[illegible]								.[illegible]	[illegible]
NW	.[illegible]	.1	.[illegible]									.[illegible]	[illegible]
NNW	.[illegible]	.[illegible]	.1	.[illegible]								.[illegible]	[illegible]
VARBL													
CALM												[illegible]	
	16.1	7.6	[illegible].8	2.0	.4	.6	.[illegible]	.3				[illegible]	1.7

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

AL CLIMATOLOGY ... ACOM
CTAC
EATHER SERVICE/MAC

SURFACE WINDS

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

... STATION
See ... PAGE

73E — FT MICHAELSON AK — 77-81 — ALL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	2.1	.4	.1	.0							.8	5.6
NNE	2.4	1.5	.5	.1	.1	.0						.9	5.1
NE	1.2	.3	.3	.1	.1	.0						.4	4.6
ENE	1.1	.2	.2	.1	.0							.3	3.9
E	.2	.4	.4	.1	.0	.0		.0				.2	4.8
ESE	.1	.2	.2	.1	.0	.1	.1	.1				.3	6.2
SE	.4	.3	1.2	1.0	.3	.2	.2	.2				3.6	7.2
SSE	.7	.2	.3	.4	.1	.2	.2	.2				2.1	7.4
S	1.2	.7	.4	.1	.0	.0						2.4	4.8
SSW	1.1	1.0	.5	.1	.0							2.8	3.8
SW	1.1	.3	.5	.2	.0							2.7	4.2
WSW	1.6	1.7	.5	.0	.0							3.8	4.0
W	.3	2.4	.7	.2								3.6	4.8
WNW	1.1	.3	.2	.2	.2							2.0	4.4
NW	.7	.2	.1	.0								1.2	4.4
NNW	1.0	1.0	.2	.0								2.7	3.8
VARBL													
CALM												.1	
	22.1	15.0	7.8	3.2	.9	.3	.1	.2				100.0	

TOTAL NUMBER OF OBSERVATIONS 21164

1

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

SURFACE WINDS

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

USE ... ON
SEE ... PAGE

736	FT RICHARDSON AK	77-82	ALL
STATION	STATION NAME	YEARS	MONTH

INSTRUMENT
CLASS

ALL
HOURS (L.S.T.)

CIG 1000 TO 1400 FT W/ VSBY 1/2 MI OR MORE,
CONDITION

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.4	.1	.0								4.6	4.1
NNE	3.[illegible]	1.1	.2									4.[illegible]	[illegible]
NE	1.[illegible]	1.	.2									3.0	[illegible]
ENE	.7	.4	.2									1.[illegible]	4.
E	.7	.2	.1									1.0	3.[illegible]
ESE	.3		.[illegible]									.[illegible]	[illegible].1
SE	.[illegible]		.[illegible]		.[illegible]							.[illegible]	[illegible].6
SSE	.[illegible]	.1	.1									.[illegible]	4.4
S	1.[illegible]	.5	.3	.[illegible]								[illegible].1	3.
SSW	1.[illegible]	1.4	1.[illegible]	.2								[illegible].4	[illegible]
SW	1.[illegible]	1.[illegible]	1.2	.2	.[illegible]							4.7	[illegible].4
WSW	1.9	2.1	.6	.0								4.[illegible]	4.4
W	1.[illegible]	1.1	.1									[illegible].[illegible]	[illegible].3
WNW	.7	.3										1.0	[illegible].[illegible]
NW	.4	.[illegible]	.[illegible]									.7	3.6
NNW	.7	.3	.[illegible]									1.1	3.[illegible]
VARBL													
CALM												[illegible].7	
	[illegible].1	12.[illegible]	4.5	.6	.1							[illegible].[illegible]	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

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

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

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

D

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

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 78-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8	
20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8	
20.9	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	43.1	43.1	43.1	43.1	45.1	45.8	
20.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.8	43.8	43.8	43.8	45.8	46.4	
21.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.4	44.4	44.4	44.4	46.4	47.1	
23.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.4	46.4	46.4	46.4	48.4	49.0	
23.5	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	47.1	47.1	47.1	47.1	49.0	49.7	
23.5	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	47.1	47.1	47.1	47.1	49.0	49.7	
24.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.3	52.3	52.3	52.3	54.2	54.9	
26.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	60.1	60.1	60.1	60.1	62.1	62.7	
30.7	63.4	63.4	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.7	64.7	64.7	64.7	66.7	67.3	
34.0	70.6	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.9	71.9	71.9	71.9	73.9	74.5	
35.9	75.2	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	76.5	76.5	76.5	76.5	78.4	79.1	
39.2	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0	83.0	83.0	85.0	85.6	
39.2	81.0	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	83.0	83.0	83.0	83.0	85.0	85.6	
39.2	83.0	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	85.0	85.0	85.0	85.0	86.9	87.6	
39.2	83.0	83.7	84.3	84.3	84.3	84.3	84.3	84.3	84.3	85.0	85.0	85.0	85.0	86.9	87.6	
39.9	84.3	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3	86.3	86.3	86.3	88.2	88.9	
39.9	84.3	85.0	85.6	85.6	85.6	85.6	85.6	85.6	85.6	86.3	86.3	86.3	86.3	88.2	88.9	
39.9	84.3	85.6	86.3	86.9	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.2	90.2	90.8	
39.9	84.3	85.6	86.3	86.9	86.9	87.6	87.6	87.6	87.6	88.2	88.2	88.2	88.2	90.2	90.8	
39.9	85.6	86.9	87.6	88.9	88.9	89.5	89.5	89.5	89.5	90.2	90.2	90.2	90.2	92.2	92.8	
39.9	85.6	86.9	87.6	88.9	88.9	89.5	89.5	89.5	89.5	90.2	90.2	90.2	90.2	92.2	92.8	
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1	
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1	
39.9	85.6	86.9	87.6	89.5	89.5	90.2	90.8	90.8	90.8	91.5	91.5	91.5	91.5	93.5	94.1	
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	92.8	92.8	93.5	93.5	93.5	93.5	95.4	96.1	
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	92.8	92.8	93.5	93.5	93.5	93.5	95.4	96.1	
39.9	85.6	86.9	87.6	89.5	89.5	92.2	92.8	93.5	93.5	94.1	94.1	94.1	94.1	96.1	96.7	
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	97.4	98.0	
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	99.3	100.0	
39.9	85.6	86.9	87.6	89.5	89.5	93.5	94.1	94.8	94.8	95.4	95.4	95.4	95.4	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 153

USAFETAC [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

/ 5736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

17.5	33.8	33.8	34.0	34.3	34.6	34.6	34.6	34.6	34.8	35.1	35.1	35.1	35.1	35.9	36.1
18.3	35.3	35.3	35.6	35.9	36.1	36.1	36.1	36.1	36.4	36.6	36.6	36.6	36.6	37.4	37.7
18.3	36.4	36.4	36.6	36.9	37.2	37.2	37.2	37.2	37.4	37.7	37.7	37.7	37.7	38.5	38.7
18.6	37.7	37.7	38.0	38.2	38.5	38.5	38.5	38.5	38.7	39.0	39.0	39.0	39.0	39.8	40.1
18.8	38.2	38.2	38.5	38.7	39.0	39.0	39.0	39.0	39.3	39.5	39.5	39.5	39.5	40.3	40.6
18.9	38.7	38.7	39.0	39.3	39.5	39.5	39.5	39.5	39.8	40.1	40.1	40.1	40.1	40.8	41.1
19.4	41.6	41.6	41.9	42.1	42.4	42.4	42.4	42.4	42.7	42.9	42.9	42.9	42.9	43.7	44.0
19.6	42.7	42.7	42.9	43.2	43.5	43.5	43.5	43.5	43.7	44.0	44.0	44.0	44.0	44.8	45.0
21.2	46.7	46.7	49.0	49.2	49.5	49.5	49.7	49.7	50.0	50.3	50.3	50.3	50.3	51.0	51.3
23.3	55.2	55.2	55.5	55.8	56.0	56.0	56.3	56.3	56.5	56.8	56.8	56.8	56.8	57.6	57.9
27.2	62.6	62.6	62.8	63.1	63.4	63.4	63.6	63.6	63.9	64.1	64.1	64.1	64.1	64.9	65.2
33.0	72.3	72.3	72.5	72.8	73.0	73.0	73.3	73.3	73.6	73.8	73.8	73.8	73.8	74.9	75.1
36.1	77.7	77.7	78.0	78.3	78.5	78.5	78.8	78.8	79.1	79.3	79.3	79.3	79.3	80.4	80.6
36.6	82.2	82.2	82.5	83.0	83.2	83.2	83.5	83.5	83.8	84.0	84.0	84.0	84.0	85.1	85.3
37.7	83.5	83.5	84.0	84.6	84.8	84.8	85.1	85.1	85.3	85.6	85.6	85.6	85.6	86.6	86.9
38.0	84.8	84.8	85.3	85.9	86.1	86.4	86.6	86.6	86.9	87.2	87.2	87.2	87.2	88.2	88.5
38.0	85.1	85.1	85.6	86.1	86.4	86.6	86.9	86.9	87.2	87.4	87.4	87.4	87.4	88.5	88.7
38.5	86.1	86.4	87.2	87.7	88.0	88.5	88.7	88.7	89.0	89.3	89.3	89.3	89.3	90.3	90.6
38.5	86.1	86.4	87.2	87.7	88.0	88.5	88.7	88.7	89.0	89.3	89.3	89.3	89.3	90.3	90.6
38.7	86.9	87.2	88.0	88.5	88.7	89.3	89.5	89.5	89.8	90.1	90.1	90.1	90.1	91.1	91.4
38.7	87.2	87.4	88.2	88.7	89.0	89.8	90.1	90.1	90.3	90.6	90.6	90.6	90.6	91.6	91.9
38.7	87.4	87.7	88.5	89.3	89.5	90.3	90.6	90.6	91.1	91.4	91.4	91.4	91.4	92.4	92.7
38.7	87.4	87.7	88.5	89.3	89.5	90.6	90.8	90.8	91.4	91.6	91.6	91.6	91.6	92.7	92.9
38.7	87.4	87.7	88.7	89.5	89.8	90.8	91.4	91.4	91.9	92.1	92.1	92.1	92.1	93.2	93.5
38.7	88.0	88.2	89.3	90.1	90.3	91.4	92.1	92.1	92.7	92.9	92.9	92.9	92.9	94.0	94.2
38.7	88.0	88.2	89.3	90.1	90.3	91.4	92.1	92.1	92.7	92.9	92.9	92.9	92.9	94.0	94.2
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	93.7	94.0	94.0	94.0	94.0	95.0	95.3
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	93.7	94.2	94.2	94.2	94.2	95.3	95.8
38.7	88.0	88.2	89.3	90.1	90.3	92.1	93.2	93.2	94.2	94.8	94.8	94.8	94.8	96.1	97.1
38.7	88.0	88.2	89.3	90.1	90.3	92.4	93.5	93.5	94.5	95.0	95.0	95.0	95.3	96.6	97.6
38.7	88.2	88.5	89.5	90.8	91.1	93.5	94.5	94.5	96.3	96.9	96.9	97.1	97.4	98.7	100.0
38.7	88.2	88.5	89.5	90.8	91.1	93.5	94.5	94.5	96.3	96.9	96.9	97.1	97.4	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 382

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 [illegible]36 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

21.1	30.2	30.2	30.4	30.9	30.9	31.4	31.4	31.4	31.8	32.1	32.1	32.8	32.8	32.8	33.0	
23.8	33.7	33.7	34.0	34.4	34.4	34.9	34.9	34.9	35.4	35.6	35.6	36.3	36.3	36.3	36.6	
24.5	34.4	34.4	34.7	35.2	35.2	35.6	35.6	35.6	36.1	36.3	36.3	37.1	37.1	37.1	37.3	
25.4	35.4	35.4	35.6	36.1	36.1	36.6	36.6	36.6	37.1	37.3	37.3	38.0	38.0	38.0	38.2	
25.9	35.9	35.9	36.1	36.6	36.6	37.1	37.1	37.1	37.5	37.8	37.8	38.5	38.5	38.5	38.7	
26.1	36.3	36.3	36.6	37.1	37.1	37.5	37.5	37.5	38.0	38.2	38.2	39.0	39.0	39.0	39.2	
26.6	39.4	39.4	39.7	40.1	40.1	40.6	40.6	40.6	41.1	41.3	41.3	42.0	42.0	42.0	42.3	
26.6	41.3	41.3	41.6	42.0	42.0	42.5	42.5	42.5	43.0	43.2	43.2	43.9	43.9	43.9	44.2	
29.2	47.7	47.7	48.0	48.5	48.5	48.9	49.2	49.2	49.6	49.9	49.9	50.8	50.8	51.3	51.5	
33.5	54.9	54.9	55.1	55.6	55.6	56.1	56.3	56.3	56.8	57.0	57.0	58.0	58.0	58.4	58.7	
35.2	61.5	61.5	61.8	62.7	62.7	63.2	63.4	63.4	63.9	64.1	64.1	65.1	65.1	65.6	65.8	
42.0	74.1	74.1	74.3	75.5	75.5	76.0	76.2	76.2	76.7	77.0	77.0	77.9	77.9	78.4	78.6	
43.7	76.5	76.5	76.7	77.9	77.9	78.4	78.6	78.6	79.1	79.3	79.3	80.3	80.3	80.8	81.0	
45.4	81.7	81.7	82.2	83.4	83.4	84.1	84.6	84.6	85.0	85.3	85.3	86.2	86.2	86.7	86.9	
46.1	82.9	82.9	83.4	84.6	84.6	85.3	85.7	85.7	86.2	86.5	86.5	87.4	87.4	87.9	88.1	
46.6	84.8	84.8	85.3	86.5	86.5	87.2	87.6	87.6	88.1	88.4	88.4	89.3	89.3	89.8	90.0	
47.0	85.3	85.3	85.7	86.9	86.9	87.6	88.1	88.1	88.6	88.8	88.8	89.8	89.8	90.3	90.5	
47.0	85.3	85.3	85.7	86.9	86.9	87.9	88.4	88.4	88.8	89.1	89.1	90.0	90.0	90.5	90.7	
47.0	85.3	85.3	85.7	86.9	86.9	87.9	88.4	88.4	88.8	89.1	89.1	90.0	90.0	90.5	90.7	
47.0	85.3	85.3	86.0	87.4	87.4	88.4	88.8	88.8	89.3	89.5	89.5	90.5	90.5	91.0	91.2	
47.0	85.3	85.3	86.2	87.6	87.6	88.6	89.1	89.1	89.8	90.0	90.0	91.0	91.0	91.4	91.7	
47.0	85.5	85.5	86.5	87.9	87.9	89.5	90.0	90.0	90.7	91.0	91.0	92.2	92.2	92.6	92.9	
47.3	85.7	85.7	86.7	88.1	88.1	89.8	90.3	90.3	91.0	91.2	91.2	92.4	92.4	92.9	93.1	
47.5	86.0	86.0	86.9	88.4	88.4	90.0	90.5	90.5	91.2	91.4	91.4	92.6	92.6	93.1	93.3	
47.5	86.0	86.0	86.9	88.4	88.4	90.0	90.5	90.5	91.2	91.4	91.4	92.6	92.6	93.1	93.3	
47.5	86.5	86.5	87.4	88.8	88.8	90.5	91.0	91.0	91.7	91.9	91.9	93.1	93.1	93.6	93.8	
47.5	86.9	86.9	88.1	89.5	89.8	91.7	92.4	92.4	93.3	94.3	94.3	95.5	95.5	96.0	96.2	
47.5	87.2	87.2	88.4	89.8	90.3	92.2	92.9	92.9	93.8	94.8	94.8	96.4	96.4	96.9	97.1	
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.0	96.9	96.9	97.4	97.6	
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	97.6	97.6	98.6	99.0	
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	98.1	98.1	99.0	99.8	
47.5	87.2	87.2	88.4	89.8	90.3	92.4	93.1	93.1	94.1	95.0	95.2	98.1	98.1	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 421

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

25.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.1	34.1	34.1	35.1	35.6
29.1	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	39.1	39.1	39.1	39.1	40.1	40.6
30.8	41.1	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5	41.5	41.5	42.5	43.0
31.0	41.5	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	42.0	42.0	42.0	42.0	43.0	43.4
31.3	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.2	42.2	42.2	42.2	43.2	43.7
31.5	42.7	42.7	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.2	43.2	43.2	43.2	44.2	44.6
33.9	48.2	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.7	48.7	48.7	48.7	49.6	50.1
34.6	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9	50.8	51.3
35.8	52.7	52.7	52.7	53.2	53.2	53.2	53.5	53.5	53.5	53.7	53.7	53.7	53.7	54.7	55.1
40.3	60.4	60.4	60.4	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.3	61.3	61.3	62.3	62.8
42.2	65.9	65.9	65.9	66.3	66.3	66.3	66.6	66.6	66.6	66.8	66.8	66.8	66.8	67.8	68.3
46.8	76.6	77.3	77.3	77.8	77.8	77.8	78.0	78.0	78.3	78.5	78.5	78.5	78.5	79.5	80.0
47.7	78.5	79.2	79.2	79.7	79.7	79.7	80.0	80.0	80.2	80.4	80.4	80.4	80.4	81.4	81.9
50.1	82.6	83.5	83.5	84.0	84.0	84.0	84.2	84.2	84.5	84.7	84.7	84.7	84.7	85.7	86.2
51.8	85.7	86.6	86.6	87.1	87.1	87.1	87.4	87.4	87.6	87.8	87.8	87.8	87.8	88.8	89.3
52.7	88.1	89.0	89.0	89.5	89.5	89.5	89.7	89.7	90.0	90.2	90.2	90.2	90.2	91.2	91.6
53.2	88.8	89.7	89.7	90.2	90.2	90.2	90.5	90.5	90.7	90.9	90.9	90.9	90.9	91.9	92.4
53.2	89.0	90.0	90.0	90.5	90.7	90.7	91.4	91.4	91.6	91.9	91.9	91.9	91.9	92.8	93.3
53.2	89.0	90.0	90.0	90.5	90.7	90.7	91.4	91.4	91.6	91.9	91.9	91.9	91.9	92.8	93.3
53.2	89.0	90.0	90.0	90.7	90.9	90.9	91.6	91.6	91.9	92.1	92.1	92.1	92.1	93.1	93.6
53.2	89.0	90.0	90.0	90.7	90.9	90.9	91.6	91.6	91.9	92.1	92.1	92.1	92.1	93.1	93.6
53.2	89.3	90.2	90.2	90.9	91.2	91.4	92.1	92.1	92.4	92.6	92.6	92.6	92.6	93.6	94.0
53.9	90.2	91.2	91.2	91.9	92.1	92.4	93.1	93.1	93.3	93.6	93.6	93.6	93.6	94.5	95.0
53.9	90.2	91.2	91.2	91.9	92.1	92.4	93.1	93.1	93.3	93.6	93.6	93.6	93.6	94.5	95.0
53.9	90.5	91.4	91.4	92.1	92.4	92.6	93.3	93.3	93.6	94.0	94.0	94.0	94.0	95.0	95.5
53.9	90.5	91.4	91.4	92.1	92.4	92.8	93.6	93.6	93.8	94.3	94.3	94.3	94.3	95.2	95.7
53.9	90.7	91.6	91.6	92.4	92.6	93.1	93.8	93.8	94.5	95.0	95.0	95.0	95.0	95.9	96.4
53.9	90.7	91.6	91.6	92.4	92.6	93.1	94.0	94.0	95.0	95.5	95.5	95.7	95.7	96.7	97.1
53.9	90.7	91.6	91.6	92.4	92.6	93.1	94.3	94.3	95.7	96.2	96.2	96.9	96.9	97.9	98.6
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.6	99.5
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.8	100.0
53.9	90.7	91.6	91.6	92.4	92.6	93.3	94.5	94.5	95.9	96.4	96.4	97.4	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 419

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 .736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

27.9	39.3	39.3	39.8	39.8	39.8	40.0	40.0	40.0	40.5	40.5	40.5	40.5	40.5	41.0	41.0
30.6	42.7	42.7	43.2	43.2	43.2	43.4	43.4	43.4	43.9	43.9	43.9	43.9	43.9	44.4	44.4
32.5	45.1	45.1	45.6	45.6	45.6	45.9	45.9	45.9	46.4	46.4	46.4	46.6	46.6	47.3	47.3
32.5	45.1	45.1	45.6	45.6	45.6	45.9	45.9	45.9	46.4	46.4	46.4	46.6	46.6	47.3	47.3
32.8	45.4	45.4	45.9	45.9	45.9	46.1	46.1	46.1	46.6	46.6	46.6	46.8	46.8	47.6	47.6
33.5	46.6	46.6	47.1	47.1	47.1	47.3	47.3	47.3	47.8	47.8	47.8	48.1	48.1	48.8	48.8
35.7	49.0	49.0	49.5	49.5	49.5	49.8	49.8	49.8	50.2	50.2	50.2	50.5	50.5	51.2	51.2
36.2	50.2	50.2	50.7	50.7	50.7	51.0	51.0	51.0	51.5	51.5	51.5	51.7	51.7	52.4	52.4
37.6	56.6	56.6	57.0	57.0	57.0	57.3	57.3	57.3	57.8	57.8	57.8	58.0	58.0	58.7	58.7
41.5	65.3	65.3	65.8	65.8	65.8	66.0	66.0	66.0	66.5	66.5	66.5	66.7	66.7	67.5	67.5
43.0	69.9	69.9	70.4	70.4	70.4	70.6	70.6	70.6	71.1	71.1	71.1	71.4	71.4	72.1	72.1
46.8	77.9	78.4	78.9	78.9	78.9	79.1	79.1	79.1	79.6	79.6	79.6	79.9	79.9	80.6	80.6
48.1	80.1	80.6	81.1	81.1	81.1	81.3	81.3	81.3	81.8	81.8	81.8	82.0	82.0	82.8	82.8
48.5	83.0	83.7	84.2	84.2	84.2	84.5	84.5	84.5	85.0	85.0	85.0	85.2	85.2	85.9	85.9
50.2	85.2	85.9	86.4	86.4	86.4	86.7	86.7	86.7	87.1	87.1	87.1	87.4	87.4	88.1	88.1
51.2	88.3	89.8	91.0	91.3	91.3	91.5	91.5	91.5	92.0	92.0	92.0	92.2	92.2	93.0	93.0
51.2	88.3	89.8	91.0	91.3	91.3	91.5	91.5	91.5	92.0	92.0	92.0	92.2	92.2	93.0	93.0
51.2	88.3	89.8	91.3	92.0	92.0	92.2	92.2	92.2	92.7	92.7	92.7	93.0	93.0	93.7	93.7
51.2	88.3	89.8	91.3	92.0	92.0	92.2	92.2	92.2	92.7	92.7	92.7	93.0	93.0	93.7	93.7
51.2	88.3	90.0	91.5	92.2	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.2	93.2	93.9	93.9
51.2	88.3	90.0	91.5	92.2	92.2	92.5	92.5	92.5	93.0	93.0	93.0	93.2	93.2	94.4	94.4
51.2	89.1	90.8	92.2	93.0	93.2	93.7	93.7	93.7	94.4	94.4	94.4	94.7	94.7	95.9	95.9
51.2	89.1	90.8	92.2	93.0	93.2	93.7	93.7	93.7	94.4	94.4	94.4	94.7	94.7	95.9	95.9
51.2	89.1	91.0	92.5	93.2	93.4	93.9	93.9	93.9	95.1	95.1	95.1	95.4	95.4	96.6	96.6
51.2	89.1	91.0	92.5	93.2	93.4	93.9	93.9	93.9	95.1	95.1	95.1	95.4	95.4	96.6	96.8
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	95.4	95.4	95.4	95.6	95.6	96.8	97.1
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.6	96.6	96.8	96.8	98.1	98.3
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.8	96.8	97.1	97.1	98.5	98.8
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	96.8	96.8	97.3	97.3	98.8	99.0
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.6	97.1	97.1	97.8	97.8	99.3	99.5
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.8	97.3	97.3	98.1	98.1	99.5	100.0
51.2	89.1	91.0	92.5	93.2	93.4	94.2	94.2	94.2	96.8	97.3	97.3	98.1	98.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 912

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

/ 7736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

25.3	40.3	40.9	40.9	41.2	41.5	41.5	41.5	41.5	41.8	41.8	41.8	42.0	42.0	42.6	42.9	
26.7	42.3	42.9	42.9	43.2	43.5	43.5	43.5	43.5	43.8	43.8	43.8	44.0	44.0	44.6	44.9	
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4	
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4	
28.4	44.9	45.5	45.5	45.7	46.0	46.0	46.0	46.0	46.3	46.3	46.3	46.6	46.6	47.2	47.4	
28.7	46.9	47.4	47.4	47.7	48.0	48.0	48.0	48.0	48.3	48.3	48.3	48.6	48.6	49.1	49.4	
30.4	49.4	50.0	50.0	50.3	50.6	50.6	50.6	50.6	50.9	50.9	50.9	51.1	51.1	51.7	52.0	
30.4	50.0	50.6	50.6	50.9	51.1	51.1	51.1	51.1	51.4	51.4	51.4	51.7	51.7	52.3	52.6	
33.0	57.1	57.7	57.7	58.0	58.2	58.2	58.2	58.2	58.5	58.5	58.5	58.8	58.8	59.4	59.7	
37.2	66.2	66.8	66.8	67.0	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.9	67.9	68.5	68.8	
37.8	68.8	69.3	69.3	69.6	69.9	69.9	69.9	69.9	70.2	70.2	70.2	70.5	70.5	71.0	71.3	
40.9	76.1	77.3	77.3	77.6	77.8	77.8	77.8	77.8	78.1	78.1	78.1	78.4	78.4	79.0	79.3	
41.5	78.7	80.1	80.1	80.4	80.7	80.7	80.7	80.7	81.0	81.0	81.0	81.3	81.3	81.8	82.1	
44.0	82.7	84.1	84.1	84.4	84.7	84.7	84.7	84.7	84.9	84.9	84.9	85.2	85.2	85.8	86.1	
45.2	84.1	85.5	85.5	85.8	86.1	86.1	86.1	86.1	86.4	86.4	86.4	86.6	86.6	87.2	87.5	
45.7	85.8	87.5	87.8	88.4	88.6	88.6	88.6	88.6	88.9	88.9	88.9	89.2	89.2	89.8	90.1	
46.3	86.4	88.1	88.4	88.9	89.2	89.2	89.2	89.2	89.	89.5	89.5	89.8	89.8	90.3	90.6	
46.3	86.6	88.4	89.2	89.8	90.1	90.6	90.6	90.6	90.9	90.9	90.9	91.2	91.2	91.8	92.0	
46.3	86.9	88.6	89.5	90.1	90.3	90.9	90.9	90.9	91.2	91.2	91.2	91.5	91.5	92.0	92.3	
46.3	87.2	89.2	90.1	90.6	90.9	92.3	92.3	92.3	92.9	92.9	92.9	93.2	93.2	93.8	94.0	
46.3	87.2	89.2	90.1	90.6	90.9	92.3	92.3	92.3	92.9	92.9	92.9	93.2	93.2	93.8	94.0	
46.3	88.1	90.1	90.9	91.5	91.8	93.5	93.5	93.5	94.0	94.0	94.0	94.3	94.3	94.9	95.2	
46.3	88.1	90.1	90.9	91.5	91.8	93.5	93.5	93.5	94.0	94.3	94.3	94.6	94.6	95.2	95.5	
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.5	95.5	95.7	95.7	96.3	96.6	
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.5	95.5	95.7	95.7	96.3	96.6	
46.3	88.1	90.3	91.2	91.8	92.0	93.8	94.6	94.6	95.2	95.7	96.0	96.3	96.3	96.9	97.2	
46.3	88.1	90.9	91.8	92.3	92.6	94.3	95.2	95.2	96.6	97.2	97.4	97.7	97.7	98.3	98.6	
46.3	88.1	91.5	92.3	92.9	93.2	94.9	95.7	95.7	97.2	97.7	98.0	98.3	98.3	98.9	99.1	
46.3	88.1	91.8	92.6	93.2	93.5	95.2	96.0	96.0	97.4	98.0	98.3	98.6	98.6	99.1	99.4	
46.3	88.1	91.8	92.6	93.2	93.5	95.2	96.0	96.0	97.4	98.0	98.3	98.6	98.6	99.1	99.7	
46.3	88.1	91.8	92.6	93.5	93.8	95.5	96.3	96.3	97.7	98.3	98.6	98.9	98.9	99.4	100.0	
46.3	88.1	91.8	92.6	93.5	93.8	95.5	96.3	96.3	97.7	98.3	98.6	98.9	98.9	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	23.4	35.9	36.0	36.1	36.3	36.4	36.6	36.6	36.6	36.8	37.0	37.0	37.2	37.2	37.9	38.1
	25.4	38.8	38.8	39.0	39.3	39.4	39.5	39.5	39.5	39.8	40.0	40.0	40.2	40.2	40.8	41.1
	26.6	40.4	40.5	40.7	41.0	41.0	41.2	41.2	41.2	41.5	41.7	41.7	41.9	41.9	42.6	42.9
	26.8	41.0	41.1	41.3	41.5	41.6	41.7	41.7	41.7	42.0	42.2	42.2	42.4	42.4	43.2	43.4
	27.1	41.3	41.4	41.6	41.8	41.9	42.1	42.1	42.1	42.4	42.5	42.5	42.8	42.8	43.5	43.8
	27.5	42.4	42.5	42.7	42.9	43.0	43.2	43.2	43.2	43.4	43.6	43.6	43.9	43.9	44.6	44.8
	28.9	45.5	45.6	45.8	46.0	46.1	46.3	46.3	46.3	46.6	46.8	46.8	7.0	47.0	47.7	48.0
	29.2	46.7	46.8	46.9	47.2	47.3	47.4	47.4	47.4	47.7	47.9	47.9	48.1	48.1	48.8	49.1
	31.0	52.4	52.5	52.7	53.0	53.1	53.2	53.3	53.3	53.6	53.8	53.8	54.1	54.1	54.9	55.2
	34.8	50.2	60.3	60.5	60.8	60.9	61.0	61.2	61.2	61.4	61.6	61.6	61.9	61.9	62.7	63.0
	36.7	65.5	65.6	65.8	66.2	66.3	66.4	66.6	66.6	66.9	67.0	67.0	67.3	67.3	68.1	68.4
	41.5	75.1	75.5	75.7	76.2	76.3	76.4	76.5	76.5	76.9	77.0	77.0	77.3	77.3	78.2	78.4
	43.1	78.1	78.5	78.8	79.2	79.3	79.4	79.6	79.6	79.9	80.1	80.1	80.4	80.4	81.2	81.5
	44.7	82.3	82.9	83.2	83.7	83.8	84.0	84.2	84.2	84.5	84.7	84.7	84.9	84.9	85.8	86.1
	45.9	84.1	84.7	85.0	85.5	85.6	85.7	85.9	85.9	86.3	86.4	86.4	86.7	86.7	87.6	87.8
	46.5	86.2	87.0	87.5	88.0	88.1	88.4	88.5	88.5	88.9	89.1	89.1	89.3	89.3	90.2	90.5
	46.8	86.5	87.3	87.8	88.4	88.5	88.7	88.9	88.9	89.2	89.4	89.4	89.7	89.7	90.6	90.8
	46.9	86.9	87.8	88.5	89.1	89.2	89.7	89.9	89.9	90.3	90.5	90.5	90.7	90.7	91.6	91.9
	46.9	87.0	87.8	88.5	89.2	89.3	89.7	90.0	90.0	90.3	90.5	90.5	90.8	90.8	91.6	91.9
	46.9	87.1	88.1	88.9	89.7	89.8	90.4	90.7	90.7	91.1	91.3	91.3	91.5	91.5	92.4	92.7
	46.9	87.2	88.2	89.0	89.8	89.9	90.6	90.8	90.8	91.3	91.4	91.4	91.7	91.7	92.7	92.9
	46.9	87.7	88.7	89.5	90.4	90.6	91.5	91.8	91.8	92.3	92.5	92.5	92.8	92.8	93.7	94.0
	47.1	87.9	88.9	89.7	90.6	90.8	91.8	92.1	92.1	92.6	92.8	92.8	93.1	93.1	94.1	94.3
	47.2	88.0	89.1	89.9	90.8	91.0	92.0	92.5	92.5	93.1	93.4	93.4	93.7	93.7	94.6	94.9
	47.2	88.1	89.2	90.0	91.0	91.2	92.1	92.7	92.7	93.3	93.6	93.6	93.9	93.9	94.9	95.2
	47.2	88.2	89.3	90.1	91.1	91.3	92.3	92.9	92.9	93.5	93.8	93.9	94.2	94.2	95.1	95.5
	47.2	88.4	89.5	90.4	91.4	91.6	93.0	93.6	93.6	94.8	95.2	95.3	95.6	95.6	96.5	96.9
	47.2	88.4	89.7	90.6	91.5	91.8	93.2	93.9	93.9	95.0	95.6	95.7	96.1	96.1	97.1	97.5
	47.2	88.4	89.7	90.6	91.5	91.8	93.3	94.0	94.1	95.4	96.0	96.0	96.7	96.7	97.7	98.2
	47.2	88.4	89.7	90.6	91.5	91.8	93.5	94.2	94.2	95.6	96.2	96.3	97.1	97.2	98.4	99.0
	47.2	88.5	89.8	90.6	91.7	92.0	93.7	94.4	94.5	96.0	96.6	96.7	97.7	97.8	99.1	100.0
	47.2	88.5	89.8	90.6	91.7	92.0	93.7	94.4	94.5	96.0	96.6	96.7	97.7	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 2139

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

7 736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

33.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
33.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
34.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
34.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
34.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
34.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
37.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
38.8	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
40.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
45.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
46.3	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
50.6	76.3	76.3	76.3	76.9	76.9	76.9	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
50.6	78.1	78.1	78.1	78.8	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
55.0	84.4	84.4	84.4	85.0	85.0	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
55.0	84.4	84.4	84.4	85.6	85.6	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
55.0	85.6	85.6	85.6	87.5	87.5	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
55.0	85.6	85.6	85.6	87.5	87.5	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
55.0	86.3	86.3	86.3	88.1	88.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
55.0	86.3	86.3	86.3	88.1	88.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
55.0	86.9	86.9	86.9	90.0	90.0	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
55.0	86.9	86.9	86.9	90.6	90.6	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	91.9	92.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	95.0	95.0
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	95.0	95.0
55.0	86.9	86.9	86.9	91.9	92.5	93.1	93.8	93.8	93.8	95.6	95.6	95.6	95.6	95.6	96.3	96.3
55.0	87.5	87.5	87.5	92.5	93.1	93.8	94.4	94.4	96.3	96.3	96.3	96.3	96.3	96.9	96.9	
55.0	88.1	88.1	88.1	93.1	93.8	94.4	95.0	95.0	97.5	97.5	97.5	97.5	97.5	98.1	98.1	
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	99.4	
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	100.0	
55.0	88.8	88.8	88.8	93.8	94.4	95.0	95.6	95.6	98.8	98.8	98.8	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 160

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

33.5	44.0	44.0	44.3	45.0	45.0	45.0	45.0	45.0	45.0	45.2	45.2	45.5	45.5	45.5	45.5	
33.7	44.7	44.7	45.0	45.7	45.7	45.7	45.7	45.7	45.7	46.0	46.0	46.2	46.2	46.2	46.2	
35.2	46.5	46.5	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9	
35.2	46.5	46.5	46.7	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9	
35.5	46.7	46.7	46.9	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	48.2	48.2	48.2	48.2	
36.2	48.9	48.9	49.1	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.4	50.4	50.4	50.4	
37.4	50.6	50.6	50.9	51.6	51.6	51.6	51.6	51.6	51.6	51.8	51.8	52.1	52.1	52.1	52.1	
38.1	52.6	52.6	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.8	53.8	54.0	54.0	54.0	54.0	
39.1	54.8	54.8	55.0	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0	56.2	56.2	56.2	56.2	
43.3	63.8	63.8	64.1	65.0	65.0	65.0	65.0	65.0	65.0	65.3	65.3	65.5	65.5	65.5	65.5	
44.3	68.0	68.0	68.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.7	69.7	69.7	69.7	
47.4	74.8	74.8	75.1	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.5	76.5	76.5	76.5	
48.4	75.8	75.8	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3	77.3	77.5	77.5	77.5	77.5	
50.9	79.5	79.5	79.7	80.7	80.7	80.7	80.7	80.7	80.9	81.2	81.2	81.4	81.4	81.4	81.4	
51.8	80.7	80.7	80.9	82.2	82.2	82.2	82.2	82.2	82.4	82.6	82.6	82.9	82.9	82.9	82.9	
51.8	82.6	82.6	82.9	84.8	84.8	84.8	84.8	84.8	85.1	85.3	85.3	85.6	85.6	85.6	85.6	
51.8	83.1	83.1	83.4	85.3	85.3	85.3	85.3	85.3	85.6	85.8	85.8	86.1	86.1	86.1	86.1	
52.1	84.1	84.6	85.1	87.0	87.0	87.0	87.0	87.0	87.3	87.5	87.5	87.8	87.8	87.8	87.8	
52.1	84.4	84.8	85.3	87.3	87.3	87.3	87.3	87.3	87.5	87.8	87.8	88.0	88.0	88.0	88.0	
52.1	85.6	86.1	86.6	89.2	89.7	90.5	90.5	90.5	91.0	91.2	91.2	91.4	91.4	91.4	91.4	
52.1	85.6	86.1	86.6	89.2	89.7	90.7	91.0	91.0	91.4	91.7	91.7	91.9	91.9	91.9	91.9	
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4	
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4	
52.1	85.6	86.1	86.6	89.7	90.2	91.2	91.4	91.4	91.9	92.2	92.2	92.4	92.4	92.4	92.4	
52.1	86.1	86.6	87.0	90.2	90.7	91.7	91.9	92.2	92.9	93.2	93.2	93.4	93.4	93.9	93.9	
52.1	86.3	86.8	87.3	90.7	91.2	92.2	92.4	92.7	93.4	93.9	93.9	94.1	94.1	94.6	94.6	
52.1	86.3	86.8	87.3	90.7	91.2	92.7	93.2	93.4	94.9	95.4	95.4	95.8	95.8	96.3	96.3	
52.1	87.0	87.8	88.3	91.7	92.2	93.6	94.4	94.6	96.6	97.1	97.1	97.6	97.6	98.0	98.0	
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	97.6	98.0	98.0	98.5	98.5	99.3	99.5	
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0	
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0	
52.1	87.8	88.5	89.0	92.4	92.9	94.4	95.1	95.6	98.0	98.5	98.5	99.0	99.0	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 409

GL AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

36.9	45.6	45.6	45.6	45.9	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.6	46.6	46.8	46.8
38.4	47.8	47.8	47.8	48.0	48.0	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9
40.2	50.4	50.4	50.4	50.6	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.5	51.5
40.2	50.8	50.8	50.8	51.1	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.8	51.8	52.0	52.0
40.2	51.1	51.1	51.1	51.3	51.3	51.8	51.8	51.8	51.8	51.8	51.8	52.0	52.0	52.2	52.2
41.4	52.7	52.7	52.7	52.9	52.9	53.4	53.4	53.4	53.4	53.4	53.4	53.6	53.6	53.9	53.9
41.6	52.9	52.9	52.9	53.2	53.2	53.6	53.9	53.9	53.9	54.1	54.1	54.6	54.6	54.8	54.8
42.6	54.6	54.6	54.6	54.8	54.8	55.3	55.5	55.5	55.5	55.8	55.8	56.2	56.2	56.5	56.5
43.3	57.4	57.4	57.4	57.6	57.6	58.1	58.4	58.4	58.4	58.6	58.6	59.1	59.1	59.3	59.3
48.0	66.1	66.1	66.1	66.4	66.4	66.8	67.1	67.1	67.1	67.3	67.3	67.8	67.8	68.0	68.0
49.4	70.6	70.6	70.6	70.8	70.8	71.3	[illegible]	71.5	[illegible]	71.8	71.8	72.2	72.2	72.5	72.5
51.8	74.8	74.8	75.3	75.5	75.5	76.0	[illegible]	76.2	[illegible]	76.5	76.5	76.9	76.9	77.2	77.2
54.1	77.9	77.9	78.4	78.6	78.6	79.2	[illegible]	79.3	79.3	79.5	79.5	80.0	80.0	80.2	80.2
56.1	84.0	84.0	84.5	84.7	84.7	85.2	85.4	85.4	85.4	85.6	85.6	86.1	86.1	86.4	86.4
58.4	84.2	84.5	85.2	85.4	85.4	85.9	86.1	86.1	86.1	86.4	86.4	86.8	86.8	87.1	87.1
58.4	84.7	85.4	86.1	87.5	87.5	89.0	88.2	88.2	88.2	88.5	88.5	88.9	88.9	89.2	89.2
59.1	85.4	86.1	86.8	88.7	88.7	89.2	89.4	89.4	89.4	89.6	89.6	90.1	90.1	90.4	90.4
59.3	85.9	86.6	87.3	89.6	89.6	90.1	90.4	90.4	90.4	90.6	90.6	91.1	91.1	91.3	91.3
59.3	85.9	86.6	87.3	89.6	89.6	90.1	90.4	90.4	90.4	90.6	90.6	91.1	91.1	91.3	91.3
59.5	87.1	87.8	88.5	90.8	90.8	91.5	91.8	91.8	91.8	92.0	92.0	92.5	92.5	92.7	92.7
59.5	87.1	87.8	88.5	90.8	90.8	91.5	91.8	91.8	91.8	92.0	92.0	92.5	92.5	92.7	92.7
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.1	94.1	94.6	94.6	94.8	94.8
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.8	94.8	95.3	95.3	95.5	95.5
59.5	88.2	88.9	90.1	92.5	92.5	93.2	93.9	93.9	93.9	94.8	94.8	95.3	95.3	95.5	95.5
59.5	88.2	88.9	90.1	92.5	92.9	93.9	94.6	94.6	94.8	95.8	95.8	96.2	96.2	96.5	96.5
59.5	88.2	88.9	90.1	92.5	92.9	93.9	94.6	94.6	94.8	96.0	96.0	96.5	96.5	96.7	96.7
59.5	88.2	88.9	90.1	92.5	92.9	93.9	95.3	95.3	96.2	97.4	97.4	98.1	98.1	98.6	99.1
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	98.8	98.8	99.3	99.6
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	98.8	98.8	99.3	99.5
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0
59.5	88.5	89.2	90.4	92.7	93.2	94.1	95.5	95.5	96.7	97.9	97.9	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 425

USAF ETAC [illegible] OF A [illegible]

SECTION CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

39.4	44.6	44.8	44.8	45.1	45.1	45.3	45.3	45.3	45.3	45.3	45.3	45.8	46.0	46.0	46.0
42.0	47.7	47.7	47.7	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.6	48.8	48.8	48.8
43.9	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.9	51.2	51.2	51.2
43.9	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.9	51.2	51.2	51.2
44.8	50.9	50.9	50.9	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.8	52.1	52.1	52.1
46.0	52.3	52.3	52.3	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.3	53.5	53.5	53.5
47.9	54.9	54.9	54.9	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.9	56.1	56.1	56.1
49.5	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	58.2	58.5	58.5	58.5
52.8	62.2	62.2	62.4	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	63.4	63.6	63.6	63.6
57.0	68.8	68.8	69.0	69.2	69.2	69.7	69.7	69.7	69.7	69.7	69.7	70.2	70.4	70.4	70.4
58.0	72.8	72.8	73.0	73.2	73.2	73.7	73.7	73.7	73.7	73.7	73.7	74.2	74.4	74.4	74.4
60.1	77.7	77.9	78.4	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.8	80.0	80.0	80.0
62.7	81.7	81.9	82.4	82.6	82.6	83.3	83.3	83.3	83.3	83.3	83.3	83.8	84.0	84.0	84.0
65.0	85.0	85.4	86.2	86.4	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.6	87.8	87.8	87.8
66.7	86.6	87.1	87.8	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.4	89.7	89.7	89.7
67.4	87.8	89.0	89.9	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	92.0	92.3	92.3	92.3
67.4	87.8	89.4	90.4	91.1	91.1	91.8	91.8	91.8	91.8	91.8	91.8	92.5	92.7	92.7	92.7
67.4	88.0	89.7	90.6	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	93.0	93.2	93.2	93.2
67.4	88.0	89.7	90.6	91.5	91.5	92.3	92.3	92.3	92.3	92.3	92.3	93.0	93.2	93.2	93.2
67.6	90.1	91.8	92.7	93.7	93.7	94.6	94.6	94.6	94.6	94.8	94.8	95.5	95.8	95.8	95.8
67.6	90.1	91.8	92.7	93.7	93.7	95.3	95.3	95.3	95.3	95.5	95.5	96.2	96.5	96.5	96.5
67.6	90.1	91.8	92.7	93.9	94.1	95.8	95.8	95.8	95.8	96.2	96.2	96.9	97.2	97.2	97.2
67.6	90.1	91.8	92.7	93.9	94.1	95.8	95.8	95.8	95.8	96.5	96.5	97.2	97.4	97.4	97.4
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.2	97.2	97.9	98.1	98.1	98.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.4	98.6	98.8	99.1
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.4	98.6	98.8	99.5
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0
67.6	90.1	91.8	92.7	93.9	94.1	95.8	96.2	96.2	96.2	97.4	97.4	98.8	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 426

USAFETAC [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

L AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 736 FT RICHARDSON AK 77-82 FEB

1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

36.6	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
39.5	45.3	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
40.2	46.7	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
40.4	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
41.2	48.2	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
43.1	50.8	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
47.2	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
48.7	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	58.1	58.1	58.1
52.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
57.4	70.0	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
59.1	74.1	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
61.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
63.0	81.1	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
66.1	86.7	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
67.8	89.3	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
68.8	91.3	92.3	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
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	91.5	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
68.8	92.0	93.2	93.7	93.7	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
68.8	92.3	93.5	94.2	94.2	94.2	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
68.8	92.3	93.5	94.2	94.4	94.4	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.1	97.1	97.1	97.3	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.3	97.3	97.3	97.6	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.6	96.6	96.9	97.3	97.3	97.3	98.1	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	99.8	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0	
68.8	92.3	93.5	94.2	94.4	94.4	95.2	96.1	96.4	96.9	96.9	97.1	97.6	97.6	97.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 413

[illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible]36 FT RICHARDSON AK 77-80 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

36.9	48.9	49.1	49.1	49.4	49.4	49.4	49.4	49.4	49.4	49.7	49.7	50.0	50.0	50.0	50.0	
38.1	50.0	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	51.4	51.4	52.0	52.0	52.0	52.0	
40.1	52.0	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	53.4	53.4	54.0	54.0	54.0	54.0	
40.3	54.0	54.3	54.3	54.5	54.5	54.5	54.5	54.5	54.5	55.4	55.4	56.0	56.0	56.0	56.0	
41.5	55.1	55.4	55.4	55.7	55.7	55.7	55.7	55.7	55.7	56.5	56.5	57.1	57.1	57.1	57.1	
42.9	58.0	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	59.4	59.4	59.9	59.9	59.9	59.9	
45.5	60.8	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	62.2	62.2	62.8	62.8	62.8	62.8	
47.7	63.4	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	64.8	64.8	65.3	65.3	65.3	65.3	
50.0	65.6	65.9	65.9	66.2	66.2	66.2	66.2	66.2	66.2	67.0	67.0	67.6	67.6	67.6	67.6	
53.1	70.2	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	71.6	71.6	72.2	72.2	72.2	72.2	
53.4	72.7	73.0	73.3	74.1	74.1	74.1	74.1	74.1	74.1	75.0	75.0	75.6	75.6	75.6	75.6	
56.0	79.3	80.1	80.4	81.3	81.3	81.3	81.3	81.3	81.3	82.1	82.1	82.7	82.7	82.7	82.7	
56.5	81.0	81.8	82.1	83.0	83.0	83.0	83.0	83.0	83.0	83.8	83.8	84.4	84.4	84.4	84.4	
59.9	87.2	89.1	89.4	89.2	89.2	89.2	89.5	89.5	89.5	90.3	90.3	90.9	90.9	90.9	90.9	
61.1	88.9	89.8	90.1	90.9	90.9	90.9	91.2	91.2	91.2	92.0	92.0	92.6	92.6	92.6	92.6	
61.9	90.3	91.2	91.5	92.3	92.3	92.3	92.6	92.6	92.6	93.5	93.5	94.0	94.0	94.0	94.0	
61.9	90.6	91.5	92.0	92.9	92.9	92.9	93.2	93.2	93.2	94.0	94.0	94.6	94.6	94.6	94.6	
61.9	90.9	91.8	92.3	93.2	93.2	93.2	93.5	93.5	93.5	94.3	94.3	94.9	94.9	94.9	94.9	
61.9	90.9	91.8	92.3	93.2	93.2	93.2	93.5	93.5	93.5	94.3	94.3	94.9	94.9	94.9	94.9	
61.9	91.2	92.0	92.6	93.8	93.8	93.8	94.0	94.0	94.0	94.9	94.9	95.5	95.5	95.5	95.5	
61.9	91.8	92.6	93.2	94.3	94.3	94.3	94.6	94.6	94.6	95.5	95.5	96.0	96.0	96.0	96.0	
61.9	92.3	93.2	93.8	95.2	95.2	95.2	95.5	95.5	95.5	96.3	96.3	96.9	96.9	96.9	96.9	
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4	
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4	
61.9	92.3	93.2	93.8	95.7	95.7	95.7	96.0	96.0	96.0	96.9	96.9	97.4	97.4	97.4	97.4	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	96.3	97.2	97.2	97.7	97.7	97.7	97.7	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	98.9	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	98.9	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	99.4	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	99.7	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	100.0	
61.9	92.3	93.2	93.8	96.0	96.0	96.0	96.3	96.3	97.2	98.0	98.0	98.9	98.9	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 352

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]736 FT RICHARDSON AK 77-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

36.4	45.2	45.2	45.3	45.5	45.5	45.7	45.7	45.7	45.7	45.8	45.8	46.0	46.0	46.1	46.1	
38.0	47.1	47.2	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.8	47.8	48.1	48.1	48.2	48.2	
39.5	49.0	49.1	49.2	49.4	49.4	49.6	49.6	49.6	49.6	49.7	49.7	50.0	50.1	50.1	50.1	
39.6	49.5	49.6	49.6	49.9	49.9	50.0	50.0	50.0	50.0	50.2	50.2	50.5	50.5	50.6	50.6	
40.2	50.2	50.3	50.3	50.6	50.6	50.8	50.8	50.8	50.8	50.9	50.9	51.2	51.3	51.3	51.3	
41.4	52.3	52.4	52.4	52.7	52.7	52.8	52.8	52.8	52.8	53.0	53.0	53.3	53.3	53.4	53.4	
43.4	54.7	54.8	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.5	55.5	55.8	55.9	55.9	55.9	
44.8	57.0	57.1	57.1	57.4	57.4	57.5	57.6	57.6	57.6	57.8	57.8	58.1	58.2	58.2	58.2	
47.0	60.5	60.6	60.7	61.0	61.0	61.1	61.1	61.1	61.1	61.4	61.4	61.7	61.7	61.8	61.8	
51.3	67.8	67.9	68.0	68.3	68.3	68.5	68.5	68.5	68.5	68.7	68.7	69.1	69.1	69.2	69.2	
52.4	71.5	71.6	71.7	72.1	72.1	72.3	72.4	72.4	72.4	72.6	72.6	72.9	73.0	73.0	73.0	
55.1	77.1	77.4	77.7	78.2	78.2	78.4	78.5	78.5	78.5	78.7	78.7	79.0	79.1	79.1	79.1	
56.5	79.4	79.7	80.0	80.4	80.4	80.6	80.7	80.7	80.7	81.0	81.0	81.3	81.3	81.4	81.4	
59.7	84.4	84.8	85.1	85.6	85.6	85.9	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.7	86.7	
60.7	85.8	86.2	86.6	87.2	87.2	87.5	87.6	87.6	87.6	87.9	87.9	88.2	88.2	88.3	88.3	
61.2	87.1	87.8	88.3	89.4	89.4	89.7	89.8	89.8	89.8	90.1	90.1	90.4	90.5	90.5	90.5	
61.3	87.5	88.3	88.8	90.0	90.0	90.3	90.4	90.4	90.4	90.7	90.7	91.0	91.1	91.1	91.1	
61.4	87.9	88.8	89.4	90.7	90.7	90.9	91.1	91.1	91.1	91.4	91.4	91.7	91.8	91.8	91.8	
61.4	87.9	88.8	89.4	90.7	90.7	91.0	91.1	91.1	91.2	91.4	91.4	91.8	91.8	91.9	91.9	
61.5	89.0	89.9	90.5	92.0	92.1	92.7	92.9	92.9	93.0	93.3	93.3	93.6	93.7	93.7	93.7	
61.5	89.1	90.0	90.7	92.3	92.4	93.1	93.5	93.5	93.5	93.8	93.8	94.2	94.2	94.3	94.3	
61.5	89.4	90.3	91.1	93.0	93.1	93.9	94.4	94.4	94.5	94.8	94.8	95.2	95.2	95.3	95.3	
61.5	89.4	90.3	91.1	93.1	93.2	94.1	94.5	94.6	94.6	95.1	95.1	95.5	95.6	95.6	95.6	
61.5	89.4	90.3	91.1	93.1	93.2	94.1	94.6	94.6	94.7	95.3	95.3	95.7	95.7	95.8	95.8	
61.5	89.5	90.4	91.2	93.2	93.5	94.3	94.9	95.0	95.2	95.8	95.8	96.2	96.2	96.4	96.4	
61.5	89.6	90.5	91.2	93.3	93.6	94.5	95.0	95.1	95.4	96.0	96.1	96.5	96.5	96.7	96.8	
61.5	89.6	90.5	91.2	93.3	93.6	94.6	95.3	95.4	96.2	96.8	96.9	97.5	97.6	97.8	98.0	
61.5	89.8	90.8	91.5	93.6	93.9	94.8	95.6	95.7	96.6	97.3	97.3	98.0	98.1	98.4	98.7	
61.5	90.0	90.9	91.7	93.8	94.1	95.0	95.8	95.9	96.9	97.6	97.7	98.4	98.5	98.8	99.6	
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	99.9	
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	100.0	
61.5	90.0	91.0	91.7	93.8	94.1	95.1	95.8	96.0	97.1	97.8	97.8	98.7	98.7	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 2185

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

.736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

27.2	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	39.5	39.5	
27.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	40.4	40.4	
28.1	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	41.7	41.7	
28.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	42.1	42.1	
28.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	43.0	43.0	
29.4	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	43.9	43.9	
29.4	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	46.9	46.9	
29.4	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	47.4	47.4	
31.1	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	51.8	51.8	
36.8	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	59.6	59.6	
39.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.9	64.9	
43.9	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	73.2	73.2	
47.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.6	77.6	
50.9	84.6	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	86.4	86.4	
52.2	86.8	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	88.6	88.6	
52.6	88.2	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.9	89.9	
53.5	89.5	89.9	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.7	91.7	
53.9	90.8	91.2	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	93.0	93.0	
53.9	90.8	91.2	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	93.0	93.0	
54.8	92.5	93.4	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.6	95.6	
54.8	92.5	93.4	94.7	94.7	94.7	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	96.5	96.5	
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2	
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2	
54.8	93.9	94.7	96.1	96.1	96.1	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	98.2	98.2	
54.8	94.3	95.6	96.9	96.9	96.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.1	99.1	
54.8	94.3	95.6	96.9	96.9	96.9	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	99.1	99.1	
54.8	94.7	96.1	97.4	97.4	97.4	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.6	99.6	
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	
54.8	95.2	96.5	97.8	97.8	97.8	98.2	99.1	99.1	99.1	99.1	99.1	99.1	99.1	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 228

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

24.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.1	37.1
25.0	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1
26.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2
26.3	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	40.8	40.8
27.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.5	41.5
27.7	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5
28.7	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	46.2	46.2
29.0	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.7	46.7
31.2	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	52.5	52.5
34.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.7	57.7
37.9	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	62.5	62.5
43.5	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.9	72.9
46.3	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.3	77.3
48.8	82.9	82.9	83.1	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	84.2	84.2
50.7	85.8	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	87.3	87.3
51.3	88.5	88.5	88.8	89.8	89.8	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.8	90.8
51.3	90.0	90.0	90.6	91.7	91.7	91.7	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.7	92.7
51.3	90.4	90.8	91.5	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2
51.3	90.4	90.8	91.5	92.9	92.9	93.1	93.1	93.1	93.5	93.5	93.5	93.7	93.7	94.2	94.2
51.3	91.0	91.5	92.9	94.4	94.8	95.0	95.2	95.2	96.3	96.7	96.7	96.9	96.9	97.5	97.5
51.3	91.0	91.5	92.9	94.8	95.2	95.4	95.6	95.6	96.7	97.1	97.1	97.3	97.3	97.9	97.9
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.3	97.7	97.7	97.9	97.9	98.5	98.5
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.3	97.7	97.7	97.9	97.9	98.5	98.5
51.3	91.2	91.9	93.3	95.4	95.8	96.0	96.2	96.2	97.5	97.9	97.9	98.1	98.1	98.7	98.7
51.3	91.2	91.9	93.3	95.4	95.8	96.2	96.5	96.5	97.9	98.3	98.3	98.5	98.5	99.0	99.0
51.3	91.2	91.9	93.3	95.4	95.8	96.2	96.5	96.5	97.9	98.3	98.3	98.5	98.5	99.0	99.2
51.3	91.3	92.1	93.5	95.6	96.0	96.3	96.7	96.7	98.1	98.5	98.5	98.7	98.7	99.2	99.4
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0
51.3	91.9	92.7	94.0	96.2	96.5	96.9	97.3	97.3	98.7	99.0	99.0	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 520

USAF ETAC [illegible] ARE OBSOLETE

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

*

[illegible]736 FT RICHARDSON AK 77-87 MAR

1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

27.8	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
31.6	43.0	43.0	43.0	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
32.3	45.6	45.6	45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
32.3	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
32.7	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
33.3	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
35.6	53.0	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
35.7	54.0	54.0	54.0	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
37.8	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	59.1
41.4	63.7	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
43.7	67.7	67.7	67.7	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
48.1	75.5	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
51.0	78.7	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
53.2	83.8	84.2	84.4	84.4	84.6	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
54.7	86.9	87.[illegible]	87.6	87.6	87.8	88.0	88.0	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
55.9	88.8	89.5	89.9	90.3	90.5	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
56.8	90.3	91.4	91.8	92.8	93.3	93.5	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
56.8	91.1	92.0	93.0	93.9	94.5	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
56.8	91.1	92.2	93.0	93.9	94.5	94.7	94.7	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
56.8	91.1	92.2	93.3	94.5	95.4	95.8	95.8	95.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
56.8	91.1	92.2	93.3	94.5	95.4	95.8	95.8	95.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	97.9	98.1	98.3	98.3	98.3	98.3	98.3	98.3
56.8	91.1	92.2	93.3	94.7	95.6	96.4	96.4	96.4	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
56.8	91.1	92.2	93.3	94.7	95.6	96.6	96.6	96.6	98.7	99.0	99.2	99.6	99.6	99.6	99.6	99.6
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0
56.8	91.1	92.4	93.5	94.9	95.8	97.0	97.0	97.0	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 526

AFETAC [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

30.3	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
33.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
36.6	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	
37.6	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
38.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
39.3	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
42.7	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	
42.7	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	58.0	58.0	
45.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
49.0	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
51.1	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	71.0	
56.9	81.1	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	
58.2	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	
59.5	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
61.3	89.3	89.7	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	
62.2	91.4	92.0	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
62.2	92.4	92.9	93.3	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
62.4	92.6	93.1	93.5	94.1	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
62.4	92.6	93.1	93.5	94.1	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
62.4	92.6	93.5	94.1	95.0	95.4	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	
62.4	92.6	93.5	94.1	95.0	95.4	95.6	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
62.4	92.6	93.5	94.1	95.2	95.6	95.8	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
62.4	92.6	93.9	94.5	95.6	96.0	96.4	97.1	97.1	97.5	97.5	97.5	97.7	97.7	97.7	97.7	
62.4	92.6	93.9	94.5	95.6	96.0	96.6	97.3	97.3	97.7	97.7	97.7	97.9	97.9	97.9	97.9	
62.4	92.6	93.9	94.5	95.6	96.0	96.6	97.5	97.5	98.1	98.1	98.1	98.7	98.7	98.7	98.7	
62.4	92.6	93.9	94.5	95.6	96.2	96.8	97.7	97.7	98.3	98.3	98.3	98.9	98.9	98.9	98.9	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	98.5	98.5	98.5	99.2	99.2	99.4	99.4	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	98.7	98.7	98.7	99.4	99.4	99.6	99.6	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0	
62.4	92.6	93.9	94.5	95.6	96.4	96.9	97.9	97.9	99.0	99.0	99.0	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

30.7	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
33.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
37.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
37.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
38.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
41.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.6	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
44.9	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	58.0
47.7	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	63.6
51.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
54.9	72.0	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
62.6	83.1	83.1	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
64.8	86.2	86.2	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
67.1	89.7	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
67.9	92.0	92.0	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
68.5	92.6	93.0	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
68.9	93.6	94.0	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
69.1	94.6	94.9	95.7	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
69.1	94.7	95.1	95.9	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
69.1	94.7	95.1	95.9	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
69.1	94.9	95.3	96.1	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
69.1	94.9	95.3	96.1	97.5	97.9	97.9	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
69.1	94.9	95.3	96.1	97.5	97.9	97.9	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
69.1	94.9	95.3	96.1	97.5	98.1	98.1	98.2	98.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0
69.1	95.1	95.5	96.3	97.7	98.2	98.2	98.4	98.4	99.6	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 514

[illegible] DATA [illegible] ARE PRESENTED

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-80 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

26.3	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
28.5	41.0	41.1	41.0	41.2	41.2	41.2	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	
31.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
32.2	46.4	46.4	46.4	46.6	46.6	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
32.2	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
34.1	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
37.8	53.5	53.5	53.8	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
38.5	54.7	54.7	54.7	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	
42.4	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
46.9	68.0	68.0	68.0	68.2	68.2	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
49.7	71.7	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
55.3	80.2	80.5	80.5	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
57.6	83.4	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	
59.9	86.1	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
60.3	87.7	88.4	88.4	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
61.1	91.3	91.9	91.9	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
61.1	91.5	92.1	92.1	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	
61.1	92.1	92.9	92.9	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
61.1	92.7	93.6	93.6	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
61.1	92.9	93.8	93.8	95.4	95.4	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
61.1	93.3	94.2	94.2	95.8	95.8	95.8	95.8	95.8	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
61.1	93.3	94.8	94.8	96.7	96.7	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
61.1	93.3	94.8	94.8	96.7	96.7	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
61.1	93.3	94.8	94.8	97.3	97.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
61.1	93.3	94.8	94.8	97.3	97.3	97.5	97.5	97.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4	
61.1	93.3	94.8	95.0	97.5	97.5	97.7	97.7	97.7	98.8	99.2	99.2	99.4	99.4	99.4	99.4	
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.6	99.6	
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.8	99.8	
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.4	99.4	99.6	99.6	99.8	99.8	
61.1	93.3	94.8	95.2	97.7	97.7	97.9	97.9	97.9	99.0	99.6	99.6	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 481

USAF ETAC FORM 0-8-5, OL A, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

/ 2736 FT RICHARDSON AK 77-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

28.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.2	
30.1	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9	
32.4	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	44.4	44.4	
32.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3	
33.4	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.1	46.1	
34.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	
37.2	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.1	53.1	
37.5	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	
40.0	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.2	59.2	
43.9	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	
46.7	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	
52.5	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	
54.9	81.1	81.3	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.8	81.8	
57.1	85.5	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.6	86.6	
58.3	88.2	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.4	89.4	
59.2	90.3	90.8	91.2	91.7	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.2	92.2	
59.5	91.4	91.9	92.3	93.1	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.7	93.7	
59.6	92.0	92.7	93.2	94.1	94.3	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.9	94.9	
59.6	92.2	92.9	93.3	94.2	94.4	94.5	94.6	94.6	94.8	94.8	94.8	94.9	94.9	95.1	95.1	
59.7	92.4	93.2	94.0	95.1	95.5	95.6	95.7	95.7	96.3	96.5	96.5	96.5	96.5	96.7	96.7	
59.7	92.6	93.3	94.2	95.3	95.7	95.8	96.1	96.1	96.7	96.8	96.8	96.9	96.9	97.1	97.1	
59.7	92.7	93.6	94.5	95.9	96.3	96.5	96.8	96.8	97.5	97.6	97.6	97.7	97.7	97.9	97.9	
59.7	92.7	93.7	94.5	96.0	96.3	96.7	96.9	96.9	97.6	97.7	97.8	97.9	97.9	98.0	98.0	
59.7	92.7	93.7	94.5	96.1	96.5	96.8	97.1	97.1	98.1	98.2	98.2	98.3	98.3	98.5	98.5	
59.7	92.7	93.8	94.6	96.1	96.5	97.0	97.3	97.3	98.4	98.5	98.6	98.7	98.7	98.9	98.9	
59.7	92.7	93.8	94.6	96.2	96.6	97.1	97.4	97.4	98.5	98.6	98.7	98.8	98.8	99.0	99.0	
59.7	92.8	93.9	94.7	96.3	96.8	97.2	97.6	97.6	98.7	98.9	99.0	99.2	99.2	99.5	99.5	
59.7	93.0	94.1	94.9	96.5	97.0	97.4	97.8	97.8	98.9	99.2	99.2	99.5	99.5	99.7	99.7	
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	99.9	
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	99.9	
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.3	99.4	99.6	99.6	99.9	100.0	
59.7	93.0	94.1	95.0	96.5	97.0	97.5	97.8	97.8	99.1	99.4	99.4	99.7	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 2793

GL AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

23.2	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	36.5
23.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
24.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
24.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
24.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
26.2	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	41.6	41.6	41.6
34.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
35.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
40.3	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	59.7
44.6	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
46.4	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
51.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
52.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
57.9	86.3	86.3	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
58.4	88.4	88.8	89.3	89.7	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
59.7	90.1	91.0	91.4	91.8	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
60.1	91.0	91.8	92.7	93.1	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
60.5	91.4	92.7	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
60.5	91.4	92.7	93.6	94.0	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
60.5	91.4	92.7	93.6	94.4	94.8	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
60.5	91.4	92.7	93.6	94.8	95.3	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
60.5	91.4	93.1	94.0	95.3	95.7	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
60.5	91.4	93.1	94.0	95.3	95.7	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
60.5	91.8	93.6	94.4	95.7	96.1	96.6	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
60.5	91.8	93.6	94.4	95.7	96.1	96.6	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
60.5	91.8	93.6	94.8	96.1	96.6	97.0	97.4	97.4	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0
60.5	91.8	93.6	95.7	97.0	97.4	98.3	98.7	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 233

AF FORM 45 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

29.0	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
32.9	47.6	47.6	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
35.1	50.0	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
35.1	50.2	50.2	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
35.3	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
37.1	52.2	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
41.6	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
43.1	63.1	63.1	63.1	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
46.3	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
49.2	70.0	70.0	70.0	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
51.4	72.9	72.9	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
55.9	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
58.2	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
61.4	85.3	85.7	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
63.5	88.6	89.0	89.0	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
64.1	90.4	91.0	91.0	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
64.5	90.8	91.4	91.6	92.9	92.9	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
64.9	91.6	92.2	92.7	94.1	94.1	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
64.9	91.6	92.2	92.7	94.1	94.1	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
64.9	91.6	92.4	92.9	94.3	94.3	94.7	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
65.1	91.8	92.9	93.5	94.9	94.9	95.3	95.5	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
65.1	91.8	93.9	94.5	95.9	95.9	96.3	96.5	96.7	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.3	97.3	97.6	97.6	97.6	97.6	97.6
65.1	92.0	94.1	94.7	96.1	96.1	96.5	96.7	96.9	97.1	97.6	98.0	98.2	98.2	98.2	98.2	98.2
65.3	92.2	94.3	95.1	96.9	96.9	97.3	97.6	97.8	98.0	98.4	98.8	99.0	99.0	99.0	99.0	99.0
65.3	92.2	94.5	95.3	97.3	97.3	97.8	98.0	98.2	98.4	98.8	99.2	99.4	99.4	99.4	99.4	99.4
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0
65.3	92.2	94.5	95.3	97.6	97.6	98.0	98.4	98.6	98.8	99.4	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

...736 FT RICHARDSON AK 77-87 APR 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

32.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
36.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
39.3	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	52.6	52.6
39.3	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	52.6	52.6
39.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
42.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
45.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
47.2	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
50.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
53.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
55.9	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
61.1	83.1	83.3	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
62.3	84.9	85.1	85.1	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
64.7	87.9	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
67.1	90.7	91.1	91.1	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
67.5	91.7	92.1	92.1	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
68.5	92.7	93.3	93.3	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
69.2	93.5	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
69.2	93.8	94.4	94.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
69.4	94.4	95.2	95.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
69.8	95.0	96.1	96.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6
69.8	95.6	96.6	96.8	98.6	98.6	98.6	98.6	98.6	98.8	99.0	99.2	99.6	99.6	99.6	99.6	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	
69.8	95.6	96.6	96.8	99.0	99.0	99.0	99.0	99.0	99.2	99.4	99.6	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 496

...SAF ETAC ... ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

29.5	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
35.4	44.0	44.0	44.0	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
39.4	48.9	48.9	48.9	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
39.6	49.1	49.1	49.1	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
40.8	50.5	50.5	50.5	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
41.4	51.5	51.5	51.5	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
46.5	58.8	58.8	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
47.5	61.0	61.0	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
50.3	65.9	65.9	65.9	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
56.2	72.7	72.7	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
58.4	75.4	75.4	75.4	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
63.8	83.2	83.4	83.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
65.5	85.7	85.9	85.9	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
67.9	88.7	88.9	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
70.1	92.1	92.3	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
71.3	93.3	93.5	93.5	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
71.7	94.3	94.5	94.5	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
72.7	95.6	95.8	95.8	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
72.7	96.7	96.7	96.7	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
72.9	96.6	97.0	97.0	97.8	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6
72.9	96.6	97.2	97.2	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.6	99.6	99.6	99.6	99.6
72.9	96.6	97.4	97.4	98.2	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.8	99.8	99.8	99.8	
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
72.9	96.6	97.4	97.4	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]36 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

33.4	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
38.3	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
41.0	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
41.2	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	49.2	49.2
42.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.7	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
50.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
53.7	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	65.0	65.0	65.0
55.3	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	69.3	69.3	69.3
62.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
64.5	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
70.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
72.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
75.2	92.0	92.0	92.0	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
75.8	93.0	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
76.0	94.1	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
77.7	95.7	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
78.3	96.3	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
78.3	96.3	96.7	96.7	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
78.3	96.3	96.7	97.1	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.3	96.3	96.9	97.5	98.2	98.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
78.3	96.3	96.9	97.5	98.2	98.6	99.2	99.2	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 488

USAFETAC [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
2 A[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible]736 FT RICHARDSON AK 77-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1900-2000

32.3	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	42.4
37.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
39.8	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	51.9	51.9
40.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
40.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
41.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
50.3	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
54.1	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	69.2
57.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
62.9	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	79.8	79.8
65.1	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
66.4	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	86.8	86.8	86.8	86.8
68.6	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	87.0	87.0
72.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
73.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
73.2	92.1	92.5	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
74.3	93.4	94.1	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
74.3	93.8	94.5	95.2	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
74.3	93.8	94.5	95.2	95.4	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
74.3	93.8	94.5	95.2	95.6	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
74.3	93.8	94.5	95.2	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
74.3	93.8	94.5	95.2	95.8	96.3	97.1	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
74.3	93.8	94.5	95.2	95.8	96.3	97.1	97.1	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	97.8	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
74.3	93.8	94.5	95.2	95.8	96.5	97.6	97.6	98.0	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 455

[illegible]SAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-87 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

30.6	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
35.0	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
37.6	49.4	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
37.7	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
38.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
40.1	52.5	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
45.8	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
47.8	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
50.9	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	68.4
55.8	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
57.8	76.4	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
62.7	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
64.2	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
67.3	88.7	88.8	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
68.8	91.0	91.7	91.2	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
69.4	92.1	92.6	92.7	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
70.3	93.2	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
70.8	93.9	94.5	94.8	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
70.8	94.1	94.6	94.9	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
70.9	94.3	95.0	95.3	96.2	96.4	96.7	96.8	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.0
71.0	94.4	95.3	95.7	96.7	96.9	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
71.0	94.5	95.6	96.0	97.0	97.3	97.7	97.7	97.7	98.0	98.1	98.1	98.3	98.3	98.3	98.3
71.0	94.6	95.6	96.1	97.1	97.3	97.7	97.7	97.8	98.2	98.3	98.3	98.5	98.5	98.5	98.5
71.0	94.6	95.7	96.1	97.1	97.4	97.8	97.9	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6
71.0	94.6	95.7	96.1	97.1	97.4	97.9	98.0	98.0	98.6	98.6	98.6	98.9	98.9	98.9	98.9
71.0	94.6	95.7	96.2	97.3	97.6	98.1	98.2	98.3	98.8	98.9	99.1	99.4	99.4	99.4	99.4
71.1	94.7	95.7	96.3	97.6	97.9	98.5	98.5	98.6	99.2	99.4	99.5	99.8	99.8	99.8	99.8
71.1	94.7	95.8	96.4	97.7	98.0	98.5	98.6	98.7	99.3	99.4	99.6	99.9	99.9	99.9	99.9
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0
71.1	94.7	95.8	96.4	97.7	98.0	98.6	98.7	98.8	99.4	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2657

USAF ETAC [illegible] DATA [illegible] ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

26.4	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	
29.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	
31.2	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	
31.9	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	
32.2	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	
34.1	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
39.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	
42.8	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	54.0	54.0	
49.3	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
55.1	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	73.2	
58.0	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	
63.4	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
66.3	88.0	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	
68.8	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
70.7	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	
70.7	93.8	93.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
70.7	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
71.4	95.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
71.4	95.7	95.7	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
71.7	96.4	96.4	97.5	97.5	97.5	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
71.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
71.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
71.7	97.1	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
71.7	97.1	97.1	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.6	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0	
71.7	97.5	97.5	98.6	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 276

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] 736 FT RICHARDSON AK 77-87 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

27.5	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	
32.9	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	
35.3	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	39.2	39.2	
36.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
37.6	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	42.6	
38.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	
43.8	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	54.0	54.0	
46.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
51.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
58.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
60.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
65.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
67.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
68.3	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	
68.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
69.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
69.7	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
69.7	95.2	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	
69.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
70.7	96.6	96.8	97.2	97.2	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	
70.9	96.8	97.0	97.4	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
71.1	97.0	97.2	97.6	97.6	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
71.3	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
71.3	97.2	97.4	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
71.5	97.4	97.6	98.0	98.2	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
71.5	97.6	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
71.5	97.6	98.0	98.4	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
71.5	97.6	98.0	98.4	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	
71.5	97.8	98.2	98.6	99.0	99.2	99.4	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 498

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

22.3	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
29.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
31.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
33.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
33.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
36.7	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	44.0	44.0
41.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
43.8	55.8	55.8	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
50.2	63.9	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
56.0	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
60.0	78.3	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
66.7	86.3	86.3	86.3	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
69.3	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
70.7	92.0	92.0	92.0	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
71.5	94.0	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
72.5	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
72.5	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
72.5	97.4	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	97.6	97.6
72.5	97.4	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	97.6	97.6
73.1	98.0	98.0	98.0	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
73.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
73.1	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
73.1	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
73.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
73.1	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
73.1	98.4	99.0	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	98.4	99.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	98.4	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L GLOBAL CLIMATOLOGY BRANCH
...AFETAC
2 A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
23.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
24.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
25.5	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	31.7	31.7
26.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
30.2	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
38.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
43.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
46.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
53.2	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
55.2	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	73.1
63.7	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
66.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
69.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
71.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
72.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
72.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
73.1	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	98.2	98.2
73.1	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	98.2	98.2
73.1	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
73.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 498

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

17.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
23.0	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
24.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
24.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
26.1	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	32.7	32.7
32.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
39.5	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
44.2	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
50.2	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
57.4	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
58.2	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
64.6	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	86.2
67.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
72.2	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
73.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
73.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
73.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
73.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.
73.7	100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.	0100.

TOTAL NUMBER OF OBSERVATIONS 486

USAFETAC [illegible] OLA [illegible]

OL [illegible] CLIMATOLOGY BRANCH
[illegible]AFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible]2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

21.2	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
27.5	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
29.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
29.7	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	39.2	39.2	39.2
30.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
37.7	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
42.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
45.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
53.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
58.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
59.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
65.[illegible]	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
68.[illegible]	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
71.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
71.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
71.4	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
71.4	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
71.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
71.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
71.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
71.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
71.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 462

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

22.0	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
27.6	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
29.4	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
30.3	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
30.9	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
35.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
41.0	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	51.9
44.4	56.3	56.3	56.3	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
50.6	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
56.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
58.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
65.0	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
67.6	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
70.2	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
71.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
71.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
71.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
72.0	97.3	97.4	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	97.6
72.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
72.3	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
72.4	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
72.4	98.6	98.7	98.9	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
72.4	98.7	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
72.4	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
72.5	98.9	99.0	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
72.5	98.9	99.1	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
72.5	98.9	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
72.5	98.9	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
72.5	99.0	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2718

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

21.0	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
25.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
26.1	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
30.2	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
35.6	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
38.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
44.7	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
53.2	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
56.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
70.2	82.7	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
71.5	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
75.6	89.2	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
76.6	91.2	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
78.3	93.2	93.9	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
79.7	94.6	95.6	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
80.0	95.6	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.0	95.6	96.6	96.9	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
80.0	95.6	96.6	96.9	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
80.0	95.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
80.0	95.9	96.9	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
80.0	96.9	98.0	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
80.0	97.3	98.3	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 295

USAF ETAC [illegible] 0-4-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

24.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
28.3	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
28.9	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
29.5	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
29.7	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
33.6	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
41.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
44.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
52.4	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
60.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
63.1	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
69.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
72.2	85.8	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
75.3	89.5	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
77.5	92.0	92.6	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
78.4	93.6	94.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
80.0	95.1	95.7	96.1	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
80.6	95.7	96.3	96.7	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.6	95.7	96.5	96.9	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
81.2	96.3	97.1	97.5	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
81.2	96.3	97.1	97.5	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
81.2	96.5	97.7	98.1	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
81.2	96.7	97.9	98.3	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.4	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
81.2	96.9	98.1	98.6	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
81.2	96.9	98.1	98.6	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
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
81.2	96.9	98.3	98.8	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 515

USAF ETAC [illegible] 0-4145-1-OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

CEILING VERSUS VISIBILITY

...736 FT RICHARDSON AK 77-80 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

24.6	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
28.9	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
29.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
29.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
29.8	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
32.9	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
41.9	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	44.0
45.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
53.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
61.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
63.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
69.4	80.4	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
71.9	83.5	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
75.4	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
77.5	91.5	91.9	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
78.7	94.0	94.4	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
79.3	94.6	95.0	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
80.0	95.7	96.1	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
80.2	95.9	96.3	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
80.8	96.7	97.1	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
81.0	97.1	97.5	98.4	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
81.0	97.3	98.3	99.2	99.4	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
81.0	97.3	98.3	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

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

2

CEILING VERSUS VISIBILITY

...273A FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

23.1	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
27.3	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
28.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
28.7	30.5	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
28.9	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	31.0
32.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
40.5	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
44.0	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	47.1
52.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
57.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
59.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
66.5	79.5	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
67.6	81.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
72.1	88.0	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
74.8	92.6	93.8	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
75.8	94.6	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
76.4	95.2	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
76.4	95.7	97.1	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
76.6	96.1	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
76.6	96.9	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
77.1	97.5	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.1	97.5	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.1	97.7	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 516

...USAF ETAC ... UNITED ... METEOROLOGICAL ... ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7736 FT RICHARDSON AK 77-82 JUN

1 PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1500-1700

20.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
24.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
25.2	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
25.4	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
29.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
39.4	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	43.9
43.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
53.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
57.9	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	66.9	66.9
63.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
69.3	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
71.1	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
75.2	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
75.8	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
76.2	97.6	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	98.2
76.8	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
77.0	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
77.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 508

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

20.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	
22.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	
25.0	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	
25.0	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
25.4	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	
28.0	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
37.2	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	
39.8	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	45.9	
52.0	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	
59.1	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	
62.6	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
72.2	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
74.8	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
75.8	94.7	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
76.6	96.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
76.6	96.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
77.0	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	98.6	
77.4	97.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
77.4	97.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
77.6	97.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
77.6	97.8	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
77.6	97.8	99.2	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	
77.6	97.8	99.2	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	
78.0	98.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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	
78.0	98.2	99.6	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 492

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 736 FT RICHARDSON AK 77-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

22.4	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
26.1	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
27.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
27.5	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
27.7	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
31.2	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
39.7	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
42.9	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
52.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.7	66.5	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
61.5	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
69.5	83.3	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
71.5	86.3	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	86.8	86.8
74.8	91.0	91.6	91.7	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
76.5	93.6	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
77.3	95.1	95.9	96.1	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
78.1	96.0	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
78.4	96.6	97.4	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
78.5	96.7	97.6	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
78.8	97.2	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
78.9	97.4	98.3	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
78.9	97.5	98.7	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
78.9	97.6	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
79.0	97.7	98.9	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
79.0	97.7	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
79.0	97.7	98.9	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
79.0	97.7	98.9	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
79.0	97.8	99.0	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
79.0	97.8	99.0	99.5	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2842

CL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 .736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

21.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
25.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
26.6	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
28.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
31.5	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	35.3	35.3	35.3
34.6	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
38.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
46.4	52.9	52.9	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
49.1	56.1	56.1	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
56.4	66.1	66.4	67.5	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
59.5	70.9	71.3	72.3	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
64.4	77.2	77.5	78.5	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
66.8	80.3	80.6	81.7	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
68.2	82.4	82.7	83.7	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
68.5	84.1	84.4	85.5	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
69.6	86.2	86.5	87.9	90.0	90.0	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
69.9	86.5	86.9	88.6	90.7	90.7	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
70.2	87.5	87.9	89.6	91.7	91.7	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
71.3	88.9	89.3	91.0	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.3	91.7	93.4	95.5	95.8	96.2	96.9	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.0	91.7	92.4	94.1	96.2	96.9	97.6	98.3	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 289

USAF ETAC [illegible] 9-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 .736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

20.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	
24.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	
26.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
26.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	
26.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	
30.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
33.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
37.2	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	
43.9	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
50.1	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
52.8	58.5	58.5	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
61.4	70.8	71.9	72.7	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
63.5	74.5	75.6	76.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
65.9	77.8	79.1	79.9	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
66.3	78.8	80.1	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
68.6	83.0	84.4	85.2	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
69.4	85.4	87.3	88.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
70.0	86.7	88.9	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
70.0	86.7	88.9	89.7	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
70.6	87.9	90.3	91.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
70.8	89.9	92.2	93.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	
71.2	91.2	93.6	94.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	
71.2	91.4	93.8	94.5	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
71.2	91.6	94.0	94.9	96.5	96.5	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
71.2	92.0	94.3	95.3	96.9	96.9	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
71.2	92.0	94.3	95.3	96.9	96.9	97.1	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
71.2	92.2	94.5	95.5	97.1	97.1	97.5	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
71.2	92.6	94.9	96.1	98.1	98.2	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 513

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CUMULATIVE

18.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
22.0	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
22.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
23.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
23.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
26.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
32.4	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	35.3	35.3	35.3
36.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
41.2	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
45.5	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
48.3	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	55.5	55.5
57.3	66.1	66.1	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
60.8	70.4	70.8	70.8	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
64.3	75.9	76.5	76.7	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
65.3	78.0	78.6	79.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
67.1	82.2	82.9	83.3	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
68.2	83.5	84.3	84.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
69.6	85.7	87.1	87.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
69.6	85.9	87.3	88.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
70.6	88.6	90.2	91.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
71.8	91.2	92.9	93.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
72.2	92.2	94.1	94.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
72.2	92.2	94.1	94.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
72.2	92.2	94.3	95.3	97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
72.2	92.4	94.9	95.9	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
72.2	92.4	95.1	96.1	98.2	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
72.2	92.4	95.1	96.1	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
72.2	92.4	95.1	96.1	98.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
72.2	92.4	95.1	96.1	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 510

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

7 736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

20.0	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
22.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
26.0	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
26.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
26.2	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
28.8	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	31.7	31.7
32.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
34.2	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	37.8
39.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
45.1	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
48.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
58.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
61.8	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
66.5	80.4	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
68.1	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
69.7	87.5	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
70.3	88.5	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
71.2	90.8	91.2	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
71.6	91.2	91.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
73.2	93.0	93.7	94.3	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
74.8	94.9	95.7	96.3	96.9	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
75.0	96.3	97.1	97.7	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
75.3	96.7	97.5	98.0	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
75.3	96.7	97.5	98.2	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
75.5	96.9	97.7	98.4	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

22.6	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
26.6	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
29.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
29.4	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	32.4	32.4	32.4
29.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
32.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
36.4	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	40.6
38.2	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	42.4
44.2	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	50.6
48.8	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	57.4
52.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
60.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
62.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
65.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
66.8	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
68.8	90.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
69.8	91.6	92.0	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
70.8	93.0	93.8	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
71.0	93.2	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
71.8	94.8	95.6	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
73.2	96.8	97.6	98.2	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
73.4	97.2	98.0	98.6	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
73.4	97.6	98.6	99.2	99.4	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 500

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

20.0	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	
23.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	
26.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	
27.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
27.3	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	
31.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	
36.6	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
38.7	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
47.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
52.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	
54.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
62.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
64.1	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
65.3	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
67.0	87.6	88.0	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	
69.5	91.2	91.6	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	
70.2	92.9	93.3	93.5	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	
71.4	94.5	95.0	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
71.6	94.7	95.2	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	96.0	
72.5	96.0	96.4	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
72.7	96.4	96.8	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
72.9	96.6	97.1	97.5	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
72.9	96.6	97.1	97.9	98.3	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
72.9	96.6	97.1	98.1	98.5	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
72.9	96.6	97.1	98.3	98.7	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
73.3	97.1	97.5	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
73.3	97.5	97.9	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]736 FT RICHARDSON AK 77-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	20.4	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
	24.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
	26.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
	26.5	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
	26.7	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
	29.8	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
	34.0	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
	36.7	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
	42.7	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
	48.1	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
	50.9	59.5	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
	59.6	72.0	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	62.2	75.4	75.8	76.0	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
	65.3	80.1	80.6	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
	66.7	82.9	83.4	83.9	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
	68.7	86.3	87.0	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
	69.5	87.9	88.6	89.1	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	70.5	89.7	90.6	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
	70.7	89.9	90.9	91.6	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
	71.6	91.5	92.6	93.4	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
	72.5	93.3	94.4	95.2	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	72.8	94.3	95.5	96.2	97.2	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	72.9	94.5	95.7	96.5	97.5	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	72.9	94.5	95.8	96.7	97.9	98.2	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	72.9	94.7	96.0	97.0	98.1	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
	72.9	94.7	96.0	97.0	98.2	98.6	98.7	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	72.9	94.7	96.1	97.1	98.3	98.8	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	73.0	94.9	96.3	97.3	98.6	99.1	99.3	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	73.0	95.0	96.4	97.4	98.7	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2799

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

25.5	30.1	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	31.4
26.5	31.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.7
27.8	33.7	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	35.0
27.8	33.7	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	35.0
28.8	34.6	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	35.3	35.9
30.7	37.6	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.9
33.0	39.9	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	41.2
34.0	41.5	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.8
38.6	48.0	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	49.3
45.4	57.2	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	58.5
50.7	63.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	65.0
55.9	75.2	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.5	78.1
57.8	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1	80.1	80.4	81.0
61.1	82.4	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.3	84.3	84.6	85.3	
61.9	84.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.6	86.6	86.9	87.6	
62.7	85.9	87.9	87.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.2	89.2	89.5	90.2	
64.1	88.2	90.2	90.2	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.5	93.1	
64.1	89.5	91.5	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.1	94.8	
64.1	89.5	91.5	91.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	94.1	94.8	
64.1	89.9	91.8	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.8	94.8	95.1	95.8	
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4	
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4	
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	97.4	
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	96.7	97.1	97.7	
64.7	91.2	93.1	93.8	96.1	96.1	96.1	96.1	96.1	96.1	96.4	96.4	96.7	96.7	97.1	97.7	
65.0	91.5	93.5	94.1	96.4	96.4	96.4	96.4	96.4	96.4	96.7	96.7	97.1	97.1	97.4	98.0	
65.0	91.5	93.5	94.1	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.4	97.4	97.7	98.4	
65.0	91.5	93.5	94.1	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.4	97.4	97.7	98.4	
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	98.7	
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	99.0	
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.1	97.4	97.4	97.7	97.7	98.0	99.7	
65.4	91.8	93.8	94.4	97.1	97.1	97.1	97.1	97.1	97.4	97.7	97.7	98.0	98.0	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 306

USAFETAC ... ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

26.7	31.4	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	32.0
29.4	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.8
30.5	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.6
30.9	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.9
31.3	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.3
33.7	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	39.8	40.2
36.2	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.6
38.1	45.3	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	45.8
42.2	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.3
46.8	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	58.0
50.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.4
56.4	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	75.0
59.1	78.8	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	80.1
60.0	80.5	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8
60.8	81.8	82.6	82.8	82.8	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.3
62.1	83.7	84.7	85.0	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.6
62.7	86.4	87.7	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	89.0
63.1	86.9	88.4	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5
63.1	86.9	88.4	89.4	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.5
63.4	87.7	89.2	90.2	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.3
63.4	88.4	90.2	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.2
64.2	89.4	91.3	92.2	92.8	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.9
64.2	89.6	91.5	92.4	93.0	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1
64.2	89.6	91.5	92.4	93.0	93.2	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.5
64.6	90.2	92.0	93.2	93.9	94.1	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	95.1	95.5	
64.6	90.3	92.2	93.4	94.1	94.3	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.5	95.8	
64.8	90.5	92.4	93.6	94.3	94.5	95.3	95.3	95.3	95.8	96.0	96.2	96.2	96.2	96.4	96.8	
65.0	91.7	93.6	94.7	95.5	95.6	96.4	96.4	96.4	97.2	97.5	97.7	97.7	97.7	97.9	98.3	
65.0	91.9	93.8	94.9	95.6	95.8	96.6	96.8	97.2	98.3	98.7	98.9	98.9	99.1	99.2	99.6	
65.0	91.9	93.8	94.9	95.6	95.8	96.6	96.8	97.2	98.3	98.7	98.9	98.9	99.1	99.2	99.6	
65.0	91.9	93.8	94.9	95.6	95.8	96.8	97.0	97.3	98.5	98.9	99.1	99.1	99.2	99.4	99.8	
65.0	91.9	93.8	94.9	95.6	95.8	96.8	97.0	97.3	98.7	99.1	99.2	99.2	99.4	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 528

USAF ETAC [illegible] 5-74-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

70736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

26.5	32.2	32.2	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
27.8	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
29.2	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
29.2	36.0	36.0	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
29.4	36.6	36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
31.3	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
36.6	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
39.0	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
42.4	54.2	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
46.8	59.7	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
49.2	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
55.5	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
58.7	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
59.5	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
61.2	79.7	79.9	79.9	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
63.1	83.5	83.9	83.9	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
63.8	84.8	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
64.2	86.6	87.5	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
64.4	86.7	87.9	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
64.8	87.3	88.4	88.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
65.2	88.4	90.2	90.3	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
65.9	90.2	92.2	92.4	93.6	93.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
65.9	90.5	92.6	92.8	94.1	94.1	95.3	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
65.9	91.1	93.2	93.4	94.7	94.7	95.8	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
65.9	91.3	93.4	93.6	95.5	95.5	96.6	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
65.9	91.5	93.6	93.8	95.6	95.8	97.0	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
65.9	91.7	93.8	93.9	96.0	96.2	97.5	97.9	97.9	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.4
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
65.9	92.2	94.5	94.7	96.8	97.0	98.3	98.7	98.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

25.9	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	
29.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
29.9	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
30.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
30.9	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
33.3	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	
37.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	
38.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
44.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
47.7	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	59.8	
50.0	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
58.5	76.3	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
61.4	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
62.9	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
63.1	83.5	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
63.6	85.0	85.4	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
64.6	86.4	86.9	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	
65.5	87.3	88.1	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
65.7	87.9	88.6	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
66.5	89.2	90.3	90.5	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
66.7	91.9	93.2	93.6	95.1	95.1	95.5	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
67.4	93.6	95.1	95.8	97.5	97.5	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
67.4	93.8	95.3	96.0	97.7	97.9	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
67.4	93.8	95.3	96.2	97.9	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
67.4	93.8	95.3	96.2	97.9	98.1	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	
67.4	93.9	95.5	96.4	98.1	98.3	99.1	99.2	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

25.2	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	
26.3	33.5	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
29.0	35.0	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	
29.2	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
29.8	36.0	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
32.3	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
35.2	43.1	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
37.5	45.8	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	
45.4	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	
51.2	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	
54.2	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
60.2	77.9	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
63.5	82.9	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	
64.9	85.2	86.0	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	
65.2	86.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	
65.4	87.5	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
66.2	90.4	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
66.9	91.9	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
66.9	92.1	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
67.9	93.7	95.0	95.2	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
68.7	95.8	97.3	97.7	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
68.8	96.0	97.7	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
68.8	96.0	97.7	98.3	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 520

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

27.2	31.9	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
29.2	34.3	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
31.0	36.7	37.1	37.1	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
31.2	37.5	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
31.5	37.9	38.3	38.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
34.5	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
38.1	45.4	45.8	45.8	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
40.7	48.8	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
48.0	57.1	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
51.6	64.5	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
54.0	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
62.1	82.5	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
64.1	86.3	87.5	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
64.7	88.3	89.7	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
65.1	89.3	90.7	91.3	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
65.5	90.1	91.5	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
66.3	93.7	95.0	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	96.0
66.5	94.8	96.4	97.0	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
66.5	94.8	96.4	97.0	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
66.5	95.2	96.8	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
66.9	96.4	98.4	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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
66.9	96.4	98.4	99.0	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 504

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

736 FT RICHARDSON AK 77-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

26.2	31.4	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.6
28.5	34.1	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5
29.7	35.9	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.4
29.9	36.3	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8
30.4	36.9	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3
32.8	39.7	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2
36.3	44.5	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	44.8	44.9
38.3	46.8	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.3
43.9	53.7	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.2
48.4	60.6	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
51.5	66.0	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
58.2	76.5	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.4
60.9	80.4	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.6
62.2	82.5	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.7
62.9	84.1	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.4
63.8	85.9	86.8	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6
64.6	88.3	89.3	89.5	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.2
65.1	89.5	90.7	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
65.2	89.6	90.9	91.2	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.1
65.6	90.5	91.9	92.3	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.7
66.0	92.0	93.7	94.2	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8
66.4	92.9	94.7	95.3	96.5	96.7	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5
66.4	93.0	94.9	95.5	96.7	96.8	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.7
66.4	93.1	95.0	95.6	96.8	97.0	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	98.0
66.5	93.2	95.1	95.8	97.1	97.3	97.8	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.2	98.3
66.5	93.4	95.2	95.9	97.3	97.5	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.4	98.5
66.6	93.4	95.3	96.0	97.4	97.6	98.1	98.3	98.3	98.5	98.6	98.7	98.7	98.7	98.8	98.9
66.6	93.8	95.6	96.3	97.7	98.0	98.5	98.6	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.4
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.7	99.8
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.7	98.9	99.2	99.5	99.5	99.6	99.6	99.7	99.8
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.8	98.9	99.3	99.5	99.6	99.6	99.6	99.7	99.9
66.6	93.8	95.7	96.4	97.8	98.0	98.6	98.8	98.9	99.3	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 2914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
≥20000	22.7	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
15000	24.1	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
10000	24.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
7000	25.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
5000	25.9	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
4500	26.2	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
3500	27.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
3000	29.1	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
2500	33.0	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
2000	38.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
1800	39.7	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
1500	44.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
1000	47.2	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
800	51.4	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
600	51.4	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.7	89.0	89.0
400	51.4	88.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	90.1	90.4	90.4
300	51.8	90.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.2	92.6	92.6
200	51.8	90.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.9	92.9
150	51.8	90.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.6	92.9	92.9
100	51.8	92.2	94.3	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.7	95.7
50	51.8	92.9	95.0	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.5	96.8	96.8
0	51.8	92.9	95.0	96.1	96.5	96.8	97.2	97.2	97.2	97.2	97.2	97.5	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

20.2	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.9	23.9	23.9	23.9	23.9	23.9	
23.9	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	29.0	29.0	29.0	29.0	29.4	29.4	
25.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.9	31.9	32.1	32.1	32.5	32.5	
26.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.5	32.5	32.7	32.7	33.1	33.1	
27.4	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.2	34.2	34.4	34.4	34.8	34.8	
28.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.8	36.8	37.0	37.0	37.4	37.4	
33.3	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.4	43.4	43.6	43.6	44.0	44.0	
35.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.8	46.0	46.0	46.4	46.4	
40.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	52.8	53.0	53.0	53.4	53.4	
47.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.6	61.6	61.8	61.8	62.2	62.2	
49.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	66.1	66.1	66.3	66.3	66.7	66.7	
56.0	78.9	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	80.0	80.0	80.4	80.4	
57.9	81.8	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	83.0	83.0	83.4	83.4	
60.9	85.5	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.7	86.7	86.9	86.9	87.3	87.3	
61.1	86.7	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.7	87.9	87.9	88.1	88.1	88.5	88.5	
62.0	89.6	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.8	90.8	91.0	91.0	91.4	91.4	
62.0	90.2	90.6	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.8	91.8	92.0	92.0	92.4	92.4	
62.0	91.6	92.2	93.3	93.3	93.3	93.9	94.1	94.1	94.3	94.5	94.5	94.7	94.7	95.1	95.1	
62.0	91.6	92.2	93.3	93.3	93.3	93.9	94.1	94.1	94.3	94.5	94.5	94.7	94.7	95.1	95.1	
62.0	92.2	93.0	94.5	94.5	94.5	95.1	95.3	95.3	95.5	95.7	95.7	95.9	95.9	96.3	96.3	
62.0	93.0	93.9	95.5	95.5	95.5	96.1	96.3	96.3	96.5	96.7	96.7	96.9	96.9	97.3	97.3	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.4	98.4	98.6	98.6	99.0	99.0	
62.0	93.3	94.3	95.9	96.3	96.3	96.9	97.3	97.3	97.8	98.6	98.6	98.8	98.8	99.2	99.2	
62.0	93.5	94.5	96.1	96.5	96.5	97.1	97.5	97.5	98.0	98.8	98.8	99.0	99.2	99.6	99.6	
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0	
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0	
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0	
62.0	93.7	94.7	96.3	96.7	96.7	97.3	97.8	97.8	98.2	99.0	99.0	99.2	99.4	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 489

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

VISIBILITY STATUTE MILES

CEILING FEET	2	2½	3	4	5	6	7	8	9	10	12	15	20	25	30
	24.1	28.4	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
	27.6	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
	28.6	35.2	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
	29.2	35.8	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
	29.4	36.0	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
	33.1	40.7	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
	39.1	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
	41.1	50.5	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
	47.2	58.9	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
	52.4	66.9	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
	55.6	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
	60.5	81.6	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
	62.2	84.7	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
	63.0	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
	63.6	89.0	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	64.0	90.2	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
	64.2	92.2	93.0	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
	64.2	92.6	93.5	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	64.4	92.8	93.7	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	64.6	93.7	94.5	94.9	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
	64.8	94.3	95.1	95.5	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	64.8	94.7	95.5	95.9	96.7	96.9	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3
	64.8	94.7	95.5	95.9	96.7	96.9	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5
	64.8	94.9	95.7	96.1	97.1	97.3	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0
	64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4
	64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4
	64.8	95.1	95.9	96.5	97.5	97.8	98.0	98.2	98.2	98.6	98.6	98.6	99.0	99.0	99.0
	64.9	95.7	96.5	97.1	98.2	98.4	98.8	99.0	99.0	99.4	99.4	99.4	99.8	99.8	99.8
	64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0
	64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0
	64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0
	64.8	95.9	96.7	97.3	98.4	98.6	99.0	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 489

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	[illegible]	30	25	20	15	12	10	9	8	7	6	5	4	3	2½	2
[illegible]	30.7	32.2	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
[illegible]	35.2	38.1	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
[illegible]	36.5	39.3	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
[illegible]	37.1	40.0	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
[illegible]	37.9	41.0	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
[illegible]	41.8	44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
[illegible]	43.0	46.1	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
[illegible]	45.5	48.6	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
[illegible]	50.6	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
[illegible]	56.1	65.2	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
[illegible]	58.2	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
[illegible]	64.1	82.2	83.6	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
[illegible]	66.2	86.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
[illegible]	67.8	89.3	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
[illegible]	68.6	90.4	92.0	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
[illegible]	69.5	92.2	93.9	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
[illegible]	69.5	92.8	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
[illegible]	69.9	93.4	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	69.9	93.4	95.3	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
[illegible]	70.3	94.7	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	70.3	95.5	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
[illegible]	70.3	95.7	97.7	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	70.3	95.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	70.3	95.9	98.0	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	70.3	95.9	98.0	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible]	70.5	96.1	98.2	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	70.5	96.1	98.7	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	70.5	96.3	98.4	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
[illegible]	70.5	96.3	98.4	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
[illegible]	70.5	96.3	98.4	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
[illegible]	70.5	96.3	98.4	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
[illegible]	70.5	96.3	98.4	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 488

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING (FEET) \ VISIBILITY (STATUTE MILES)	2	2½	3	4	5	6	7	8	9	10	12	15	20	25	30
	26.5	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
	30.8	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
	32.7	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
	33.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
	34.0	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
	37.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
	40.6	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
	44.2	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
	50.6	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	58.1
	55.4	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
	58.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
	63.5	84.2	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
	65.0	86.5	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	67.5	91.5	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
	67.9	92.9	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
	69.0	95.4	96.5	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	69.2	95.8	96.9	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
	69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	69.4	96.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
	69.4	97.1	98.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	69.4	97.3	98.5	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	69.4	97.5	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	69.4	97.5	98.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	69.4	97.7	99.0	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 480

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

23.4	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
27.1	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
27.9	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
28.1	33.3	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
28.6	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
29.0	34.8	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
33.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
38.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
45.0	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
48.9	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
52.8	74.5	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
56.9	85.9	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
59.1	88.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
60.8	93.3	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
61.7	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
62.6	97.0	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
62.6	97.4	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
62.6	97.6	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
62.6	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
62.6	98.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
62.6	98.3	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
62.6	98.7	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 462

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1	¾	½	¼	0								
	24.8	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6
	28.4	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4
	29.7	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.1	35.1
	30.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.7	35.7
	30.9	36.1	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5
	33.2	39.2	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.6	39.6	39.6	39.6
	36.8	43.7	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1
	39.7	47.3	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.8	47.8
	45.4	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.3	56.3
	50.6	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
	53.3	69.8	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.3
	58.6	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
	60.5	84.8	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
	62.7	89.0	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1
	63.2	90.5	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.9	91.9
	63.9	92.3	93.3	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9
	64.1	93.3	94.3	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1
	64.2	93.9	95.0	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.9	95.9
	64.2	94.0	95.1	95.5	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	96.1	96.1
	64.3	94.6	95.8	96.4	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1
	64.3	95.3	96.5	97.1	97.3	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.8	97.8
	64.3	95.6	96.9	97.5	98.0	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.8
	64.3	95.6	96.9	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.8	98.9	98.9
	64.3	95.7	97.0	97.7	98.2	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.9	98.9	99.0	99.0
	64.3	95.7	97.0	97.8	98.3	98.4	98.6	98.7	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1
	64.4	95.8	97.1	97.8	98.4	98.4	98.7	98.7	98.7	98.9	99.0	99.0	99.1	99.1	99.2	99.2
	64.4	95.9	97.2	98.0	98.5	98.6	98.8	98.9	98.9	99.1	99.2	99.2	99.4	99.4	99.5	99.5
	64.4	96.1	97.4	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.5	99.5	99.6	99.7	99.8	99.8
	64.4	96.1	97.5	98.3	98.8	98.9	99.1	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.9	99.9
	64.4	96.2	97.5	98.4	98.9	99.0	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.9	100.0
	64.4	96.2	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0
	64.4	96.2	97.6	98.4	98.9	99.0	99.3	99.4	99.4	99.5	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2690

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

17.4	25.2	25.2	25.2	25.2	25.2	25.5	25.5	25.5	25.5	25.9	25.9	25.9	25.9	25.9	25.9	
17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0	
17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0	
17.4	26.2	26.2	26.2	26.2	26.2	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.0	27.0	
17.4	26.6	26.6	26.6	26.6	26.6	27.0	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.3	
17.7	28.0	28.0	28.0	28.0	28.0	28.4	28.4	28.4	28.4	28.7	28.7	28.7	28.7	28.7	28.7	
19.5	30.9	30.9	30.9	30.9	30.9	31.2	31.2	31.2	31.2	31.6	31.6	31.6	31.6	31.6	31.6	
19.9	31.9	31.9	31.9	31.9	31.9	32.3	32.3	32.3	32.3	32.6	32.6	32.6	32.6	32.6	32.6	
21.3	36.9	36.9	36.9	36.9	36.9	37.2	37.2	37.2	37.2	37.6	37.6	37.6	37.6	37.6	37.6	
26.2	45.0	45.0	45.0	45.0	45.0	45.4	45.4	45.4	45.4	45.7	45.7	45.7	45.7	45.7	45.7	
32.3	54.6	54.6	54.6	54.6	54.6	55.0	55.0	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	
38.3	65.2	65.2	65.2	65.6	65.6	66.0	66.0	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	
38.7	65.6	65.6	65.6	66.0	66.0	66.3	66.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	
40.8	70.6	70.6	70.6	70.9	70.9	71.3	71.3	71.3	71.6	72.0	72.0	72.0	72.0	72.0	72.0	
40.8	70.9	70.9	70.9	71.3	71.3	71.6	71.6	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	
41.8	75.2	75.2	75.5	75.9	75.9	76.6	76.6	76.6	77.0	77.3	77.3	77.3	77.3	77.3	77.3	
42.9	78.0	78.0	78.4	78.7	78.7	79.4	79.4	79.4	79.8	80.1	80.1	80.1	80.1	80.1	80.1	
44.0	79.8	80.5	81.2	81.6	81.6	82.3	82.3	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0	
44.0	79.8	80.5	81.2	81.6	81.6	82.3	82.3	82.3	82.6	83.0	83.0	83.0	83.0	83.0	83.0	
44.0	79.8	80.5	81.2	81.6	81.6	82.6	82.6	82.6	83.0	83.3	83.3	83.3	83.3	83.3	83.3	
44.0	80.1	80.9	81.6	82.3	82.6	84.0	84.0	84.0	84.4	84.8	84.8	84.8	84.8	84.8	84.8	
44.0	81.6	82.6	83.3	85.1	85.5	87.2	87.2	87.2	88.7	89.0	89.0	89.0	89.0	89.0	89.0	
44.0	81.9	83.0	83.7	85.5	85.8	87.6	87.6	88.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	
44.0	81.9	83.0	84.0	85.8	86.2	87.9	87.9	88.7	90.1	90.4	90.4	90.4	90.4	90.4	90.4	
44.0	82.6	83.7	84.8	86.5	86.9	88.7	89.0	89.7	91.1	91.5	91.5	91.5	91.5	91.5	91.5	
44.0	82.6	83.7	84.8	86.5	86.9	89.4	90.8	91.5	92.9	93.6	93.6	93.6	93.6	93.6	93.6	
44.0	82.6	84.0	85.1	87.9	88.3	90.8	92.6	93.3	95.0	95.7	95.7	95.7	95.7	95.7	95.7	
44.0	83.0	84.4	85.5	88.3	88.7	91.1	92.9	93.6	95.7	96.8	96.8	96.8	96.8	96.8	96.8	
44.0	83.7	85.1	86.2	89.0	89.4	91.8	93.6	94.3	96.5	97.5	97.5	97.5	97.9	98.9	99.3	
44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	97.9	98.2	99.3	99.6	
44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	98.2	98.6	99.6	100.0	
44.0	84.0	85.5	86.5	89.4	89.7	92.2	94.0	94.7	96.8	97.9	97.9	98.2	98.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

12.3	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8	
13.7	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.8	20.8	20.8	20.8	20.8	20.8	
14.3	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	22.0	22.0	22.0	22.0	22.0	22.0	
14.5	21.8	21.8	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.6	22.6	22.6	22.6	22.6	22.6	
14.5	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.8	22.8	22.8	22.8	22.8	22.8	
15.5	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.8	24.8	24.8	24.8	24.8	24.8	
17.9	26.8	26.8	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.8	27.8	27.8	27.8	27.8	27.8	
18.3	28.8	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.8	29.8	29.8	29.8	29.8	29.8	
22.6	34.5	34.5	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.9	35.9	35.9	35.9	35.9	35.9	
28.6	43.3	43.3	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.8	44.8	44.8	44.8	44.8	44.8	
33.7	51.6	51.6	52.0	52.4	52.4	52.4	52.6	52.6	52.6	53.4	53.4	53.4	53.4	53.4	53.6	
40.9	63.1	63.3	63.7	64.1	64.1	64.1	64.3	64.3	64.5	65.3	65.3	65.3	65.3	65.3	65.5	
41.7	64.5	64.7	65.1	65.7	65.7	65.7	65.9	65.9	66.1	66.9	66.9	66.9	66.9	66.9	67.1	
43.1	67.5	67.9	68.3	68.8	68.8	68.8	69.0	69.2	69.4	70.2	70.2	70.2	70.2	70.2	70.4	
44.3	68.8	69.2	69.8	70.4	70.4	70.4	70.6	70.8	71.0	71.8	71.8	71.8	71.8	71.8	72.0	
45.1	71.6	72.6	73.2	74.2	74.2	74.2	74.4	74.6	74.8	75.6	75.6	75.6	75.6	75.6	75.8	
45.2	73.4	74.4	75.4	76.4	76.6	76.6	77.0	77.2	77.4	78.2	78.2	78.2	78.2	78.2	78.4	
45.2	73.8	75.0	76.0	77.0	77.2	77.2	77.8	78.0	78.2	79.0	79.0	79.0	79.0	79.0	79.2	
45.4	74.0	75.2	76.2	77.2	77.4	77.4	78.0	78.2	78.4	79.2	79.2	79.2	79.2	79.2	79.4	
45.6	74.8	76.0	77.2	78.2	78.8	78.8	79.4	79.6	79.8	80.6	80.6	80.6	80.6	80.6	80.8	
45.6	76.4	78.0	79.4	80.6	81.2	81.3	82.5	82.7	83.1	84.1	84.1	84.1	84.1	84.1	84.3	
45.6	76.6	78.4	80.2	81.7	82.3	82.5	83.7	83.9	85.1	86.3	86.3	86.3	86.3	86.3	86.5	
45.8	77.0	78.8	80.6	82.1	82.7	83.1	84.3	84.7	85.9	87.1	87.1	87.5	87.5	87.5	87.7	
45.8	77.0	78.8	80.8	82.3	82.9	83.9	85.1	85.5	86.7	88.1	88.1	88.5	88.5	88.5	88.7	
45.8	77.0	78.8	80.8	82.3	82.9	83.9	85.7	86.1	87.7	89.1	89.1	89.5	89.5	89.5	89.7	
45.8	77.4	79.2	81.2	82.9	83.5	84.9	86.7	87.1	88.7	90.1	90.1	90.9	90.9	90.9	91.3	
45.8	77.8	80.0	81.9	84.3	84.9	86.7	88.5	88.9	90.9	92.5	92.5	93.8	93.8	94.0	94.6	
45.8	78.8	81.0	83.1	85.9	86.5	88.3	90.3	90.7	92.9	94.6	94.6	96.4	96.8	97.0	97.8	
45.8	78.8	81.0	83.3	86.1	86.7	88.5	90.7	91.5	93.7	95.4	95.4	97.2	97.6	97.8	98.8	
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	99.8	
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	100.0	
45.8	79.0	81.2	83.5	86.3	86.9	88.7	91.1	91.9	94.0	96.2	96.2	98.0	98.4	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 504

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

11.9	15.7	15.9	15.9	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.5
13.7	18.3	18.5	18.5	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.2
15.3	20.2	20.4	20.4	20.6	20.6	21.0	21.0	21.0	21.0	21.0	21.0	21.2	21.2	21.2	21.2	21.4
15.9	20.8	21.0	21.0	21.2	21.2	21.6	21.6	21.6	21.6	21.8	21.8	22.0	22.0	22.0	22.0	22.2
16.5	21.4	21.6	21.6	21.8	21.8	22.2	22.2	22.2	22.2	22.4	22.4	22.6	22.6	22.6	22.6	22.8
19.0	24.4	24.8	24.8	25.0	25.0	25.4	25.4	25.4	25.4	25.6	25.6	25.8	25.8	25.8	25.8	26.0
20.0	25.6	26.0	26.0	26.2	26.2	26.6	26.6	26.6	26.6	26.8	26.8	27.0	27.0	27.0	27.0	27.2
21.3	25.4	29.8	29.8	30.0	30.0	30.4	30.4	30.4	30.4	30.6	30.6	30.8	30.8	30.8	30.8	31.0
27.2	35.9	36.3	36.3	36.5	36.5	36.9	36.9	36.9	36.9	37.1	37.1	37.3	37.3	37.3	37.3	37.5
33.1	45.6	46.0	46.0	46.2	46.2	46.6	46.6	46.6	46.6	46.8	46.8	47.0	47.0	47.0	47.0	47.2
37.1	50.6	51.0	51.0	51.2	51.2	51.6	51.6	51.6	51.6	51.8	51.8	52.0	52.0	52.0	52.0	52.2
44.6	62.7	63.1	63.1	63.3	63.3	63.7	63.7	63.7	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.3
47.0	66.3	66.7	66.7	66.9	66.9	67.3	67.3	67.3	67.3	67.5	67.5	67.7	67.7	67.7	67.7	67.9
49.0	69.2	69.8	69.8	70.0	70.0	70.4	70.4	70.4	70.4	70.8	70.8	71.0	71.0	71.0	71.0	71.2
49.6	71.2	71.8	71.8	72.0	72.0	72.4	72.4	72.4	72.4	72.8	72.8	73.0	73.0	73.0	73.0	73.2
50.0	73.4	74.2	74.2	74.6	74.8	75.2	75.2	75.2	75.2	75.6	75.6	75.8	75.8	75.8	75.8	76.0
50.6	75.2	76.2	76.6	77.2	77.4	77.8	77.8	77.8	77.8	78.2	78.2	78.4	78.4	78.4	78.4	78.6
50.6	76.0	77.2	77.6	78.4	78.6	79.0	79.0	79.0	79.0	79.4	79.4	79.6	79.6	79.6	79.6	79.8
50.6	76.2	77.4	77.8	78.6	78.8	79.2	79.2	79.2	79.2	79.6	79.6	79.8	79.8	79.8	79.8	80.0
50.8	77.6	78.8	79.8	81.2	81.3	81.7	81.7	82.1	82.3	82.7	82.7	82.9	82.9	82.9	82.9	83.1
51.0	79.4	80.6	81.5	83.1	83.5	84.5	84.9	85.5	85.7	86.1	86.1	86.3	86.3	86.3	86.3	86.5
51.2	79.8	81.0	81.9	83.7	84.1	85.1	85.7	86.3	86.7	87.1	87.1	87.3	87.3	87.3	87.3	87.5
51.2	80.0	81.2	82.1	83.9	84.3	85.3	85.9	86.5	86.9	87.5	87.5	87.7	87.7	87.7	87.7	87.9
51.4	80.4	81.5	82.7	84.5	85.1	86.1	87.3	87.9	88.7	89.9	89.9	90.1	90.1	90.1	90.1	90.5
51.4	80.4	81.5	82.7	84.5	85.1	86.5	87.9	88.7	89.9	91.3	91.3	91.5	91.5	91.5	91.5	91.9
51.6	80.8	81.9	83.1	84.9	85.5	86.9	88.5	89.3	90.7	92.1	92.1	92.7	92.7	92.9	93.3	
51.8	81.5	82.7	84.1	85.9	86.5	87.9	89.9	90.7	92.9	94.6	94.8	96.2	96.2	96.4	96.8	
51.8	81.9	83.1	84.5	86.9	87.5	88.9	91.1	91.9	94.0	96.2	96.4	98.0	98.0	98.2	99.2	
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0	
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0	
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0	
51.8	81.9	83.1	84.5	86.9	87.5	89.1	91.3	92.1	94.2	96.4	96.6	98.4	98.6	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 504

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

/ 7736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

14.3	19.4	19.4	19.4	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.8	19.8	19.8	19.8	
15.4	22.1	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.5	22.5	22.5	22.5	
16.4	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7	
16.4	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.7	23.7	
16.8	23.9	23.9	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	
19.0	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5	
21.1	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0	
22.3	32.4	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.8	
26.9	38.9	38.9	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.3	39.3	39.3	39.3	
34.0	48.8	48.8	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.2	
36.2	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.0	53.0	53.0	
43.9	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	63.0	63.0	63.0	63.0	
47.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.2	
50.4	72.3	72.3	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9	
51.4	75.1	75.1	75.1	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	
51.6	76.5	76.7	76.9	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	
51.9	77.7	77.9	78.3	78.7	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	
51.6	78.9	79.1	80.4	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	
51.9	79.4	79.6	81.0	81.6	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6	82.6	
52.2	81.0	81.4	83.0	83.8	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	
52.4	82.6	83.4	85.0	86.2	86.6	87.7	87.7	87.7	87.7	87.7	87.7	87.9	87.9	87.9	87.9	
52.4	83.8	84.8	86.8	88.7	89.1	90.5	90.5	90.5	90.9	90.9	90.9	91.1	91.1	91.1	91.1	
52.4	84.0	85.0	87.0	88.9	89.3	90.7	90.7	90.7	91.1	91.1	91.1	91.3	91.3	91.3	91.3	
52.4	84.0	85.0	87.0	89.1	90.1	91.9	91.9	91.9	92.3	92.3	92.3	92.5	92.5	92.5	92.5	
52.4	84.0	85.0	87.0	89.1	90.3	92.3	92.3	92.3	92.9	93.1	93.1	93.3	93.3	93.3	93.3	
52.6	84.2	85.2	87.4	89.5	90.7	92.9	92.9	93.1	93.7	93.9	93.9	94.3	94.3	94.3	94.3	
52.6	84.2	85.2	87.4	90.1	91.3	93.7	93.9	94.3	95.3	96.0	96.0	96.6	96.6	96.6	96.6	
52.6	84.6	85.6	87.7	90.7	91.9	94.5	94.9	95.3	96.6	97.6	97.6	98.6	98.6	98.6	99.2	
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0	
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0	
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0	
52.6	84.6	85.6	87.7	90.7	91.9	94.5	95.3	95.7	97.0	98.0	98.0	99.2	99.2	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 506

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

15.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	21.0
16.3	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	23.0
17.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	24.2
17.6	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	24.2
17.6	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.8
18.8	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	27.3
21.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	31.1
23.0	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	34.7
27.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.9	39.9	39.9	39.9	40.7
33.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.3	49.3	49.3	49.3	50.1
36.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	54.3
43.9	64.5	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.3	65.3	65.3	66.1
46.1	68.3	68.7	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.5	69.5	69.5	70.3
48.1	71.7	72.5	72.9	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.9	73.9	73.9	74.7
48.9	73.1	73.9	74.3	74.7	74.7	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.6	75.6	75.6	76.4
49.9	75.4	76.2	76.8	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	78.0	78.0	78.0	78.8
50.1	76.0	77.2	78.2	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.4	79.4	79.4	80.2
50.3	77.2	78.8	80.2	80.6	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.8	81.8	81.8	82.6
50.3	77.8	79.4	80.8	81.4	81.4	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	83.4
50.3	78.6	80.6	82.4	83.6	83.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	85.4	85.4	85.4	86.2
50.9	79.8	81.8	83.6	85.0	85.0	86.0	86.2	86.2	86.2	86.4	86.6	87.2	87.2	87.2	87.2	88.0
51.3	81.4	83.6	85.4	87.2	87.2	88.4	88.8	88.8	88.8	88.8	89.0	89.2	89.8	90.0	90.2	91.0
51.3	81.6	83.8	85.6	87.6	87.6	89.0	89.4	89.4	89.4	89.6	89.8	90.4	90.6	90.8	91.6	
51.9	82.2	84.4	86.2	88.6	88.8	90.2	90.6	90.6	90.6	90.8	91.0	91.6	91.8	92.0	92.8	
51.9	82.2	84.4	86.2	88.6	89.2	91.0	91.6	91.6	92.0	92.4	92.6	93.2	93.4	93.6	94.4	
51.9	82.2	84.4	86.2	88.6	89.2	91.0	91.8	91.8	92.6	93.2	93.6	94.2	94.4	94.6	95.4	
51.9	82.4	84.6	86.4	89.0	89.6	91.4	92.6	92.8	94.4	95.2	95.6	96.2	96.4	96.6	97.4	
51.9	82.6	85.0	86.8	89.6	90.2	92.0	93.2	93.4	95.0	95.8	96.2	97.0	97.2	97.4	98.4	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	99.6	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	
51.9	82.8	85.2	87.0	89.8	90.4	92.6	93.8	94.0	95.6	96.4	96.8	97.8	98.2	98.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 499

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 2736 FT RICHARDSON AK 77-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

12.6	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	
14.9	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
16.0	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
16.0	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	
16.0	26.9	26.9	26.9	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	
17.0	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	
18.5	32.6	32.6	32.6	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	
20.0	35.9	35.9	35.9	35.9	35.9	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	
20.8	39.5	39.5	39.5	39.5	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	
26.3	47.7	47.7	47.7	47.7	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
27.7	53.6	53.6	53.6	53.6	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
36.3	65.3	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
39.9	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
40.8	73.3	73.3	73.7	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	
41.0	76.1	76.1	76.5	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
41.4	78.2	79.0	79.4	79.8	79.8	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	
41.4	79.2	80.3	80.7	81.3	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
41.8	81.1	82.8	83.4	84.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
41.8	81.3	83.0	83.6	84.5	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
42.2	81.9	83.6	84.5	85.5	85.5	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
42.2	81.9	83.8	85.1	86.1	86.1	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
42.6	82.4	84.2	85.5	87.2	87.2	87.6	88.7	88.7	88.9	89.3	89.3	89.3	89.3	89.9	89.9	
42.6	82.6	84.5	85.7	87.6	87.8	88.4	89.5	89.5	89.7	90.1	90.1	90.1	90.1	90.8	90.8	
43.3	83.4	85.3	86.6	88.4	88.9	89.7	90.8	90.8	91.0	91.4	91.4	91.4	91.4	92.0	92.0	
43.3	83.6	85.5	86.8	88.7	89.1	90.5	91.8	91.8	92.0	92.4	92.4	92.6	93.1	93.7	93.7	
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	92.9	93.3	93.9	93.9	94.1	94.5	95.2	95.2	
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	93.1	94.5	95.2	95.4	95.6	96.0	96.6	96.6	
43.3	83.8	85.7	87.0	89.1	89.7	91.2	92.9	93.1	94.7	95.6	95.8	96.0	96.4	97.1	97.1	
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.3	97.9	98.5	98.5	
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	99.8	
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	99.8	
43.3	84.0	85.9	87.2	89.3	89.9	91.4	93.3	93.5	95.8	96.8	97.1	97.7	98.3	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

27736 FT RICHARDSON AK | 77-82 | OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

LOCAL STANDARD TIMES | ALL

13.6	19.9	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.5	
15.2	22.1	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.5	22.5	22.6	22.6	22.6	22.7	
16.1	23.3	23.3	23.4	23.4	23.5	23.6	23.6	23.6	23.6	23.7	23.7	23.8	23.8	23.8	24.0	
16.2	23.5	23.5	23.6	23.6	23.6	23.7	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.2	
16.4	23.9	24.0	24.0	24.0	24.1	24.2	24.2	24.2	24.2	24.4	24.4	24.5	24.5	24.5	24.6	
17.9	26.4	26.5	26.5	26.5	26.6	26.7	26.7	26.7	26.7	26.9	26.9	27.0	27.0	27.0	27.1	
19.7	29.3	29.4	29.4	29.5	29.5	29.6	29.7	29.7	29.7	29.8	29.8	29.9	29.9	29.9	30.1	
21.1	32.0	32.1	32.1	32.2	32.2	32.3	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.8	
24.6	37.6	37.6	37.7	37.8	37.8	37.9	38.0	38.0	38.0	38.2	38.2	38.3	38.3	38.3	38.5	
30.7	46.7	46.7	46.8	46.9	47.0	47.1	47.1	47.1	47.1	47.3	47.3	47.5	47.5	47.5	47.6	
34.0	52.5	52.6	52.7	52.8	52.8	52.9	53.0	53.0	53.0	53.2	53.2	53.4	53.4	53.4	53.6	
41.6	63.8	63.9	64.0	64.2	64.2	64.3	64.4	64.4	64.5	64.7	64.7	64.9	64.9	64.9	65.1	
44.0	67.2	67.3	67.4	67.7	67.7	67.8	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.5	
45.3	70.8	71.1	71.3	71.6	71.6	71.9	71.9	72.0	72.0	72.3	72.3	72.4	72.4	72.4	72.6	
46.4	72.6	73.0	73.2	73.5	73.6	73.8	73.9	73.9	74.0	74.2	74.2	74.4	74.4	74.4	74.6	
47.1	75.0	75.6	76.0	76.5	76.6	76.8	76.9	76.9	77.0	77.3	77.3	77.4	77.4	77.4	77.6	
47.4	76.4	77.2	77.8	78.4	78.6	78.9	79.0	79.0	79.1	79.3	79.3	79.5	79.5	79.5	79.7	
47.6	77.6	78.7	79.6	80.3	80.5	80.9	81.1	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.8	
47.6	77.9	79.0	80.0	80.7	80.8	81.3	81.4	81.5	81.5	81.8	81.8	81.9	81.9	81.9	82.1	
47.9	78.9	80.1	81.3	82.3	82.5	83.0	83.2	83.3	83.4	83.7	83.7	83.9	83.9	83.9	84.1	
48.0	80.0	81.4	82.7	84.0	84.3	85.1	85.5	85.6	85.8	86.1	86.1	86.3	86.3	86.3	86.5	
48.2	80.8	82.4	83.9	85.6	85.9	86.9	87.4	87.6	88.1	88.6	88.6	88.8	88.3	89.0	89.2	
48.2	81.1	82.6	84.1	86.0	86.3	87.3	87.9	88.2	88.7	89.2	89.2	89.5	89.5	89.6	89.9	
48.5	81.4	83.0	84.6	86.5	87.0	88.3	89.0	89.2	89.9	90.5	90.5	90.8	90.8	90.9	91.2	
48.5	81.5	83.1	84.7	86.6	87.3	88.8	89.8	90.0	90.9	91.6	91.7	92.0	92.1	92.2	92.5	
48.6	81.7	83.3	84.9	86.9	87.6	89.4	90.5	90.9	91.9	92.7	92.8	93.3	93.4	93.5	93.8	
48.6	82.0	83.7	85.3	87.7	88.4	90.2	91.6	92.1	93.7	94.8	94.9	95.7	95.8	96.0	96.4	
48.6	82.4	84.1	85.8	88.4	89.1	91.0	92.5	92.9	94.8	96.1	96.2	97.2	97.4	97.6	98.2	
48.6	82.5	84.2	86.0	88.6	89.3	91.3	92.9	93.4	95.4	96.7	96.9	97.9	98.3	98.6	99.4	
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.5	98.9	99.9	
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.6	98.9	100.0	
48.6	82.6	84.3	86.0	88.7	89.4	91.3	93.0	93.5	95.5	96.9	97.0	98.2	98.6	98.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 2771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

18.6	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.6	32.6	33.0	33.0	33.5	33.5	
18.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	33.0	33.0	33.5	33.5	33.9	33.9	
19.0	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.9	33.9	34.4	34.4	34.8	34.8	
19.0	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.9	33.9	34.4	34.4	34.8	34.8	
19.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.3	35.3	35.7	35.7	36.2	36.2	
21.7	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	38.0	38.0	38.5	38.5	38.9	38.9	
21.7	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.5	42.5	43.0	43.0	43.4	43.4	
22.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.9	43.9	44.3	44.3	44.8	44.8	
23.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	48.0	48.0	48.4	48.4	48.9	48.9	
24.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.2	50.7	50.7	51.1	51.1	
28.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.2	55.2	55.7	55.7	56.1	56.1	
29.9	59.3	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	60.2	60.2	60.6	60.6	61.1	61.1	
30.8	61.5	61.5	61.5	62.4	62.4	62.4	62.4	62.4	62.4	62.9	62.9	63.3	63.3	63.8	63.8	
33.9	66.5	67.0	67.0	67.9	67.9	67.9	67.9	67.9	68.3	68.8	68.8	69.2	69.2	69.7	69.7	
34.4	67.4	67.9	67.9	68.8	68.8	68.8	68.8	68.8	69.2	69.7	69.7	70.1	70.1	70.6	70.6	
34.4	67.9	68.3	68.3	69.7	69.7	69.7	69.7	69.7	70.1	70.6	70.6	71.0	71.0	71.5	71.5	
34.8	70.1	71.0	71.0	72.4	72.4	72.9	72.9	72.9	73.3	73.8	73.8	74.2	74.2	74.7	74.7	
34.8	73.3	74.2	74.2	75.6	75.6	76.0	76.5	76.5	76.9	77.4	77.4	77.8	77.8	78.3	78.3	
34.9	73.3	74.2	74.2	75.6	75.6	76.0	76.5	76.5	76.9	77.4	77.4	77.8	77.8	78.3	78.3	
34.8	74.7	76.5	76.9	78.3	78.3	78.7	79.2	79.2	79.6	80.1	80.1	80.5	80.5	81.0	81.0	
34.8	76.9	78.7	79.6	81.0	81.0	81.4	81.9	81.9	82.8	83.3	83.3	83.7	83.7	84.2	84.2	
34.8	76.9	78.7	79.6	81.0	81.0	81.9	82.8	82.8	84.2	84.6	84.6	85.1	85.1	85.5	85.5	
34.8	77.4	79.2	80.1	81.4	81.4	82.4	83.3	83.3	85.1	85.5	85.5	86.0	86.0	86.4	86.4	
34.8	77.4	79.2	80.1	81.4	81.4	82.4	83.3	83.3	85.1	85.5	85.5	86.4	86.4	86.9	86.9	
34.8	77.8	79.6	80.5	81.9	81.9	83.3	84.6	84.6	86.9	87.3	87.3	88.2	88.2	88.7	88.7	
34.8	78.3	80.1	81.0	82.4	82.4	83.7	86.0	86.0	88.2	88.7	88.7	89.6	89.6	90.0	90.0	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	89.6	90.0	90.0	91.9	91.9	92.8	93.2	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	90.0	91.4	91.4	93.7	93.7	94.6	96.4	
34.8	79.2	81.0	81.9	83.3	83.3	84.6	86.9	86.9	90.5	91.9	91.9	94.1	94.1	95.0	97.7	
34.8	79.6	81.4	82.4	83.7	83.7	85.1	87.3	87.3	91.0	92.3	92.3	95.0	95.0	95.9	99.1	
34.8	80.1	81.9	82.8	84.2	84.2	85.5	87.8	87.8	91.4	92.8	92.8	95.5	95.5	96.4	99.5	
34.8	80.1	81.9	82.8	84.2	84.2	85.5	87.8	87.8	91.4	92.8	92.8	95.5	95.5	96.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 221

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 [illegible]736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

16.1	27.4	27.6	27.8	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.2	28.2	28.5	28.7	28.9	
16.3	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.3	29.5	29.5	29.7	29.9	30.1	
16.8	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.3	29.3	29.5	29.5	29.7	29.9	30.1	
16.8	28.9	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.7	29.7	29.9	30.1	30.4	
16.8	29.7	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.4	30.4	30.6	30.6	30.8	31.0	31.2	
17.8	31.0	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.6	31.6	31.8	31.8	32.1	32.3	32.5	
18.7	34.2	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	35.0	35.0	35.2	35.5	35.7	
19.3	35.2	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.9	35.9	36.1	36.1	36.3	36.5	36.7	
21.7	39.9	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.6	40.6	40.8	40.8	41.0	41.2	41.4	
24.8	45.2	45.6	45.9	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.3	46.3	46.5	46.7	46.9	
28.2	51.0	51.4	51.6	51.6	51.6	51.8	51.8	51.8	52.0	52.0	52.2	52.2	52.4	52.7	52.9	
30.4	58.0	58.8	59.2	59.2	59.2	59.4	59.4	59.4	59.7	59.7	59.9	59.9	60.1	60.3	60.5	
32.5	62.0	63.1	63.9	63.9	63.9	64.1	64.3	64.3	64.5	64.5	64.8	64.8	65.0	65.2	65.4	
36.1	67.1	68.2	69.0	69.0	69.0	69.2	69.4	69.4	69.6	69.6	69.9	69.9	70.1	70.3	70.5	
36.7	68.8	70.5	71.3	71.3	71.3	71.5	71.8	71.8	72.0	72.0	72.2	72.2	72.4	72.6	72.8	
36.9	70.1	71.8	72.6	72.8	72.8	73.0	73.2	73.2	73.5	73.5	73.7	73.7	73.9	74.1	74.3	
37.4	71.8	73.9	74.9	75.6	75.6	75.8	76.0	76.0	76.2	76.2	76.4	76.4	76.9	77.1	77.3	
37.8	73.7	75.8	76.9	77.9	77.9	78.1	79.2	79.2	79.4	79.4	79.6	79.6	80.0	80.3	80.5	
37.8	73.9	76.0	77.1	78.1	78.1	78.3	79.4	79.4	79.6	79.6	79.8	79.8	80.3	80.5	80.7	
38.0	74.5	77.1	78.1	79.4	79.4	79.8	80.9	80.9	81.1	81.1	81.3	81.3	81.7	82.0	82.2	
38.0	75.4	78.3	79.4	80.7	80.7	81.1	82.2	82.2	82.4	82.4	82.6	82.6	83.0	83.4	83.7	
38.0	76.0	79.0	80.0	81.3	81.3	81.7	83.2	83.2	84.1	84.1	84.3	84.3	84.7	85.1	85.4	
38.0	76.2	79.2	80.3	81.7	81.7	82.2	83.9	83.9	85.4	85.4	85.6	85.6	86.0	86.4	86.6	
38.0	76.2	79.2	80.5	82.2	82.2	82.6	84.3	84.3	85.8	86.0	86.2	86.4	86.8	87.3	87.5	
38.0	76.9	79.8	81.3	83.0	83.0	83.4	85.1	85.1	87.0	87.5	87.7	88.1	88.5	89.0	89.2	
38.0	76.9	80.0	81.7	83.4	83.4	83.9	85.8	85.8	87.7	88.1	88.5	89.2	89.6	90.0	90.2	
38.0	77.3	80.5	82.2	84.1	84.1	84.9	87.0	87.0	89.4	90.0	90.9	92.8	93.2	93.6	94.1	
38.0	77.5	80.7	82.4	84.5	84.7	85.6	87.7	87.7	90.2	91.3	92.1	94.3	94.9	95.3	96.4	
38.0	78.1	81.3	83.0	85.1	85.4	86.4	88.7	88.7	91.5	92.6	93.4	95.8	96.8	97.7	98.9	
38.0	78.3	81.5	83.2	85.4	85.6	86.6	89.0	89.0	91.7	92.8	93.6	96.0	97.0	97.9	99.4	
38.0	78.6	82.0	83.7	85.8	86.0	87.0	89.4	89.4	92.1	93.2	94.1	96.4	97.5	98.3	99.8	
38.0	78.6	82.0	83.7	85.8	86.0	87.0	89.4	89.4	92.1	93.2	94.1	96.4	97.5	98.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

	18.8	26.4	26.6	27.0	27.2	27.4	27.4	27.4	27.4	27.6	27.8	27.8	28.1	28.1	28.3	28.5
	20.7	28.7	28.9	29.3	29.5	29.7	30.0	30.0	30.0	30.2	30.4	30.4	30.6	30.6	30.8	31.0
	21.1	29.7	30.0	30.4	30.6	30.8	31.0	31.0	31.0	31.2	31.4	31.4	31.6	31.6	31.9	32.1
	21.3	30.0	30.2	30.6	30.8	31.0	31.2	31.2	31.2	31.4	31.6	31.6	31.9	31.9	32.1	32.3
	21.7	31.0	31.2	31.6	31.9	32.1	32.3	32.3	32.3	32.5	32.7	32.7	32.9	32.9	33.1	33.3
	22.4	33.5	34.0	34.4	34.6	34.8	35.0	35.0	35.0	35.2	35.4	35.4	35.7	35.7	35.9	36.1
	25.1	37.6	38.0	38.4	38.6	38.8	39.0	39.0	39.0	39.5	39.7	39.7	39.9	39.9	40.1	40.3
	26.2	38.6	39.0	39.5	39.7	39.9	40.1	40.1	40.1	40.5	40.7	40.7	40.9	40.9	41.1	41.4
	31.0	46.0	46.4	46.8	47.0	47.3	47.5	47.5	47.5	47.9	48.1	48.1	48.3	48.3	48.5	48.7
	35.2	53.8	54.6	55.1	55.3	55.5	55.7	55.7	55.7	56.1	56.3	56.3	56.5	56.5	56.8	57.0
	37.1	57.6	58.4	58.9	59.1	59.3	59.5	59.5	59.5	59.9	60.1	60.1	60.3	60.3	60.5	60.8
	40.5	64.6	65.4	66.0	66.2	66.5	66.7	66.7	66.7	67.1	67.3	67.3	67.5	67.5	67.7	67.9
	42.8	67.1	67.9	68.6	68.8	69.0	69.2	69.2	69.2	69.6	69.8	69.8	70.0	70.0	70.3	70.5
	46.0	71.5	72.4	73.0	73.2	73.4	73.6	73.6	73.6	74.1	74.3	74.3	74.5	74.5	74.7	74.9
	46.4	72.8	74.1	74.9	75.1	75.3	75.7	75.7	75.7	76.2	76.4	76.4	76.6	76.6	76.8	77.0
	46.4	72.8	74.7	75.5	75.7	75.9	76.4	76.4	76.4	76.8	77.0	77.0	77.2	77.2	77.4	77.6
	46.4	73.6	75.7	77.0	77.4	77.8	78.9	79.1	79.1	79.7	80.0	80.0	80.2	80.2	80.4	80.6
	46.6	74.7	76.8	78.3	78.9	79.3	80.4	80.6	80.6	81.2	81.4	81.4	81.6	81.6	81.9	82.1
	46.6	75.1	77.2	78.7	79.3	79.7	80.8	81.0	81.0	81.6	81.9	81.9	82.1	82.1	82.3	82.5
	47.5	77.0	80.0	81.4	82.1	82.5	83.5	84.2	84.4	85.0	85.2	85.2	85.4	85.4	85.7	85.9
	47.5	77.2	80.2	81.6	82.7	83.1	84.4	85.0	85.2	85.9	86.1	86.1	86.3	86.3	86.5	86.7
	47.7	77.4	80.6	82.3	83.8	84.2	85.7	86.3	86.5	87.3	87.6	87.6	87.8	87.8	88.0	88.2
	47.7	77.8	81.0	82.9	84.4	84.8	86.3	87.3	87.6	88.4	88.6	88.6	88.8	88.8	89.0	89.2
	47.7	77.8	81.2	83.3	85.2	85.7	87.3	88.4	88.6	89.5	89.7	89.7	89.9	90.1	90.3	90.5
	47.7	78.1	81.4	83.5	85.4	85.9	87.6	88.6	88.8	89.9	90.3	90.7	91.1	91.4	91.6	91.8
	47.7	78.3	81.6	83.8	85.9	86.3	88.2	89.5	89.7	90.7	91.1	91.6	92.2	92.6	92.8	93.5
	47.7	78.5	81.9	84.0	86.3	86.7	88.8	90.1	90.3	91.6	92.6	93.2	94.3	94.9	95.1	95.8
	47.7	78.7	82.1	84.2	86.5	86.9	89.2	90.5	90.7	92.0	93.0	93.7	95.1	95.8	96.4	97.3
	47.7	78.9	82.3	84.4	86.7	87.1	89.5	90.7	90.9	92.4	93.5	94.1	95.6	96.2	97.3	98.7
	47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.0	96.6	97.9	99.6
	47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.2	96.8	98.1	100.0
	47.7	79.1	82.5	84.6	86.9	87.3	89.7	90.9	91.1	92.8	93.9	94.5	96.2	96.8	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 474

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 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

	22.6	29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	30.0	30.0	30.0	30.2
	24.3	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.5
	25.1	34.0	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.6
	25.3	34.2	34.2	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.6	34.6	34.8
	25.5	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.2	35.2	35.2	35.4
	27.2	38.4	38.4	38.4	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.8	38.8	38.8	39.0
	28.9	43.5	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	44.1
	29.7	44.5	44.5	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.9	44.9	44.9	45.1
	32.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.9
	37.3	58.9	58.9	58.9	58.9	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.5	59.5	59.5	59.7
	39.0	62.2	62.2	62.2	62.2	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	63.3
	43.0	69.0	69.0	69.0	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8	70.3
	45.4	71.5	71.5	71.5	71.7	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.8
	48.9	76.2	76.2	76.2	76.6	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.6
	49.4	78.1	78.3	78.5	79.1	79.3	79.5	79.7	79.7	79.7	79.7	79.7	80.0	80.0	80.0	80.4
	49.8	80.8	81.0	81.6	82.7	82.9	83.1	83.3	83.3	83.8	83.8	83.8	84.0	84.0	84.0	84.4
	50.0	82.9	83.5	84.4	85.4	85.7	85.9	86.1	86.1	86.7	86.7	86.7	86.9	86.9	86.9	87.3
	50.2	83.3	84.0	85.0	86.1	86.5	86.7	86.9	86.9	87.6	87.6	87.6	87.8	87.8	87.8	88.2
	50.2	84.2	84.8	85.9	87.1	87.6	87.8	88.0	88.0	88.6	88.6	88.6	88.8	88.8	88.8	89.2
	50.6	85.2	86.5	87.8	89.0	89.5	90.1	90.5	90.5	91.6	91.6	91.6	92.0	92.0	92.0	92.4
	50.6	85.4	86.7	88.0	89.5	90.1	90.7	91.4	91.4	92.4	92.4	92.4	92.8	92.8	92.8	93.2
	50.6	85.7	86.9	88.2	89.7	90.3	90.9	91.6	91.6	92.8	92.8	92.8	93.2	93.2	93.2	93.7
	50.6	85.9	87.3	88.8	90.3	90.9	91.6	92.2	92.2	93.5	93.5	93.5	93.9	93.9	93.9	94.3
	50.6	85.9	87.6	89.0	90.5	91.1	91.8	92.4	92.4	93.7	93.7	93.9	94.5	94.5	94.5	94.9
	50.6	85.9	87.6	89.0	90.5	91.4	92.0	93.0	93.0	94.3	94.3	94.5	95.4	95.8	95.8	96.2
	50.6	85.9	87.6	89.0	90.5	91.4	92.4	93.5	93.5	94.7	94.7	94.9	95.8	96.4	96.6	97.0
	50.6	85.9	87.6	89.0	90.5	91.4	92.4	93.7	93.7	94.9	95.4	95.8	96.8	97.5	97.7	98.1
	50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.4	99.8
	50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
	50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
	50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0
	50.6	86.1	87.8	89.5	90.9	91.8	93.0	94.3	94.3	95.8	96.2	96.8	98.5	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 474

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 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
≥ UNL	23.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8	30.0	30.0	30.4	31.0
≥ 20000	24.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1	32.1	32.1	32.3	32.3	32.8	33.4
≥ 15000	25.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.6	33.6	33.6	33.6	33.8	33.8	34.3	34.9
≥ 12000	26.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.7	34.7	34.7	34.7	34.9	34.9	35.3	36.0
≥ 10000	26.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.8	35.8	36.2	36.8
≥ 9000	27.4	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.4	39.4	39.8	40.5
≥ 8000	28.7	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.3	44.3	44.3	44.3	44.5	44.5	45.0	45.6
≥ 7000	29.1	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.6	45.6	46.0	46.7
≥ 6000	32.8	51.0	51.0	51.2	51.2	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.6	51.6	52.0	52.7
≥ 5000	37.7	61.2	61.2	61.5	61.5	61.5	61.5	61.5	61.7	61.9	61.9	61.9	62.1	62.1	62.5	63.2
≥ 4500	39.0	63.6	63.6	63.8	63.8	63.8	63.8	63.8	64.0	64.2	64.2	64.2	64.5	64.5	64.9	65.5
≥ 4000	41.3	70.2	70.2	70.7	70.7	70.7	70.7	70.7	70.9	71.1	71.1	71.1	71.3	71.3	71.7	72.4
≥ 3500	41.5	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.9	72.2	72.2	72.2	72.4	72.4	72.8	73.4
≥ 3000	44.3	75.6	75.6	76.2	76.4	76.4	76.4	76.4	76.7	76.9	76.9	76.9	77.1	77.1	77.5	78.2
≥ 2500	45.2	77.1	77.3	77.9	78.2	78.2	78.2	78.2	78.4	78	78.6	78.6	78.8	78.8	79.2	79.9
≥ 2000	46.5	80.5	81.2	82.2	83.7	83.7	83.7	83.7	83.9	84.2	84.2	84.2	84.4	84.4	84.8	85.4
≥ 1800	46.5	81.6	82.4	83.5	85.0	85.0	85.2	85.4	85.7	85.9	85.9	85.9	86.1	86.1	86.5	87.2
≥ 1500	46.5	82.4	83.7	84.8	86.7	87.2	87.4	87.6	87.8	88.0	88.0	88.0	88.2	88.2	88.7	89.3
≥ 1200	46.5	82.4	83.7	84.8	86.9	87.4	87.6	87.8	88.0	88.2	88.2	88.2	88.4	88.4	88.9	89.5
≥ 1000	46.5	83.1	84.6	85.9	88.4	89.1	89.7	89.9	90.1	90.6	90.6	90.6	90.8	90.8	91.2	91.9
≥ 900	46.5	83.1	84.8	86.1	89.1	89.7	90.4	90.8	91.0	91.4	91.4	91.4	91.9	91.9	92.3	92.9
≥ 800	46.5	83.3	85.4	86.7	89.9	90.6	91.2	91.6	91.9	92.7	92.7	92.9	93.4	93.4	93.8	94.4
≥ 700	46.5	83.3	85.9	87.2	90.6	91.2	91.9	92.5	92.7	93.6	93.6	93.8	94.2	94.2	94.6	95.3
≥ 600	46.5	83.3	85.9	87.4	91.0	91.6	92.3	92.9	93.1	94.0	94.4	94.6	95.1	95.1	95.5	96.1
≥ 500	46.7	83.7	86.3	87.8	91.6	92.3	92.9	93.6	93.8	94.6	95.1	95.3	95.7	95.7	96.1	96.8
≥ 400	46.7	83.9	86.5	88.0	91.9	92.5	93.1	93.8	94.0	94.9	95.3	95.5	95.9	95.9	96.4	97.0
≥ 300	46.7	83.9	86.5	88.0	91.9	92.5	93.1	93.8	94.0	94.9	95.3	95.5	96.1	96.6	97.0	97.6
≥ 200	46.7	83.9	86.5	88.0	92.1	92.7	93.4	94.0	94.2	95.1	95.9	96.1	96.8	97.2	97.6	98.3
≥ 100	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.5	96.4	96.6	97.2	97.6	98.5	99.1
≥ 0	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	96.8	97.4	97.9	98.9	99.8
≥ 0	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	97.0	97.6	98.1	99.1	100.0
≥ 0	46.7	83.9	86.5	88.0	92.3	92.9	93.8	94.4	94.6	95.7	96.6	97.0	97.6	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 967

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

20.8	32.6	32.8	33.0	33.3	33.3	33.5	33.7	33.7	33.9	33.9	33.9	34.1	34.1	34.4	34.4
21.1	34.1	34.4	34.6	34.8	34.8	35.0	35.3	35.3	35.5	35.5	35.5	35.7	35.7	35.9	35.9
21.1	34.8	35.0	35.3	35.5	35.5	35.9	36.1	36.1	36.4	36.4	36.4	36.6	36.6	36.8	36.8
21.3	35.3	35.5	35.7	35.9	35.9	36.4	36.6	36.6	36.8	36.8	36.8	37.0	37.0	37.3	37.3
22.1	35.9	36.1	36.4	36.6	36.6	37.0	37.3	37.3	37.5	37.5	37.5	37.7	37.7	37.9	37.9
22.2	37.7	37.9	38.1	38.4	38.4	38.8	39.0	39.0	39.2	39.2	39.2	39.5	39.5	39.7	39.7
23.7	42.1	42.4	42.6	42.8	42.8	43.2	43.5	43.5	43.7	43.7	43.7	43.9	43.9	44.1	44.1
23.7	43.0	43.2	43.5	43.7	43.7	44.1	44.3	44.3	44.6	44.6	44.6	44.8	44.8	45.0	45.0
25.5	45.7	45.9	46.1	46.3	46.3	46.8	47.0	47.0	47.2	47.2	47.2	47.5	47.5	47.7	47.7
28.6	56.5	56.8	57.0	57.2	57.2	57.6	57.9	57.9	58.1	58.1	58.1	58.3	58.3	58.5	58.5
30.2	59.4	59.6	59.9	60.1	60.1	60.5	60.8	60.8	61.0	61.0	61.0	61.2	61.2	61.4	61.4
31.7	66.3	66.5	66.7	67.0	67.0	67.4	67.6	67.6	67.8	67.8	67.8	68.1	68.1	68.3	68.3
31.9	67.2	67.4	67.6	67.8	67.8	68.3	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.2	69.2
33.7	72.3	72.5	72.7	73.2	73.2	73.6	73.8	73.8	74.1	74.1	74.1	74.3	74.3	74.5	74.5
35.3	75.4	76.1	76.5	76.9	76.9	77.4	77.8	77.8	78.0	78.0	78.0	78.3	78.3	78.5	78.5
35.9	78.0	80.0	81.2	82.5	82.5	83.1	83.6	83.6	84.0	84.0	84.0	84.3	84.3	84.5	84.5
36.1	79.8	81.8	83.1	84.5	84.5	85.1	85.6	85.6	86.0	86.0	86.0	86.3	86.3	86.5	86.5
36.1	80.3	82.3	83.8	85.1	85.1	85.8	86.3	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.1
36.1	80.3	82.3	83.8	85.1	85.1	85.8	86.3	86.3	86.7	86.7	86.7	86.9	86.9	87.1	87.1
36.1	80.3	82.3	83.8	85.6	85.6	86.5	86.9	86.9	87.4	87.4	87.4	87.6	87.6	87.8	87.8
36.1	80.5	82.7	84.7	86.7	86.9	87.8	88.2	88.2	88.7	88.7	88.7	88.9	88.9	89.1	89.1
36.1	81.6	83.8	85.8	87.8	88.0	88.9	89.8	89.8	90.2	90.2	90.2	90.5	90.5	90.7	90.7
36.1	81.6	83.8	85.8	88.0	88.2	89.1	90.7	90.7	91.6	91.6	91.6	91.8	91.8	92.0	92.0
36.1	81.6	83.8	86.0	88.2	88.5	89.4	91.1	91.1	92.5	92.9	92.9	93.1	93.1	93.3	93.3
36.1	81.8	84.0	86.3	88.7	88.9	89.8	91.6	91.6	92.9	93.3	93.3	93.6	93.6	93.8	93.8
36.1	82.0	84.3	86.5	88.9	89.1	90.0	91.8	91.8	93.1	93.8	93.8	94.0	94.0	94.2	94.2
36.1	82.3	84.5	86.7	89.8	90.0	90.9	92.7	92.7	94.2	94.9	94.9	95.1	95.1	95.3	95.3
36.1	82.3	85.1	87.4	90.5	90.7	91.8	93.6	93.6	95.1	95.8	95.8	96.5	96.5	96.9	96.9
36.1	82.3	85.1	87.4	91.1	91.4	92.5	94.2	94.2	95.8	96.7	96.7	97.3	97.3	97.8	98.2
36.1	82.7	85.6	87.8	91.8	92.0	93.1	94.9	94.9	96.5	97.3	97.3	98.0	98.0	98.4	99.3
36.1	82.7	85.6	87.8	92.0	92.2	93.6	95.6	95.6	97.1	98.0	98.0	98.7	98.7	99.1	100.0
36.1	82.7	85.6	87.8	92.0	92.2	93.6	95.6	95.6	97.1	98.0	98.0	98.7	98.7	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 451

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

20.2	29.3	29.4	29.6	29.7	29.7	29.8	29.8	29.9	30.0	30.1	30.1	30.3	30.3	30.6	30.8	
21.3	31.2	31.3	31.4	31.5	31.6	31.7	31.7	31.7	31.9	31.9	32.0	32.2	32.2	32.4	32.7	
21.6	32.2	32.3	32.5	32.6	32.6	32.8	32.8	32.8	33.0	33.0	33.1	33.3	33.3	33.5	33.8	
21.9	32.6	32.7	32.9	33.0	33.0	33.2	33.2	33.2	33.3	33.4	33.5	33.7	33.7	33.9	34.2	
22.2	33.5	33.6	33.7	33.8	33.9	34.0	34.1	34.1	34.2	34.3	34.3	34.5	34.6	34.8	35.0	
23.3	36.0	36.2	36.4	36.4	36.5	36.6	36.7	36.7	36.8	36.9	36.9	37.1	37.2	37.4	37.6	
24.7	40.4	40.5	40.7	40.8	40.9	41.0	41.0	41.1	41.2	41.3	41.4	41.6	41.6	41.8	42.1	
25.3	41.4	41.6	41.8	41.9	41.9	42.1	42.1	42.1	42.3	42.4	42.4	42.6	42.7	42.9	43.1	
28.2	46.3	46.4	46.6	46.7	46.8	46.9	47.0	47.0	47.1	47.2	47.3	47.5	47.5	47.7	48.0	
32.1	54.7	54.9	55.1	55.2	55.3	55.4	55.5	55.5	55.7	55.8	55.8	56.0	56.1	56.3	56.5	
34.2	58.4	58.7	58.9	59.0	59.0	59.2	59.3	59.3	59.5	59.6	59.6	59.8	59.9	60.1	60.4	
36.8	65.1	65.4	65.7	65.9	65.9	66.1	66.2	66.2	66.4	66.5	66.5	66.7	66.8	67.0	67.3	
38.2	67.2	67.6	68.1	68.3	68.3	68.5	68.6	68.6	68.8	68.9	69.0	69.2	69.2	69.4	69.7	
41.2	72.0	72.4	72.9	73.2	73.3	73.4	73.5	73.6	73.8	73.9	73.9	74.1	74.2	74.4	74.7	
41.9	73.8	74.6	75.1	75.5	75.6	75.8	76.0	76.0	76.2	76.3	76.3	76.5	76.6	76.8	77.1	
42.4	75.7	76.9	77.7	78.6	78.7	79.0	79.1	79.2	79.5	79.6	79.6	79.8	79.9	80.1	80.4	
42.6	77.2	78.7	79.7	80.8	80.9	81.4	81.6	81.6	82.1	82.1	82.2	82.4	82.4	82.7	83.0	
42.8	78.4	79.9	81.1	82.3	82.5	83.0	83.4	83.5	83.9	84.0	84.0	84.2	84.3	84.5	84.8	
42.9	78.7	80.2	81.4	82.6	82.9	83.3	83.8	83.8	84.2	84.3	84.4	84.6	84.6	84.9	85.1	
43.0	79.6	81.6	82.8	84.3	84.6	85.3	85.8	85.9	86.5	86.6	86.6	86.8	86.9	87.1	87.4	
43.0	80.0	82.2	83.6	85.3	85.7	86.4	87.0	87.1	87.7	87.8	87.8	88.1	88.2	88.4	88.7	
43.1	80.5	82.8	84.2	86.0	86.4	87.2	88.0	88.1	89.0	89.1	89.1	89.4	89.5	89.8	90.0	
43.1	80.6	83.1	84.6	86.5	86.9	87.7	88.8	88.9	90.0	90.1	90.1	90.4	90.5	90.8	91.0	
43.1	80.6	83.2	84.8	86.9	87.3	88.1	89.2	89.3	90.5	90.8	90.9	91.3	91.4	91.7	92.0	
43.1	81.0	83.5	85.1	87.3	87.7	88.6	89.9	90.0	91.3	91.7	91.9	92.4	92.6	92.8	93.1	
43.1	81.1	83.7	85.4	87.6	88.0	89.0	90.4	90.5	91.9	92.3	92.5	93.1	93.4	93.7	94.0	
43.1	81.4	83.9	85.6	88.0	88.4	89.6	91.0	91.1	92.7	93.3	93.7	94.8	95.2	95.5	95.9	
43.1	81.5	84.1	85.9	88.4	88.8	90.1	91.6	91.6	93.3	94.2	94.6	96.0	96.4	96.9	97.6	
43.1	81.6	84.3	86.0	88.7	89.1	90.5	92.0	92.1	93.9	94.8	95.2	96.6	97.1	97.9	98.9	
43.1	81.8	84.5	86.2	88.9	89.4	90.7	92.2	92.3	94.2	95.1	95.5	97.0	97.5	98.3	99.6	
43.1	81.9	84.6	86.4	89.1	89.5	90.9	92.5	92.5	94.4	95.3	95.8	97.3	97.8	98.6	99.9	
43.1	81.9	84.6	86.4	89.1	89.5	90.9	92.5	92.5	94.4	95.3	95.8	97.3	97.8	98.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 2558

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

20.1	38.4	38.4	38.4	38.4	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.7	39.7	40.2	40.2	
20.1	38.4	38.4	38.4	38.4	38.4	38.4	39.3	39.3	39.3	39.3	39.3	39.7	39.7	40.2	40.2	
20.1	39.3	39.3	39.3	39.3	39.3	39.3	40.2	40.2	40.2	40.2	40.2	40.6	40.6	41.1	41.1	
20.1	39.3	39.3	39.3	39.3	39.3	39.3	40.2	40.2	40.2	40.2	40.2	40.6	40.6	41.1	41.1	
20.5	40.6	40.6	40.6	40.6	40.6	40.6	41.5	41.5	41.5	41.5	41.5	42.0	42.0	42.4	42.4	
21.0	43.8	43.8	43.8	43.8	43.8	43.8	44.6	44.6	44.6	44.6	44.6	45.1	45.1	45.5	45.5	
25.0	48.2	48.2	48.2	48.2	48.2	48.2	49.1	49.1	49.1	49.1	49.1	49.6	49.6	50.4	50.4	
25.4	50.0	50.0	50.0	50.0	50.0	50.0	50.9	50.9	50.9	50.9	50.9	51.3	51.3	52.2	52.2	
28.6	55.8	55.8	55.8	55.8	55.8	55.8	56.7	56.7	56.7	56.7	56.7	57.1	57.1	58.0	58.0	
29.9	59.8	59.8	59.8	59.8	59.8	60.3	61.2	61.2	61.2	61.2	61.2	61.6	61.6	62.5	62.5	
32.1	64.3	64.3	64.3	64.3	64.3	64.7	65.6	65.6	65.6	65.6	65.6	66.1	66.1	67.0	67.0	
33.9	67.0	67.0	67.0	67.0	67.0	67.4	68.3	68.3	68.3	68.3	68.3	68.8	68.8	69.6	69.6	
34.4	71.0	71.0	71.0	71.0	71.0	71.4	72.3	72.3	72.3	72.3	72.3	72.8	72.8	73.7	73.7	
35.3	76.8	77.2	77.2	77.2	77.2	77.7	78.6	78.6	78.6	78.6	78.6	79.0	79.0	79.9	79.9	
35.3	77.2	77.7	77.7	77.7	77.7	78.1	79.0	79.0	79.0	79.0	79.0	79.5	79.5	80.4	80.4	
35.7	78.6	79.0	79.0	79.9	79.9	80.8	81.7	81.7	81.7	81.7	81.7	82.1	82.1	83.0	83.0	
35.7	79.9	80.8	80.8	81.7	81.7	82.6	83.5	83.5	83.5	83.5	83.5	83.9	83.9	84.8	84.8	
35.7	81.3	82.1	82.1	84.4	84.4	85.3	86.2	86.2	86.2	86.2	86.2	86.6	86.6	87.5	87.5	
35.7	82.6	83.5	83.5	86.2	86.2	87.1	87.9	87.9	87.9	87.9	87.9	88.4	88.4	89.3	89.3	
35.7	83.9	84.8	84.8	87.5	87.5	88.4	89.3	89.3	89.3	89.3	89.3	89.7	89.7	90.6	90.6	
35.7	83.9	84.8	84.8	87.5	87.5	88.4	89.3	89.3	89.3	89.3	89.3	89.7	89.7	90.6	90.6	
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5	
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5	
35.7	83.9	84.8	84.8	88.4	88.4	89.3	90.2	90.2	90.2	90.2	90.2	90.6	90.6	91.5	91.5	
35.7	84.4	85.3	85.3	88.8	88.8	89.7	90.6	90.6	90.6	90.6	90.6	91.1	91.1	92.0	92.0	
35.7	84.8	85.7	85.7	89.3	89.3	90.2	91.5	91.5	91.5	91.5	91.5	92.0	92.0	92.9	92.9	
35.7	85.3	86.2	86.2	89.7	89.7	90.6	92.0	92.0	92.0	92.0	92.0	92.4	92.4	93.3	93.3	
36.2	86.2	87.1	87.1	90.6	90.6	91.5	92.9	92.9	93.8	93.8	93.8	94.2	94.2	95.1	95.1	
36.2	86.6	87.5	87.5	91.1	91.1	92.0	93.3	93.3	94.2	94.2	94.2	94.6	94.6	96.0	96.0	
36.2	86.6	87.9	87.9	91.5	91.5	92.4	93.8	93.8	95.1	95.1	95.1	96.0	96.0	97.3	98.2	
36.2	86.6	87.9	87.9	91.5	91.5	92.4	93.8	93.8	95.5	96.0	96.0	96.9	96.9	98.2	99.6	
36.2	87.1	88.4	88.4	92.0	92.0	92.9	94.2	94.2	96.0	96.4	96.4	97.3	97.3	98.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 224

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 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

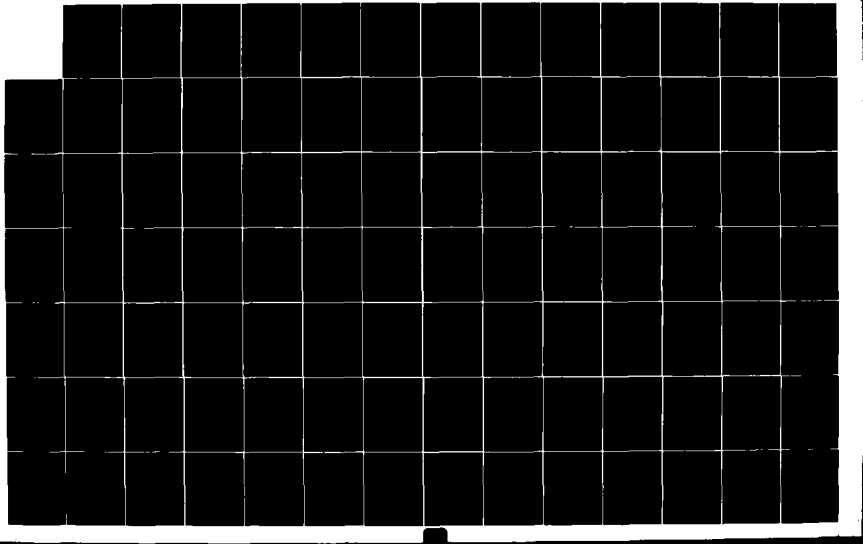
0600-0800

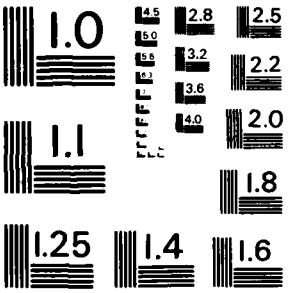
19.4	39.7	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.9	40.9
19.4	39.7	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.9	40.9
19.4	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.3	42.3
19.4	41.1	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.9	41.9	42.3	42.3
19.4	41.7	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.9	42.9
19.4	42.9	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	[illegible]	44.2	44.2
22.1	46.4	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.6	47.6
22.9	47.9	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	49.1	49.1
26.8	54.4	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	55.6	55.6
28.2	59.3	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.5	60.5
29.4	63.8	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6	65.0	65.0
32.5	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.5	69.5	69.9	69.9
33.3	70.8	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	[illegible]	71.6	72.0	72.0
35.0	77.1	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5	78.7	78.7	79.1	79.1
35.2	77.9	78.7	78.9	79.3	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.8	79.8	80.2	80.2
35.6	80.0	81.0	81.2	81.8	81.8	81.8	81.8	81.8	82.2	82.2	82.2	82.4	82.4	82.8	82.8
36.0	82.8	83.8	84.3	85.5	85.5	85.5	85.9	85.9	86.3	86.3	86.3	86.5	86.5	86.9	86.9
36.0	82.8	83.8	84.3	85.5	85.5	85.7	86.5	86.5	86.9	86.9	86.9	87.1	87.1	87.5	87.5
36.0	83.2	84.3	84.7	85.9	85.9	86.1	86.9	86.9	87.3	87.3	87.3	87.5	87.5	87.9	87.9
36.2	84.0	85.1	85.7	87.5	87.7	88.1	89.0	89.0	89.4	89.4	89.4	89.6	89.6	90.0	90.0
36.2	84.0	85.1	85.7	87.5	87.7	88.1	89.0	89.0	89.4	89.4	89.4	89.6	89.6	90.0	90.0
36.2	84.3	85.3	35.9	87.7	87.9	88.3	89.6	89.6	90.2	90.2	90.2	90.4	90.4	90.8	90.8
36.2	84.7	85.7	86.3	88.1	88.3	88.8	90.2	90.2	90.8	90.8	90.8	91.0	91.0	91.4	91.4
36.2	84.9	85.9	86.5	88.5	89.0	89.4	90.8	90.8	92.0	92.0	92.0	92.2	92.2	92.6	92.6
36.2	84.9	85.9	86.5	88.5	89.0	89.4	90.8	90.8	92.0	92.0	92.0	92.2	92.2	92.6	92.6
36.2	85.1	86.1	86.7	88.8	89.2	89.6	91.2	91.2	92.4	92.4	92.4	92.6	92.6	93.0	93.0
36.2	85.3	86.3	86.9	89.2	89.6	90.2	91.8	91.8	93.0	93.0	93.0	93.5	93.5	93.9	93.9
36.2	85.7	86.7	87.5	90.0	90.4	91.0	92.6	92.6	94.3	94.5	94.5	94.9	94.9	95.3	95.3
36.2	85.7	86.9	87.7	90.2	90.8	91.4	93.0	93.0	94.7	94.9	94.9	95.5	95.5	95.9	95.9
36.4	86.3	87.5	89.0	91.6	92.2	92.8	94.5	94.5	96.1	96.3	96.3	97.1	97.1	97.8	98.0
36.4	86.7	87.9	89.4	92.2	92.8	93.5	95.1	95.1	96.9	97.3	97.3	98.2	98.2	98.8	99.6
36.4	86.7	87.9	89.4	92.2	92.8	93.5	95.3	95.3	97.1	97.5	97.5	98.4	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 989

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY '(LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
≥22000	17.2	33.9	34.1	34.7	35.2	35.2	35.2	35.2	35.2	35.6	35.8	35.8	36.0	36.0	36.4	36.6		
22000	17.4	34.3	34.5	35.2	35.6	35.6	35.6	35.6	35.6	36.2	36.4	36.4	36.6	36.6	37.0	37.2		
18000	17.4	34.9	35.2	35.8	36.2	36.2	36.2	36.2	36.2	36.8	37.0	37.0	37.2	37.2	37.6	37.8		
14000	18.0	36.4	36.8	37.4	37.8	37.8	37.8	37.8	37.8	38.4	38.6	38.6	38.8	38.8	39.2	39.6		
12000	18.4	36.8	37.2	37.8	38.2	38.2	38.2	38.2	38.2	38.8	39.0	39.0	39.2	39.2	39.6	40.0		
10000	19.4	38.2	38.6	39.2	39.6	39.6	39.6	39.6	39.6	40.2	40.4	40.4	40.6	40.6	41.0	41.4		
9000	21.8	42.0	42.4	43.0	43.6	43.6	43.6	43.6	43.6	44.2	44.4	44.4	44.6	44.8	45.3	45.7		
8000	23.8	44.6	45.1	45.7	46.3	46.3	46.3	46.3	46.3	46.9	47.1	47.1	47.3	47.5	47.9	48.3		
7000	27.5	50.7	51.1	51.7	52.3	52.3	52.3	52.3	52.3	52.9	53.1	53.1	53.3	53.5	53.9	54.3		
6000	32.1	58.0	58.4	59.0	60.0	60.0	60.2	60.2	60.2	60.8	61.0	61.0	61.2	61.4	61.8	62.2		
5000	32.7	60.6	61.0	61.6	62.6	62.6	62.8	62.8	62.8	63.4	63.6	63.6	64.0	64.2	64.6	65.1		
4500	34.5	64.6	65.1	65.7	66.7	66.7	66.9	66.9	66.9	67.5	67.7	67.7	68.3	68.5	68.9	69.3		
4000	35.2	66.9	67.3	67.9	68.9	68.9	69.1	69.1	69.1	69.7	69.9	69.9	70.5	70.7	71.1	71.5		
3500	36.9	74.1	75.2	76.2	77.6	77.8	78.0	78.0	78.0	78.6	78.8	78.8	79.4	79.6	80.0	80.4		
3000	37.6	76.0	77.2	78.2	79.6	79.8	80.0	80.0	80.0	80.6	80.8	80.8	81.4	81.6	82.0	82.4		
2500	37.6	76.6	77.8	78.8	80.4	80.8	81.0	81.0	81.0	81.6	81.8	81.8	82.4	82.6	83.0	83.4		
2000	38.2	78.8	80.2	81.6	83.6	84.0	84.2	84.2	84.2	84.8	85.1	85.1	85.7	85.9	86.3	86.7		
1800	38.6	79.6	81.4	83.0	85.1	85.5	85.7	85.7	85.7	86.5	86.7	86.7	87.3	87.5	87.9	88.3		
1600	38.6	79.6	81.4	83.0	85.3	85.7	85.9	85.9	86.1	86.9	87.1	87.1	87.7	87.9	88.3	88.7		
1400	38.6	80.0	82.0	83.8	86.3	86.9	87.1	87.3	87.5	88.3	88.7	88.7	89.3	89.5	89.9	90.3		
1200	38.6	80.2	82.2	84.0	86.5	87.1	87.5	87.7	87.9	88.7	89.1	89.1	89.7	89.9	90.3	90.7		
1000	38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.5	91.1	91.1	91.7	91.9	92.5	92.9		
900	38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.5	91.1	91.1	91.7	91.9	92.5	92.9		
800	38.8	80.8	82.8	84.6	87.1	87.7	88.1	88.7	88.9	90.9	91.5	91.5	92.1	92.3	92.9	93.3		
700	38.8	81.0	83.0	84.8	87.3	87.9	88.3	88.9	89.1	91.1	91.7	91.7	92.3	92.5	93.1	93.5		
600	38.8	81.2	83.2	85.1	87.5	88.1	88.5	89.1	89.3	91.3	91.9	91.9	92.7	92.9	93.5	93.9		
500	38.8	81.6	83.6	85.7	88.3	88.9	89.3	89.9	90.1	92.1	92.7	92.7	93.7	93.9	94.5	94.9		
400	38.8	81.6	83.6	85.7	88.3	88.9	89.3	89.9	90.1	92.3	92.9	92.9	93.9	94.1	94.7	96.0		
300	38.8	81.8	83.8	85.9	89.1	89.7	90.1	90.9	91.1	93.3	93.9	93.9	95.2	95.4	96.0	97.4		
200	38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.1	94.1	96.2	96.4	97.4	98.8		
100	38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.5	94.5	96.8	97.0	98.2	100.0		
0	38.8	81.8	83.8	85.9	89.3	89.9	90.3	91.1	91.3	93.5	94.5	94.5	96.8	97.0	98.2	100.0		

TOTAL NUMBER OF OBSERVATIONS 495

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

/ 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	19.1	32.4	33.1	33.7	33.9	33.9	34.1	34.1	34.1	34.3	34.3	34.3	34.5	34.5	34.5	34.5
	19.9	33.5	34.1	34.7	34.9	34.9	35.1	35.1	35.1	35.3	35.3	35.3	35.5	35.5	35.5	35.5
	21.1	35.7	36.3	37.0	37.2	37.2	37.4	37.4	37.4	37.6	37.6	37.6	37.8	37.8	37.8	38.0
	21.6	36.6	37.2	37.8	38.0	38.0	38.2	38.2	38.2	38.4	38.4	38.4	38.6	38.6	38.6	38.8
	22.0	37.8	38.4	39.0	39.2	39.2	39.4	39.4	39.4	39.6	39.6	39.6	39.8	39.8	39.8	40.0
	24.6	40.7	41.3	41.9	42.1	42.1	42.3	42.3	42.3	42.5	42.5	42.5	42.7	42.7	42.7	42.9
	25.9	44.6	45.2	45.8	46.2	46.2	46.4	46.4	46.4	46.6	46.6	46.6	46.8	46.8	46.8	47.0
	27.3	46.4	47.0	47.6	48.0	48.0	48.3	48.3	48.3	48.5	48.5	48.5	48.7	48.7	48.7	48.9
	31.4	53.2	53.8	54.4	54.8	54.8	55.0	55.0	55.0	55.2	55.2	55.2	55.4	55.4	55.4	55.6
	37.2	61.4	62.2	62.8	63.2	63.2	63.4	63.4	63.4	63.7	63.7	63.7	63.9	63.9	63.9	64.1
	39.4	64.7	65.5	66.1	66.5	66.5	66.7	66.7	66.7	66.9	66.9	66.9	67.1	67.1	67.1	67.4
	42.3	69.0	69.8	70.4	70.8	70.8	71.0	71.0	71.0	71.3	71.3	71.3	71.5	71.5	71.5	71.7
	43.7	72.1	73.1	73.7	74.5	74.5	74.7	74.7	74.7	74.9	74.9	74.9	75.2	75.2	75.2	75.4
	44.4	77.2	78.6	79.9	80.7	80.7	81.1	81.1	81.1	81.3	81.3	81.3	81.5	81.5	81.5	81.7
	45.8	79.7	81.1	82.3	83.4	83.4	83.8	83.8	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.4
	46.6	83.0	84.6	86.0	87.1	87.1	88.1	88.1	88.1	88.5	88.9	88.9	89.1	89.1	89.1	89.3
	47.2	84.0	86.0	87.5	88.5	88.5	89.7	89.7	89.7	90.1	90.6	90.6	90.8	90.8	90.8	91.0
	47.4	84.2	86.2	87.7	89.1	89.1	90.3	90.3	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.6
	47.4	84.2	86.2	87.7	89.1	89.1	90.3	90.3	90.3	90.8	91.2	91.2	91.4	91.4	91.4	91.6
	47.4	84.6	86.7	88.1	89.7	89.7	91.2	91.2	91.2	91.8	92.2	92.2	92.4	92.4	92.4	92.6
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.0	92.2	92.8	93.2	93.2	93.4	93.4	93.4	93.6
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.6	93.0	93.6	94.0	94.0	94.3	94.3	94.3	94.5
	47.4	85.0	87.3	88.7	90.6	90.6	92.0	92.6	93.0	93.6	94.0	94.0	94.5	94.5	94.5	94.7
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	93.8	94.3	94.3	94.7	94.7	94.7	94.9
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	94.0	94.5	94.5	94.9	94.9	94.9	95.1
	47.4	85.0	87.3	88.7	90.8	90.8	92.2	92.8	93.2	94.0	94.5	94.5	94.9	94.9	94.9	95.1
	47.4	85.6	87.9	89.3	91.4	91.4	93.0	93.8	94.3	95.5	95.9	95.9	96.5	96.5	96.5	96.7
	47.4	85.6	88.1	89.5	91.6	91.6	93.2	94.0	94.5	95.7	96.1	96.1	96.7	96.7	96.7	97.1
	47.4	85.6	88.3	89.7	91.8	91.8	93.4	94.3	94.7	95.9	96.7	96.7	97.3	97.3	97.5	97.9
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	99.8
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	100.0
	47.4	85.6	88.3	89.9	92.2	92.2	93.8	94.7	95.3	96.9	97.9	97.9	98.6	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

21.0	35.0	35.2	35.2	35.6	35.6	35.6	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.2	36.2	
21.2	36.0	36.2	36.2	36.7	36.7	36.7	36.9	36.9	37.1	37.1	37.1	37.1	37.1	37.3	37.3	
21.9	37.7	37.9	37.9	38.3	38.3	38.3	38.6	38.6	38.8	38.8	38.8	38.8	38.8	39.0	39.0	
21.9	38.3	38.6	38.6	39.0	39.0	39.0	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.6	39.6	
21.9	38.6	38.8	38.8	39.2	39.2	39.2	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.8	39.8	
23.5	40.7	40.9	40.9	41.3	41.3	41.3	41.5	41.5	41.9	41.9	41.9	41.9	41.9	42.2	42.2	
23.7	43.0	43.2	43.2	43.6	43.6	43.6	43.9	43.9	44.3	44.3	44.3	44.3	44.3	44.5	44.5	
24.6	44.1	44.3	44.3	44.7	44.7	44.7	44.9	44.9	45.3	45.3	45.3	45.3	45.3	45.6	45.6	
28.2	49.6	49.8	49.8	50.2	50.2	50.2	50.4	50.4	50.8	50.8	50.8	50.8	50.8	51.1	51.1	
32.4	56.1	56.6	56.6	57.2	57.2	57.2	57.4	57.4	57.8	57.8	57.8	57.8	57.8	58.1	58.1	
33.1	57.2	57.6	57.6	58.3	58.3	58.3	58.5	58.5	58.9	58.9	58.9	58.9	58.9	59.1	59.1	
35.2	63.6	64.1	64.0	64.6	64.6	64.6	64.8	64.8	65.3	65.3	65.3	65.3	65.3	65.5	65.5	
35.6	66.5	66.9	66.9	67.6	67.6	67.6	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.4	68.4	
36.7	72.2	73.1	73.5	75.0	75.0	75.0	75.2	75.2	75.6	75.6	75.6	75.6	75.6	75.8	75.8	
38.8	76.3	77.1	77.8	79.2	79.2	79.2	79.4	79.4	79.9	79.9	79.9	79.9	79.9	80.1	80.1	
40.3	80.9	81.8	83.1	85.2	85.2	85.2	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.9	86.9	
40.9	82.0	82.8	84.1	86.4	86.4	86.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.3	88.3	
41.3	83.1	83.9	85.4	87.9	87.9	88.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0	
41.3	83.1	83.9	85.4	87.9	87.9	88.1	89.4	89.4	89.8	89.8	89.8	89.8	89.8	90.0	90.0	
41.3	83.5	84.5	86.0	89.4	89.6	90.0	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.9	91.9	
41.3	83.7	85.0	86.4	89.8	90.0	90.5	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.4	92.4	
41.3	83.9	85.2	86.7	90.0	90.3	90.7	91.9	91.9	92.8	92.8	92.8	92.8	92.8	93.0	93.0	
41.3	83.9	85.2	86.7	90.3	90.5	90.9	92.2	92.2	93.0	93.0	93.0	93.0	93.2	93.4	93.4	
41.3	83.9	85.2	86.7	90.5	90.7	91.1	92.6	92.6	93.9	93.9	93.9	93.9	94.3	94.5	94.5	
41.3	83.9	85.2	86.7	90.5	90.7	91.1	92.6	92.6	93.9	93.9	93.9	93.9	94.3	94.5	94.5	
41.3	84.3	85.6	87.1	90.9	91.1	91.5	93.0	93.0	94.3	94.3	94.3	94.3	94.7	94.9	94.9	
41.9	85.6	86.9	88.3	92.2	92.4	92.8	94.3	94.3	96.0	96.0	96.0	96.0	96.4	96.6	96.6	
42.4	86.2	87.5	89.0	92.8	93.0	93.4	94.9	95.1	96.8	96.8	96.8	96.8	97.2	97.5	97.5	
42.4	86.2	87.5	89.0	93.0	93.2	93.6	95.1	95.3	97.5	97.7	97.7	97.7	98.1	98.3	98.3	
42.4	86.2	87.5	89.0	93.0	93.2	93.6	95.1	95.3	97.7	98.1	98.1	98.1	98.5	98.9	99.2	
42.4	86.2	87.5	89.0	93.0	93.2	93.9	95.3	95.6	97.9	98.3	98.3	98.5	98.9	99.4	99.8	
42.4	86.4	87.7	89.2	93.2	93.4	94.1	95.6	95.8	98.1	98.5	98.5	98.7	99.2	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 472

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)																
	[illegible]	[illegible]	[illegible]	3/4	2	2 1/2	3	4	5	7	10	15	20	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	18.5	36.3	36.6	36.6	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
[illegible]	19.0	36.8	37.0	37.0	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
[illegible]	19.9	38.1	38.4	38.4	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
[illegible]	19.9	38.8	39.1	39.1	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
[illegible]	19.9	38.8	39.1	39.1	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
[illegible]	21.2	40.2	40.4	40.4	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
[illegible]	22.8	43.8	44.0	44.0	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
[illegible]	23.3	44.9	45.1	45.1	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
[illegible]	25.3	49.4	49.9	49.9	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
[illegible]	29.8	55.5	56.2	56.2	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
[illegible]	30.7	57.8	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
[illegible]	33.6	63.4	64.1	64.1	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]	34.8	66.8	67.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
[illegible]	35.9	74.0	75.2	75.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
[illegible]	36.6	76.3	77.4	77.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
[illegible]	38.1	79.7	82.4	83.1	84.9	84.9	85.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
[illegible]	38.6	81.0	84.0	84.7	86.5	86.5	86.9	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible]	39.1	82.8	86.0	86.9	88.7	89.2	89.6	90.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
[illegible]	39.1	82.8	86.0	86.9	88.7	89.2	89.6	90.7	90.7	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
[illegible]	39.1	82.8	86.0	86.9	89.2	89.6	90.3	91.4	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	39.1	82.8	86.0	86.9	89.2	89.6	90.7	91.9	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
[illegible]	39.1	82.8	86.0	86.9	89.4	90.1	91.4	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
[illegible]	39.1	82.8	86.0	86.9	89.4	90.1	91.4	92.6	92.6	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
[illegible]	39.1	83.1	86.2	87.1	89.6	90.3	91.9	93.0	93.0	93.9	93.9	93.9	93.9	94.4	94.4	94.4	94.4
[illegible]	39.1	83.1	86.2	87.1	89.6	90.3	91.9	93.0	93.0	93.9	93.9	93.9	94.4	94.4	94.4	94.4	94.4
[illegible]	39.1	83.3	86.5	87.4	90.3	91.0	92.6	93.7	93.7	94.6	94.8	94.8	95.3	95.3	95.3	95.3	95.3
[illegible]	39.1	83.7	86.9	87.8	90.7	91.4	93.0	94.1	94.1	95.7	95.9	95.9	96.4	96.4	96.4	96.4	96.4
[illegible]	39.5	84.9	88.0	88.9	92.1	92.8	94.4	96.2	96.2	97.7	98.0	98.0	98.4	98.4	98.4	98.4	98.4
[illegible]	39.5	84.9	88.3	89.4	92.6	93.2	95.0	96.8	96.8	98.4	98.6	98.6	99.1	99.1	99.1	99.1	99.1
[illegible]	39.5	85.1	88.5	89.6	92.8	93.5	95.3	97.1	97.1	98.6	98.9	98.9	99.3	99.3	99.3	99.3	99.3
[illegible]	39.5	85.1	88.5	89.8	93.0	93.9	95.7	97.5	97.5	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0
[illegible]	39.5	85.1	88.5	89.8	93.0	93.9	95.7	97.5	97.5	99.1	99.3	99.3	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 443

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

GL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

19.1	35.7	36.0	36.2	36.6	36.6	36.6	36.7	36.7	36.9	36.9	36.9	37.1	37.1	37.3	37.4	
19.4	36.2	36.6	36.8	37.1	37.1	37.2	37.3	37.3	37.5	37.5	37.5	37.7	37.7	37.9	37.9	
19.9	37.7	38.0	38.2	38.5	38.5	38.6	38.7	38.7	38.9	38.9	38.9	39.1	39.1	39.3	39.4	
20.1	38.3	38.7	38.9	39.2	39.2	39.3	39.4	39.4	39.6	39.6	39.6	39.8	39.8	40.0	40.1	
20.3	38.9	39.2	39.5	39.8	39.8	39.8	40.0	40.0	40.2	40.2	40.2	40.3	40.3	40.6	40.7	
21.6	40.8	41.1	41.4	41.7	41.7	41.8	41.9	41.9	42.1	42.1	42.1	42.3	42.3	42.5	42.6	
23.4	44.3	44.7	44.9	45.3	45.3	45.4	45.5	45.5	45.7	45.7	45.7	45.9	45.9	46.2	46.3	
24.5	46.0	46.3	46.6	47.0	47.0	47.0	47.1	47.1	47.4	47.4	47.4	47.5	47.6	47.9	48.0	
27.9	51.9	52.3	52.5	52.9	52.9	53.0	53.1	53.1	53.3	53.3	53.3	53.5	53.5	53.8	53.9	
31.9	58.3	58.8	59.0	59.5	59.5	59.7	59.8	59.8	60.0	60.0	60.0	60.2	60.2	60.5	60.6	
33.0	61.2	61.7	61.9	62.5	62.5	62.6	62.7	62.7	62.9	63.0	63.0	63.1	63.2	63.4	63.6	
35.5	66.0	66.5	66.7	67.3	67.3	67.4	67.5	67.5	67.8	67.8	67.8	68.0	68.1	68.4	68.5	
36.4	68.9	69.4	69.6	70.3	70.3	70.4	70.5	70.5	70.7	70.8	70.8	71.0	71.0	71.3	71.4	
37.5	75.1	76.1	76.7	77.6	77.7	77.8	78.0	78.0	78.2	78.3	78.3	78.5	78.5	78.8	78.9	
38.5	77.2	78.3	78.9	79.9	80.0	80.1	80.3	80.3	80.5	80.6	80.6	80.8	80.8	81.1	81.2	
39.3	79.9	81.3	82.1	83.5	83.6	83.9	84.4	84.4	84.8	84.9	84.9	85.1	85.1	85.4	85.5	
39.8	81.6	83.1	84.1	85.7	85.8	86.2	86.8	86.8	87.2	87.3	87.3	87.5	87.5	87.8	87.9	
40.1	82.4	84.1	85.1	87.0	87.1	87.6	88.3	88.3	88.8	88.9	88.9	89.2	89.2	89.5	89.6	
40.1	82.6	84.3	85.3	87.2	87.4	87.9	88.5	88.6	89.1	89.2	89.2	89.5	89.5	89.8	89.9	
40.1	83.1	84.8	86.0	88.3	88.6	89.2	89.9	90.0	90.5	90.7	90.7	90.9	91.0	91.2	91.3	
40.1	83.2	85.1	86.2	88.6	88.9	89.6	90.3	90.4	91.0	91.1	91.1	91.3	91.4	91.6	91.8	
40.2	83.4	85.2	86.4	88.9	89.2	90.0	91.0	91.1	91.9	92.1	92.1	92.3	92.4	92.7	92.8	
40.2	83.5	85.3	86.5	89.0	89.3	90.1	91.1	91.2	92.1	92.3	92.3	92.5	92.6	92.9	93.0	
40.2	83.6	85.4	86.6	89.2	89.5	90.4	91.4	91.5	92.6	92.8	92.8	93.2	93.3	93.6	93.7	
40.2	83.6	85.5	86.6	89.3	89.6	90.5	91.5	91.6	92.8	93.0	93.0	93.3	93.4	93.7	93.8	
40.2	83.9	85.7	86.9	89.6	89.9	90.8	91.9	92.0	93.1	93.4	93.4	93.8	93.9	94.2	94.3	
40.3	84.4	86.3	87.5	90.3	90.6	91.5	92.7	92.8	94.2	94.4	94.4	94.9	95.1	95.4	95.5	
40.5	84.9	86.8	88.0	90.9	91.2	92.1	93.4	93.6	95.2	95.4	95.4	95.9	96.1	96.4	96.7	
40.5	85.0	87.0	88.2	91.3	91.6	92.6	93.9	94.1	95.7	96.1	96.1	96.7	96.8	97.2	97.5	
40.5	85.1	87.2	88.6	91.7	92.1	93.1	94.4	94.6	96.4	96.9	96.9	97.7	97.8	98.4	98.9	
40.5	85.2	87.2	88.7	91.9	92.3	93.3	94.6	94.8	96.7	97.3	97.3	98.2	98.3	99.0	99.8	
40.5	85.3	87.3	88.8	92.0	92.4	93.4	94.7	94.9	96.8	97.4	97.4	98.3	98.4	99.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 2610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2736 FT RICHARDSON AK 77-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)																	
	23.7	31.0	31.1	31.1	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.4	31.4	31.4	31.5	31.6	
	26.5	34.3	34.4	34.4	34.5	34.5	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.8	34.9	34.9	
	27.9	36.3	36.4	36.4	36.5	36.6	36.6	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.9	37.0	
	28.2	36.9	37.0	37.0	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.4	37.4	37.5	37.6	
	28.6	37.5	37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.9	37.9	38.0	38.0	38.1	38.2	
	30.6	40.2	40.3	40.4	40.5	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.8	40.9	
	34.3	45.5	45.6	45.7	45.8	45.8	45.8	45.8	45.9	45.9	46.0	46.0	46.0	46.1	46.2	46.2	
	36.1	48.0	48.1	48.1	48.2	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.6	48.7	
	40.5	54.6	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.1	55.2	55.2	55.3	55.4	
	45.4	62.1	62.3	62.3	62.5	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.8	62.8	62.9	63.0	
	47.8	66.5	66.6	66.7	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.4	
	53.4	75.7	76.0	76.1	76.3	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.7	76.7	76.8	76.9	
	55.4	78.7	79.0	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.9	80.0	
	57.8	82.9	83.4	83.6	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.3	84.4	84.5	84.6	
	58.9	85.0	85.5	85.8	86.2	86.2	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.8	86.8	
	59.7	86.9	87.7	88.1	88.6	88.6	88.8	88.8	88.8	89.0	89.0	89.0	89.1	89.1	89.3	89.4	
	60.1	88.1	89.0	89.5	90.1	90.1	90.3	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.9	
	60.4	89.0	89.9	90.5	91.2	91.3	91.5	91.7	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.2	
	60.4	89.1	90.1	90.7	91.4	91.5	91.7	91.9	91.9	92.1	92.1	92.1	92.2	92.2	92.4	92.5	
	60.7	89.8	90.9	91.6	92.5	92.7	93.0	93.2	93.2	93.4	93.5	93.5	93.6	93.6	93.7	93.8	
	60.8	90.4	91.6	92.3	93.3	93.5	93.9	94.1	94.1	94.4	94.5	94.5	94.6	94.6	94.7	94.8	
	60.9	90.8	92.1	92.9	94.1	94.3	94.7	95.0	95.1	95.4	95.5	95.5	95.7	95.7	95.8	95.9	
	61.0	90.9	92.2	93.0	94.2	94.5	94.9	95.3	95.3	95.7	95.8	95.8	96.0	96.0	96.2	96.2	
	61.0	91.0	92.3	93.2	94.4	94.7	95.2	95.6	95.6	96.1	96.2	96.3	96.4	96.5	96.6	96.7	
	61.0	91.1	92.4	93.3	94.6	94.9	95.4	95.8	95.9	96.4	96.6	96.6	96.8	96.9	97.0	97.1	
	61.0	91.2	92.5	93.4	94.7	95.0	95.6	96.1	96.1	96.7	96.9	96.9	97.2	97.2	97.4	97.5	
	61.0	91.3	92.7	93.6	95.0	95.3	96.0	96.5	96.6	97.3	97.6	97.6	98.0	98.0	98.2	98.3	
	61.1	91.5	92.9	93.8	95.3	95.6	96.3	96.8	96.9	97.7	98.0	98.1	98.5	98.6	98.8	99.0	
	61.1	91.6	93.0	93.9	95.4	95.7	96.4	97.0	97.1	98.0	98.3	98.4	98.8	98.9	99.2	99.5	
	61.1	91.6	93.0	94.0	95.5	95.8	96.5	97.1	97.2	98.1	98.5	98.6	99.0	99.1	99.4	99.8	
	61.1	91.6	93.1	94.0	95.5	95.8	96.6	97.1	97.3	98.2	98.6	98.6	99.1	99.2	99.5	100.0	
	61.1	91.6	93.1	94.0	95.5	95.9	96.6	97.2	97.3	98.2	98.6	98.7	99.2	99.2	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 31676

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

703736 FT RICHARDSON AK 77-82 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													
	03-05	16.1			22.8						14.1	47.0	6.7	149
	06-08	14.6			14.0						27.2	44.2	7.3	378
	09-11	9.2			14.7						36.1	40.0	7.7	415
	12-14	7.8			16.7						33.3	42.2	7.7	412
	15-17	8.9			21.9						31.0	39.2	7.3	406
	18-20	14.5			24.0						15.9	45.7	6.7	396
	21-23													
TOTALS		11.9			18.9						26.3	43.1	7.2	2106

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70736 FT RICHARDSON AK 77-82 FEB
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02													
	03-05	29.4			12.5						22.5	35.6	6.0	160
	06-08	21.0			18.6						25.0	35.4	6.3	404
	09-11	16.9			24.3						23.1	35.7	6.4	42
	12-14	20.1			19.9						27.7	32.2	6.3	422
	15-17	19.9			16.7						30.0	33.4	6.5	413
	18-20	24.1			19.8						23.8	32.4	6.0	389
	21-23													
TOTALS		21.9			18.6						25.8	34.1	6.3	2160

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

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (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													
	03-05	15.5			18.1						26.1	40.3	6.9	226
	06-08	7.7			20.6						33.9	37.8	7.4	519
	09-11	8.4			19.6						32.5	39.5	7.5	526
	12-14	6.9			21.4						34.9	36.8	7.5	529
	15-17	7.0			20.8						35.8	36.4	7.5	518
	18-20	9.6			21.4						33.7	35.3	7.2	481
	21-23													
TOTALS		9.2			20.3						32.8	37.7	7.3	2780

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70736 STATION | FT RICHARDSON AK STATION NAME | 77-82 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													
	03-05	9.4			19.3						27.5	43.8	7.4	233
	06-08	9.4			21.0						33.9	35.7	7.3	490
	09-11	6.7			21.4						36.5	35.5	7.5	496
	12-14	5.1			20.2						38.2	36.6	7.7	495
	15-17	4.3			25.8						32.9	37.4	7.5	489
	18-20	7.3			25.7						30.5	36.5	7.2	455
	21-23													
TOTALS		7.0			22.2						33.3	37.6	7.4	2658

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

72736 STATION | FT RICHARDSON AK STATION NAME | 77-82 PERIOD | MAY 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													
	03-05				17.0						48.2	34.8	8.3	276
	06-08	.4			19.7						43.4	36.5	8.1	498
	09-11	.6			16.9						45.6	36.9	8.3	498
	12-14	.4			15.3						49.0	35.3	8.4	498
	15-17	.6			15.4						48.9	39.1	8.4	486
	18-20	.6			17.1						44.2	38.1	8.3	462
	21-23													
TOTALS		.4			16.9						45.9	36.8	8.3	2718

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2736 FT RICHARDSON AK 77-82 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													
	03-05				13.9						43.4	42.7	8.6	295
	06-08	1.2			17.1						37.1	44.7	8.3	515
	09-11	.6			19.2						34.1	46.1	8.3	516
	12-14				18.2						36.8	45.0	8.4	516
	15-17				17.5						41.5	40.9	8.4	508
	18-20				15.0						47.0	38.0	8.5	492
	21-23													
TOTALS		.3			16.8						40.0	42.9	8.4	2582

GL BAL CLIMATOLOGY BRANCH
C AFETAC
A EATHER SERVICE/MAC

SKY COVER

7 ,736 FT RICHARDSON AK 77-82 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02													
	03-05				13.3						32.9	48.8	8.4	289
	06-08	2.3			1.0						33.9	48.7	8.4	513
	09-11	1.2			15.7						31.6	51.6	8.5	510
	12-14				17.2						33.7	49.1	8.5	511
	15-17	.4			15.4						38.4	45.8	8.5	500
	18-20	.6			13.7						40.3	45.4	8.6	476
	21-23													
TOTALS		.8			15.9						35.1	48.2	8.5	2799

GL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

SKY COVER

7[illegible]736 STATION | FT RICHARDSON AK STATION NAME | 77-82 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		
AU[illegible]	00-02													
	03-05	3.7			21.1						36.6	38.2	7.8	306
	06-08	4.0			21.5						32.3	42.2	7.8	526
	09-11	1.9			24.8						32.6	41.1	7.8	528
	12-14	.6			25.8						33.0	41.1	7.8	528
	15-17	.2			23.5						40.0	36.3	7.9	520
	18-20				24.5						41.0	38.6	7.9	503
	21-23													
TOTALS		1.8			23.4						36.0	38.9	7.8	2009

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

2

GL BAL CLIMATOLOGY BRANCH
- AFETAC
A[illegible] WEATHER SERVICE/MAC

SKY COVER

7 2736 STATION | FT RICHARDSON AK STATION NAME | 77-82 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													
	03-05	6.0			18.1						28.0	47.9	7.9	282
	06-08	3.5			16.4						35.5	44.7	8.1	488
	09-11	3.3			20.0						32.5	44.2	7.9	489
	12-14	1.6			24.4						29.1	44.9	7.8	488
	15-17	1.7			20.0						29.6	48.8	8.1	480
	18-20	1.1			22.7						27.9	48.3	8.0	462
	21-23													
TOTALS		2.9			23.3						30.8	46.5	8.0	2689

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 2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — PERIOD
OCT — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02													
	03-05	11.1			12.5						24.3	52.1	7.8	283
	06-08	4.8			11.4						33.5	51.4	8.5	502
	09-11	3.2			10.0						29.5	57.3	8.7	501
	12-14	2.6			13.1						28.6	55.8	8.5	504
	15-17	1.4			15.9						29.0	53.6	8.5	496
	18-20	3.6			17.7						22.5	56.2	8.2	475
	21-23													
TOTALS		4.5			13.3						27.9	54.8	8.4	2750

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02													
	03-05	13.3			13.8						18.3	54.6	7.5	216
	06-08	7.5			13.6						23.1	55.8	8.1	464
	09-11	4.7			16.2						26.0	53.1	8.1	469
	12-14	4.9			19.1						30.7	45.3	7.9	472
	15-17	6.1			20.8						25.3	47.8	7.7	462
	18-20	13.9			17.3						12.8	56.1	7.3	886
	21-23													
TOTALS		8.4			16.8						22.7	52.1	7.8	2531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 736 FT RICHARDSON AK 77-82 DEC
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		
DEC	00-02													
	03-05	16.9			12.2						19.5	45.5	6.9	220
	06-08	18.1			16.7						22.8	42.4	6.8	486
	09-11	8.4			20.1						28.7	42.7	7.5	487
	12-14	7.9			12.5						34.3	38.3	7.5	481
	15-17	12.0			19.8						26.4	48.3	7.4	470
	18-20	16.3			17.9						16.3	49.4	7.0	481
	21-23													
TOTALS		12.9			13.6						24.7	43.8	7.2	2585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 7736 FT RICHARDSON AK 77-82 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	11.9			18.9						26.3	43.1	7.2	2106
FEB		21.9			18.6						25.4	34.1	6.3	2166
MAR		9.2			20.3						32.8	37.7	7.3	2192
APR		7.0			22.2						33.3	37.6	7.4	2658
MAY		.4			16.9						45.9	36.8	8.3	2718
JUN		.3			16.8						40.0	42.9	8.8	2882
JUL		.8			15.9						35.1	48.2	8.5	2799
AUG		1.8			23.4						36.0	38.9	7.8	2909
SEP		2.9			23.3						30.4	46.5	8.0	2689
OCT		4.5			13.3						27.9	54.4	8.8	2758
NOV		8.9			16.8						22.7	52.1	7.8	2531
DEC		12.9			18.6						24.7	43.8	7.2	2585
TOTALS		6.8			18.5						31.7	43.0	7.7	31553

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative 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 (σ_X). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

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.

OL RAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC
21451 FT RICHARDSON AK 77-82
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
[illegible]							3.1	.6					.5
75							7.5	3.5					.9
70					3.2	11.0	19.4	14.8					4.4
65					7.1	32.3	50.6	43.8	7.7				12.8
60				.7	18.8	64.7	82.5	75.7	25.6				24.0
55				2.6	50.0	90.9	97.5	94.7	58.7	1.9			35.3
50			.6	28.9	87.7	100.0	100.0	100.0	97.1	13.8	1.3	.7	46.5
45	3.5	1.6	10.6	54.6	99.4				96.8	30.0	6.6	3.3	53.3
40	8.8	13.1	36.0	83.6	100.0				100.0	55.0	13.2	6.7	62.5
35	15.9	28.7	60.9	94.1						72.5	22.5	11.3	69.7
30	24.8	47.5	86.3	96.7						90.6	43.7	16.0	77.8
25	33.6	63.1	98.4	100.0						93.1	62.3	28.7	83.2
20	49.6	73.8	98.1							96.9	77.5	39.3	87.7
15	61.1	82.8	100.0							99.4	93.4	53.3	91.9
10	78.8	92.6								100.0	98.7	65.3	95.2
5	89.4	97.5									99.3	75.3	97.1
0	94.7	99.2									100.0	88.0	98.6
-5	98.2	100.0										95.3	99.5
-10	100.0											97.3	99.8
-15												100.0	100.0
MEAN	20.0	27.1	36.2	44.8	55.4	61.8	64.8	63.9	55.9	39.6	28.1	15.8	42.6
S.D.	12.986	11.325	6.927	6.433	5.569	5.576	5.882	5.862	5.719	8.831	9.708	14.097	18.671
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GL AL CLIMATOLOGY BRA CH
USAFETAC
A - EATHER SERVICE/MAC
2 461 FT RICHARDSON AK 77-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
55					.6	6.1	20.6	11.2					3.5
50					2.6	36.0	80.6	48.5	7.1				15.7
45					16.9	84.1	99.4	79.3	36.1	1.3	1.3		28.5
40		.8	1.9		57.1	98.2	100.0	95.3	67.1	13.8	3.3	.7	39.0
35	1.8	2.5	6.8	17.8	84.4	100.0		100.0	81.3	34.4	7.3	2.7	47.6
33	3.5	4.9	10.6	30.9	91.6				85.2	40.0	8.6	4.0	51.0
30	7.1	12.3	16.1	48.0	97.4				96.1	59.4	13.9	5.3	57.3
25	15.0	26.2	44.1	71.7	100.0				99.4	78.1	28.5	9.3	66.9
20	25.7	41.0	64.0	88.8					100.0	88.1	44.4	22.0	75.1
15	36.3	53.3	75.8	95.4						90.6	57.6	33.3	80.5
10	46.9	62.3	83.2	99.0						94.4	73.5	41.3	84.9
5	58.4	68.9	90.7	100.0						96.9	81.5	51.3	88.6
0	69.9	73.0	94.4							97.5	89.4	60.0	91.4
-5	82.3	81.1	98.8							98.1	98.7	70.0	94.8
-10	88.5	88.5	100.0							100.0	100.0	80.7	96.9
-15	94.7	93.4										91.3	98.5
-20	99.1	99.2										96.7	99.6
-25	100.0	100.0										99.3	99.9
-30												100.0	100.0
MEAN	8.3	12.0	20.8	27.9	39.9	48.1	52.1	48.9	41.3	29.5	16.8	5.3	29.2
S D	14.407	16.040	10.542	7.057	5.228	3.831	2.971	4.776	6.797	10.253	11.961	15.342	18.589
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

2 | 1461 | FT RICHARDSON AK | 77-82
STATION | STATION NAME | YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65					.6	.6	3.8	2.4					.7
60					1.9	18.3	39.4	23.1	.6				7.5
55					9.1	51.2	90.6	73.4	11.6				21.3
50				.7	29.9	93.3	100.0	97.0	51.6	1.3			33.5
45			1.2	6.6	79.2	100.0		100.0	81.9	11.3	3.3	.7	43.0
40	2.7	2.5	7.5	35.5	98.1				92.3	34.4	7.3	2.7	51.3
35	8.8	14.8	24.2	66.4	100.0				99.4	50.0	13.2	6.0	59.5
30	15.0	30.3	52.8	88.8					100.0	81.9	24.5	10.7	69.6
25	23.9	45.9	71.4	96.1						89.4	43.7	18.7	76.4
20	35.4	58.2	85.7	98.0						91.9	64.9	30.7	82.3
15	48.7	66.4	91.9	100.0						96.3	75.5	41.3	86.6
10	59.3	73.0	97.5							97.5	85.4	52.0	90.0
5	77.9	82.0	100.0							99.4	97.4	64.7	94.2
0	84.1	89.3								100.0	99.3	72.0	95.9
-5	92.9	96.7									100.0	84.0	98.0
-10	97.3	100.0										92.7	99.2
-15	99.1											96.7	99.7
-20	100.0											99.3	99.9
-25												100.0	100.0
MEAN	14.3	19.7	28.7	36.7	47.9	55.1	58.7	56.7	48.9	34.8	22.7	10.7	36.2
S D	13.601	13.469	8.305	6.141	4.607	4.034	3.392	3.727	5.377	9.190	10.595	14.790	18.396
TOTAL OBS	113	122	161	152	154	164	160	169	155	160	151	150	1811

USAFETAC FORM 0-21-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

738 — STATION
FT RICHARDSON AK — STATION NAME
72-82 — YEARS
JAN — 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
47 / 43		.7	.7															2	2	1	
45 / 41		.7			.7													2	2		1
43 / 39																				2	
41 / 37		2.6																4	4		1
39 / 35		1.3	.7															3	3	5	1
37 / 33		.6																4	4	2	3
35 / 31	.7	1.3																3	3	6	6
33 / 29	.7	2.6																5	5	3	2
31 / 27		.9																6	6	5	2
29 / 25		2.0																3	3	6	5
27 / 23	.7	2.6																5	5	4	2
25 / 21	2.6	3.3																9	9	9	6
23 / 19	3.9	5.9																15	15	13	10
21 / 17	.7	3.3																6	6	7	12
19 / 15	3.3	2.0																5	5	9	8
17 / 13	2.0	3.9																9	9	4	7
15 / 11	1.3	3.3																7	7	8	7
13 / 9	1.3	5.3																10	10	13	9
11 / 7	1.3	2.6																6	6	6	3
9 / 5	2.0																	3	3	5	3
7 / 3	2.6	1.3																6	6	6	3
5 / 1	4.6	.7																6	8	7	17
3 / -1	4.3																	7	7	8	6
1 / -3	3.3																	5	5	5	9
-1 / -5	.7																	1	1	1	8
-3 / -7	1.3																	2	2	2	2
-5 / -9	1.3																	2	2	2	2
-7 / -11	3.3																	5	5	5	4
-9 / -13																					1
-11 / -15	2.0																	3	3	3	1
-13 / -17	.7																	1	1	1	5
-15 / -19	1.3																	2	2	2	
-17 / -23																					3
-19 / -25																					1

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

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

2

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

PSYCHROMETRIC SUMMARY

738 FT RICHARDSON, AK — 7-82 — MAR

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
/-17																			1		
/-24																			4		
/-33																			7		
T'L	4	15	2	1	/													1 2		1 2	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	57301	11 49	78.61	...33	152							
Dry Bulb	57775	...73	13.51	12.76	152	17.1	83.3					...3
Wet Bulb	52364	1...4	12.41	7.424	152	17.7	86.4					...3
Dew Point	43042	122...	8.11	9.19	152	27.5	89.9					...3

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

...AL CLIMATOLOGY BRANCH
...ETAC
...AT ...R SERVICE/MAC

PSYCHROMETRIC SUMMARY

...736 | FT RICHARDSON AK | 77-82 | JAN
STATION | STATION NAME | YEARS | MONTH

...ACT 1 | 0600-0900
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		.3																1	1		
/ 4		.3	.3															1	3	1	
44 / 43		.6																2	2	1	1
/ 41		.3	.5	.5	.													9	0	4	2
/ 3		.5	.3															3	3	2	3
/ 37		1.9	.3															6	9	7	1
/ 35		1.3	.5															9	10	10	5
/ 33		1.9	.3															6	8	10	2
/ 31	.5	3.5																15	15	14	15
/ -	.3	1.6	.8															12	13	13	13
/ 27		4.3																18	19	9	-
/ 2		4.3																16	18	22	5
/ 23	.3	3.2																11	12	12	9
21 / 21	1.3	2.4	.5															16	19	15	16
/ 1	.5	5.6																22	23	17	22
/ 17	.5	4.3																16	19	17	13
/ 1	1.6	4.3																21	21	23	19
/ 17	.3	3.7																12	12	6	25
1 / 11	3.4	3.2																22	23	19	2
/	1.6	3.0																17	17	24	17
/ 7	.7	3.3	.3															15	16	12	5
/	1.1	1.9																11	11	19	12
/	.8	.8																13	13	14	9
/ 1	2.0	1.3																17	17	15	25
/ -	2.4	.3																13	14	11	16
/ -3	4.																	15	15	16	15
/ -5	1.3																	5	5	5	11
/ -7	1.2																	12	12	12	11
/ -9	1.2																	7	7	7	12
/ -11	1.1																	7	7	7	11
/ -13	.5																	2	2	2	4
/ -15	1.3																	5	5	5	10
/ -17	1.3																	5	5	5	9
/ -19	.5																	2	2	2	6

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

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

PSYCHROMETRIC SUMMARY

...36 STATION | FT RICHA... SOUTH DA... STATION NAME | 77-8... YEARS | ...MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-21	•																	1	1	1	1
/-24																					4
/-27																					4
/-30																					1
/-33																					1
T.L	34..	57..	8.	4..		.5.	..												362		372
																		372		372	

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.	23232.2	29062	78.2	11.3	372							
Dry Bulb	167736	5469	14..	14..	382	17..	62..					62
Wet Bulb	142567	4931	13..	14..	372	1 ..	94..					95
Dew Point	117788	3280	8.7	15.5	372	29..	88.5					94

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

2

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

PSYCHROMETRIC SUMMARY

73... STATION	FT RICHARDSON AK STATION NAME	77-8... YEARS	JA... MONTH

PART I 0...-11... HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
... / 47			•																		
... / 4...		•	•																		
4... / 4...		•																1	1	5	
... / 41				•		•													2	2	1
... / ...			•	•		•												4	4	1	
... / 37			•	•														4	4	3	1
... / 35			4.3	•														17	22	7	
... / 33	1.3	2.		•														16	16	13	7
... / 31	•	3.	3.	•														16	19	14	13
... / ...	1.5	2.3		•														15	19	11	17
... / 27	•	3.	3.															15	19	16	13
... / 25	•	3	4.5															19	24	22	18
... / 23	•	4.5	4.5	•														1	24	7	5
... / 21	2.	2.		•														16	23	16	2
... / 1...	2.	5.5																30	33	27	34
... / 17	1.5	3.5																16	20	14	19
... / 15	•	3.5																15	15	21	23
... / 13	2.	3.																23	27	13	22
... / 11	2.	2.5																1	21	20	15
... / ...	1.	2.3																11	10	23	16
... / 7	.5	3.																17	17	12	23
... / ...	.5	2.																10	17	10	4
... / ...	2.3	1.																16	16	15	7
... / 1	2.	1.																18	18	25	15
... / -1	2.	•																11	11	15	17
... / -3	2.																	11	11	12	19
... / -5	2.5																	1...	1...	1...	14
... / -7	2.3																	9	9	9	16
... / -9	•																	3	3	3	9
... / -11	1.																	6	6	6	12
... / -13	1.																	5	5	5	4
... / -15																					
... / -17	•																	1	1	1	5
... / -19	•																	3	3	3	7

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

AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

734 FT TUCSON AZ 77-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 HOURS (L.S.T.) 01-11,13-23

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
/-21																					
/-29																					
TOTAL																					

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.	2546.72	31542	70.1	11.367	450							
Dry Bulb	12271	6940	16.5	13.655	421	13.6	0.1					93
Wet Bulb	15964	6702	15.3	13.206	450	14.3	83.9					92
Dew Point	129533	4167	12.4	14.692	402	26.7	89.7					91

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

AL CLIMATOLOGY BRANCH
ETAC
PATH & SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] FT RICHARDSON, AK 77-82 JA
STATION STATION NAME YEARS MONTH

PAGE 1 1300-1400
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
/ 47			.5															1	1		
[illegible] 4[illegible]		.5	.5															3	3		
47 4[illegible]		.5	.5	.5														5	5	4	
/ 41			.5	.5	.5													6	6	1	1
[illegible] /			.5															1	3	2	3
/ 37		1.5	.5	.5														9	8	2	
/ 35		1.5	.5															6	9	5	4
/ 3	.5	3.5	1.0															[illegible]	29	15	8
/ 31	2.[illegible]	[illegible].5	.5															37	37	29	21
/ [illegible]	[illegible].0	2.5	.5															14	23	36	25
/ 27	1.5	3.5																15	19	19	17
/ 25	.5	5.	.5															24	27	16	14
/ 23	.5	2.5	.5															15	14	13	11
/ 21	1.5	5.5	.5															[illegible]	30	27	16
/ 19	3.5	4.5																[illegible]	28	21	36
/ 17	.5	3.	.5															14	14	12	1[illegible]
/ [illegible]		5.5	.5															[illegible]	22	17	22
/ 13	1.5	3.[illegible]																[illegible]	23	15	14
/ 11	2.5	4.5	.5															[illegible]	28	26	13
/	.[illegible]	[illegible].5																18	19	25	23
/ 7	.5	3.5																17	15	15	21
/	.5	1.5																13	13	19	7
/ [illegible]	[illegible].5	1.5																13	12	13	15
/ 1	1.[illegible]	2.5																17	17	15	4[illegible]
/ -[illegible]	[illegible].5	.5																10	15	11	16
/ -3	.[illegible]	.5																4	4	6	7
/ -[illegible]	.5	.5																4	4	3	11
/ -7	1.5																	4	4	5	4
/ -[illegible]	.5																	3	3	3	0
/-11																					7
-1 /-1[illegible]	.5																	1	1	1	2
/-1[illegible]																					[illegible]
[illegible] /-17																					4
/-1[illegible]																					[illegible]

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

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

2

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

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | JAN 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
/-01																					
-/-25																					
[illegible]	27	56	3.9	7.7	1.7	.7													400	400	

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.	24440.7	30269	77.2	12.451	400							
Dry Bulb	217622	8144	19.4	11.914	419	5.6	81.5					92
Wet Bulb	179404	7122	17.9	11.401	400	.7	85.6					93
Dew Point	137553	5105	12.8	13.471	400	16.2	90.0					92

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

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

2

PSYCHROMETRIC SUMMARY

...73... FT MICHA...SON AR — STATION / STATION NAME
77-80 — YEARS
...AY — MONTH
...AY 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
... / 45			.3	.3														4	4		
4/ 43		.5	.3	.3														4	4		
/ 41			1.0	.5														6	7	6	
... / 3...		.3	.3	.5														4	4	...	...
... / 37			1.3															6	6	7	4
/ 35		.8	.8	.3														7	7	...	...
... / 33	1....	1.3																9	10	13	
... / 31	1.3	5.9	1.5															34	34	17	14
... / 2...	1.3	1.3	.3															16	16	18	15
/ 27	1.3	2....																13	19	17	2...
... / 25	.5	5.4	.3															24	23	15	14
... / 23	1.3	3.6	.3															.0	25	7...	6
... / 21	1.5	3.9	.3															...2	23	...4	...3
/ 19	2....	4.6	.5															28	31	2...	...9
... / 17	.5	3.3																15	15	12	17
1 / 15	.3	5.4																...2	22	2...	32
... / 13	1....	3.6																16	18	14	1...
1 / 11	1....	3.1	.3															...0	2...	...1	1...
... / ...	1....	4.1	.3															...1	...1	...1	1...
/ 7	.8	2....																11	11	...1	15
/ ...	1....	1....																8	8	11	11
/ 3	3.3	1.8																...0	20	16	18
/ 1	2....	2....																16	15	19	...
/ -1	2....	.5																13	13	12	14
... / -3	2....	.3																...8	9	1...	1...
... / -5	1.3																	5	5	6	1...
... / -7	1....																	4	4	4	...
/ -9	1....																	4	4	4	...
... / -11	1.3																	...	5	5	7
-1 / -13	.3																	1	1	1	...
... / -15	.5																	2	...	2	7
... / -17	.3																	1	1	1	...
... / -19	.3																	1	1	1	3
... / -21																					...

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

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

2

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

PSYCHROMETRIC SUMMARY

/ 73F — FT RICHARDSON AK — 77-82 — JA
STATION — STATION NAME — YEARS — MONTH

HOURS (L. S. T.) ...-17...

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
/-28																					
/-27																					
/-26																					1
5 /-25																					
/-24																					1
TTL	37	59	65	82	105														412		391

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.	2396291	3.167	77.2	13.173	391							
Dry Bulb	126408	728	17.7	13.135	412	1.2	83.7					
Wet Bulb	16371	6313	16.1	12.587	391	1.9	85.6					
Dew Point	1338.1	4313	11.0	14.377	391	22.5	89.2					

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

2

AL CLIMATOLOGY BRANCH
.T C
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 | FT RICHARDSON, AK | 77-80 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1200-2000
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
47			1.2	•														7	7		
/ 41			.4															5	7	1	
/ 37																				4	
/ 33	.3	.5	.5															4	4	6	1
/ 29		.5	.5															5	5	3	6
3 / 25	.4	2.4	.6															12	13	9	6
/ 21	1.4	2.4	1.5															19	23	15	16
/ 17	.6	.6	.3															5	6	11	3
/ 13	1.2	2.7																13	15	16	9
/ 9		1.5	.2															6	6	8	14
/ 5	.6	4.4																17	20	14	5
2 / 1	2.7	4.7																25	26	23	7
/ 1	2.7	5.6																33	32	28	24
/ 17	.3	3.5	.3															14	14	14	16
1 / 15	.6	2.4																10	13	11	26
/ 13	1.5	2.9																15	15	11	22
1 / 11	1.2	2.7	.2															16	16	17	12
/		.8	.6															15	15	13	5
/ 7	.8	4.1																17	17	13	11
/ 5	1.2	1.2																9	9	19	3
/ 3	1.5	1.5																11	11	13	11
/ 1	3.0	2.9																23	23	15	25
/ -1	3.1	.3																15	15	22	17
/ -3	1.2	.3																5	5	6	15
/ -5	3.1	.3																8	8	7	11
/ -7	2.7																	9	9	1	7
/ -9	2.7																	8	8	9	11
/ -11	.3																	1	1	1	1
-1 / -13	1.2																	4	4	4	2
-1 / -15	1.5																	5	5	5	3
-1 / -17	1.2																	4	4	4	3
/ -19	.9																	3	3	3	14
/ -21	.3																	1	1	1	4
/ -27																					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) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
JUL — MONTH
0000-2400 — 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
/-29																					1
/-33																					1
/-35																					1
/-37																					1
/-39																					
/-41																					1
TAL	47	75	1.3	7.1	.9														339		339
																		339		338	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2035045	25973	76.3	13.432	339							
Dry Bulb	142957	4897	14.2	14.324	352	16.[illegible]	84.5					[illegible]
Wet Bulb	120259	4343	12.8	13.913	339	12.[illegible]	37.					[illegible]
Dew Point	107813	2595	7.4	16.258	339	31.[illegible]	89.4					[illegible]

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

738 FT RICHARDSON AK 77-82 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47		•	•1															4	4		
4 / 45		•1	•3	•2														11	12	1	
4/ 43		•3	•3	•2														19	19	9	1
/ 41		•1	•6	•2	•3													27	29	14	5
/ 3		•2	•2	•1	•													17	14	13	10
/ 37	•	1•0	•0	•1														35	35	25	8
/ 35		1•8	•6	•														49	55	36	19
3 / 33	•7	2•2	•5															70	71	71	35
/ 31	1•1	4•2	•9															126	130	89	95
/ 2	1•4	1•8	•4															73	84	112	77
/ 27	•7	3•1																79	91	81	73
/ 25	•2	4•2	•2															92	106	87	72
/ 23	•5	3•3	•2															89	104	117	39
2/ 21	1•9	3•7	•3															120	120	117	65
/ 1	2•2	5•1	•1															152	157	145	159
/ 17	•6	3•5	•1															86	87	76	95
/ 15	•7	3•9	•1															98	99	106	122
/ 13	1•3	3•4																87	97	68	98
1 / 11	2•1	3•3	•2															115	115	117	77
/	1•1	3•5	•1															97	97	119	88
/ 7	•6	3•2	•															60	60	94	86
/ 5	1•3	1•3																54	54	92	38
/ 3	2•4	1•4																77	77	74	62
/ 1	2•2	2•2																99	99	93	164
/ -1	2•7	•3																66	66	77	88
/ -3	2•2	•1																49	49	55	73
/ -5	1•5	•1																33	33	32	65
/ -7	1•9																	40	40	42	46
/ -9	1•4																	28	28	28	49
/ -11	1•2																	24	24	24	49
/ -13	•6																	13	13	13	15
/ -15	•7																	15	15	15	37
/ -17	•6																	12	12	12	23
/ -19	•5																	11	11	11	35

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 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

OF AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736	FT RICHARDSON AK	77-85	JA
STATION	STATION NAME	YEARS	MONTH

PART ? 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
/-21	.1																				14
/-23																					3
/-25																					1
/-27																					
/-29																					
/-33																					
/-35																					4
/-37																					1
/-39																					
/-51																					1
TOT	35.7	57.3	5.9	.8	.1														2134		2054
																		2054		2054	

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
Ref. Hum.	127155.6	159562	77.7	12.291	2054							
Dry Bulb	977262	35102	16.4	13.698	2134	102.5	660.8					744
Wet Bulb	317916	30770	15.1	13.186	2054	112.7	682.8					744
Dew Point	669652	20568	10.0	15.329	2054	197.4	715.4					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

2 736 FT RICHARDSON AK 77-82 FEB
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
7 / 4					•													1	1		
4 / 4			.6															1	1		
5 / 4			1.3															2	2		
6 / 3		.6	1.3															3	3	3	
5 / 3	.6	1.3																3	3	3	1
3 / 3		1.3	.6															3	2	3	3
2 / 3		2.5	1.3															7	7	5	4
3 / 3	1.9	1.9	1.3															6	8	10	8
4 / 2	1.9	2.5																7	7	6	7
3 / 2	.6	4.4																6	8	8	5
4 / 2	1.9	3.1	.6															9	9	11	8
4 / 2	1.3	6.9																13	13	10	6
2 / 1	1.3	1.3																5	5	11	9
1 / 1	2.5	6.3																14	14	9	12
1 / 1		4.4																7	7	9	8
1 / 1	.6	3.1																6	6	8	9
1 / 1	.6	1.9																4	4	3	5
1 / 1		2.5	1.3															6	6	3	10
1 / 1		1.9																3	3	4	7
1 / 1																				3	1
1 / 1		.3																1	1	1	1
1 / 1		.6																1	1	1	
1 / 1	1.3	1.3																4	4	3	4
1 / 0	2.5																	4	4	5	2
0 / 0	3.1																	5	5	5	2
0 / 0	3.1																	5	5	5	2
0 / 0	3.8																	6	6	6	4
0 / 0	5.0																	8	8	8	7
0 / -1	3.8																	6	6	6	5
-1 / -1																					2
-1 / -1	.6																	1	1	1	0
-1 / -1	1.9																	3	3	3	3
-1 / -1	3.1																	5	5	5	4
0 / -1																					5

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												

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

USAFETAC

2

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

PSYCHROMETRIC SUMMARY

73[illegible] STATION [illegible] STATION NAME 77-81 YEARS [illegible] MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-20																					1
/-17																					4
/-																					3
/-11																					1
/-20																					
/-[illegible]																					4
[illegible]	41.4	1	3.4															1[illegible]			1[illegible]
																		1[illegible]		1[illegible]	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	16673	11[illegible]17	74.5	13.524	16[illegible]							
Dry Bulb	[illegible]0617	24.1	15.[illegible]	16.746	16[illegible]	22.[illegible]	73.					[illegible]4
Wet Bulb	72562	2744	14.[illegible]	16.76	1[illegible]	23.1	76.7					[illegible]4
Dew Point	67645	1211	[illegible].2	19.951	1[illegible]	25.4	72.3					54

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

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

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 67-[illegible] YEARS | [illegible] MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 4[illegible]		.2	.[illegible]	.[illegible]														[illegible]	[illegible]		
4[illegible] / 4[illegible]			.7	.[illegible]														[illegible]	4	[illegible]	
[illegible] / 4[illegible]		.5	1.[illegible]	.[illegible]														[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		.2	1.7															[illegible]	[illegible]	[illegible]	
[illegible] / [illegible]	.[illegible]	1.[illegible]	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 3[illegible]	.7	1.7	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 3[illegible]	.2	3.[illegible]	1.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 31	.[illegible]	2.2	.7															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		.7	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 2[illegible]	.[illegible]	3.4	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 2[illegible]	1.[illegible]	4.4	1.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 2[illegible]	1.7	2.2	.2															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	1.2	1.7	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 1[illegible]	.4	5.4																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 1[illegible]	.[illegible]	3.7																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 1[illegible]	.7	2.7																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / 1[illegible]	.[illegible]	2.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	.[illegible]	3.2																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		.7																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]		1.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	.7	1.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / [illegible]	2.[illegible]	1.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -[illegible]	2.[illegible]	.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -[illegible]	2.4	.[illegible]																[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -[illegible]	2.[illegible]																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -[illegible]	2.[illegible]																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -[illegible]	.4																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -11	2.[illegible]																	[illegible]	[illegible]	[illegible]	
[illegible] / -12	.[illegible]																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -13	2.[illegible]																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -17	2.[illegible]																	[illegible]	[illegible]	[illegible]	[illegible]
[illegible] / -1[illegible]	1.[illegible]																	[illegible]	5	4	[illegible]
[illegible] / -[illegible]	.2																	[illegible]	[illegible]	[illegible]	[illegible]

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

USAFETAC FORM 0-26-5 (OL-A) [illegible]

2

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

PSYCHROMETRIC SUMMARY

...736 FT RICHARDSON AK — 77-81 — FE
STATION — STATION NAME — YEARS — MONTH

PART D — 06-12
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
/-27																					7
/-29																					
/-27																					
/-29																					
/-31																					1
/-33																					
/-35																					
/-37																					
/-40																					1
1UL	40.0	34.0	5.9	1.1	1.2	.2													3.2		4.0

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.	2346632	7383	74.4	19.502	400							
Dry Bulb	2[illegible]949	6315	15.4	16.497	400	20.1	71.9					4.4
Wet Bulb	1-5880	5802	14.5	15.712	400	22.3	74.1					4.4
Dew Point	1708[illegible]1	3405	8.6	14.596	400	27.5	79.9					4.4

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

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

PSYCHROMETRIC SUMMARY

...736 / STATION — FT RICHARDSON, AK / STATION NAME — 77-82 / YEARS — ... / MONTH

PART I — 1900-1100 / 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		.2																1	1		
/ 43			.2	.2	.													7	7	1	
/ 41		.7	.7	1.4														17	17	1	1
/ ?		1.7	3.1	.5														22	22		
/ 37	.5	1.2	.2	.5														10	17	12	6
/ 39	.5	1.7	1.4															15	15	16	
/ 35		2.1	.6	.2														14	14	11	13
/ 31	2.1	4.2	3.3															41	41	30	24
/	.7	2.1	1.7															17	17	22	21
/ 27	.2	2.8	.5															15	16	22	15
/ 25	.2	6.8	.8															34	34	27	25
/ 23		3.3	.7															17	17	33	9
/ 21	1.7	3.8	.2															24	24	24	26
/ 1	1.2	4.7	.7															28	28	24	23
/ 17		3.1	.7															16	16	16	27
/ 15	.7	2.6	.7															17	17	14	23
/ 13	1.2	.7	.2															6	6	19	27
/ 11	.	.3																12	12	9	15
/	.5	1.4	.7															11	11	15	3
/ 7		1.4	.2															7	7	12	10
/ 5	.5	2.1																11	11	12	8
/ 3	1.4	2.1																15	15	15	7
/ 1	1.2	2.8																17	17	14	19
/ -1	2.	.2																13	13	17	13
/ -3	1.2	.5																7	7	8	12
/ -5	.7	.9																7	7	5	7
/ -7	2.4																	10	10	14	11
/ -9	.2																	1	1	1	3
/ -11	.5																	4	4	4	9
/ -13																					4
/ -15	.5																	2	2	2	4
/ -17	.2																	1	1	1	3
/ -19	.2																	1	1	1	13
/ -21																					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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

...36 FT RICHARDSON AK 77-82 ...
STATION STATION NAME YEARS MONTH

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
?/-23																					1
/-22																					1
/-27																					1
/-29																					1
TAL	22.25	.617	.9	?.9	.F														424	424	4.4

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.	2626819	30759	72.5	14.539	424							
Dry Bulb	257[illegible]	8610	20.3	14.027	425	[illegible].1	68.2					
Wet Bulb	2231[illegible]	7919	18.7	13.341	424	11.1	71.7					84
Dew Point	174099	5295	12.5	16.043	424	21.2	77.5					64

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

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

PSYCHROMETRIC SUMMARY

...73... | FT MICHAELSON, AK | 77-82 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1...0-14...
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47			.2															1	1		
/ 45				.1														2	2		
47/ 43		.2	.5	1.6														10	10	1	
/ 41			1.6	.9	.2													16	16	6	1
/ 39	.2	.5	3.5	.2														19	19	12	1
/ 37	.5	1.6	1.4	.7														19	19	27	3
/ 35	.5	3.6	2.1	.2														28	28	24	1
5/ 33	.2	2.1	2.3															20	20	27	24
/ 31	2.6	6.1	3.3	.7														54	54	42	43
/ 29	.2	2.6	3.3															26	26	23	22
/ 27	.2	4.9	.8	.2														27	27	20	13
/ 25	.5	7.3	.7	.2														30	30	42	34
/ 23	.5	3.1	.9															19	19	24	15
2/ 21	.7	1.9	3.8															28	28	16	6
/ 19	.2	1.9	2.6															30	30	17	43
/ 17		1.4	1.4															12	12	5	1
1/ 15	.5	2.1	1.4															19	19	17	11
/ 13	.5	2.6	.5															13	13	16	5
1/ 11	1.2	2.9	1.6															24	24	19	5
/ 9	.5	1.6																10	10	16	12
/ 7	.5	9.4																11	11	21	13
/ 5		1.2																5	5	9	9
/ 3	.7	1.6																10	10	12	21
/ 1	.5	.7																5	5	5	18
/ -1	.7																	3	3	3	14
/ -3	.2	.2																3	3	2	4
/ -5																				1	1
/ -7																					2
/ -9																					1
/ -11																					
/ -13																					
/ -15																					
/ -17																					
TOTAL	11.5	47.3	33.6	5.4	.2													426	426	426	426

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.	224524	03...2	71.2	14.305	426							
Dry Bulb	326...	10793	25.3	11.139	426	1.2	61.1					24
Wet Bulb	276956	9803	23.2	10.596	426	1.2	65.7					24
Dew Point	194597	7207	16.9	13.285	426	11.8	76.3					24

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

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

PSYCHROMETRIC SUMMARY

...736 STATION — FT RICHARDSON AK STATION NAME — 77-82 YEARS — FEB MONTH

PAGE 1 — 1:00-17... HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4			•															1	1		
47/ 43		•5	•7	1•1	•2													16	16		
/ 41		1•	1•9	1•5														19	19	5	
/ 3		•5	2•1	•2														16	16	9	1
/ 37	•5	1•2	2•2															16	16	18	7
/ 36	1•1	2•9	3•4	•7														33	33	3	
/ 33	•5	4•6	1•5	•7														30	30	24	13
/ 31	1•7	4•1	5•3	•5														45	45	42	47
/ 2	•7	2•4	3•9															29	29	30	5
/ 27	•2	4•1	1•9	•2														27	27	31	13
/ 25	•5	3•4	1•9	•2														25	25	45	17
/ 23	•2	1•7	1•2															14	14	20	15
/ 21	1•7	1•7	2•4															21	21	21	34
/ 1	•2	2•9	1•7															2	25	13	32
/ 17	•2	1•2	1•2															11	11	22	24
/ 15	•2	1•1	•7															2	2	7	16
/ 13	•2	3•4	•2															18	18	11	4
/ 11	1•1	2•2	1•1															14	19	2	5
/		2•4	1•7															14	15	11	23
/ 7		1•5	•2															10	12	21	14
/ 6		•7																1	1	11	3
/ 3	•7	1•1																7	7	7	14
/ 1	•2	1•7																9	9	9	1
/ -1	1•9																	4	4	4	3
- / -3																					6
- / -5	•5																		2	2	14
- / -7	•2																	1	1	1	8
/ -9																					13
/ -11																					
-1 / -13	•2																	1	1	1	2
-1 / -15																					
-1 / -17																					1
TOTAL	11.4	4•5	36•6	5•3	•2													413	413	413	413

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2149303	29284	70•71	9•262	413							
Dry Bulb	322207	10497	25•42	11•361	413	1•4	58•6					64
Wet Bulb	274238	9615	23•29	10•14	413	1•4	66•2					64
Dew Point	191045	6293	16•97	13•278	413	13•1	78•1					64

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 7736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | SEP MONTH

FACT 1 1[illegible]-2[illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 42			.6	.9														5	5		
1/ 41			1.1	1.1														2	2	1	
1/ 3		.3	1.1	.8	.5													3	3		
1/ 37	.3	1.4	1.4	.3														13	13	10	3
1/ 35	1.1	2.3	.3															13	13	13	3
3/ 33	.6	1.7	1.4	.6														15	15	15	7
1/ 31	1.4	7.4	3.6															42	42	18	21
/ 29		3.4	3.4															24	24	29	17
1/ 27	1.4	4.5	3.4															23	23	24	18
/ 25		5.4	1.4															24	24	24	21
2/ 23	.3	1.4	.3															7	7	19	15
2/ 21	.3	2.6																12	12	12	15
/ 19	2.3	3.7	2.3															30	30	22	17
/ 17		1.7	1.4															11	11	13	13
1/ 15	.6	1.1	.6															3	8	12	15
1/ 13	.3	1.4																6	6	6	13
1/ 11		1.4	.3															6	6	7	8
/ 9		.3	.3															9	9	6	7
/ 7		3.0																10	10	13	3
/ 5	.6	.9																5	5	12	6
/ 3	.3	3.1																14	14	12	15
/ 1	1.4	4.5																21	21	19	9
1/ -1	3.3	.3																9	9	14	5
1/ -3	3.1	.3																8	8	9	9
1/ -5	.3	.8																3	3	1	16
1/ -7	.8																	2	2	4	12
1/ -9	.3																	2	2	2	11
1/-11																					12
1/-13																					1
1/-15	.6																	3	3	3	1
1/-17	.8																	2	2	2	5
1/-19	.3																	1	1	1	4
1/-21																					4
1/-25																					1

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

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

NATIONAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

/36 FT RICHARDSON AK 77-5 YEARS 05 MONTH
STATION STATION NAME

PAGE 2 12 (or 24) 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
/-27																					1
/-29																					
/-31																					
TOTAL	.1	.9	54	72	2	3	4	5										352	352	352	352

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.	1 82737	25191	71.6	15.091	352							
Dry Bulb	219765	7393	21.	13.655	352	7.2	69.2					24
Wet Bulb	186374	6790	19.3	12.899	352	3.6	71.8					24
Dew Point	144545	4524	12.9	15.690	352	21.5	79.7					24

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

2

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
- / 47			•															1	1		
5 / 45		•1	•1	•2	•1													10	10		
47 / 43		•1	•	•7	•1													30	30	5	
- / 41		•4	1•5	1•1	•													6	66	7	3
- / 39	•	•7	2•5	•3	•1													78	78	42	7
- / 37	•4	1•3	1•2	•3														55	55	53	24
- / 35	•7	2•4	1•5	•2														104	104	100	41
3 / 33	•3	2•6	1•5	•3														102	102	76	73
- / 31	2•	4•7	2•9	•2														210	210	152	103
- / 29	•4	2•6	2•3															115	115	134	127
- / 27	•5	4•2	1•2	•1														126	127	172	77
- / 25	•5	4•6	1•1	•1														132	132	191	69
- / 23	•6	2•7	•6															97	87	139	73
- / 21	1•2	2•2	1•3															104	104	143	146
- / 19	1•7	3•9	1•3															112	112	172	102
- / 17	•1	2•4	•5															74	74	122	124
1 / 15	•5	2•	•6															76	70	7	91
- / 13	•6	2•2	•2															64	64	69	73
1 / 11	•	2•5	•															58	58	71	74
- / 9	•	3•2	•5															63	63	75	79
- / 7	•	1•7	•1															41	41	73	45
- / 5	•2	1•1																27	27	46	2
- / 3	•6	1•6																54	54	69	61
- / 1	1•1	2•3																69	69	83	76
- / -1	1•	•2																44	44	72	58
- / -3	1•5	•3																39	39	42	48
- / -5	1•	•3																27	27	22	65
- / -7	1•3																	29	29	35	52
- / -9	1•1																	25	25	29	63
-1 / -11	•8																	18	18	13	33
-1 / -13	•2																	4	4	4	11
-1 / -15	•8																	18	18	12	33
-1 / -17	•6																	14	14	14	26
-1 / -19	•5																	11	12	11	41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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

736	FT RICHARDSON AK	77-82	FEB
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
-21 / -23	.1																		1	1	1	24
-23 / -25																						1
-25 / -27																						2
-27 / -29																						3
-29 / -31																						5
-31 / -33																						4
-33 / -35																						5
-35 / -37																						4
-46 / -48																						1
TOTAL	22.[illegible]	.8	22.[illegible]	.9	3.4		.4												2143	2145	2123	2113

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.	11[illegible]6971	1[illegible]7766	72.5	14.519	2127							
Dry Bulb	1414[illegible]12	46[illegible]46	21.1	14.265	2185	71.[illegible]	529.3					672
Wet Bulb	1[illegible]29361	42750	19.4	13.519	2103	74.5	563.6					672
Dew Point	[illegible]43935	28835	13.2	16.365	2183	156.4	626.7					672

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

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

PSYCHROMETRIC SUMMARY

...738 STATION | FT RICHARDSON AK STATION NAME | 77-87 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
.../ 4			.4															1	1		
.../ 41		.4	1.3	1.3														7	7	1	
.../ 3			.9	.9														4	4	2	1
.../ 37			.9															2	2	2	1
.../ 35	.4	1.4	.9															7	7	9	1
3 / 33	.9	1.8	.4															7	7	8	2
.../ 31		7.1	.9															16	16	6	11
.../ 9	1.3	8.8	3.9															73	33	18	8
.../ 27	.4	9.3	1.3															23	23	27	9
.../ 25	.9	5.7	1.3															18	18	31	30
2 / 23		4.4																10	10	19	5
4 / 21	.4	6.6	1.3															19	19	16	16
.../ 1...	.4	3.9																10	10	11	21
.../ 17		2.6	.4															7	7	7	24
1.../ 13		4.8	.9															13	13	16	12
.../ 13	.4	1.3	.9															6	6	5	9
1.../ 11	1.3	2.6																5	5	8	6
.../		4.8																11	11	6	15
.../ 7	.4	1.8																5	5	15	4
.../	.4	.9																3	3	3	7
.../ 3	.9	1.3																5	5	6	4
.../ 1		1.3																3	3	3	11
.../ -1...	1....																	4	4	4	5
-.../ -3	1.3																	3	3	5	10
-.../ -5																					7
-.../ -7	.4																	1	1	1	4
-.../ -9	.4																	1	1	1	3
-1.../-15																					2
T...L	12.7...	15.8	2.2																22...		228
																		22...		22...	

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.	131349	17161	75.3	11.43	228							
Dry Bulb	139976	5115	22.4	10.832	228	3.7	61.6					93
Wet Bulb	121723	4743	20.8	10.023	228	3.7	84.2					93
Dew Point	84966	3556	15.6	11.401	228	12.6	91.2					93

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

USAFETAC

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

PSYCHROMETRIC SUMMARY

...736 — STATION
FT RICHARDSON, AK — STATION NAME
77-82 — YEARS
MAY — MONTH

PAGE 1 — 1600-1900 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47					.2													1	1		
47/ 45			.4	1.2														2	2		
/ 41			1.0	1.2														13	13		
/ 39			.4		.4													4	4		
/ 37		1.0	1.5	.2														14	14	5	
/ 35		1.7	1.2	.2														15	15	21	
35/ 33	.8	2.1	1.7															22	22	16	7
/ 31	1.0	3.1	.6															55	55	31	31
31/ 29	1.5	5.2	2.7															49	49	55	26
29/ 27	1.2	10.4	1.5															67	67	45	37
/ 25		5.6	2.3															41	41	66	43
/ 23	.4	2.7	.4															18	18	44	24
23/ 21	1.5	3.5	1.2															32	32	49	48
/ 19	.4	4.8	.4															29	29	24	21
19/ 17	.4	2.9	.8															21	21	14	34
17/ 15		4.6	.4															26	27	24	27
/ 13		3.1	.4															18	19	21	16
13/ 11	.2	1.9	.4															14	15	20	18
11/ 9	.2	2.1																13	12	15	26
9/ 7	.4	1.5																10	10	14	14
/ 5	.2	1.2																7	7	11	17
5/ 3	.6	1.7																12	12	11	14
/ 1	.4	1.9																12	12	11	13
1/ -1	1.2																	8	8	11	14
-1/ -3	.6																	3	3	5	11
-3/ -5	.4																	2	2	2	9
-5/ -7	.4																	2	2	2	11
-7/ -9																					7
-9/-11																					1
-11/-13																					1
-13/-15																					1
TOTAL	12.3	67.2	16.6	3.5	.4	.2												518	520	518	518

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.	2062913	38753	74.8	11.100	518							
Dry Bulb	341232	12154	23.4	10.494	520	2.7	79.0					93
Wet Bulb	293917	11229	21.7	9.883	518	3.2	83.5					93
Dew Point	203465	8461	16.4	11.179	518	10.8	91.7					93

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736 FT RICHARDSON, AK 77-82 MAY
STATION STATION NAME YEARS 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
≥ / 90							•1											1	1		
/ 91							•1											1	1		
/ 4					•1	•2												2	2		
/ 45				•4	•2													3	3		
47/ 43			1.2	1.9	•2													17	17		
/ 41		•4	1.5	1.2														20	20	3	
/ 3			3.8	1.2	•4													23	23	15	
/ 37		2.1	2.5	2.1														35	35	17	2
/ 35		1.5	5.6	•4														32	30	43	3
/ 33	•2	5.6	3.3	•2														46	49	38	15
/ 31	1.3	3.9	6.9	1.2														65	65	67	44
/ 29	•9	4.1	4.0	•4														43	42	67	53
/ 27		3.8	1.9	•4														32	32	52	57
/ 25		3.1	3.6															34	35	47	46
/ 23	•2	2.1	2.5															35	36	35	31
/ 21	•2	2.9	1.3															23	24	26	43
/ 19	•2	2.6	•8															26	21	33	47
/ 17		1.9	•6															17	13	14	22
/ 15		3.1	•2															17	18	15	22
/ 13	•2	1.2																7	7	17	32
/ 11	•4	•2	•4															7	8	9	34
/ 9	•2	•2																5	5	5	10
/ 7																				5	15
/ 5	•1	•4																3	2	3	7
/ 3		•4																1	1	1	11
/ 1		•2																1	1	1	4
/ -1																					4
/ -3																					4
/ -5																					3
/ -7																					1
/ -9																					1
TOTAL	3.8	45.7	39.0	17.0	1.8	.2	.4												526		521
																		521		521	

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.	2675201	36845	70.71	11.226	521							
Dry Bulb	498212	15593	29..	8.297	526		59.6					93
Wet Bulb	41333	14385	27..	7.545	521		71.4					93
Dew Point	271113	10965	21.7	8.808	521	2.1	88.5					93

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

2

AL CLIMATOLOGY BRANCH
USAFETAC
[illegible] SERVICE/MAC

PSYCHROMETRIC SUMMARY

PZO FT [illegible] AK — 77-82 — JA
STATION — STATION NAME — YEARS — MONTH

[illegible] 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]							•											1	1		
/ 11						•4												—	2	.	
/ 07				1•	•																
/ 4[illegible]			•5	2•1	1•													—	2	.	
47 [illegible]		•2	1•5	3•	•4													1	1	1	
/ 41		•2	2•7	4•	•2													27	27	12	1
/ [illegible]		•6	5•2	2•1														61	61	34	
/ 27		2•9	4•5	1•2	•4													—	10	4	
/ [illegible]		3•1	2•9	1•9														41	41	21	11
/ 22		3•2	6•2	1•1	•4													25	23	6	1
/ 21	1•	6•7	7•7	1•5														6	30	5	77
/ [illegible]		1•5	4•2	•6														13	34	22	23
/ 27		2•6	2•5															34	34	47	27
/ 25		1•5	2•1															15	20	1	5
/ 23		1•3	•9															11	11	2	3
21		•6	•6															7	7	12	48
/ 17		2•3	1•3															17	17	17	44
/ 17		1•7	•2															10	10	12	3
/ 1		•8																8	4	11	17
/ 13		•2																1	1	5	1
/ 11		•2																1	1	1	<1
/ [illegible]																					7
/ [illegible]																					
/ [illegible]																					7
/ [illegible]																					
/ 1[illegible]																					1
T L	1•1	32•0	43•5	19•5	3•[illegible]	•4	•2												124		222

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.	249,143	355.4	68•2	11•12[illegible]	522							
Dry Bulb	256,13[illegible]	17716	33•9	7•138	524		89•9					93
Wet Bulb	204,392	15892	30•4	6•27[illegible]	522		94•9					97
Dew Point	3311/3	16585	29•1	7•299	522		85•3					93

USAFETAC FORM AX 66 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

2

7[illegible]6 FT RICHARDSON AK 57-82 MA
STATION STATION NAME YEARS MONTH

PART 1 [illegible]-17[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]																		1	1		
/ 47					.[illegible]	.4												[illegible]	[illegible]		
[illegible] / 4[illegible]				[illegible].1	.[illegible]													19	19		
47 4[illegible]			[illegible].3	2.5	.													[illegible]	[illegible]		
[illegible] / 41		.6	4.1	4.[illegible]	1.[illegible]													[illegible]3	53	4	
[illegible] / [illegible]		1.[illegible]	3.9	2.7														39	39	44	1
[illegible] / [illegible]7		[illegible].1	4.[illegible]	1.[illegible]	.4													45	45	43	4
/ [illegible]8		3.[illegible]	3.7	3.3														[illegible]4	54	57	9
[illegible] / [illegible]3		6.[illegible]	6.6	1.6	.[illegible]													74	74	55	[illegible]5
/ 31	.[illegible]	[illegible].4	[illegible].4	1.4														[illegible]4	84	[illegible]6	7[illegible]
/ [illegible]		.[illegible]	[illegible].[illegible]	1.[illegible]														[illegible]7	27	77	[illegible]3
/ 27		2.7	1.8	.[illegible]														[illegible]6	2[illegible]	[illegible]3	57
/ [illegible]		1.2	1.[illegible]	.4														16	16	[illegible]7	51
/ 2[illegible]		1.[illegible]	1.[illegible]															10	10	[illegible]1	2[illegible]
[illegible]/ [illegible]1		1.[illegible]	.[illegible]															8	[illegible]	[illegible]1	[illegible]6
/ 1[illegible]	.[illegible]	[illegible].1	1.4															19	19	[illegible]3	5[illegible]
/ 17		.4	.[illegible]															[illegible]	[illegible]	[illegible]	[illegible]6
/ 1		.[illegible]																1	1	11	24
/ 13																				[illegible]	19
1 / 11																					[illegible]
[illegible] /																					[illegible]
/ 7																					9
/																					[illegible]
/																					[illegible]
/ 1[illegible]																					[illegible]
TOTAL	.42[illegible]	.[illegible]143	.[illegible]32[illegible]	.2	[illegible].			.[illegible]											[illegible]14		[illegible]14
																		514		514	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum	2[illegible]38[illegible]1	34612	67.3	11.[illegible]43	[illegible]14							
Dry Bulb	624[illegible]27	17597	34.3	6.[illegible]21	514		3[illegible].6					[illegible]3
Wet Bulb	5031[illegible]9	15791	30.[illegible]	5.933	514		54.8					93
Dew Point	328495	12415	24.2	7.465	514		65.[illegible]					93

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

2

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

PSYCHROMETRIC SUMMARY

...736 / STATION — FT JOHNSON AP / STATION NAME — 77-80 / YEARS — ...A. / MONTH

PAGE 1 — 18...-23... / 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
.../43					•													1	1		
47/43			•4	•	•2													7	7		
.../41		•6	1•2	2•5	•2													25	25	1	
.../3...		•2	2•7	1•2	•2													24	24	6	1
.../37		1•7	4•6	1•2														35	35	23	1
.../36	•4	2•3	5•2	1•2														44	44	44	3
3/.../33	•2	4•6	3•1	•4														40	40	41	19
2/.../31	1•2	9•1	6•9	1•2														89	89	96	36
.../2...	•8	5•8	3•4	•4														60	60	63	47
.../27		4•3	2•2	•4														35	35	59	46
.../25	•2	2•7	2•5	•2														27	27	55	58
.../23	•2	2•1	•2															15	15	25	31
.../21	•2	2•7	•2															18	18	3...	42
.../1...	•4	4•6	•8															8	8	2...	47
.../17		•8	•8															8	8	16	23
1/.../1...		1•7	•4															10	10	6	27
.../13		•8																4	4	13	3...
1/.../11		1•2																2	2	5	21
.../		•4																2	2	5	12
.../7		•6																3	3	1	1
.../																				2	2
.../...	•2																	1	1	1	11
.../1																					7
.../-2																					4
.../-3																					3
TTL	4•2	45•7	3•3	1•2	•2														4•1		4•1
																		4•1		4•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.	2403376	34134	71•...	11•279	481							
Dry Bulb	461126	14473	30•1	7•366	481		59•...					...7
Wet Bulb	3...015	13213	27•5	6•77...	481		72•9					93
Dew Point	2...061	10353	21•5	8•17...	481	1•2	68•9					93

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

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

PSYCHROMETRIC SUMMARY

236 — FT RICHARDSON AK — 77-80 — JAN
STATION — STATION NAME — YEARS — 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]							.1														
/ 21						.1	.1											8	8		
/ 4					.	.0															
/ 47				.2	.2	.2												12	12		
/ 45			.1	1.	.4													43	43		
/ 42		.2	1.1	1.1	.2													82	82	1	
/ 41		.4	2.2	2.0	.3													157	157	2	1
/ 37		.3	2.1	1.5	.2													135	135	127	3
/ 37		1.8	3.3	1.2	.1													141	141	133	4
/ 36	.1	2.4	3.4	1.3														220	220	216	32
/ 33	.2	4.5	4.0	.6	.1													256	256	213	14
/ 31	.1	7.9	5.6	1.0														425	425	224	216
/ 29	.7	3.9	3.9	.5														276	251	352	262
/ 27	.2	5.2	2.1	.3														217	217	265	265
/ 25	.1	3.1	2.3	.1														165	157	296	276
/ 23	.1	2.0	1.0															99	93	179	142
/ 21	.4	2.5	1.0															137	138	126	232
/ 1	.3	3.4	.3															123	124	173	202
/ 17	.1	1.7	.3															5	69	73	159
/ 15		2.3	.3															71	73	53	13
/ 13	.1	1.1	.1															76	37	64	137
/ 11	.3	.9	.1															39	39	43	107
/	.1	1.1																30	30	31	68
/ 7	.1	.2																18	18	35	66
/ 5	.1	.4																13	13	20	46
/ 3	.2	.2																19	19	19	47
/ 1	.1	.5																16	16	15	47
/ -1	.4																	12	12	13	27
/ -3	.2																	6	6	6	27
/ -5	.1																	2	2	2	15
/ -7	.1																	3	3	3	16
/ -9	.2																	1	1	1	11
/ -11																					6
/ -13																					1

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

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

2

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

PSYCHROMETRIC SUMMARY

738 | FT RICHARDSON AK | 77-82 | APR
STATION | STATION NAME | YEARS | MONTH

PART | 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 Dew Point
-1 /-15																				
[illegible]	8.	46.	134.	712.	4	1.	5	.1		.1								2793		2784
																		2794	2794	

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.	14335629	197089	70.3	11.751	2784							
Dry Bulb	20°1785	82651	29.6	9.386	2793	6.4	454.4					744
Wet Bulb	221[illegible]925	74959	26.9	8.403	2784	7.3	547.3					744
Dew Point	1474233	58355	21.0	9.498	2784	29.1	704.9					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

7 736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
APR — MONTH
PAGE 1
0300-0900 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 43		.4																1	1	1	1
/ 41			.9															2	2		
/ 39		1.3	2.6	.9														11	11		
/ 37		2.6	5.2	1.3														21	21	6	
/ 35		6.0	.9															16	16	16	
33 / 33	.4	5.2	5.6	.4														34	34	31	12
/ 31	1.7	8.6	3.0															31	31	28	33
/ 29	1.3	3.9	3.9	.4														22	22	20	23
/ 27		3.6	1.7	.4														25	25	19	27
/ 25		4.7	.9															13	13	21	21
/ 23		2.1	2.6															11	11	17	3
21 / 21		5.2	.9															16	16	13	16
/ 19	.4	2.4																8	9	14	35
/ 17		3.9																9	9	7	13
/ 15																				6	10
/ 13		.9																2	2		8
11 / 11	1.3	1.3																6	6	5	9
/																				2	12
/ 7		1.3																3	3		5
/ 5		.4																1	1	4	
/ 3																					1
/ 1																					1
/ -1																					1
/ -3																					1
/ -5																					4
/ -7																					1
TOTAL	.4	62.7	27.9	3.4															233		233
																		233		233	

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.	135254	17562	75.4	11.158	233							
Dry Bulb	208326	6758	29.0	7.266	233		57.2					90
Wet Bulb	180394	6276	26.9	6.993	233		69.1					90
Dew Point	130176	5118	22.0	8.748	233	2.7	85.0					90

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

AL CLIMATOLOGY BRANCH
ETAC
LEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
77-87 — YEARS
APR — MONTH

PART 1 — 0600-0800 HOURS (L.S.T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47					.2	.2												2	2		
4 / 46				.2	1.4	.4	.2											11	11		
47 47			1.2	1.4	.6													10	10		
/ 41		.8	4.3	2.5	.2													35	39	4	
/ 37		1.0	5.1		.2													34	34	30	
/ 37		2.7	6.6	1.6	.4													55	56	35	4
/ 35		3.7	5.5	1.2														50	50	28	16
2 / 33	.6	5.3	4.3	.6														54	54	58	31
/ 71	1.2	7.2	5.9	.6														73	73	64	74
/ 2	.2	3.7	4.1	.2														40	40	60	4
/ 27	.6	4.9	1.2	.4														34	34	45	55
/ 25		2.5	2.5															24	24	43	47
/ 22		1.0	.4															9	9	24	25
2/ 21		1.6																3	3	13	36
/ 19	.2	2.3	1.2															17	17	14	53
/ 17	.2	1.2	.2															3	8	13	14
1 / 15	.2	.2	.4															4	4	6	22
1 / 12		1.2																5	5	4	15
1 / 11		.2																1	1	5	11
/ 9		.6																3	3	1	8
/ 7		.2																1	1	3	5
/ 4		.2																1	1	2	3
/ 3																					2
/ 1																					6
/ -1																					1
/ -3																					1
/ -5																					3
/ -7																					4
TOTAL	3.5	41.0	43.2	11.0	2.0	.2												488	490	488	488

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.	2567351	34933	71.6	11.746	488							
Dry Bulb	540375	15991	32.6	7.322	490		41.9					90
Wet Bulb	404045	14525	29.9	6.678	488		55.9					90
Dew Point	315316	11768	24.1	8.110	488	1.3	80.2					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]38 FT RICHARDSON AK 77-82 APR
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
[illegible]					.4	.2															
4/ 53					.5	.2												4	4		
[illegible] 51				.4	1.[illegible]	.2												8	8		
[illegible] 49				1.5	1.2	.4	.4											18	18		
[illegible] 47			.2	4.2	3.[illegible]	.2												38	38	3	
4[illegible] 45			1.[illegible]	5.5	2.2	.2												49	48	7	
47 43		.2	3.[illegible]	4.4	1.4													48	48	12	
[illegible] 41		.6	3.2	3.6	1.[illegible]	.4												44	45	40	
[illegible] 39		1.2	5.9	3.[illegible]	.6													53	53	69	4
[illegible] 37		2.8	5.9	2.4														55	55	57	26
[illegible] 35	.2	3.4	5.3	2.4														56	56	78	31
3 / 33	.4	1.6	6.3	.3	.2													42	42	62	64
[illegible] 31	.2	3.0	3.2	1.2														36	36	53	92
[illegible] 29		.8	1.6	.4														14	14	45	68
[illegible] 27			.2															4	4	19	44
[illegible] 25		.2	.8															5	5	15	51
[illegible] 23	.2	.4	.8															7	7	9	17
[illegible] 21			.2															1	1	6	39
[illegible] 19		.6	1.[illegible]															8	8	4	21
[illegible] 17		.2																1	1	6	6
[illegible] 15																				2	13
[illegible] 13																					7
[illegible] 11																					4
[illegible] [illegible]																					5
[illegible] 7																					4
[illegible] 5																					2
[illegible] 3																					3
TOTAL	1.[illegible]	.4	39.6	30.1	11.7	1.8	.4												496		495
																		495		495	

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.	2174[illegible]71	32245	65.1	12.2[illegible]	495							
Dry Bulb	7[illegible]0289	19377	39.1	6.860	496		14.2					9[illegible]
Wet Bulb	612614	17182	34.7	5.763	495		28.9					9[illegible]
Dew Point	407721	13807	27.9	6.764	495		67.3					9[illegible]

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

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

PSYCHROMETRIC SUMMARY

73F STATION — FT MICHAELSON AK STATION NAME — 77-82 YEARS — APR MONTH

PAGE 1 — 1...-14... HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/1							•											1	1		
/52						.2	.2											2	2		
/67						.2	.2											2	2		
2/55					.4	1.2	.2											4	4		
4/57				.2	1.2	2.2												10	20		
2/51				1.2	2.4	2.6	.2											32	32		
1/4			.2	2.6	4.2	1.6												46	46	3	
1/47			.2	3.2	2.6	.2	.2											36	36	3	
4/45		.2	1.2	7.5	3.2													2	67	18	
4/43		.4	.6	6.2	1.8	.2												49	49	42	1
/41		.8	3.2	6.5	1.4													54	60	64	5
4/3...	.2	1.6	4.3	3.8	1.8													56	58	86	17
/37		2..	3.6	3.2	.4													45	45	52	29
2/35		1.2	2.2	1.2	.6													28	28	68	46
3/33		1.4	1.2	.4														15	15	54	54
2/31		2..	.2	.2														12	12	35	97
/3...			1.2															5	5	16	67
/27		.2	1..															6	6	5	6..
/25	.2	.2	.8															6	6	12	34
/23			.4															2	2	4	16
/21			.2															1	1	6	18
/1...																				1	16
1/17																					1..
1/15																					0
/13																					2
1/11																					6
/9																					2
111	.41	1.22	1.36	.42	1.5	.3	.3	1.2											495		494
																		494		494	

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.	136.958	29733	60.2	12.718	494							
Dry Bulb	933153	21232	42.9	6.741	495		5.8					9C
Wet Bulb	705219	18479	37.4	5.325	494		14.4					93
Dew Point	447188	14342	29.4	6.226	494		62.3					91

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

2

[redacted] STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | AP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL O.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					
≥ 61							.4												2	2		
59						.2													3	3		
57							.1												1	1		
55						1.0													5	5		
53				.2	.4	3.1	.2	.2											10	10		
51				.6	3.3	2.7	.2												24	24		
49			.6	2.3	4.1	1.4													43	43	5	
47			1.2	3.5	2.5	.2													35	35	5	
45		.2	1.4	7.2	3.9	.8													46	66	17	
43		1.4	1.6	6.8	1.2														54	54	55	1
41		.8	5.3	6.6	2.9	.6													79	79	71	5
39		.8	4.5	3.1	2.1	.6													59	60	76	19
37		.4	3.5	1.4	.4	.2													28	29	63	19
35		2.1	1.9	.4															11	21	67	39
33		1.4			.2														8	8	49	66
31		1.4		.3															11	11	31	113
29			.6																3	3	10	54
27		.6	1.9																12	12	1	56
25			.2																1	1	12	35
23			.2																1	1	7	6
21																					2	22
19																						12
17																						31
15																						11
13																						11
11																						1
																						2
TAL	0	22	28	33	22	11	3	1	0											468		800
																			496		496	

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.	1[illegible]6267	28945	59.6	17.[illegible]32	485							
Dry Bulb	935479	21145	43.3	6.293	488		5.2					[illegible]
Wet Bulb	702219	18315	37.7	4.976	485		11.7					9[illegible]
Dew Point	443202	14372	29.6	6.138	486		62.2					9[illegible]

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

2

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

PSYCHROMETRIC SUMMARY

73[illegible] STATION | FT RICHARDSON AK STATION NAME | 57-82 YEARS | [illegible] MONTH

PAGE 1 | [illegible] HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 57						•[illegible]												1	1		
5 / 55						•2												1	1		
4/ 53					•[illegible]													2	2		
[illegible] / 51					•7	•7												6	6		
[illegible] / 4[illegible]				•2	2•4	•2												13	13	1	
[illegible] / 47			•7	2•9	2•2	•2												20	20	1	
[illegible] / 45			1•1	5•1	2•[illegible]	•2												28	28	3	
4/ 43		•2	1•[illegible]	5•7	•7	•2												35	39	7	
[illegible] / 41		•4	4•4	7•1	1•[illegible]													47	60	79	2
[illegible] / 3[illegible]		1•1	6•[illegible]	4•6	1•[illegible]													63	63	69	3
[illegible] / 37		1•9	7•3	2•[illegible]	•[illegible]													74	55	64	9
[illegible] / 35		4•4	4•[illegible]	3•1														82	52	74	21
[illegible] / 33		1•3	2•4	•9	•4													20	25	72	46
[illegible] / 31	•7	3•8	3•1	1•3														46	41	46	37
[illegible] / [illegible]	•2	•7	1•3	•2														11	11	35	72
[illegible] / 27		•9	•4															6	6	22	49
[illegible] / 25		•2	•7															4	4	12	47
[illegible] / 23			•7															2	2	4	14
2/ 21		•7	•4															5	5	4	22
[illegible] / 19																				7	28
[illegible] / 17																					14
1 / 15																					6
1 / 13																					3
1 / 11																					7
[illegible] / [illegible]																					7
[illegible] / 7																					2
T[illegible]L	•[illegible]	1[illegible]•9	3[illegible]•1	3•1	1•[illegible]	[illegible]•[illegible]											2•[illegible]	453	455		453
																		453		453	

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.	1[illegible]32[illegible]82	29[illegible]46	64•1	12•965	453							
Dry Bulb	71372	17[illegible]08	39•1	6•[illegible]73	455		13•9					9[illegible]
Wet Bulb	[illegible]56165	15709	34•7	5•[illegible]25	453		26•4					9[illegible]
Dew Point	361457	12463	27•6	6•217	453		73•9					9[illegible]

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

734 — STATION
FT MICHAELSON AK — STATION NAME
57-62 — YEARS
APR — 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
7/ 61							.1											3	3		
6/ 59						.2	.2											5	5		
5/ 57						.1	.1											4	4		
4/ 55					.2	.5	.4											17	17		
4/ 53				.1	.	1.	.	.										46	46		
2/ 51				.4	1.4	1.1	.1											80	80		
1/ 49			..	1.2	2.4	.7	.1											100	100	9	
1/ 47			.5	2.6	2..	.2	..											140	140	17	
0/ 45		.1	1.1	4..	2..	.3												225	225	55	
0/ 43		.5	1.6	4.6	1.1	.1												207	207	102	3
0/ 41		.6	3.9	4.3	1.2	.2												262	235	218	13
0/ 39	..	1.3	5.1	2.7	1.2	.1												276	279	320	43
1/ 37		2..	5.3	2..	.3	.0												258	261	307	67
1/ 35	..	3.2	3.6	1.4	.1													223	223	334	105
3/ 33	.3	2..	2..	.5	.2													178	178	326	273
2/ 31	.5	3..	2.5	.8														205	206	267	540
1/ 29	.2	1.3	1..	.2														95	95	191	330
1/ 27	.1	2..	1.1	.1														67	67	111	291
1/ 25	..	1..	1..															53	53	109	329
1/ 23	..	.5	.3															33	33	65	79
0/ 21	.1	..	.2															31	31	44	161
1/ 19	.1	..	..															34	34	40	176
1/ 17	..	.6	.2															18	18	26	73
1/ 15	..	..	.1															4	4	16	70
1/ 13		.3																7	7	4	51
1/ 11	.1	.2																7	7	1..	36
1/ 9		.1																3	3	4	37
0/ 7		.2																4	4	3	15
0/ 5		.1																2	2	6	5
0/ 3																					2
0/ 1																					7
0/ -1																					3
0/ -3																					9
0/ -5																					7

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) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 | FT RICHARDSON AK | 77-82 | AP
STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] | 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
- / -7																					3
TOTAL	1.	22.	232.	126.	312.	[illegible]	4.	3	.5	.0									2657		2649
																		2649		2649	

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.	11702363	172461	65.1	13.365	2649							
Dry Bulb	4119039	172711	39.5	8.219	2657		158.3					720
Wet Bulb	3210352	90486	34.2	6.731	2649		249.3					720
Dew Point	2105040	72090	27.2	7.369	2649	3.9	564.0					720

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

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

PSYCHROMETRIC SUMMARY

...736 | FT RICHARDSON AK | 77-82 | 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				
/ 55						.4												1	1		
/ 55				.4														1	1		
/ 53		.4																1	1		
/ 51				.7	.4													3	3	1	1
/ 49		.7	.4	.7	.4													6	6	2	
/ 47		.4	1.8	1.4	.4													11	11	2	
/ 45		2.9	2.9	2.5	.4	.4												25	25	6	3
47/ 43	.7	2.2	2.3	3.3	.4													41	41	23	7
7/ 41		6.5	3.3	1.4	.4													40	46	32	11
/ ?		6.5	7.2	1.4	.7													44	44	57	23
/ 37		8.3	2.9	1.1	.4													35	35	40	13
/ 35	.7	3.3	1.3	1.1														19	19	50	42
/ 33		4.3	3.6		.4													23	23	31	48
/ 31	.7	2.5	1.8															19	14	27	53
/		.7	.7															4	4	14	17
/ 27			.4															1	1	7	16
/ 25			.4															1	1	2	12
/ 23																				1	6
27/ 21																				1	5
/ 1																					6
/ 17																					3
/ 15																					2
17/ 13																					3
/																					1
/ 7																					1
TAL	.7	23.8	40.6	14.1	3.6	.7													276		276
																		276		276	

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.	1575563	20589	74.6	12.456	276							
Dry Bulb	451344	11074	40.1	5.052	276		6.7					93
Wet Bulb	384309	10219	37.0	4.765	276		17.5					93
Dew Point	300247	8933	32.4	6.360	276		43.1					93

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

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

PSYCHROMETRIC SUMMARY

738 FT RICHARDSON AK — 77-82 — MAY

STATION — STATION NAME — YEARS — MONTH

PART 1 — 00Z-12Z — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 72							•	•2										2	2		
/ 61					•													1	1		
/ 59					•1	•2	•2											3	3		
/ 57				•2	•4	•2												4	4		
/ 55			•1	•4	•3	•4												8	8		
02/ 53		•2	•1	•2	1•4	•4												14	14	3	
/ 51		•4	•3	2•1	1•1	•2												24	24	6	
/ 49		•8	2•2	4•2	3•2	•8												55	55	13	3
/ 47		•6	4•2	7•4	2•8													73	73	14	3
/ 45	•1	2•2	5•3	3•5	•8													89	89	46	11
47/ 43		3•6	7•8	4•8	1•4													68	89	70	17
/ 41		3•8	7•2	2•2	•4													68	68	124	32
/ 39	•2	1•4	4•1	1•2		•2												34	34	112	53
/ 37	•2	1•4	2•1	•2														19	19	61	73
/ 35	•2	•6	1•															9	9	39	83
/ 33		•4	•3															7	5	15	74
/ 31		•2		•2														2	2	7	77
/ 29																				4	51
/ 27																				1	17
/ 25																					11
/ 23																					4
27/ 21																					2
/ 1																					1
/ 17																					1
/ 15																					1
TOTAL	•3	15•7	36•3	31•9	12•7	2•4	•1	•2										428	428	498	498

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	24•6312	34•92	68•5	12•264	498							
Dry Bulb	1•30459	22•25	45•2	4•044	498		•4					
Wet Bulb	34799	20291	40•7	4•123	498		2•2					
Dew Point	625467	17463	35•1	5•130	498		27•3					

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

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 — STATION
FT RICHARDSON AK — STATION NAME
[illegible]77-82 — YEARS
MAY — MONTH
[illegible]ERIOD 1 — HOURS (L. S. T.) [illegible]0-11

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]/ 69									.2									1	1		
[illegible]/ 67								.2										2	2		
[illegible]/ 65					.2	.2	.2		.4									3	3		
[illegible]/ 63						.4	.2	.2										4	4		
[illegible]/ 61				.2	.4	.6	.6											9	9		
[illegible]/ 59				.4	.6	.6	.3	.2										14	14		
[illegible]/ 57				.4	2.2	2.2	.2											29	29	2	
[illegible]/ 55			.4	.4	2.4	2.6												31	31	2	
[illegible]/ 53			.4	1.2	3.2	3.4	.2											48	49	10	1
[illegible]/ 51			1.2	4.0	7.6	3.4	.2											4	84	17	
[illegible]/ 49		.2	3.2	6.8	6.6	1.2	.2											25	93	26	2
[illegible]/ 47		1.4	4.4	7.2	3.2	.2												4	94	54	7
[illegible]/ 45		2.4	1.2	5.2	1.6													54	94	81	13
[illegible]/ 43		.8	1.6	1.4	.4													21	21	134	31
[illegible]/ 41		.8	1.2	1.2	.2													17	17	84	51
[illegible]/ 39		.2	.4															3	3	46	67
[illegible]/ 37		.2																1	1	23	65
[illegible]/ 35	.4																	2	2	7	1[illegible]
[illegible]/ 33																				1	[illegible]
[illegible]/ 31																					71
[illegible]/ [illegible]																					[illegible]
[illegible]/ 27																					3
[illegible]/ 25																					3
[illegible]/ 23																					2
[illegible]/ 21																					2
TOTAL	.4	.8	15.1	29.1	29.7	15.1	7.2	.2	.6									[illegible] 496		[illegible] 496	

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.	1[illegible]67311	29841	59.[illegible]	12.662	499							
Dry Bulb	128[illegible]648	25126	50.5	5.104	498			.6				93
Wet Bulb	970676	21906	44.[illegible]	3.773	496							93
Dew Point	674543	18163	36.5	4.935	498		20.9					93

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

2

PSYCHROMETRIC SUMMARY

STATION NAME ____ YEARS 77-82 MAY MONTH

PART I 1200-1410 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
≥/ 77									.2									1	1		
≥/ 73									.2	.2								2	2		
≥/ 69								.2	.2									5	5		
≥/ 67							.4	1.0										7	7		
≥/ 65					.2	.2	.2	.4										8	8		
≥/ 63						.4	.2	.2	.2									9	9		
≥/ 61				.2	.4	1.2	1.0											17	17		
≥/ 59					.4	3.4	1.2	.2										25	25	1	
≥/ 57			.2	1.0	5.4	1.4	.4											47	47	5	
≥/ 55			.6	4.8	5.2	1.2	.4											68	64	9	
4/ 53		.4	2.4	7.0	6.0	2.0												89	89	14	
≥/ 51		1.2	4.4	5.2	4.6													55	55	16	2
≥/ 49	.2	2.0	3.2	3.4	1.2													53	53	46	5
≥/ 47	.4	1.2	2.0	1.0														38	38	27	4
≥/ 45	1.2	1.0	2.0	1.0														29	29	09	11
4/ 43	1.4	1.2	.6															16	16	11D	34
≥/ 41																				57	59
≥/ 39																				35	36
≥/ 37	.6																	3	3	5	70
≥/ 35																					73
≥/ 33																					41
≥/ 31																					56
≥/ 29																					23
≥/ 27																					23
≥/ 25																					8
≥/ 21																					1
TOTAL	4.4	8.2	15.7	29.1	27.9	9.8	3.0	.2	.2									498		498	498
																		498		498	

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.	1204562	27106	54.6	12.896	498							
Dry Bulb	1430726	26624	53.5	5.559	498			2.8	.2			93
Wet Bulb	1044515	22727	45.6	3.860	498							93
Dew Point	685905	18311	36.3	5.240	498		21.1					93

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

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | ...V 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
../ 72									.6									3	3		
../ 71							.2	.4	.6									7	7		
../ 69							.4	.4										3	3		
../ 67							.2	.2										2	2		
../ 65					.2	.2	1.4											9	9		
../ 63						.2	.4											5	5		
../ 61				.2	.2	1.2	1.2	.4										19	19		
../ 59					1.	3.8	2.3											33	33	2	
../ 57				.2	1.4	5.1	3.1	.2										52	52	12	
../ 55				.2	2.3	4.4	2.3	.4										49	49	5	
../ 53				2.7	5.3	5.6	1.2											72	72	10	1
../ 51			1.2	4.1	2.4	4.5	.6											91	91	27	1
../ 49		.6	.6	4.7	3.9	1.9	.2											58	58	37	4
../ 47		.4	1.2	2.5	2.7	.2												33	33	73	2
../ 45		.6	1.4	.8	2.3													25	25	93	21
../ 43		1.4	1.4	.4														16	16	119	23
../ 41		.8	.2	.2														6	6	64	55
../ 39		.4																2	2	31	60
../ 37		.2																1	1	13	65
../ 35																					77
../ 33																					53
../ 31																					58
../ 29																					43
../ 27																					21
../ 25																					10
../ 23																					4
../ 21																					1
TOTAL		4.5	5.9	16.7	27.8	27.8	14.0	2.9	1.2										496		496
																		496		496	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1449...	25319	53.1	12.654	48...							
Dry Bulb	1406...	25990	53.5	5.908	485			...9	.5			93
Wet Bulb	1003...	22056	45.4	4.137	486							93
Dew Point	647...	17556	36.1	5.234	486		23.3					93

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

CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
MAY — 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
/ 71							.2	.2										2	2		
/ 69									.2										2		
/ 67							.2											3	7		
5/ 65						.2	.2											4	4		
4/ 63						.4												2	2		
4/ 61					.2	.2	.2											5	5		
/ 59				.6	.2	2.4												15	15	1	
/ 57				1.1	1.3	1.3												17	17	3	
6/ 55				.6	3.7	3.5	.6											39	30	4	
4/ 53		.2		.2	3.3	4.1	.6											38	32	9	
3/ 51			.2	3.9	5.6	3.9	.2											64	64	16	1
1/ 49		.2	1.5	5.4	10.4	1.9	.4											92	92	21	4
2/ 47		.6	3.2	4.5	7.1	1.3												78	78	25	5
4/ 45		.2	2.8	5.2	1.7	.2												47	47	56	14
4/ 43		.9	3.2	2.6	.2													35	35	94	18
1/ 41		.4	1.1	.4														9	9	117	33
2/ 39	.4	1.5		.2														10	10	96	61
1/ 37																				31	35
/ 35																				7	59
2/ 33																					3
/ 31																					61
/ 29																					37
/ 27																					23
/ 25																					8
/ 23																					2
2/ 21																					2
/ 19																					3
TOTAL	.4	4.1	12.1	24.9	34.2	19.9	7.7	.4	.2									462	462		462
																	462		462		

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.	1596844	26518	57.4	12.213	462							
Dry Bulb	1181125	23227	50.3	5.389	462			1.4				93
Wet Bulb	880477	20077	43.5	4.165	462							93
Dew Point	586769	16273	35.2	5.429	462		32.4					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

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
MAY — 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
/ 73									.1									4	4		
/ 71							.1	.1	.1	.0								11	11		
/ 69							.0	.3	.1									11	11		
/ 67							.1	.3										14	14		
67 / 65					.1	.1	.5	.1	.1									26	26		
67 / 63						.4	.3	.1	.0									22	22		
71 / 61				.1	.3	.7	.8	.1										51	51		
/ 59				.2	.4	1.9	.8	.1										91	91	4	
/ 57				.4	1.3	2.6	.8	.3										145	145	12	
59 / 55			.1	.5	2.5	3.0	.8	.1										192	192	20	
47 / 53		.1	.3	1.3	3.7	3.5	.7											262	262	46	2
27 / 51		.1	.6	3.4	5.3	3.2	.3											351	351	85	5
50 / 49		.6	1.0	4.4	4.9	1.3	.1											357	357	146	16
/ 47		.7	2.7	4.4	3.6	.3												317	317	275	48
4 / 45	.0	1.5	2.7	4.2	1.4	.1												269	269	385	69
47 / 43	.1	1.7	3.6	2.1	.5													217	217	550	127
27 / 41		1.7	2.6	.9	.1													146	146	462	241
8 / 39	.1	1.3	1.5	.4	.1	.0												93	93	386	341
7 / 37	.0	1.3	.7	.1	.0													59	59	173	346
5 / 35	.2	.4	.4	.1														30	30	103	437
3 / 33		.5	.5		.0													28	28	37	324
/ 31	.1	.3	.2	.0														16	16	34	392
/ 29		.1	.1															4	4	15	154
/ 27			.0															1	1	5	106
/ 25			.0															1	1	2	64
/ 23																				1	19
27 / 21																				1	17
/ 19																					12
1 / 17																					4
1 / 15																					2
1 / 13																					1
/																					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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
& WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

2736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
MAY — MONTH
PAGE —
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL		1	213	122	524	16.7	5.6	1.5	.5									2718	2718	2718	2718

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.	10459701	164725	60.3	14.372	2718							
Dry Bulb	6789143	134566	49.5	6.834	2718		6.0	19.9	1.1			744
Wet Bulb	5124293	117274	43.1	4.863	2718		17.5					744
Dew Point	3520419	96699	35.6	5.431	2718		214.1					744

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 | FT RICHARDSON AK | 77-87 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0900
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					.7													2	2		
/ 57			.7	.3	.3													4	4		
F / 55			1.0	2.0	1.4													16	16		
4/ 53		.7	3.1	2.4	1.7	.3												24	24	2	
/ 51		5.6	4.7	6.1		.3												50	50	17	1
/ 4		9.5	5.1	3.1	1.4													65	65	36	15
/ 47		7.5	7.5	2.7	.3													53	53	66	25
4 / 4		11.9	3.7	1.3														40	40	61	12
4/ 43	.3	5.1	2.4	.7														16	16	44	47
/ 41		2.4	1.4															11	11	24	6
/ 3	.3	1.0	.3															3	5	15	42
/ 37																				7	24
/ 35																				1	13
/ 33																					13
/ 31																					3
/ 2																					2
TOT'L	.7	47.3	33.9	18.3	5.8	.7												295	295	295	295

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1638521	23001	78.0	11.031	295							90
Dry Bulb	708529	14413	48.9	3.844	295							90
Wet Bulb	616427	13449	45.6	3.345	295							90
Dew Point	528726	12426	42.1	4.253	295		1.5					90

USAFETAC FORM AM 80 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | JUN MONTH

 0600-0900 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
≥ 63					.2		.2											2	2		
61				.2	.2	.6												5	5		
59			.2	2.9	3.1	1.7												41	41		
57			1.7	3.5	3.1	1.2												49	49	1	
55			1.9	5.6	4.1	1.9	.4											67	67	4	1
53	.2	.6	6.6	6.2	1.4	.8												81	81	33	3
51		1.6	7.4	6.2	1.4	.6												88	88	56	5
49		4.3	7.3	3.9														76	75	119	26
47		7.3	6.3	2.1														78	79	123	42
45	.2	1.9	1.6	.2														20	20	113	114
43		1.9																5	5	53	111
41		.2																1	1	13	86
39																					63
37																					43
35																					13
33																					5
31																					1
29																					1
TOTAL	.4	1.5	3.2	4.3	3.0	.9	1.3	.4	.8	.6								515		515	515

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.	271184	36972	71.6	11.831	515							
Dry Bulb	142874	27043	52.5	4.113	515							90
Wet Bulb	112239	24033	47.8	2.987	515							90
Dew Point	969529	22259	43.2	3.806	515		1.0					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]736 | FT RICHARDSON AK | 77-82 | JUN
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
/ 71							•											1	1		
/ 69							•											1	1		
/ 67						.8	1.[illegible]		.[illegible]									11	11		
67 / 65					•	2.3	.8											19	19		
4/ 63				.2	1.7	3.3	1.9											37	37		
/ 61			.2	1.4	4.[illegible]	2.1	1.2											50	50		
/ 59			.9	3.7	3.9	3.3	.6											62	62	1	
/ 57			2.1	4.1	4.[illegible]	2.5	.4											72	72	10	
5 / 55		1.4	2.5	6.[illegible]	3.7	1.[illegible]												75	75	46	
4/ 53		1.4	6.2	5.[illegible]	1.6													73	73	93	5
/ 51		1.4	4.[illegible]	2.9														47	47	95	19
/ 49		3.9	2.5	1.4														40	40	117	56
/ 47	.4	3.5	.9															24	24	105	95
4 / 45		.6	.2															4	4	42	116
47 / 43																				5	72
/ 41																				1	76
/ [illegible]																					43
/ 37																					13
/ 35																					2
/ 33																					4
TOTAL	.4	12.[illegible]	20.0	24.6	21.1	15.1	6.2	.[illegible]											16		516
																		516		516	

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.	234[illegible]319	34117	66.1	13.4[illegible]7	516							
Dry Bulb	1661442	29164	56.5	5.[illegible]46	516			2.3				9[illegible]
Wet Bulb	1316725	26035	50.[illegible]	3.152	[illegible]16							93
Dew Point	1041696	23106	44.8	3.695	516							93

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

CL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7736	FT RICHARDSON AK	77-82	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						
4/ 73								.4												3	3		
/ 71							.2	.4	.2											6	6		
/ 69						1.0	2.1	1.7	.2											22	22		
5 / 67					.2	2.1	2.7	1.4	.6											44	44		
6/ 65					.2	1.7	2.1	.6	.4											30	30		
4/ 63				1.2	2.2	4.2	2.3	1.1	.2											57	57		
2/ 61		.2	.6	2.1	4.7	2.5	1.7													61	61		
/ 59			.6	3.1	2.9	4.5	1.4													64	64	17	1
/ 57			1.4	2.1	4.8	2.7	.4													59	59	57	
5 / 55		.6	2.3	4.8	3.3	.4														54	54	55	1
4/ 53		1.4	4.1	2.1	.4	.2														42	42	48	16
2/ 51		2.3	2.9	.4																29	29	84	36
/ 49		4.1	1.6	.6																32	32	132	71
4 / 47		1.6																		8	8	61	91
4 / 45																						10	94
4/ 43		.2																		1	1	4	72
2/ 41																							75
4 / 3																							39
/ 37																							20
/ 35																							11
3 / 33																							3
2/ 31																							1
TOTAL	1	.7	13.4	16.3	19.8	20.3	17.4	5.0	1.6											516		516	
																				516		516	

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.	205.658	31682	61.4	14.841	516							
Dry Bulb	1834373	30619	59.3	5.824	516			12.9	.7			90
Wet Bulb	1399476	26910	52.0	3.752	516							98
Dew Point	1067148	23356	45.3	4.400	516		.2					52

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 73								[illegible]	.4									3	3		
[illegible] / 71							[illegible]	1.6	.2									13	13		
[illegible] / 69						1.5	2.4	1.[illegible]	.2									27	27		
[illegible] / 67				.2	[illegible]	2.[illegible]	1.2	2.2	.4									31	31		
67 / 65				1.[illegible]	1.4	2.4	2.[illegible]	1.[illegible]	.6									43	43		
[illegible] / 63				.4	1.2	3.3	2.4	[illegible]	.2									52	52		
[illegible] / 61			.2	2.[illegible]	3.[illegible]	3.5	2.2											63	63	3	
[illegible] / 59			.4	4.1	2.[illegible]	3.1	2.[illegible]											62	62	36	
[illegible] / 57			1.4	2.[illegible]	3.3	2.8												58	58	43	
[illegible] / 55			3.9	4.1	2.6	.8												58	58	56	[illegible]
[illegible] / 53		.2	3.5	2.4	[illegible]													35	35	[illegible]0	9
[illegible] / 51	.2	2.2	2.8	.3														70	37	91	32
[illegible] / 49		1.6	2.6	.6														24	24	117	61
[illegible] / 47		1.4																7	7	65	91
[illegible] / 45			.4															2	2	16	99
47 / 43																				2	[illegible]3
[illegible] / 41																				1	54
[illegible] / 39																					42
[illegible] / 37																					35
[illegible] / 35																					11
37 / 33																					5
TOTAL	.2	.3	15.7	17.7	17.9	21.7	12.9	6.7	2.0										[illegible]8		508
																		508		506	

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.	1921069	30399	59.8	14.182	508							
Dry Bulb	1835[illegible]6	30388	59.8	5.913	508			17.1	.[illegible]			90
Wet Bulb	1387146	26478	52.1	3.731	508							90
Dew Point	1042120	22896	45.1	4.480	508							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

73[illegible] FT RICHARDSON AK 77-82 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1[illegible]-2[illegible]
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 77								.2										3	3		
[illegible] / 69						.4	.2	.4										5	5		
[illegible] / 67					.2	.6	1.[illegible]	1.[illegible]										14	14		
6/ 65					.2	.6	.3	.2										11	11		
9/ 63		.2		.6	1.6	4.9	1.6	.4	.2									48	49		
2/ 61			.4	1.3	4.3	2.4	1.[illegible]	.4										31	51	1	
[illegible] / 59			.4	2.6	3.[illegible]	2.8	2.[illegible]	.8										59	59	6	1
[illegible] / 57		.2	1.4	2.8	4.7	3.7	.6											66	66	16	
5 / 55		.4	3.9	4.7	4.7	2.[illegible]												77	77	38	1
4/ 53		1.[illegible]	4.7	5.3	3.7	.6												75	75	77	7
[illegible] / 51	.2	2.0	2.8	2.2	1.[illegible]													45	45	96	24
[illegible] / 49	.8	1.6	2.2		.2													24	24	112	48
[illegible] / 47		1.2	.6	.6														12	12	101	79
4/ 45		.2																1	1	41	81
4/ 43		.2																1	1	13	73
[illegible] / 41																				1	63
[illegible] / 39																					47
[illegible] / 37																					40
[illegible] / 35																					25
3 / 33																					9
[illegible] / 31																					2
[illegible] / 29																					1
TOTAL	1.0	7.1	16.5	20.7	25.2	13.1	7.5	3.7	.2									492		492	492

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.	2000523	30697	62.4	13.76	492							
Dry Bulb	1627148	28184	57.3	5.27	492			4.0	.5			90
Wet Bulb	1257538	24514	50.4	3.509	492							9[illegible]
Dew Point	959137	21597	43.9	4.756	492		.5					9[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736 STATION | FT RICHARDSON, AK STATION NAME | 77-82 YEARS | JUN 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
4/ 73								.7	.1									8	5		
/ 71							.2	.4	.1									7	20		
/ 69						.6	.8	.8	.1									15	55		
6/ 67				.3	.2	1.1	1.1	.9	.2									100	100		
6/ 65				.2	.7	1.3	1.1	.4	.2									103	103		
4/ 63		.6		.4	1.3	3.2	1.5	.4	.1									196	196		
/ 61		.0	.4	1.3	3.2	2.3	1.1	.1										270	270	4	
/ 59			.4	3.3	3.5	2.8	1.1	.2										290	290	54	
/ 57		.7	1.5	2.6	4.1	2.3	.2											308	308	127	
5/ 55		.4	2.3	4.8	3.4	.9	.1											352	352	201	12
4/ 53	.3	.9	4.6	4.3	1.5	.3												330	330	380	40
/ 51	.1	2.3	4.2	2.9	.2	.1												289	289	419	117
/ 49	.1	3.8	3.7	1.5	.2													263	263	635	276
/ 47	.1	3.4	2.1	.8	.2													182	182	525	431
4/ 45	.1	1.7	.8	.1														76	76	293	559
4/ 43	.1	.5	.2	.1														23	23	141	448
/ 41		.3	.1															12	12	40	393
5/ 39	.0	.1	.0															5	5	15	269
/ 37																				7	171
/ 35																				1	76
3/ 33																					34
/ 31																					11
/ 29																					4
11 7/ 6	.1	3.4	2.1	1.7	1.8	.3	14.6	7.2	2.9	.7									2842		2842
																		2842		2842	

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.	12 8696	186828	65.7	14.596	2842							
Dry Bulb	9095739	159811	56.2	6.202	2842			46.9	2.0			720
Wet Bulb	7162121	142219	50.0	3.989	2842							720
Dew Point	5606336	125640	44.2	4.360	2842		3.5					720

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

2

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

PSYCHROMETRIC SUMMARY

...73... STATION | FT RICHARDSON AK STATION NAME | ...77-82 YEARS | ... MONTH

A... 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
../ 83				•														1	1		
../ 81			.7	.7														4	4		
../ 79			1.	1.3		.7												7	7		
../ 77		2.1	1.7	3.5														[illegible]	2	[illegible]	
../ 75	.71	.7	6.2	.3	.7													2	12	15	7
../ 73	1.1	12.8	8.3	1.4	.3													12	12	[illegible]	[illegible]
../ 71	1.41	3.5	4.2	2.4														12	12	72	81
../ 69	.3	9.	3.1	1.4														27	27	27	59
../ 67	.3	3.5	1.4	1.4														24	24	43	[illegible]
../ 65	.7	.7	.3	1.3														7.	7.	15	[illegible]
../ 63		.3																1	1	11	1
../ 61																					1
../ 59																					12
../ 57																					[illegible]
../ 55																					[illegible]
TAL	3.	54.	727.	313.	.7	.3												[illegible]			289
																		289		289	

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

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	21327.3	24479	84.7	10.062	289							
Dry Bulb	8[illegible]823	15269	52.8	3.262	289							93
Wet Bulb	7357.7	14951	51.3	3.266	289							53
Dew Point	678132	13944	48.2	4.319	289							42

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

PSYCHROMETRIC SUMMARY

73- FT RICHA 0500 AK — STATION NAME — 77-82 — YEARS — JUL — MONTH

PAGE 1 — 0000-0000 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 76					•		•2											2	2		
/ 67				•2	•4	•4	•2		•2									7	7		
/ 65				•2	•2	•2												5	5		
4/ 63			•4	•4	2•	1.4	•2											12	23		
/ 61		1.2	1.4	1•			•2											23	23	2	
/ 59	1.3	3.1	5.2	1.3	1.2													64	64	6	
/ 57	5.7	7.2	4.5	•														53	94	71	4
5/ 55	•4	8.2	9.2	2.2	•6	•6												112	112	81	37
/ 53	1.6	11.6	5.6	1.4	•2	•2												101	101	139	69
/ 51	•6	6.4	2.1	1.2	•4													55	56	107	112
/ 49	•2	2.9	•8	•4														22	22	74	110
/ 47		•2																4	4	29	60
4/ 45																				5	47
4/ 43																				2	29
/ 41																					11
/																					
7/ 37																					
/ 35																					4
3/ 33																					2
TOTAL	2.7	36.5	2.4	1.8	1.5	4	3.0	•8		•2									13		51
																		510		510	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3276724	40358	79.1	12.774	510							
Dry Bulb	1626452	26822	56.3	3.837	513			1.6				93
Wet Bulb	1412814	26803	52.6	2.963	510							93
Dew Point	1256177	25229	49.5	3.997	510							93

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

AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73c — STATION
FT MICHAELSON AK — STATION NAME
77-82 — YEARS
JUL — MONTH
PAGE 1
0500-1100 — 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
/ 75								•4										4	7		
47/ 73							•4	•4	•2									5	5		
/ 71						•2	•2	•2	•2									9	9		
/ 69					•4	•4	1•0	•2	•2									14	14		
/ 67					•4	1•4	•6											17	17		
67/ 65				1•4	2•5	1•6	•3											32	32		
/ 63			•4	3•9	2•9	3•3	•2											52	52		
/ 61		•4	4•1	7•6	3•2	•6	•2											83	83	15	
/ 59		2•7	5•7	4•7	2•4	•6												2	[illegible]	[illegible]	7
/ 57		5•3	6•1	2•2	•2	•4												76	76	94	11
F / 55	•4	7•3	3•9	3•1	•6	•2												79	77	119	[illegible]
55/ 53		6•7	1•4	•5														45	45	112	111
/ 51	•2	2•2	•6															15	15	54	117
/ 49		•6																3	3	21	75
/ 47																				7	58
/ 45																					42
47/ 43																					17
/ 41																					5
/ 39																					1
/ 37																					[illegible]
/ 35																					1
TOTAL	•2	25•1	42•2	25•5	13•3	9•4	2•9	1•0										510	512	510	514

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.	2655282	37538	73•6	13•469	510							
Dry Bulb	1630927	30461	59•7	4•747	512			7•8	1•3			93
Wet Bulb	1537597	27959	54•8	3•284	510							93
Dew Point	1324942	25924	50•3	3•758	510							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

736	FT RICHARDSON AK	77-80	JUL
STATION	STATION NAME	YEARS	MONTH

PART 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
/ 93										•								1	1		
/ 91											•							1	1		
/ 79									•		•							2	2		
7 / 77						•		1.0										6	6		
/ 75						•	•		•									7	8		
4/ 73					•			•	1.5	•								14	15		
/ 71						1.0	•	1.0	•									15	15		
/ 69						1.4	2.0	1.8										26	26		
/ 67					1.6	3.5	2.2	1.4	•									43	45	2	
6/ 65					3.7	3.0	1.4	1.2	•									53	53	4	1
4/ 63			1.0	2.6	4.7	2.4	1.4											51	61	13	1
/ 61		.8	4.3	3.9	2.4	.8	.4											64	64	33	2
/ 59		4.9	5.3	2.4	1.2	.2	.2											77	77	77	5
/ 57		5.3	4.3	2.6	.4	.2												65	65	102	36
5 / 55	.2	6.5	1.5	.6	.2													47	47	109	60
4/ 53	.4	3.1	.4															20	20	91	112
2/ 51		1.5																5	5	44	135
/ 49																				12	65
/ 47																				1	42
4 / 45																					27
47 43																					14
/ 41																					4
/ 39																					3
/ 37																					1
TAL	.2	21.6	19.1	17.7	18.7	9.8	6.4	3.5	1.0	.2	.4								11		509
																		509		509	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	2[illegible]1656	35549	69.8	15.307	509
Dry Bulb	2013220	31940	62.5	5.742	511
Wet Bulb	1628474	28743	56.5	3.285	509
Dew Point	1373820	26361	51.8	3.986	509

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.			21.7	6.0	.7		93
Dry Bulb			.5				93
Wet Bulb							93
Dew Point							93

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

2

...SONAL CLIMATOLOGY BRANCH
...SAFETAC
...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 77-81 YEARS | JUL MONTH

FACT 1 | 1200-1700 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/ 0										.1								1	1		
2/ 81									.2	.4								2	2		
/ 79						.2	.2	.2	.6	.2								7	7		
7 / 77						.2	.2	.4	.2									5	5		
/ 75					.2	.5	.2	.5										10	10		
4/ 73					.2	.4	1.2	1.4	.2									17	18		
/ 71					.5	1.0	1.2	.5										17	19		
2/ 69					1.0	1.6	2.4	.6										30	32	3	
5 / 67				.2	1.2	2.0	3.0	1.0	.2									40	40	3	
6/ 65		.2	.2	2.6	4.2	3.0	1.4	.4										55	59	11	
4/ 63			1.4	5.4	2.4	1.6	.6											57	57	17	5
3/ 61		2.0	4.6	2.4	1.2	2.2												61	60	35	4
/ 59		2.8	4.4	3.6	.8	1.2												64	64	69	9
/ 57		2.4	3.6	1.6	.4	.2												56	56	102	38
3 / 55		5.6	3.6	.8	.4													52	52	130	81
4/ 53		2.6	.8															17	17	75	29
2/ 51	.2	.4																1	3	49	64
2 / 49																				13	63
1 / 47																				1	49
1 / 45																					17
1/ 43																					23
1/ 41																					11
1 / 39																					7
/ 35																					1
TOTAL	.2	19.1	16.9	17.5	13.7	15.3	8.2	5.2	1.2	.8								498	500	496	498

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.	2457.03	34987	68.4	15.784	498							
Dry Bulb	20134.8	31580	63.2	6.154	500			29.6	8.2	1.5		93
Wet Bulb	16122.5	28277	56.3	3.657	498			1.1				93
Dew Point	13966.8	25304	51.3	4.438	498							93

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7336 — STATION
FT RICHARDSON AK — STATION NAME
87-92 — YEARS
JUL — MONTH
PAGE 1
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
/ 81								.2										1	1		
/ 79									.2									1	1		
/ 77							.2	.2		.2								3	3		
/ 75					.2			.2										3	3		
/ 73					.2		.2	.2										4	4		
/ 71					1.1	.6	.3	.2										13	14		
/ 69				.4	.4	1.0	1.5	.2										24	24		
/ 67				.5	.3	2.5	1.1	.6										28	29	3	
67/ 65				.6	2.1	.8	.6											20	20	3	
67/ 63			.9	4.4	3.4	2.7	1.7	.2										59	59	9	1
/ 61	.4	2.3	2.1	1.7	2.3	.2												57	57	18	4
/ 59	3.4	6.1	4.1	1.3	1.7													78	78	29	5
/ 57	7.8	3.8	1.9	.3	.4													70	70	92	11
/ 55	.2 6.8	4.3	1.7	1.1	.6													68	68	121	66
67/ 53	4.6	2.7	.2	.2														37	37	96	85
/ 51	.6	.8																7	8	56	101
/ 49		.2																1	1	34	73
/ 47																				11	42
67/ 45																				2	32
67/ 43																					23
67/ 41																					17
/ 39																					7
/ 37																					5
/ 35																					2
TOTAL	.2 23.6	20.5	19.2	13.3	13.7	5.9	3.2	.2	.2									474	476	474	474

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.	2484747	33571	70.8	15.046	474							
Dry Bulb	1768519	28899	60.7	5.428	476			15.2	2.3	.2		93
Wet Bulb	1447236	26138	55.1	3.531	474			.6				93
Dew Point	1221042	23960	50.9	4.575	474							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

727 FT RICHARDSON AK 77-82 JUL
STATION STATION NAME YEARS 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
82 / 75										.1								2	2		
81 / 81								.1	.0	.1	.0							2	5		
80 / 79						.0	.0	.2	.2	.0	.0							10	10		
79 / 77						.1	.1	.3	.0	.0								14	14		
78 / 75					.1	.2	.1	.2	.1									22	23		
77 / 73				.1	.1	.1	.4	.6	.1									40	42		
76 / 71					.2	.5	.6	.3										54	56		
75 / 69				.1	.7	1.1	1.2	.7										96	96	5	
74 / 67			.2	.8	1.0	1.5	.6	.3	.1									133	133	9	
73 / 65		.0	.3	1.2	2.4	1.3	.7	.1										169	169	18	1
72 / 63			.6	3.2	2.7	2.2	.6	.0										222	253	47	7
71 / 61		.6	2.3	3.7	1.8	1.2	.2											291	291	101	16
70 / 59		2.7	4.7	3.8	1.3	.2	.0											372	372	213	24
69 / 57		5.5	4.7	2.8	.5	.2												382	393	465	162
68 / 55	.5	7.3	4.7	1.7	.5	.3												410	410	556	335
67 / 53	.5	6.5	2.8	.6	.1	.0												292	292	581	567
66 / 51	.3	3.4	1.3	.4	.1													147	149	430	593
65 / 49	.1	1.5	.5	.2														63	63	227	445
64 / 47	.0	.7	.1	.1														28	28	92	329
63 / 45	.0	.1	.0	.1														7	7	29	203
62 / 43		.0																1	1	14	136
61 / 41																				3	65
60 / 39																				2	31
59 / 37																					16
58 / 35																					11
57 / 33																					9
TOTAL	1.2	42.3	32.4	19.3	12.2	9.3	4.7	2.3	.5	.2	.1							2790	2799	2790	2790

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.	15778115	2055681	73.71	15.028	2790							
Dry Bulb	10062729	166971	59.7	6.046	2799			101.3	25.5	3.5		744
Wet Bulb	9374073	152469	54.6	3.875	2790			3.2				744
Dew Point	7200941	141227	50.6	4.325	2790							744

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

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

PSYCHROMETRIC SUMMARY

736	FT RICHARDSON AK	77-82	AUG
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		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 64				.3														1	1		
/ 59		1.6	.3		.7													2	3		
/ 57			1.[illegible]	.3	.3													5	5	[illegible]	3
5 / 55	.3	9.2	1.6	1.[illegible]														37	37	6	4
4/ 53		10.1	2.9	.7														48	46	43	16
2/ 51	2.0	10.1	1.6															42	42	47	49
[illegible] / 49	.3	11.8	2.6															45	45	49	46
[illegible] / 47	1.[illegible]	11.4	1.[illegible]	.3														42	42	49	41
4/ 45		5.9	1.3															21	21	29	42
4/ 43	.7	6.5	1.6	.3														29	28	24	30
/ 41	1.3	3.6	.3															16	16	30	27
4 / 39	2.0	1.3																10	10	16	28
[illegible] / 37	.7	.3																3	3	6	14
/ 35																					5
3 / 33																					1
/ 31																					1
TTL	5.2	73.9	14.1	2.9	1.[illegible]														306		306
																		306		306	

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.	2485800	27926	88.3	7.821	306							
Dry Bulb	759797	15173	49.6	4.940	306							93
Wet Bulb	707269	14643	47.9	4.637	306							93
Dew Point	662181	14155	46.3	4.925	306		.3					93

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

CL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 57-62 YEARS | AUG MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67			.2															1	1		
6/ 65			.2	.4														3	3		
4/ 63			.4	.6														5	5	1	
/ 61			.9	1.7	.2													15	13	2	1
/ 59		1.1	3.2	.6	.2	.2												28	28	3	1
/ 57	.2	3.2	5.9	2.5	.2													66	66	20	10
9 / 55	.1	1.0	6.3	2.5	.2													101	101	57	18
4/ 53	.8	8.9	7.6	1.5														99	99	100	62
/ 51	1.1	7.6	4.1	.4														69	69	97	100
/ 49	.2	7.2	4.3	.4														51	61	89	75
/ 47	1.1	6.8	.9	.2														48	48	84	93
4 / 45	.2	1.9	.2															12	12	39	61
4/ 43		1.1	.4															3	8	14	57
/ 41	.2	.8	.2															6	6	8	23
/ 3	.4	.2																3	3	3	0
/ 37																					2
/ 35																					4
3/ 33																					1
TOTL	4.4	40.2	34.3	10.6	1.3	.2													528		528
																		528		528	

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.	3 64598	44316	87.9	9.248	528							
Dry Bulb	1511926	28156	53.3	4.461	528			.2				93
Wet Bulb	1366519	26701	50.7	3.931	528							93
Dew Point	1251296	25602	48.5	4.332	528							93

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

...RAL CLIMATOLOGY BRANCH
...AFETAC
...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

...736 | FT RICHARDSON AK | 77-80 | AUG
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
≥ 72				.2														1	1		
71				.2	.2													2	2		
69				.2	.4	.2												7	7		
67			.2	1.5	.7	.4												15	15	2	
65				1.3	2.7	.4												22	23		1
63			.8	4.2	3.4	2.1	.2											56	56	6	1
61		.8	3.4	5.3	2.7	.2												65	65	13	5
59		.6	7.4	6.3	2.5	.6												91	91	29	3
57		5.5	7.2	4.7	.4													94	94	65	16
55		5.7	3.6	3.0	.4													67	68	124	43
53		2.1	4.	2.1		.2												44	44	113	99
51	.6	5.7	1.3	.4														42	42	84	102
49	.2	1.3	.8															13	13	63	79
47	.2	.6	.2															5	5	22	91
45		.4																2	2	4	54
43																				2	17
41																					1
39																					1
TAL	.9	22.6	29.0	30.0	13.3	4.0	.2												523		527
																		527		527	

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.	3064298	39764	75.5	11.727	527							
Dry Bulb	1114193	30453	58.4	4.638	528			4.4	.2			93
Wet Bulb	1544906	28470	54.1	3.590	527			.4				93
Dew Point	1349952	26590	50.5	3.990	527							93

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

2

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

PSYCHROMETRIC SUMMARY

...36 STATION | FT RICHARDSON, AK STATION NAME | 77-82 YEARS | AUG 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
/ 78						.4												2	2		
7 / 77						.2												1	1		
/ 76					.1	.4	.2											4	4		
6 / 75					.6	.2												8	8		
/ 71					.1	.9	.4	.6	.3									15	15	1	
/ 69					2.7	1.5	1.3											20	20	1	
/ 67		.2	.2	3.6	2.5	2.2	.3											60	60	4	
6 / 65		.2		2.3	3.5	2.2	.2											58	58	3	2
4 / 63		.6	1.1	3.4	2.3	2.3	.2											55	55	18	3
/ 61		.4	2.3	3.1	2.1	.3												48	48	40	3
/ 59		1.3	7.4	3.1	.1	.6												73	73	55	11
/ 57		5.0	4.7	4.2	1.1	.2												75	75	109	41
5 / 55		2.3	2.2	3.4														45	45	110	60
3 / 53		4.7	1.3	.2														33	33	70	1.1
/ 51		1.7	.2															10	10	79	89
/ 49		.8	.2															5	5	24	54
/ 47		1.1																6	6	8	72
/ 45																				4	37
4 / 43																					14
/ 41																					1
/ 37																					1
TOTAL		17.2	23.8	23.9	19.3	14.8	3.2	.8	.2									522		526	
																		528			

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.	2723524	3733.0	70.7	12.675	528							
Dry Bulb	2021933	32933	61.6	5.753	528			21.1	2.5	.2		93
Wet Bulb	1.63247	29559	56.0	4.104	528			2.1				93
Dew Point	1414547	27239	51.6	4.204	528							93

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

1
2

[illegible]-AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible]736 | FT RICHARDSON AK | 77-82 | AUG
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]/ 81						.2	.4											3	3		
[illegible]/ 79						.3												3	3		
[illegible]/ 77						.3	.3	.4										7	7		
[illegible]/ 75						.3	.4		.2									9	9		
[illegible]/ 73					1.0	1.3	2.3	.2										28	28	1	
[illegible]/ 69				.3	2.1	2.9	2.3	.3										45	45	5	
[illegible]/ 67		.2	.4	2.1	3.0	4.6	1.2	.4										61	61		
[illegible]/ 65				2.7	2.7	2.5	.3	.3										46	46	5	3
[illegible]/ 63			1.2	3.5	1.8	1.7												43	43	22	5
[illegible]/ 61		.4	3.5	3.5	2.3	1.2												57	57	35	4
[illegible]/ 59		1.9	6.9	3.7	1.2	.6												74	74	74	11
[illegible]/ 57		3.7	3.7	2.1	.8													53	53	116	38
[illegible]/ 55		1.9	3.7	2.7	.4													45	45	102	59
[illegible]/ 53		2.1	2.7		.2													26	26	66	97
[illegible]/ 51		1.7	.8															13	13	56	89
[illegible]/ 49		1.0	.4															7	7	26	88
[illegible]/ 47																				9	67
[illegible]/ 45																				1	35
[illegible]/ 43																					17
[illegible]/ 41																					7
[illegible]/ [illegible]																					1
TOTAL	12.9	23.1	23.8	15.6	16.9	7.9	2.3	.6										520		520	

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.	2533409	3558	68.4	13.565	520							
Dry Bulb	2055324	32547	62.6	6.141	520			27.9	3.0	.5		93
Wet Bulb	1560373	29310	56.4	3.999	520			1.1				93
Dew Point	1387401	26769	51.5	4.248	520							93

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

GL AL CLIMATOLOGY BRA CH
USAFETAC
AI WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | AUG MONTH

PAGE 1 | 1200-2200 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		
/ 72						•4												2	2		
4/ 73						•	•2	•2										3	3		
/ 71					•	•2	•2	•2										7	7		
/ 69					•	•4	•6											9	9	1	
6 / 67			•2	•4	1•	1•	•4											19	19		
0/ 65			•2	2•6	2•2	2•2	•6											39	39	2	
4/ 63			1•	2•2	3•2	1•6	•2											45	45	7	1
2/ 61		•2	4•6	2•	3•6	1•2												58	58	13	1
/ 59		2•4	7•1	4•	2•2	•4												61	61	40	4
/ 57		4•4	6•3	2•6	1•													72	72	74	7
5 / 55		4•2	6•2	1•2	1•2													63	63	117	43
4/ 53	•2	5•2	3•4	•2	•4													47	47	92	37
/ 51		4•6	2•4	•2														36	36	75	22
1 / 49		3•2	•4	•2														18	18	48	27
/ 47		•4	•2															6	6	29	65
1 / 45		•2																1	1	4	45
0/ 43																				2	24
/ 41																					8
/ 39																					3
/ 37																					1
TAL	•2	2•4	31•	16•	11	7•1	7•7	2•4	•4										64		54
																		504		504	

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FORM AS 66 0-26-5 (OL A)

USAFETAC

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.	2666125	37469	74•3	12•655	504							
Dry Bulb	1770227	29747	59•0	5•370	504			7•6	1•1	•2		93
Wet Bulb	1493843	27373	54•3	3•777	504			•2				93
Dew Point	1292598	25442	50•5	4•058	504							93

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-80 YEARS | AUG MONTH

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

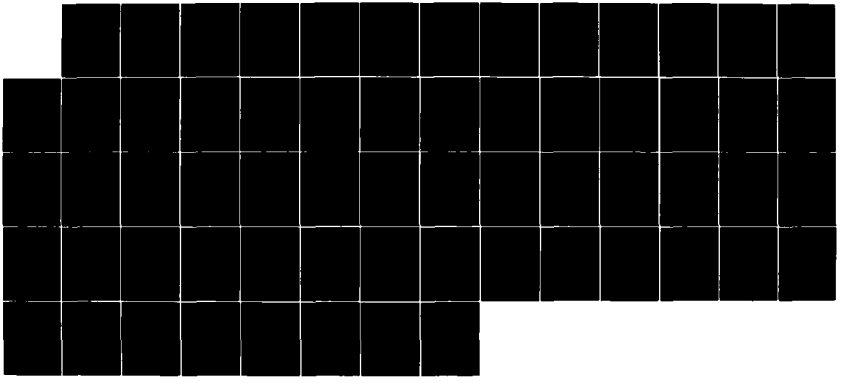
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 81						.1	.1											2	3		
/ 79						.2	.2											6	6		
7 / 77						.3												1	1		
6/ 75					.1	.2	.1	.1										13	13		
4/ 73				.2	.1	.3	.1	.2	.1									21	21		
/ 71				.2	.2	.4	.5	.3	.2									62	62	2	
/ 69				.2	1.1	.9	.8	.1										91	91	7	
6 / 67		.1	.2	1.4	1.5	1.8	.4	.1										156	156	6	
6/ 65		.2	.1	1.6	2.3	1.4	.3	.2										149	149	12	5
5/ 63		.1	.2	2.6	2.	1.4	.1											234	234	54	10
3/ 61		.3	2.7	2.8	2.1	.6												247	247	103	19
1/ 59		1.5	5.2	3.3	1.3	.4												315	315	201	38
1 / 57	.	3.8	5.1	2.9	.7	.2												315	365	391	134
5 / 55	.1	5.3	4.2	2.4	.4													356	359	516	233
4/ 53	.2	5.4	3.7	.8	.1	.2												297	297	490	461
2/ 51	.5	4.9	1.7	.2														212	212	436	519
1 / 49	.1	3.6	1.3	.1														149	149	299	460
1 / 47	.3	2.8	.3	.1														104	104	201	446
1 / 45	.3	1.1	.1															38	38	81	279
4/ 43	.1	.2	.2	.0														36	36	42	152
/ 41	.2	.6	.1															22	22	38	80
/ 39	.3	.2																13	13	26	41
/ 37	.1	.0																3	3	6	22
/ 35																					9
3 / 33																					3
1/ 31																					1
TOTAL	1.6	30.4	26.3	18.5	12.9	7.8	2.1	.6	.1									2913		2913	

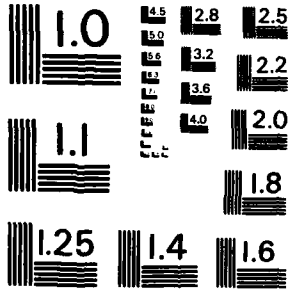
Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	17357953	221485	76.0	17.334	2913							
Dry Bulb	9933951	169002	58.0	6.742	2914			87.6	11.2	1.3		744
Wet Bulb	4360541	156136	53.6	4.814	2913			3.8				744
Dew Point	7358005	145727	50.1	4.569	2913		.3					744

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

AD-A134 207 FT RICHARDSON ALASKA LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY'(LISOC..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 15 AUG 83

UNCLASSIFIED USAFETAC/DS-83/029 SBI-AD-E850 425 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

/ 0736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
SEP — MONTH

2300-2500 — 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													1	1		
/ 57			.4		1.1	1.1												3	3		
5 / 55			.4	.4	.7													4	4		
6/ 53		1.1	2.5															10	10	4	3
7/ 51		2.5	7.1	1.8														18	18	6	5
8/ 49	.4	4.6	1.8	1.1														22	22	27	8
/ 47		6.5	2.5	.4														25	25	26	16
4/ 45	.4	11.7	.7	.4														37	37	28	31
4/ 43	1.1	11.4	1.1															38	38	51	31
2/ 41	1.4	7.1	.4	.4														26	26	32	41
1/ 39	1.4	3.9	1.1															18	18	22	47
1/ 37	2.3	3.9																19	19	22	19
/ 35		2.5	1.1															10	10	11	17
3/ 33	.4	6.5																10	10	13	11
2/ 31	.7	5.5	.4															17	17	20	24
/ 2	1.1																	3	3	13	14
/ 27		1.1																3	4		7
/ 25		.7																2	2	5	4
2/ 21	.4																	1	1	1	5
/ 19																					2
TAL	10.0	67.6	14.2	4.3	2.5	1.4												281	282	281	261

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.	2110670	24178	86.0	10.408	281							
Dry Bulb	538494	12152	43.1	7.267	282		8.6					96
Wet Bulb	489451	11589	41.2	6.416	281		12.5					96
Dew Point	441324	10982	39.1	6.623	281		17.9					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]36 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
SEP — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 63				.2														1	1		
/ 59				.4		.6												5	5	1	
/ 57			.4	.6	1.4	.2	.2											14	14		
5 / 55		.2	1.0	.2	1.2													12	12		1
4/ 53		1.2	2.2	.8	.2													22	22	8	3
2/ 51	.4	1.6	2.7	1.2	.2													30	30	20	8
/ 49	.2	5.7	3.1	2.5														56	56	33	17
/ 47	.4	9.4	1.4	.6														56	58	67	26
4/ 45	.2	9.8	2.9	.5														66	66	67	64
4/ 43	1.4	7.2	2.2	.8														57	57	75	63
2/ 41	1.4	5.3	2.0															43	43	50	59
/ 39	1.6	3.1	.8															27	27	53	67
/ 37	.4	3.3	.8															32	22	18	44
/ 35	.8	2.7	.6															20	20	27	35
3/ 33	.4	2.9	.2															17	17	18	24
2/ 31	1.0	4.3	.2															27	27	27	29
/ 29	.4	.6	.2															6	6	14	22
/ 27		.6																3	3	4	18
/ 25		.2																1	1	5	13
/ 23		.2																1	1	1	1
2/ 21		.2																1	1	1	3
/ 1																					4
1 / 17																					1
TOTAL	.8	58.5	20.9	8.3	2.9	.8	.2											489	489	489	469

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.	34775 7	40889	83.6	10.946	489							
Dry Bulb	587674	21702	44.4	7.090	489		7.2					96
Wet Bulb	386911	20597	42.1	6.297	489		9.6					93
Dew Point	785379	19329	39.5	6.614	489		14.7					90

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

SECTION 2

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | ...EP 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
...67			.2															1	1		
6/ 66			.4															2	2		
4/ 65						.2												1	1	1	
... 64				.2	.4	1.2												12	12	2	1
... 63			.4	.2	2.3	1.4												24	24		2
... 57		.2	1.2	2.5	1.6	.2												28	28		
5 / 56		1.4	2.3	3.4	2.1													47	47	9	
4/ 53		2.3	2.4	5.3	.6	.2												72	72	25	7
2/ 51	.2	3.3	5.6	1.8														58	58	65	17
1 / 49	.2	4.9	5.1	2.3														50	60	94	39
... 47		7.0	5.3	1.2														66	67	84	48
4 / 46		3.5	4.7	.6														43	43	72	65
4/ 45		2.3	3.3	.6	.2													31	31	44	62
2/ 41	.8	1.2	1.8	.6	.2													19	19	40	60
... 39	.2	.8	1.4															12	12	21	44
2 / 37		.4	.6	.2														6	6	16	26
... 35			.4															2	2	9	24
2 / 33		.6	.2															4	4	6	9
... 31																				4	17
... 29																					5
... 27																					5
... 25																					4
... 23																					1
2/ 21																					1
TAL	1.4	27.9	39.5	23.5	7.4	3.3												488	489	488	488

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2,675721	36991	75.8	11.428	488							
Dry Bulb	1257572	24636	50.4	5.801	489			.2				.2
Wet Bulb	1072296	22748	46.6	4.938	488		.7					.7
Dew Point	906719	20863	42.8	5.510	488		5.3					5.3

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 .736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 67				.6		.2												4	4		
6/ 65					.2	1.3			.4									11	11		
4/ 63				.6	1.4	1.8	.4											21	21	1	
/ 61				1.2	2.7	1.2												25	25	2	
/ 59			1.4	3.3	1.8	1.6												40	40	2	1
/ 57		.8	2.9	4.9	7.1	.2												58	58	6	2
5 / 55		.4	3.1	4.3	1.6	.4												49	49	37	3
4/ 53		1.6	5.3	5.3	1.2													66	66	51	10
/ 51		4.1	5.1	4.1	1.2													71	71	73	25
/ 4	.4	4.5	4.7	2.9	.2													62	62	105	59
4 / 47	.8	3.1	2.3	.6	.4													35	35	79	77
4 / 45		.8	2.3	.8	.4													21	21	63	81
4/ 43		1.0	.6	.4	.4													12	12	25	67
/ 41	.6		.6	.4	.2													9	9	17	60
4 / 39	.2	.4																3	3	13	50
3 / 37																				8	16
/ 35		.2																1	1	4	13
3 / 33																					7
/ 31																					1
/ 2																					3
/ 25																					4
TAL	2.0	17.0	32.8	29.5	15.8	6.6	.4		.4										488		488
																		488		488	

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.	2577678	34923	71.6	12.728	488							
Dry Bulb	1423611	26213	53.7	5.655	488			.7				90
Wet Bulb	1170139	23877	48.9	4.504	488							90
Dew Point	971485	21623	44.3	5.242	488		3.1					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

7 736 STATION — FT RICHARDSON AK STATION NAME — 77-82 YEARS — SEP 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
/ 67				.2	.3		.4											7	7		
6/ 65				.4	2.3	.6												16	16		
4/ 63			.2	.4	1.7	1.2	.6											20	20	1	
/ 61				1.2	1.2	1.0	.2											18	18		
/ 59			.8	3.1	1.7	1.2												33	33	12	1
/ 57		.6	3.7	5.4	3.3	.8												67	67	11	1
5 / 55	.2	.2	3.3	6.2	2.3	.6												62	62	33	7
4/ 53		3.3	3.1	4.6	1.7													61	61	52	12
2/ 51	.2	4.0	6.2	3.1	.4	.2												71	71	74	31
/ 49	.2	2.7	5.2	.8	.2													48	48	96	62
/ 47	.6	2.5	3.3	1.5	.6													41	41	90	65
/ 45		1.0	1.0	1.0														15	15	60	60
4/ 43		1.0		.8	.0													13	13	20	76
/ 41	.4	1.0		.6														10	10	22	77
/ 39	.2	.2																2	2	7	34
/ 37																				6	19
/ 35																				6	9
/ 33																					4
/ 31																					8
/ 29																					1
/ 27																					2
/ 25																					1
/ 23																					2
T/L	1.9	16.7	27.7	29.6	17.1	5.8	1.2												960		480
																		480		480	

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.	2500608	34139	71.1	12.367	480							
Dry Bulb	1417825	25941	54.0	5.757	480			1.3				96
Wet Bulb	1172144	23614	49.2	4.645	480							96
Dew Point	963997	21357	44.5	5.357	480		3.0					96

USAFETAC FORM AS 66 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 ,736 STATION | FT RICHARDSON AK STATION NAME | 77-8? YEARS | SEP MONTH

1800-2?00 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6/ 65				.2		.2												2	2		
4/ 63				.2		.4												3	3		
2/ 61			.2	.6	.6	.2												8	8		
1/ 59			.6	.2	.5		.2											8	9	1	
/ 57			1.3	2.6	2.2													28	28	2	
5/ 55		.9	2.4	2.2	1.9	.2												35	35	10	2
4/ 53	.2	2.8	4.8	3.9	1.1													59	59	21	5
2/ 51		6.9	6.1	2.6	.2													73	73	43	13
5/ 4?		9.1	3.5	.9														62	62	35	39
4/ 47		6.3	4.3	1.5														56	56	96	62
4/ 45		8.3	1.9	.4														48	48	61	74
4/ 43		3.3	2.2															24	24	55	67
/ 41		3.5	1.7		.2													25	25	34	69
4/ 39		1.7	.4															10	10	20	50
/ 37		1.3	1.3	.2														13	13	13	3?
/ 35																				8	24
3/ 33		.2	.6															4	4	5	8
/ 31			.9															4	4	3	5
/ 29																				1	2
/ 27																				4	1
/ 25																					5
/ 23																					1
27 21																					3
/ 19																					1
/ 17																					1
TAL	.2	43.7	32.3	15.6	6.9	1.1	.2											462	?c2	462	462

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 9 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2897793	36245	73.5	10.852	462							
Dry Bulb	1149037	22?81	49.5	5.960	462		.8					90
Wet Bulb	1000984	21376	46.3	5.070	462		1.6					90
Dew Point	863405	19803	42.9	5.623	462		3.7					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

3 4736 — STATION
FT RICHARDSON AK — STATION NAME
77-87 — YEARS
SEP — 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] / 67			.2	.1	.1	.0	.1											17	12		
6/ 65			.1	.1	.1	.3			.1									31	31		
4/ 63			.2	.3	.4	.7	.2											46	46	3	
2/ 61			.1	.7	.9	.7	.3											63	63	4	1
/ 59			.6	1.4	1.2	.9	.4											111	111	16	4
/ 57		.3	1.7	2.9	2.3	.4												204	204	21	3
5 / 55	.2	.6	2.2	3.1	1.7	.2												209	209	89	13
4/ 53	.2	2.1	4.2	3.6	.7	.2												290	290	161	39
2/ 51	.1	3.6	5.1	2.5	.4	.2												321	321	281	92
0/ 49	.2	5.3	4.1	1.7	.1													306	306	436	222
8 / 47	.3	5.7	3.2	1.0	.2													271	282	432	296
6 / 45	.1	5.4	2.4	.7	.1													270	230	351	401
4/ 43	.4	3.6	1.6	.5	.3													175	175	270	383
2/ 41	.7	2.7	1.0	.3	.1													132	132	195	386
0 / 39	.6	1.5	.6															72	72	136	292
8 / 37	.4	1.3	.5	.1														60	60	83	154
6 / 35	.1	.8	.3															33	33	65	122
3 / 33	.1	1.3	.2															43	43	42	63
2/ 31	.3	1.3	.2															46	46	54	93
/ 29	.2	.1	.0															9	9	28	45
7 / 27		.2																6	7	8	23
5 / 25		.1																3	3	10	30
3 / 23		.0																1	1	1	5
2/ 21	.1	.0																2	2	2	12
/ 19																					7
1 / 17																					2
TTL	3.6	36.3	28.1	18.9	9.2	3.3	.4		.1										2690		2688
																		2688		2688	

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.	10431777	2 7357	77.1	12.737	2688							
Dry Bulb	6774233	133525	49.6	7.378	2690		18.7	3.2				720
Wet Bulb	5799725	123801	46.1	6.034	2688		27.6					720
Dew Point	4932309	113955	42.4	6.140	2688		58.1					720

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]736 | FT RICHARDSON AK | 77-82 | 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
4/ 53			.4															1	1		
2/ 51			.7		.4													3	3		
[illegible] / 49		.4		.4	.7													4	4	1	
[illegible] / 47		1.1	1.1	.4														7	7	3	1
[illegible] / 45	.4	1.8	1.1	1.1														12	12	9	1
4/ 43	.4	3.6	1.4	.4														16	16	14	3
[illegible] / 41	1.4	3.2	1.4	.4	.4													19	19	19	12
[illegible] / 39	1.1	2.5	1.4															14	14	18	14
[illegible] / 37	1.1	6.3																20	20	19	17
/ 35	1.8	3.9	.4															17	17	24	23
3 / 33	2.8	5.[illegible]	.7															24	24	29	24
2/ 31	4.3	12.1	1.1															49	49	39	35
[illegible] / 29	4.6	4.6																26	26	42	33
[illegible] / 27	.4	4.6																14	14	21	17
/ 25	1.8	1.4	.4															10	10	14	20
[illegible] / 23	.7	2.5	.4															10	10	9	14
[illegible] / 21		.4																1	1	6	10
[illegible] / 19	.7	1.8																7	7	5	7
[illegible] / 17		.4																1	1	2	8
[illegible] / 15		2.8																8	8	4	6
1 / 13	.4																	1	1	6	2
1 / 11	1.4	.7																6	6	4	4
1 / [illegible]		.4																1	1	2	6
/ 7		.4																1	1	1	4
/ [illegible]		.4																1	1	2	1
/ 3		.4																1	1	1	1
/ 1																					2
/ -1	1.1																	3	3	3	2
- / -3																					1
- / -5	.7																	2	2	2	1
- / -7	.4																	1	1	1	
- / -9	.4																	1	1	1	3
- /-11																					1
-1 /-13																					1

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

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

EL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

[illegible]736 FT RICHARDSON AK 77-82 OCT
STATION STATION NAME YEARS 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
/-?1																					1
-1/-25																					1
1 1/L	2	6	6	0	11	0	3	2	5	1	4							281			281
																		281		281	

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.	2032762	23686	84.3	11.406	281							
Dry Bulb	320457	9009	32.1	10.632	281	2.3	47.7					93
Wet Bulb	292894	8620	30.7	10.083	281	2.3	52.3					93
Dew Point	252811	7781	27.7	11.550	281	3.6	59.9					93

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 4736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH

0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4/ 53			.2															1	1		
2/ 51			.4	.2	.2													4	4		
5 / 4[illegible]		.2		.8	.2													6	6	2	
[illegible] / 47		.8	.8	.2														9	9	2	
4[illegible] / 45		.8	1.2	.2														11	11	6	1
4/ 43	.8	2.8	1.8	.8														31	31	22	11
2/ 41	.4	2.6	2.4	.4														29	29	22	11
4 / 39	2.2	4.4	1.6															41	41	45	31
7 / 37	1.4	4.0	.4															29	29	40	32
7 / 35	2.4	4.8	.2															37	37	39	48
36/ 33	3.4	4.8	.2															42	42	44	37
2/ 31	4.6	12.9	.4															90	90	54	75
/ 29	4.6	7.3	.4															62	62	75	49
/ 27	2.2	2.8																25	25	55	46
/ 25	.8	2.8	.2															19	19	19	44
2/ 23	.6	.8	.2															8	8	17	16
2/ 21	.2	1.4																6	8	10	21
/ 19	1.0	.8																9	9	8	21
1 / 17	.2	.6																4	4	2	12
1 / 15		1.6																8	8	4	5
1 / 13		.8																4	4	7	
1 / 11	1.6	.8																10	10	12	3
1 / 9		.6																3	3	3	7
/ 7		.4																2	2	2	9
/ 5																				2	2
/ 3																					5
/ 1																					4
/ -1	.2																	1	1	1	2
- / -3	.3	.2																5	5	4	
-[illegible] / -5	.8	.2																5	5	5	
- / -7	.2																	1	1	2	1
- / -9																					2
- / -11																					6
-[illegible] / -17																					1

Element (X)	$\Sigma_n x'$	$\Sigma_n x$	$\bar{x}$	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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | OCT MONTH

PAGE 7 | 0630-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...-19																					
T'L	2	25	8	51	2	3	2	6											504		504
																		504		504	

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.	3722148	43002	85.3	10.280	504							
Dry Bulb	567190	16149	32.0	9.950	504	2.2	48.7					93
Wet Bulb	5213 4	15496	30.7	9.453	504	2.2	52.0					93
Dew Point	451096	14114	28.0	10.537	504	2.6	61.4					93

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

GL AL CLIMATOLOGY BRANCH
AFETAC
A EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 .736 — STATION
FT RICHARDSON AK — STATION NAME
77-8? — YEARS
OCT — 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
4/ 53				•2			•2											2	2		
2/ 51			•2	•8	•4	•2												7	7		
/ 4			1.8	1.?														14	14		
/ 47		1.?	?.2	•6	•2													20	20	7	
/ 45		2.8	2.8	•4														30	30	18	
47 43	•2	4.2	2.6	1.6														43	43	39	19
/ 41	•6	3.6	2.?															31	31	36	31
/ 39	•4	4.2	2.4	•6	•4													40	40	49	34
/ 37	2.2	5.4	2.?	•2														49	49	40	39
/ 35	1.?	3.6	2.6															36	36	50	49
/ 33	1.4	4.9	2.2															63	63	38	39
/ 31	3.8	8.9	•6															67	67	34	c5
/ 29	5.2	3.6																39	39	65	48
/ 27	•4	1.6	•2															11	11	21	53
/ 25	•6	1.?	•6															11	11	9	27
/ 23		•6																3	3	7	14
27 21	•4	•6	•2															6	6	6	9
/ 1	•4	1.2	•2															5	9	8	11
/ 17		•8																4	4	6	3
/ 15		•6																3	3	3	6
/ 13	•2	•6																4	4	3	4
/ 11		•6																3	3	3	5
/ 9		•2																1	1	3	5
/ 7		•6																3	3	2	4
/ 5		•2																1	1	3	
/ 3		•4																2	2	2	4
/ 1	•2																	1	1	1	4
/ -1	•2																	1	1	1	
/ -5																					4
/ -7																					1
/ -9																					1
TOTAL	17.1	54.0	22.4	5.2	1.?	•2	•2												504		504
																		504		504	

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.	3.06156	41634	82.6	11.932	504							
Dry Bulb	673603	17?85	35.5	?.798	504	•2	31.2					93
Wet Bulb	603044	16?48	33.6	8.116	504	•2	41.9					93
Dew Point	509012	15364	30.5	6.990	504	1.1	54.1					93

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

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

PSYCHROMETRIC SUMMARY

738 — STATION
FT RICHARDSON AB — STATION NAME
77-82 — YEARS
OCT — MONTH

PAGE 1 — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 55					•2	•2												2	2		
54/ 53			•2	•4		•4												5	5		
/ 51		1•		•4	1•7													13	13		
/ 49		•8	4•2	2•2														35	35	1	
/ 47	1•	4•0	1•															34	34	17	
46/ 45	•2	2•2	2•2	1•4	•2													31	31	30	5
47/ 43		4•3	2•8	1•4	•2													44	44	55	19
42/ 41	•2	4•9	3•8	•4	•4													45	49	37	43
/ 39		4•5	3•4	•4	•4													44	44	46	46
/ 37	•4	2•4	3•4	•4														40	40	43	36
/ 35	1•	4•9	1•8															39	39	47	59
32/ 33	1•8	7•5	•4															49	49	61	43
/ 31	4•3	5•3	•4															67	67	71	64
28/ 29	1•2	•2	•4															11	11	34	52
/ 27		•2	•2															4	4	6	36
/ 25	•4	1•2																7	7	6	13
/ 23		•4	•2															6	6	3	4
21/ 21	•2	1•2																10	10	14	7
/ 19	•2																	1	1	2	9
17/ 17		•2																1	1		1
15/ 15	1•8																	9	9	4	6
13/ 13		•4																2	2	6	1
11/ 11		•2																1	1	2	1
/ 9		•4																2	2	3	2
/ 7																					3
/ 5																					2
/ 3																					2
TOTAL	10•7	42•4	29•1	3•7	2•5	•4													5•6		506
																		506		506	

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.	3322[illegible]1	82553	80.1	11.940	506							
Dry Bulb	772549	19319	38.2	8.319	506		22.2					93
Wet Bulb	676337	16119	35.6	7.383	506		28.7					93
Dew Point	55:848	16344	32.3	7.326	506		45.6					93

USAFETAC FORM AM 64 0 265 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

PSYCHROMETRIC SUMMARY

...736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH
PART 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] / 55				.2	.4													3	3		
4/ 53					1.[illegible]	.2												6	6		
[illegible] / 51			.4	.4	.4													8	8		
[illegible] / 49		.8	2.[illegible]	1.6	.4													24	24	2	
[illegible] / 47		.4	3.2	1.6														26	26	12	1
4 / 45	.[illegible]	2.[illegible]	3.2	1.4														34	34	25	6
47 43	.2	2.[illegible]	1.8	1.4	.2													42	43	45	14
[illegible] / 41	.2	6.6	2.8	.6	.4													53	53	51	34
[illegible] / 39	.2	5.[illegible]	2.6															30	37	46	44
[illegible] / 37	.6	4.4	2.4	.6														40	40	47	52
[illegible] / 35	.4	5.[illegible]	1.8															36	36	44	53
3 / 33	2.[illegible]	8.0	.6															53	53	59	56
[illegible] / 31	5.6	8.8	.4															75	75	87	1.8
[illegible] / 2	1.4	.4	.2															10	10	44	44
[illegible] / 27		1.2	.4															8	5	4	2[illegible]
[illegible] / 25	.2	.6	.4															6	6	1	1[illegible]
[illegible] / 23	.2																	1	1	3	7
2/ 21	1.2	.6	.4															11	11	9	4
[illegible] / 19	.4	1.[illegible]	.2															3	[illegible]	9	17
[illegible] / 17		.2																1	1	4	[illegible]
[illegible] / 15		1.2																6	5	3	5
[illegible] / 13		.6																3	3	3	6
1 / 11	.2	.8																5	5	4	6
[illegible] / [illegible]		.4																2	2	6	[illegible]
[illegible] / [illegible]																					4
[illegible] / [illegible]																					5
[illegible] / 1																					4
TOTAL	17.[illegible]	3.2	22.[illegible]	7.8	3.2	.2													499		49[illegible]
																		498		498	

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.	330,327	40591	61.[illegible]	12.[illegible]	498							
Dry Bulb	732543	18634	37.3	8.576	499		25.3					93
Wet Bulb	[illegible]45367	17519	35.2	7.648	498		31.[illegible]					93
Dew Point	540182	15890	31.9	8.169	498		48.[illegible]					93

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

2

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

PSYCHROMETRIC SUMMARY

...734 FT RUCHARDSON AK 77-80 OCT
STATION STATION NAME YEARS 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
...0			•															1	1		
...1			•															3	3		
...																		12	12	1	
...7		•2	•1		•4													17	17	6	1
...4		1.2	1.2	1.1														16	13	6	9
...43	•4	4..	1..	•4														32	32	24	4
...41	•	7.1	1.7	•4														32	32	35	24
...	1.1	7.0	1.2	•2														48	48	49	27
...3	•3	4.2	1..															31	31	43	36
...35	•4	6.2	•2															36	36	29	47
...33	7.2	7.8	1.1															57	57	6..	35
...31	5.11	•9	1.3															98	98	72	1.1
...	2.3	2.3	•4															27	27	56	45
...27	•2	2.1																11	11	12	34
...2	1.1	1.5	•6															15	15	17	27
...2	•2	•2																2	2	9	9
...21	•	•2	•2															0	0	1	15
...1		•8																4	4	6	12
...17		•2	•4															2	2		1
...1		1.1																5	5	4	12
...13		1.5																7	7	4	1
...11	•	•8																6	9	11	4
...	•2	•6																4	4	7	2
...7																				1	7
...																					1
...2		•4																2	2	2	9
...1	•2	•2																2	2	1	4
...4	•2																	1	1	2	1
...3	•2																	1	1	1	2
...2																					2
...7																					1
...6																					1
TOTAL	1•.75	9.71	5.8	3.6	1.3													476		476	
																		476		476	

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.	342•795	400•1	84•2	10•645	476							
Dry Bulb	598128	16302	34•2	9•156	476	•4	36•9					93
Wet Bulb	541218	15532	32•6	8•597	476	•6	42•2					93
Dew Point	465238	14184	29•8	9•468	476	1•4	56•7					93

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

2

...TAL CLIMATOLOGY BRANCH
...SAFETAC
A... WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

73c — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
OCT — MONTH
ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55				.7	.1	.0												5	5		
4/ 53			.1	.1	.2	.1												16	16		
/ 51			.5	.3	.5	.0												38	38		
/ 49		.3	1.4	1.2	.3													95	95	7	
/ 47		.7	2.3	.9	.1													113	113	49	1
6 / 45	.1	1.8	2.1	.9														136	136	96	22
47 43	.3	4.6	2.1	1.0	.1													209	209	179	75
47 41	.5	4.2	2.4	.4	.2													213	213	200	155
/ 7	.8	4.8	2.1	.2	.1													223	224	255	196
/ 37	1.2	4.4	1.7	.2														209	209	236	212
/ 35	1.1	4.8	1.3															201	201	233	271
3 / 33	2.4	7.2	.9															228	228	282	224
/ 31	4.1	.2	.7															436	436	390	454
/ 2	3.2	2.9	.3															175	175	318	277
/ 27	.5	1.9	.2															73	73	126	122
/ 25	.7	1.4	.4															66	63	75	149
/ 23	.3	.6	.2															30	30	50	64
27 21	.6	.9	.1															45	45	55	67
/ 1	.4	.9	.1															38	38	38	73
/ 17	.2	.4	.1															14	14	14	36
/ 15		1.4																39	39	22	58
/ 13	.1	.7																21	21	29	14
1 / 11	.6	.6																33	33	36	23
/	.0	.4																13	13	24	11
/ 7		.2																6	6	6	31
/ 5		.1																2	2	7	6
/ 3		.2																5	5	5	17
/ 1	.1	.0																3	3	2	18
/ -1	.2																	6	6	7	5
- / -3	.2	.1																6	6	5	3
- / -5	.2	.3																7	7	7	7
- / -7	.1																	2	2	3	3
- / -9	.2																	1	1	1	7
- / -11																					7

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

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

2

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

PSYCHROMETRIC SUMMARY

733	FT RICHARDSON AK	77-82	OCT
STATION	STATION NAME	YEARS	MONTH

PAGE [illegible]

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-1	/-15																				1
-	/-17																				1
-	/-19																				1
-	/-21																				1
-	/-23																				1
[illegible]AL	1	.655	.319	.0	5.3	1.7	.2	.7											2770		2769
																		2769		2769	

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.	1[illegible]392477	229547	82.9	11.456	2769							
Dry Bulb	[illegible]6644	97299	35.1	9.442	2770	5.6	274.8					744
Wet Bulb	3280944	92234	33.3	8.683	2769	6.2	325.1					744
Dew Point	2777187	83677	30.2	9.476	2769	10.2	430.4					744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]38	FT RICHARDSON AK	77-82	NOV

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]/ 47		.5		.5														3	3		
[illegible]/ 45			.5															1	1	1	1
47/ 43		1.4	.9															5	5	1	
[illegible]/ 41			.5	.5														2	2	0	2
[illegible]/ [illegible]	.5		.5	.5														3	3	3	2
[illegible]/ 37		.5																1	1		2
[illegible]/ 35		1.4																3	3	3	2
[illegible]/ 33		2.3	1.4															8	8	7	3
[illegible]/ 31	1.8	6.8																19	19	9	11
[illegible]/ [illegible]	1.8	2.3	.5															10	10	19	9
[illegible]/ 27	1.4	3.6																11	11	15	13
[illegible]/ 25	1.4	5.9	.9															18	18	11	15
[illegible]/ 23		3.6	.5															9	9	17	7
[illegible]/ 21	3.2	2.3																12	12	14	9
[illegible]/ 19	5.0	5.0																22	22	17	30
[illegible]/ 17	1.8	5.4																16	16	14	8
[illegible]/ 15	.5	2.3																6	6	11	13
[illegible]/ 13	2.7	1.8																10	10	9	8
[illegible]/ 11	3.6	2.7																14	14	12	17
[illegible]/ [illegible]	2.3	1.4																6	8	12	11
[illegible]/ [illegible]	1.8	.9																6	5	6	15
[illegible]/ [illegible]	3.2	.5																8	8	10	7
[illegible]/ 3	2.7	1.4																9	9	9	7
[illegible]/ 1	3.6	.5																9	9	9	13
[illegible]/ -1	1.4																	3	3	3	8
[illegible]/ -3	.9																	2	2	2	4
[illegible]/ -5	.5																	1	1	1	8
[illegible]/ -7	.5																	1	1	1	1
[illegible]/ -9	.5																	1	1	1	2
[illegible]/ -11																					1
[illegible]/ -13																					1
[illegible]/ -15																					
TOTAL	40.7	52.0	5.4	1.8														221	221	221	221

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.	1036714	1829	82.8	10.008	221							
Dry Bulb	113494	4822	20.7	11.680	221	3.3	79.4					9
Wet Bulb	107794	4224	19.1	11.091	221	3.3	61.4					90
Dew Point	83973	3421	15.5	11.974	221	9.8	85.1					90

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
NOV — MONTH

PAGE 1
0600-0800 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47			.2	1.7														9	9		
/ 46			.6	.6														6	6		
4/ 43	.2	.2	.6	1.1														10	10	3	1
/ 41		.8	.6	.2														8	8	8	1
/ 3	.2	.6	.2															5	5	12	5
/ 37		.4	.2	.2														4	4	9	10
/ 35		1.3	.4															8	8	3	13
3 / 33	.2	3.8	.8															23	23	17	5
/ 31	2.1	5.1	.6															37	37	27	31
/ 29	3.3	1.7																22	22	27	25
/ 27	1.5	4.9	.4															32	32	30	21
/ 25	1.1	4.9		.4														30	30	29	31
/ 23	.6	1.7	.2	.2														13	13	23	14
2/ 21	3.4	2.8	.2															30	30	28	31
/ 19	5.7	5.3	.2															53	53	42	36
1 / 17	3.4	4.7																36	33	41	32
/ 15	1.5	1.7																15	15	27	33
2/ 13	3.1	2.3																25	25	16	24
1 / 11	1.1	.6																12	12	20	35
/	1.9	1.9																18	18	14	17
/ 7	1.7	1.3																14	14	16	15
/ 5	1.7	.2																9	9	14	13
/ 3	2.5	.6																15	15	14	17
/ 1	2.3	1.7																19	19	16	25
/ -1	1.3																	6	6	8	17
-1 / -3	1.1																	5	5	5	11
-3 / -5	.4																	2	2	2	13
-5 / -7	.2																	1	1	1	4
/ -9	.4																	2	2	2	0
-9 / -11																					4
-11 / -13																					1
-13 / -15																					2
TOTAL	41.4	43.6	5.5	4.5														471	471	471	471

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	327368	36928	62.7	10.782	471							
Dry Bulb	279519	10045	21.3	11.786	471	3.1	76.1					99
Wet Bulb	252263	9574	20.3	11.775	471	3.4	79.1					99
Dew Point	198204	7870	16.7	11.913	471	9.2	83.9					99

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
NOV — MONTH

PAGE 1
2900-1100 — 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					
/ 47				.4														2	2			
/ 47		.2	.4	.2	.2													5	5			
/ 45			1.3	.6														9	9	[illegible]		
4/ 43		.4	.2	1.5	.2													11	11	6	1	
/ 41		1.5	.2	.4														10	10	10	1	
4 / 3[illegible]	.2	.4	1.1															8	8	13	10	
/ 37		.8	.2	.2														6	6	15	6	
/ 35		1.9	.6															13	13	9	6	
3 / 33	.6	2.3	.2															19	19	16	11	
/ 31	.6	5.9	.2															33	33	24	31	
/ 2[illegible]	2.1	5.5	.2															37	37	32	24	
/ 27	1.9	7.6	.2															46	46	43	25	
/ 25	.3	5.5	.8	.4														36	36	48	32	
/ 23	1.7	3.2		.2														24	24	32	22	
2/ 21	3.2	3.2	.2															31	31	33	49	
/ 1[illegible]	4.4	5.3																46	46	38	36	
/ 17	1.3	2.1	.4															18	18	24	3[illegible]	
/ 15	2.1	2.3																21	21	20	28	
/ 13	3.[illegible]	1.6																23	23	25	36	
1 / 11	2.5	1.7																20	20	21	15	
/ [illegible]	1.1	1.[illegible]																14	14	15	15	
/ 7	.6	1.5																10	11	11	23	
/ [illegible]	1.3	.4																5	8	14	9	
/ 3	1.5	1.1																12	12	12	15	
/ 1	1.5	.4																9	9	9	22	
/ -1	.6																	3	3	3	7	
- / -3	.4																	2	2	2	7	
- / -5	.2																	1	1	1	4	
- / -7																					3	
- / -9																					5	
-1[illegible] / -15																					1	
TOTAL	31.9	57.1	6.6	4.0	.4														474		473	
																		473		473		

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.	3193321	36523	81.4	10.978	473							
Dry Bulb	314896	11[illegible]76	23.4	10.[illegible]89	474	1.1	75.0					90
Wet Bulb	281533	10499	22.2	10.136	473	1.1	77.4					90
Dew Point	215306	8682	18.4	10.887	473	5.1	83.5					90

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

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | NOV 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
... / 4				.4	.2													3	3		
... / 47			1....	.4														4	8		
... / 45			.8	.2														5	5	3	
47 / 43			.6	.2														5	5	7	
... / 41		1.5	.4	.4														11	11	12	3
... / 39	.2	.8	1.3															11	11		16
... / 37		1.7	1.1															13	13	8	4
... / 35		3.8	.4	.2														21	21	14	5
33 / 33	.4	5.5	.3															32	32	21	11
... / 31	1.3	5.5	1.3															41	41	34	43
... / 29	2.1	5.4	2.7															63	63	36	22
... / 27	2.7	5.3	.6	.4														43	43	16	38
... / 25	.4	3.4	.6	.2														22	22	41	47
23 / 23	.6	2.5																15	15	22	19
... / 21	2.3	4.2	.2															33	33	39	34
... / 19	5.3	4.6	1.1															52	52	42	54
... / 17	1.7	4....	.2	.2														29	29	28	39
15 / 15	2.5	3.2																27	27	32	37
... / 13	1.9	3.2																24	24	16	34
11 / 11	.6	.8																7	7	19	24
... / ...	.2	.6																4	4	7	19
... / 7	.2																	1	1	2	14
... / ...	.2																	1	1	1	13
... / 3		.4																2	2	2	9
... / 1		.2																1	1	1	6
... / -1																					1
... / -5																					2
... / -7																					1
... / -15																					1
TAL	27.4	59.7	14.3	2.7	.2														474		474
																		474		474	

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.	3129872	38098	80.4	11.142	474							
Dry Bulb	36.519	12527	26.4	8.898	474		69.3					90
Wet Bulb	327771	11831	25....	8.285	474		74.2					90
Dew Point	248700	9944	21.0	9.246	474	.9	82.6					90

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7 .736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (YEARS) NOV (MONTH)

PAGE 1 1900-1700 (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				.2	.2													1	2		
/ 47		.4	.6	.2														6	6		
/ 45			1.5	.2														8	8	2	
4/ 43				.3														3	3	5	1
2/ 41		1.1	.2															5	6	8	1
/ 3		1.1	.9	.2														10	10	3	8
/ 37	.2	1.5	1.5	.4														17	17	3	1
/ 35		3.2	.6															18	19	18	3
/ 33	.2	2.5		.2														15	15	20	14
/ 31	1.5	7.3	.4															43	43	27	33
/ 2	3.4	5.6	1.5															46	49	47	25
/ 27	1.7	7.3	.6															45	45	44	30
/ 25	.5	5.4	.2															29	29	45	46
/ 23	.4	2.1	.2															13	13	26	15
2/ 21	2.7	2.8	.4															28	28	29	25
/ 1	6.3	3.6	.6															46	43	39	54
/ 17	1.1	3.9	.2															24	24	34	34
/ 15	2.4	1.5																18	18	27	31
1/ 13	1.1	1.9																14	14	13	25
1/ 11	3.9	1.3																24	24	27	19
/ 9	2.1	.4	.2															13	13	16	18
/ 7	1.1	.9	.2															10	10	11	21
/ 5	.6	.2																4	4	6	13
/ 3	2.4	.4																13	13	13	13
/ 1	.4	.6																5	5	4	14
/ -1	.4																	2	2	3	6
- / -3																					4
- / -7																					3
- / -9																					1
-1 /-15																					2
TOTAL	32.3	55.2	10.1	2.1	.2													467	467		467
																		467		467	

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.	3173365	38101	81.7	10.89	467							
Dry Bulb	325218	11354	24.3	10.272	467	.4	73.6					90
Wet Bulb	291882	10780	23.1	9.611	467	.6	76.7					93
Dew Point	224453	9023	19.3	10.371	467	3.5	82.9					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

7 736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | NOV 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				
2/ 1				.9														4	4		
/ 47			.4	.7														5	5		
4 / 45			.4		.2													3	3	4	
4/ 43		.2	.7	.4														6	6	5	
/ 41		.4	.2															3	3	6	1
4 / 3			1.6	.4														9	9	3	
3 / 37		2.0	.4															11	11	8	7
/ 35		2.7	.2															13	13	14	4
3 / 33	.7	4.0	.2															22	22	15	3
3/ 31	.4	4.2	1.6	.2														29	29	26	29
/ 2	2.7	4.0																30	30	25	26
/ 27	1.6	4.2	.2															28	28	4	19
/ 25	2.9	7.8	.9															52	52	44	33
2 / 23	.2	3.1																18	18	33	17
21	2.	2.7																21	21	26	30
/ 1	6.	2.9	.2															41	41	33	51
/ 17	1.1	3.5																21	21	18	35
1 / 15	.7	2.9																16	16	19	21
1 / 13	2.2	.9																14	14	20	21
1 / 11	2.	2.0																18	18	12	18
/	2.9	.4																13	13	22	19
/ 7	2.2	.7																12	12	12	10
/ 5	1.3																	6	6	6	8
/ 3	3.5	.4																19	19	18	17
/ 1	4.	.7																21	21	21	25
/ -1	2.2																	10	10	11	14
- / -3	1.1																	5	5	5	11
- / -5	.2																	1	1	1	8
- / -7																					8
- / -9																					2
- /-11																					1
-1 /-13																					1
-1 /-15																					1

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 [illegible]736 | FT RICHARDSON AK | 77-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL 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				
TTL	40.4	9.7	7.1	2.7	.2													451	451	451	451

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.	112204	37190	82.5	10.052	451							
Dry Bulb	277493	9847	21.8	11.765	451	3.2	74.8					90
Wet Bulb	250241	9387	20.8	11.242	451	3.4	78.2					90
Dew Point	193364	7732	17.1	11.624	451	9.2	84.4					90

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736 — STATION
FT RICHARDSON AK — STATION NAME
57-80 — YEARS
NOV — 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
/ 51				.2														4	4		
/ 4				.2	.1													7	7		
/ 47		.2	.5	.7	.													36	36		
/ 45			.5	.5	.													32	32	12	1
47 43	.	.3	.5	.7	.													40	40	32	5
/ 41		1.0	.4	.2														40	40	50	9
/ 3	.2	.5	.5	.2														46	46	47	49
/ 37	.	1.2	.6	.2														52	52	43	39
/ 35		2.5	.5	.														76	76	61	29
3 / 33	.4	3.6	.5	.														115	115	110	52
/ 31	1.3	5.7	.9	.														202	202	147	175
/ 29	2.6	4.8	.9															211	211	1	131
/ 27	1.9	5.7	.4	.1														205	205	236	144
/ 25	1.2	5.4	.5	.2														167	167	218	194
/ 23	.8	2.6	.1	.1														92	92	153	64
27 21	2.	3.1	.2															155	155	169	178
/ 19	5.4	4.4	.4															262	262	211	257
/ 17	1.7	3.8	.2	.														146	146	149	178
/ 15	1.7	2.3																103	103	139	163
/ 13	2.3	2.																110	110	96	145
17 11	2.3	1.4																95	95	111	115
/ 9	1.6	1.1	.															70	70	96	99
/ 7	1.2	.	.															53	54	56	54
/ 5	1.2	.2																38	36	51	57
/ 3	2.1	.7																70	70	66	78
/ 1	1.	.7																64	64	62	105
/ -1	.																	24	24	28	46
- / -3	.5																	14	14	14	36
- / -5	.2																	5	5	5	23
- / -7	.1																	2	2	2	22
- / -9	.1																	3	3	3	16
- /-11																					7
-1 /-13																					3
-1 /-15																					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

2 738 STATION — FT RICHARDSON AK STATION NAME — 77-82 YEARS — NOV 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
TOTAL	34.	353.	8.	4	3.	1	.	?										2557	2557	2557	2557

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.	17410376	209206	81.8	10.721	2557							
Dry Bulb	16?4139	59271	23.2	11.025	2557	13.5	593.9					720
Wet Bulb	15114.1	56295	22.	10.313	2557	14.6	620.0					720
Dew Point	11649??	46672	18.3	11.250	2557	47.2	668.8					720

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

2

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

PSYCHROMETRIC SUMMARY

...736 STATION | FT RICHARDSON, AK STATION NAME | 77-82 YEARS | ... MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4[illegible]			.9															2	2		
/ 41			.4															4	4	2	
/ [illegible]		.4	1.7	.4														5	5		
/ 37			.9															2	2		1
/ 35		.4	.9															3	3	6	2
/ 33		1.6																4	4	4	1
/ 31	.4	1.3	.4															5	5	6	3
/ [illegible]	.4	.9	.9															5	5	4	4
/ 27	.4	2.2																6	6	4	5
/ 25	2.2	2.7																11	11	14	9
/ 23		3.1	.4															8	8	10	3
/ 21	2.7	2.7	.4															13	13	14	7
/ 19	3.1	5.8	.4															21	21	15	13
/ 17	.9	3.1																9	9	12	14
/ 15	.9	3.1																9	9	12	13
/ 13	2.7	3.1																13	13	9	12
1 / 11	.4	2.2																6	6	8	3
/ [illegible]	.4	3.1																8	8	6	4
/ 7	.4	2.7																7	7	11	5
/ [illegible]	1.8	.9																6	6	7	5
/ 3	1.8	.9																6	6	7	4
/ 1	4.5	3.1																17	17	15	12
/ -1	1.[illegible]																	4	4	6	7
/ -3	[illegible]	1.3																5	5	[illegible]	12
/ -5	2.7	.9																8	8	6	8
/ -7	3.1																	7	7	9	9
/ -9	2.1																	7	7	7	7
/ -11	4.3																	9	9	9	7
-1 / -13	1.[illegible]																	4	4	4	5
-1 / -15	1.8																	4	4	4	3
- / -17	.9																	2	2	2	2
- / -19	2.7																	9	6	6	10
- / -21																					
- / -23																					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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

[illegible]738 | FT RICHARDSON AK | 77-8[illegible] | DEC
STATION | STATION NAME | YEARS | MONTH

EAST [illegible] | 2300-0500
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]/-25	.4																	1	1	1	1
[illegible]/-29																					3
3 /-35																					1
[illegible]/-39																					1
[illegible]/-59																					1
TOTAL	4[illegible].4	46.0	7.1	.4															224		224
																		224		224	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1356314	17159	76.6	13.716	224							
Dry Bulb	[illegible]0632	2550	11.2	15.377	224	23.7	85.9					93
Wet Bulb	72525	2723	10.4	14.738	224	24.5	88.1					93
Dew Point	71360	1120	5.0	17.172	224	34.5	91.3					93

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

2

...AL CLIMATOLOGY RESEARCH
...ETAC
A...WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

736 STATION | FT RICHARDSON AK STATION NAME | 77-8 YEARS | DEC MONTH

PAGE 1 | 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 / 42			.5	.2														5	5		
42 / 41			.2	.2														5	5		
[illegible] / 37		.2	1.2															7	7	4	
[illegible] / 37		.6	.2															4	4	1	
[illegible] / 32		.6																2	2	2	2
32 / 32			.2															1	1	2	2
[illegible] / 31	.4	2.2	.2															14	14	6	5
[illegible] / [illegible]	.4	1.4	.2															10	10	1	[illegible]
[illegible] / 27	1.[illegible]	2.2																[illegible]	20	22	7
[illegible] / 25	1.1	2.7	.4															22	23	1[illegible]	[illegible]
[illegible] / 23	1.4	3.9																26	26	12	11
21 / 21	2.2	1.4																18	18	21	9
[illegible] / 1	4.3	4.7																44	44	32	37
[illegible] / 17	1.[illegible]	2.1																[illegible]0	20	23	[illegible]
[illegible] / 15	1.2	2.[illegible]																16	16	[illegible]1	3[illegible]
[illegible] / 13	1.8	2.5																[illegible]1	21	15	[illegible]
11 / 11	1.[illegible]	1.6																13	13	17	13
[illegible] / [illegible]	1.[illegible]	1.4																12	12	14	15
[illegible] / 7	2.[illegible]	2.0																[illegible]0	20	18	8
[illegible] / [illegible]	.4	1.[illegible]																7	7	13	9
[illegible] / [illegible]	2.2	2.[illegible]																[illegible]1	21	23	15
[illegible] / 1	2.[illegible]	2.7																27	27	23	25
[illegible] / -1	[illegible].1	.4																22	22	24	23
[illegible] / -3	[illegible].	.6																22	22	22	21
[illegible] / -5	2.5																	12	12	14	9
[illegible] / -7	4.5																	22	22	22	17
[illegible] / -9	[illegible].7																	16	18	16	17
[illegible] / -11	4.1																	[illegible]0	22	20	15
-1 / -13	1.																	5	5	5	5
-[illegible] / -15	2.[illegible]																	1[illegible]	13	15	11
-[illegible] / -17	2.2																	11	11	11	14
-[illegible] / -19	.8																	4	4	4	11
[illegible] / -21	1.[illegible]																	[illegible]	5	5	10
-[illegible] / -23	.[illegible]																	4	4	4	7

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

2

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]36	FT RICHARDSON AK	77-87	[illegible]PR
STATION	STATION NAME	YEARS	MONTH

[illegible]AST [illegible] 0600-0900
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					
/-25																						
/-27																						
/-29																						
/-33																						
/-37																						
/-41																						
/-59																						
TOL	58.[illegible]	39.5	4.1	.4															489	489	489	489

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.	2794106	37574	76.8	14.[illegible]1	489							
Dry Bulb	164538	4802	9.8	15.519	489	29.5	88.2					93
Wet Bulb	156652	4494	9.2	14.969	489	31.2	88.4					93
Dew Point	162667	1813	3.7	17.876	489	38.8	90.3					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

2

236 STATION | FT RICHARDSON, AK STATION NAME | 77-82 YEARS | LEC MONTH

PAGE 1 | 0000-1159 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47		.2																1	1		
4/ 43		.4	.2	.2														4	4	1	
1/ 41		.5	.4															5	5	4	
1/ 39		.4	.4															4	4	1	
/ 37		.4																1	1	0	
1/ 35		.6	.6	.2														2	2	1	1
2/ 33			.2															1	1	1	
1/ 31	.4	2.0	.4															14	14	8	2
/ 29	1.6	2.0	.2															19	19	19	5
/ 27	1.4	2.4																15	12	22	13
/ 25	1.	5.3	.2															32	32	19	17
2/ 23	.6	1.8																12	12	34	11
2/ 21	2.0	1.8	.2															24	24	22	15
/ 19	2.0	3.2																10	10	27	9
/ 17	1.2	3.4	.2															24	24	1	0
1/ 15	1.8	3.4	.4															26	25	12	23
/ 13	1.4	.8																11	11	20	27
1/ 11	1.4	3.6																2	25	13	15
/ 9	.4	1.0																13	13	25	19
/ 7	.6	2.6																13	13	1	13
/ 5	1.6	.6																11	11	17	8
/ 3	2.2	3.6																29	29	26	21
/ 1	3.2	2.2																27	27	30	30
/ -1	2.8																	15	15	16	12
/ -3	3.4																	17	17	17	12
/ -5	3.4																	17	17	17	3
/ -7	3.8																	19	19	19	11
/ -9	4.2																	21	21	21	21
/ -11	3.2																	15	15	15	12
1/ -13	1.2																	5	5	5	7
1/ -15	2.4																	12	12	12	17
1/ -17	1.6																	8	8	8	14
/ -19	1.2																	5	5	5	13
/ -21	.2																	1	1	1	1

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

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

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

PSYCHROMETRIC SUMMARY

...336 | FT RICHARDSON AP | 77-82 | ... | ...C
STATION | STATION NAME | YEARS | | MONTH

PAGE ... | 0000-1100 ...
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
/-27	.4																				
/-25	.2																	1	1	1	
/-27																					
/-29																					
/-31																					
/-33																					
/-35																					
/-37																					
/-39																					
/-59																					
TTL	...0	42.8	3.4	.2														4.5	495	495	

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.	...72394	3839	77.6	17.914	495							
Dry Bulb	171455	5325	1...8	15.2...	495	25.0	88.1					93
Wet Bulb	156177	4993	1...1	14.684	495	26.1	89.1					93
Dew Point	154274	2419	4.9	16.982	495	35.5	90.0					93

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

USAFETAC

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

PSYCHROMETRIC SUMMARY

...736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
DEC — 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
47 / 47		.6	.6	1.														11	11		
/ 41		.6	.6																		1
/ 39		.2																1	1	6	5
/ 37		.2																1	1	6	
/ 35		.6	.4															5	5	5	8
/ 33		.8	1.	.2														10	10	4	5
/ 31	.2	2.9	.4															17	17	11	13
/ 29	1.4	.8	.4															13	13	21	8
/ 27	1.	4.9																29	29	17	14
/ 25	.8	5.3																30	30	29	14
/ 23	1.2	2.5																16	19	35	11
/ 21	2.2	1.6	.4															24	24	21	23
/ 19	2.7	3.1																28	28	26	23
/ 17	.6	4.3	.2															25	25	17	15
/ 15	1.2	3.3	.2															23	23	27	19
/ 13	2.9	2.7																25	25	22	.2
1 / 11	1.2	3.5																23	23	23	22
/ 9	.6	2.9																17	17	26	17
/ 7	1.2	2.5																18	19	21	17
/ 5	1.2	2.1																16	17	17	23
/ 3	2.3	1.2																17	17	21	13
/ 1	3.5	4.1																37	37	34	24
/ -1	3.7	.4																30	29	31	25
/ -3	2.1	.8																14	14	15	17
/ -5	3.7	.6																21	21	19	22
/ -7	2.9																	14	14	17	16
/ -9	1.9																	9	9	9	21
/ -11	.4																	4	4	4	15
/ -13	.6																	3	3	3	7
/ -15	.4																	2	2	2	12
/ -17	1.																	5	5	5	5
/ -19																					3
/ -21																					2
/ -23																					0

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												

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

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

PSYCHROMETRIC SUMMARY

...738 | FT RICHARDSON AK | 77-82 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE ... | 1210-1410
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					
/-25																						1
/-27																						
/-29																						
/-33																						1
T'L	41.	52.7	4.3	1.2															4'6	487	4/6	486

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2,54811	7419	77.	12.334	486							
Dry Bulb	181643	6697	13.7	13.595	487	17.0	86.5					93
Wet Bulb	163647	6267	12.9	13.769	486	18.2	88.2					93
Dew Point	138406	3734	7.7	15.741	486	32.0	90.3					93

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

GL AL CLIMATOLOGY BRANCH
FETAC
AT WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
DEC — MONTH

PAGE 1 — 1: 0-17:00 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4																			1		
/ 47		•2																1	1		
/ 45		•2	•4	•2														4	4	1	
4/ 43			•6	•6														6	6	2	
/ 41			•4	•2														3	3	1	2
/ 39		•6	•6															6	6	6	1
/ 37		•2	•2															4	2	7	
/ 35				•2														1	1	5	3
3 / 33	1•1	•6																8	8	1	7
2/ 31	•4 2•5																	14	14	6	16
/ 29	1•5	•8	•2															12	12	23	1
/ 27	1•1 2•3																	16	16	21	19
/ 25	•8 5•1																	28	28	24	1
2 / 23	•6 3•1	•2																19	19	34	8
/ 21	7•3 2•1																	28	28	28	37
/ 19	1•0 3•6																	27	27	24	32
1 / 17	1•1 4•5																	26	26	20	17
1 / 15	1•9 3•2																	24	24	34	18
/ 13	1•9 2•9																	21	21	19	25
1 / 11	1•1 3•6																	23	23	17	24
/ 9	•2 2•5																	13	13	23	22
/ 7	1•1 2•1																	15	15	15	7
/ 5	•4 2•5																	14	14	19	11
/ 3	•2 1•3																	10	10	13	24
/ 1	2•3 7•3																	22	22	26	19
/ -1	4•6	•6																12	22	21	16
- / -3	4•7																	22	22	25	7
- / -5	3•6	•4																19	19	17	21
/ -7	3•6																	17	17	19	22
- / -9	4•2																	20	20	24	24
- / -11	1•7																	8	8	8	14
-1 / -13	•4																	2	2	2	4
-1 / -15	1•7																	8	8	8	13
-1 / -17	•6																	3	3	3	9

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7 736 STATION | FT RICHARDSON AK STATION NAME | 77-82 YEARS | DEC 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
-1/-19	.9																	4	4	4	14
-21/-21	.6																	3	3	3	4
-23/-23																					5
-25/-25																					4
-27/-27																					4
-29/-29																					3
-33/-33																					1
-35/-35																					4
-51/-51																					1
TAL	47.3	48.0	3.4	1.3														472		471	
																		471		471	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_s	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2744691	36168	76.6	13.216	471							
Dry Bulb	1724[illegible]	5698	12.1	14.332	472	25.2	86.7					93
Wet Bulb	153933	5291	11.2	14.179	471	25.7	88.5					93
Dew Point	145358	2764	5.9	16.576	471	34.9	90.8					93

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

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

PSYCHROMETRIC SUMMARY

7 736 FT RICHARDSON AK 77-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1 thru 2400
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			.6															1	1		
4 / 45			.2	.2														2	2	1	
4/ 43				.5														2	2		1
/ 41			.9															4	4	1	
/ 39		.5	1.1															7	7		
/ 37		.5																2	2	11	
/ 35		.9	.5	.2														7	7	5	3
3 / 33		.2	.7															4	4	3	7
/ 31	.7	1.6																10	10	6	15
7 / 29	2.3	1.6																17	17	19	3
/ 27	.5	2.7																14	14	12	15
/ 25	.7	1.8	.2															12	12	16	9
/ 23	.5	2.9																15	15	17	11
2/ 21	4.1	2.5	.5															31	31	3	14
/ 19	2.9	3.2																27	27	21	35
/ 17	1.4	2.3																16	16	19	22
1 / 15	1.4	3.6																23	23	24	16
/ 13	2.3	2.5																21	21	14	18
1 / 11	1.6	1.8																15	15	18	22
/ 9	1.4	3.4																21	21	14	13
/ 7	1.1	2.9																18	18	21	12
/ 5	.7	.7																6	6	13	7
/ 3	1.6	.7																10	10	11	20
/ 1	2.2	3.6																29	29	26	22
/ -1	.1	.5																10	27	27	9
- / -3	3.2																	14	14	16	12
- / -5	3.8	.5																19	19	17	24
- / -7	4.7																	21	21	23	14
- / -9	3.9																	17	17	17	9
- / -11	2.3																	10	10	10	27
-1 / -13	.7																	3	3	3	10
-1 / -15	1.1																	5	5	5	12
-1 / -17	1.4																	6	6	6	11
- / -19	.7																	3	3	3	14

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 AA 80 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7736	FT RICHARDSON AK	77-82	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 2 1800-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL 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						
/-21	1.																			8	8	8	9
/-23	.7																			3	3	3	5
/-25																							4
/-27																							6
/-29																							
/-33																							1
/-35																							
/-37																							
/-39																							4
/-41																							2
/-51																							
/-57																							1
/-59																							1
TOTAL	54.	240.	9	4.	3	.9														443	443	443	443

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.	266691	33725	76.1	15.135	443							
Dry Bulb	152976	4692	10.6	15.279	443	27.1	86.9					93
Wet Bulb	139699	4398	9.9	14.739	443	29.1	88.4					93
Dew Point	151405	1875	4.2	18.016	443	36.3	90.7					9

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

2

7 7736	FT RICHARDSON AK	77-80	DEC
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 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
/ 49			•															1	2		
/ 47		•																1	1		
/ 45		.1	.2	.1														9	9	2	
47 / 43		.2	.4	.5														20	20	3	1
/ 41		.2	.6	.1														24	24	14	3
/ 3		.4	.7	.7														30	30	25	11
/ 37		.3	.2															13	17	42	5
/ 35		.5	.3	.1														26	26	26	19
37 / 33		.5	.5	.7														28	28	13	33
37 / 31	.4	2.2	.2															74	74	45	64
/ 29	1.3	1.3	.3															76	76	94	33
/ 27	1.1	2.9																104	104	93	71
/ 25	1.7	3.9	.2															133	133	124	75
/ 23	.6	2.8	.1															98	98	126	54
27 / 21	3.1	2.7	.2															133	133	136	151
/ 19	3.0	3.8	.0															177	177	141	226
27 / 17	1.9	3.5	.1															130	127	113	121
/ 15	1.9	3.1	.1															123	123	134	114
27 / 13	3.4	2.3																112	112	121	125
1 / 11	1.2	2.8																101	105	93	109
/	.6	2.5																84	84	114	103
/ 7	1.2	2.3																91	91	97	80
/ 5	1.1	1.3																60	61	86	57
/ 3	1.3	1.7																93	93	105	99
/ 1	3.1	3.1																159	159	142	136
/ -1	3.4	.3																103	103	115	91
- / -3	3.2	.4																94	94	103	81
- / -5	3.3	.3																96	96	90	112
/ -7	3.6																	100	100	109	82
/ -9	3.0																	92	92	92	94
- /-11	2.8																	86	86	86	75
-1 /-13	.4																	22	22	22	33
-1 /-15	1.6																	41	41	41	73
-1 /-17	1.3																	35	35	35	61

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

2

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

PSYCHROMETRIC SUMMARY

736 — STATION
FT RICHARDSON AK — STATION NAME
77-82 — YEARS
DEC — MONTH
PAGE ?
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/-19	.3																	.2	22	22	96
/-21	.7																	17	17	17	35
2/-23	.3																	9	9	9	31
/-25	.1																	2	2	2	26
/-27																					22
/-29																					12
/-31																					5
4/-33																					11
3/-35																					9
/-37																					5
/-39																					3
/-41																					7
/-51																					4
5/-57																					1
/-59																					6
TAL	50.0	44.9	4.2	.9															2610		2608
																		2608		2608	

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.	1589167	200355	76.8	13.845	2608							
Dry Bulb	923694	29704	11.4	14.082	2610	199.3	697.5					744
Wet Bulb	637322	27766	10.6	14.415	2605	205.4	707.8					744
Dew Point	423470	13724	5.3	16.275	2608	283.3	724.0					744

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

AL CLIMATOLOGY BRANCH
ETAC
AIR WEATHER SERVICE/MAC

USE WITH ... SEE ... PAGE

PSYCHROMETRIC SUMMARY

2

STATION	STATION NAME	YEARS	MONTH
736	FT RICHARDSON AK	77-81	ALL

HOURS (L.S.T.): ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
/ [illegible]										.0								[illegible]			
/ 81						.0	.0	.0	.0	.0	.0							2	3		
/ 79						.0	.0	.0	.0	.0	.0							10	10		
7 / 77						.0	.0	.0	.0	.0								15	15		
/ 75					.0	.0	.0	.0	.0									35	36		
/ 73				.0	.0	.0	.0	.1	.0									73	75		
/ 71				.0	.1	.1	.1	.1	.0	.0								177	179	7	
/ 69				.0	.0	.2	.0	.1	.0									253	253	10	
/ 67		.0	.0	.2	.0	.4	.2	.1	.0									415	415	15	
/ 65		.3	.0	.3	.0	.4	.2	.1	.0									498	498	33	6
/ 63		.0	.1	.5	.0	.7	.0	.0	.0									720	721	134	17
/ 61		.1	.0	.3	.7	.4	.2	.0										965	965	212	[illegible]
/ 59		.4	1.0	1.0	.0	.6	.0	.0										1224	1224	458	[illegible]
/ 57	.0	.9	1.2	1.0	.0	.0	.1	.0										1408	1409	1026	239
/ 55	.0	1.2	1.2	1.1	.0	.4	.1	.0										1543	1544	1392	596
/ 53	.1	1.3	1.4	.0	.5	.4	.1	.0										1535	1535	1656	1049
/ 51	.1	1.3	1.2	.0	.0	.4	.0											1446	1440	1653	1323
/ 49	.0	1.3	1.2	.0	.7	.2	.0											1763	1764	1759	1419
/ 47	.1	1.3	1.0	.0	.0	.0	.0											1219	1220	1551	1537
/ 45	.0	1.0	.0	1.1	.3	.0												1024	1025	1305	1533
/ 43	.1	1.1	1.1	1.0	.0	.0												1076	1083	1308	1306
/ 41	.1	1.1	1.0	.0	.2	.0												1101	1125	1253	1355
/ 39	.0	1.0	1.4	.5	.0	.0												955	959	1334	1393
/ 37	.0	1.2	1.2	.4	.0	.0												975	975	1150	1090
/ 35	.0	1.5	1.0	.3	.0													942	949	1255	1227
/ 33	.4	2.1	.9	.1	.1													1111	1112	1100	1223
/ 31	.0	3.3	1.1	.2														1748	1753	1452	2267
/ [illegible]	.0	1.5	.3	.1														1008	1020	1442	1440
/ 27	.4	2.0	.4	.0														808	912	1065	1272
/ 25	.3	1.6	.5	.0														870	846	1112	1100
/ 23	.3	1.1	.2	.1														519	535	679	572
/ 21	.0	1.7	.3															702	713	755	1002
/ 19	1.0	1.7	.2															978	944	837	1353
/ 17	.3	1.2	.1	.1														523	524	551	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

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

USE WITH CAUTION
SEE FIRST PAGE

PSYCHROMETRIC SUMMARY

236 STATION — FT RICHARDSON AK STATION NAME — 77-82 YEARS — ALL MONTH

PAGE — 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
/ 1	.3	1.2	.1															578	613	576	727
/ 13	.5	.9	.1															447	448	431	636
/ 11	.6	.9	.1															402	402	431	548
/ 9	.5	.8	.0															360	360	446	522
/ 7	.3	.7	.1															293	294	361	395
/ 5	.3	.3																194	195	302	239
/ 3	.6	.5																318	319	326	379
/ 1	.7	.5																410	415	374	545
/ -1	.7	.1																255	255	294	315
/ -3	.6	.1																208	208	222	274
/ -5	.8	.1																170	170	158	332
/ -7	.6																	176	176	194	226
/ -9	.7																	150	150	150	239
/ -11	.3																	106	108	106	182
/ -13	.1																	39	39	39	69
/ -15	.2																	74	74	74	155
/ -17	.2																	61	61	61	121
/ -19	.1																	44	45	44	174
/ -21	.1																	20	20	20	78
/ -23	.																	9	9	9	34
/ -25	.																	2	2	2	47
/ -27																					24
/ -29																					11
/ -31																					5
/ -33																					18
/ -35																					16
/ -37																					11
/ -39																					8
/ -41																					7
/ -45																					1
/ -51																					5
/ -57																					1
/ -59																					0

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

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

PSYCHROMETRIC SUMMARY

7736 | FT RICHARDSON AK | 77-80 | ALL | ALL
STATION | STATION NAME | YEARS | MONTH | HOURS (L.S.T.)

PAGE 2

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-L	13.	736.	62	713.	3	5.	1	0	1.	.0	.2	.0	.0						31674		31555
																		31555		31555	

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.	176214218	2311262	73.2	14.314	31555							
Dry Bulb	5 131 12	1216253	38.4	18.099	31674	398.1	3393.4	249.4	39.0	4.5		8760
Wet Bulb	47093163	1106759	35.1	17.52	31555	420.6	3740.7	7.0				8760
Dew Point	33578177	947239	30.0	17.929	31555	727.2	4710.0					8760

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

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702736 FT RICHARDSON AK 77-82

STATION NUMBER STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3-05	MEAN	13.6	15.0	22.4	29.0	40.1	48.9	52.8	49.6	43.1	32.1	20.0	11.2	34.1
	S.D.	13.978	16.746	10.532	7.286	5.052	3.844	3.282	4.940	7.267	10.632	11.680	15.377	17.051
	TOTAL OBS	152	160	228	233	276	295	289	306	282	281	221	224	2947
6-08	MEAN	14.8	15.4	23.4	32.6	45.2	52.5	56.2	53.3	44.4	32.0	21.3	9.8	34.3
	S.D.	14.816	16.497	10.494	7.322	4.844	4.113	3.837	4.461	7.090	9.950	11.786	15.519	18.646
	TOTAL OBS	382	409	520	490	498	515	513	528	489	504	471	489	5808
9-11	MEAN	16.5	20.3	29.6	39.1	50.5	56.5	59.7	58.4	50.4	35.5	23.4	10.8	38.3
	S.D.	13.655	14.027	8.297	6.860	5.104	5.046	4.747	4.638	5.801	8.798	10.889	15.202	19.003
	TOTAL OBS	421	425	526	496	498	516	510	528	489	504	474	495	5882
12-14	MEAN	19.4	25.3	33.8	42.9	53.5	59.3	62.5	61.6	53.7	38.2	26.4	13.7	41.6
	S.D.	11.914	11.139	7.138	6.741	5.559	5.824	5.742	5.753	5.655	8.319	8.898	13.595	18.408
	TOTAL OBS	419	426	524	495	498	516	511	528	488	506	474	487	5872
15-17	MEAN	17.7	25.5	34.2	43.3	53.5	59.8	63.2	62.6	54.0	37.3	24.3	12.1	41.4
	S.D.	13.035	11.361	6.621	6.290	5.908	5.913	6.154	6.141	5.757	8.576	10.272	14.832	19.315
	TOTAL OBS	412	413	514	488	486	508	500	520	480	499	467	472	5759
18-20	MEAN	14.2	21.0	30.1	39.1	50.3	57.3	60.7	59.0	49.5	34.2	21.8	10.6	38.6
	S.D.	14.324	13.555	7.366	6.073	5.389	5.074	5.428	5.370	5.860	9.156	11.785	15.279	19.355
	TOTAL OBS	352	352	481	455	462	492	476	504	462	476	451	443	5406
	MEAN													
	S.D.													
	TOTAL OBS													
	MEAN													
	S.D.													
	TOTAL OBS													
ALL HOURS	MEAN	16.4	21.1	29.6	38.5	49.5	56.2	59.7	58.0	49.6	35.1	23.2	11.4	38.4
	S.D.	13.698	14.265	9.386	8.219	6.834	6.202	6.046	6.742	7.378	9.442	11.025	14.982	18.995
	TOTAL OBS	2138	2185	2793	2657	2718	2842	2799	2914	2690	2770	2558	2610	31674

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 .736 FT RICHARDSON AK 77-82

YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3-05	MEAN	12.9	14.0	20.8	26.9	37.0	45.6	50.3	47.9	41.2	30.7	19.1	10.4	32.2
	S D	13.424	16.076	10.023	6.993	4.765	3.345	3.266	4.637	6.416	10.083	11.091	14.738	16.279
	TOTAL OBS	152	160	228	233	276	295	289	306	281	281	221	224	2946
6-08	MEAN	13.5	14.5	21.7	29.8	40.7	47.8	52.6	50.7	42.1	30.7	20.3	9.2	32.0
	S D	14.173	15.712	9.883	6.678	4.023	2.987	2.903	3.931	6.297	9.453	11.075	14.969	17.391
	TOTAL OBS	372	408	518	488	498	515	510	528	489	504	471	489	5790
9-11	MEAN	15.0	18.7	27.0	34.7	44.0	50.5	54.8	54.0	46.6	33.6	22.2	10.1	35.0
	S D	13.206	13.341	7.545	5.763	3.773	3.152	3.084	3.590	4.938	8.116	10.136	14.684	17.181
	TOTAL OBS	400	424	521	495	498	516	510	527	488	504	473	495	5851
12-14	MEAN	17.8	23.2	30.4	37.4	45.6	52.0	56.5	56.0	48.9	35.8	25.0	12.9	37.5
	S D	11.481	13.596	6.270	5.325	3.860	3.552	3.285	4.004	4.504	7.383	8.285	13.069	16.135
	TOTAL OBS	400	426	522	494	498	516	509	528	488	506	474	486	5847
15-17	MEAN	16.1	23.3	30.7	37.7	45.4	52.1	56.8	56.4	49.2	35.2	23.1	11.2	37.2
	S D	12.587	10.814	5.933	4.976	4.137	3.731	3.657	3.999	4.645	7.648	9.611	14.179	16.873
	TOTAL OBS	391	413	514	486	486	508	498	520	480	498	467	471	5732
18-20	MEAN	12.6	19.3	27.5	34.7	43.5	50.4	55.1	54.3	46.3	32.6	20.8	9.9	35.1
	S D	13.813	12.899	6.779	5.025	4.165	3.509	3.531	3.777	5.070	8.597	11.042	14.739	17.357
	TOTAL OBS	339	352	481	453	462	492	474	504	462	476	451	443	5389
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	15.0	19.4	26.9	34.2	43.1	50.0	54.6	53.6	46.1	33.3	22.0	10.6	35.1
	S D	13.186	13.510	8.483	6.731	4.863	3.989	3.875	4.804	6.034	8.683	10.318	14.415	17.052
	TOTAL OBS	2054	2183	2784	2649	2718	2842	2790	2913	2688	2769	2557	2608	31555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 77-82

(WBAN) (STATION NAME) (YEARS)

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
05-05	MEAN	8.1	8.2	15.6	22.0	32.4	42.1	48.2	46.3	39.1	27.7	15.5	5.0	28.5
	S D	14.819	18.951	11.401	8.748	6.360	4.253	4.308	4.925	6.623	11.550	11.874	17.172	17.972
	TOTAL OBS	152	160	228	233	276	295	289	306	281	281	221	224	2946
06-08	MEAN	6.7	8.6	16.4	24.1	35.1	43.2	49.5	48.5	39.5	28.0	16.7	3.7	27.8
	S D	15.522	18.596	11.179	8.110	5.139	3.806	3.997	4.332	6.614	10.537	11.913	17.876	18.811
	TOTAL OBS	372	408	518	488	498	515	510	528	489	504	471	489	5790
09-11	MEAN	10.4	12.5	21.0	27.9	36.5	44.8	50.8	50.5	42.8	30.5	18.4	4.9	30.0
	S D	14.692	16.043	8.808	6.764	4.935	3.695	3.758	3.990	5.510	8.990	10.687	16.982	18.046
	TOTAL OBS	400	424	521	495	498	516	510	527	488	504	473	495	5851
12-14	MEAN	12.8	16.9	24.1	29.4	36.8	45.3	51.8	51.6	44.3	32.3	21.0	7.7	31.9
	S D	13.471	13.085	7.299	6.226	5.040	4.400	3.986	4.204	5.242	7.826	9.206	15.041	16.698
	TOTAL OBS	400	426	522	494	498	516	509	528	488	506	474	486	5847
15-17	MEAN	11.0	16.9	24.2	29.6	36.1	45.1	51.8	51.5	44.5	31.9	19.3	5.9	31.4
	S D	14.877	13.278	7.465	6.138	5.234	4.480	4.438	4.248	5.357	8.169	10.371	16.576	17.387
	TOTAL OBS	391	413	514	486	486	508	498	520	480	498	467	471	5732
18-20	MEAN	7.4	12.9	21.5	27.6	35.2	43.9	50.5	50.5	42.9	29.8	17.1	4.2	29.8
	S D	16.255	15.690	8.193	6.217	5.429	4.756	4.575	4.058	5.623	9.468	11.624	18.016	18.318
	TOTAL OBS	339	352	481	453	462	492	474	504	462	476	451	443	5389
	MEAN													
	S D													
	TOTAL OBS													
	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	10.0	13.2	21.0	27.2	35.6	44.2	50.6	50.1	42.4	30.2	18.3	5.3	30.0
	S D	15.029	16.065	9.498	7.369	5.431	4.360	4.325	4.569	6.140	9.476	11.050	16.975	17.929
	TOTAL OBS	2054	2183	2784	2649	2718	2842	2790	2913	2688	2769	2557	2608	31555

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

736	FT RICHARDSON AK	78-82	JAN
STATION	STATION NAME	PERIOD	MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02											
	03-05	100.0	100.0	99.3	99.3	96.7	93.4	82.2	48.0	13.4	76.6	152
	06-08	100.0	100.0	100.0	98.4	96.8	93.8	79.8	47.6	11.0	76.2	372
	09-11	100.0	100.0	100.0	98.5	96.3	93.8	82.3	51.8	14.8	79.[illegible]	400
	12-14	100.0	100.0	99.8	98.3	97.0	90.8	75.0	43.8	15.8	77.2	400
	15-17	100.0	100.0	99.5	97.4	95.7	90.5	75.4	43.0	16.4	77.2	391
	18-20	100.0	99.7	98.8	96.8	95.3	91.4	71.4	41.0	13.3	76.3	339
	21-23											
TOTALS		100.0	100.0	99.6	98.1	96.4	92.3	77.7	45.9	14.2	77.8	3054

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
A WEATHER SERVIC /MAC

RELATIVE HUMIDITY

7 736 FT RICHARDSON AK 77-82 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02											
	03-05	100.0	100.0	100.0	98.1	94.4	82.5	66.9	36.3	11.9	74.5	165
	06-08	100.0	100.0	99.8	97.8	93.4	81.6	64.0	38.0	16.2	74.4	408
	09-11	100.0	100.0	99.5	97.9	91.3	80.9	56.6	32.9	11.8	72.5	424
	12-14	100.0	100.0	100.0	98.6	89.2	76.1	52.8	27.2	11.3	71.2	426
	15-17	100.0	100.0	100.0	97.3	91.3	78.2	49.4	26.4	9.9	70.7	413
	18-20	100.0	100.0	99.1	97.2	90.1	75.9	55.1	29.8	10.5	71.6	352
	21-23											
TOTALS		100.0	100.0	99.7	97.8	91.6	79.2	57.5	31.8	11.9	72.5	2183

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702736 (STATION) FT RICHARDSON AK (STATION NAME) 77-82 (PERIOD) MAR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02											
	03-05	100.0	100.0	100.0	100.0	97.8	90.4	67.5	34.2	7.0	75.3	228
	06-08	100.0	100.0	100.0	99.8	97.7	89.8	65.6	33.4	7.1	74.8	518
	09-11	100.0	100.0	100.0	99.4	96.2	81.0	46.6	22.6	5.2	70.7	571
	12-14	100.0	100.0	100.0	99.0	94.6	76.2	34.9	14.0	4.2	68.2	522
	15-17	100.0	100.0	100.0	99.0	91.6	72.0	36.2	15.2	3.7	67.3	514
	18-20	100.0	100.0	100.0	99.8	95.4	82.3	48.0	23.3	4.6	71.0	481
	21-23											
TOTALS		100.0	100.0	100.0	99.5	95.6	82.0	49.8	23.8	5.3	71.2	2784

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702736 FT RICHARDSON AK 77-82 APR
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%		
APR	00-02											
	03-05	100.0	100.0	100.0	100.0	97.9	91.4	65.2	36.5	10.3	75.4	233
	06-08	100.0	100.0	100.0	99.6	94.3	85.2	51.4	24.2	4.7	71.6	488
	09-11	100.0	100.0	99.8	98.6	89.1	63.4	28.5	12.1	3.0	65.1	495
	12-14	100.0	100.0	99.8	97.2	77.5	45.5	17.4	9.3	1.4	60.2	494
	15-17	100.0	100.0	99.8	95.1	72.2	44.2	15.4	8.2	2.1	59.6	486
	18-20	100.0	100.0	100.0	98.2	85.9	59.6	25.8	11.3	1.5	64.1	453
	21-23											
TOTALS		100.0	100.0	99.9	98.1	86.1	64.9	34.0	16.9	3.8	66.0	2649

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

727736 FT RICHARDSON AK 77-82 MAY
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02											
	03-05	100.0	100.0	100.0	99.3	94.9	85.5	63.4	35.9	9.4	74.6	276
	06-08	100.0	100.0	100.0	99.0	91.8	71.5	41.0	15.9	4.8	68.5	498
	09-11	100.0	100.0	99.4	96.4	74.5	44.4	20.5	6.4	1.8	59.9	498
	12-14	100.0	100.0	99.2	90.6	56.2	26.3	11.4	4.6	2.6	54.6	498
	15-17	100.0	100.0	99.8	88.7	48.4	23.3	8.8	4.5	1.6	53.1	486
	18-20	100.0	100.0	99.8	96.1	67.7	32.5	14.5	4.8	1.9	57.4	462
	21-23											
TOTALS		100.0	100.0	99.7	95.0	72.3	47.3	26.6	12.0	3.7	61.4	2718

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

7 0736 FT RICHARDSON AK 77-82 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JUN	00-02											
	03-05	100.0	100.0	100.0	100.0	99.0	93.2	74.6	43.7	15.3	78.2	295
	06-08	100.0	100.0	100.0	99.6	95.3	83.7	53.6	19.8	5.8	71.6	515
	09-11	100.0	100.0	100.0	98.6	85.9	64.0	36.6	15.5	4.7	66.1	516
	12-14	100.0	100.0	99.8	94.4	73.4	47.5	28.1	13.4	2.1	61.4	516
	15-17	100.0	100.0	100.0	93.7	71.9	43.3	24.0	8.1	1.0	59.8	516
	18-20	100.0	100.0	99.8	96.5	79.3	50.6	27.8	9.6	2.4	62.4	492
	21-23											
TOTALS		100.0	100.0	99.9	97.1	84.1	63.7	40.8	18.4	5.2	66.6	2842

2

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

RELATIVE HUMIDITY

[illegible]2736 STATION | FT RICHARDSON AK STATION NAME | 77-82 PERIOD | JUL 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%		
JUL	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	97.6	88.9	67.5	36.3	84.7	289
	06-08	100.0	100.0	100.0	99.8	97.5	89.6	76.1	50.0	24.3	79.1	510
	09-11	100.0	100.0	100.0	99.6	95.7	79.0	59.2	31.6	12.4	73.6	510
	12-14	100.0	100.0	99.6	98.2	87.7	71.1	47.3	29.5	7.1	69.8	509
	15-17	100.0	100.0	100.0	97.6	82.9	66.1	44.8	27.9	6.6	68.4	498
	18-20	100.0	100.0	100.0	99.2	88.0	71.9	51.7	31.4	8.2	70.8	474
	21-23											
TOTALS		100.0	100.0	99.9	99.1	91.9	79.2	61.3	39.7	15.8	74.4	2790

USAFETAC FORM JUL 64 0-87-5 (OL A)

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2736 FT RICHARDSON AK 77-82 AUG
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%		
AUG	00-02											
	03-05	100.0	100.0	100.0	100.0	100.0	99.7	96.4	84.0	48.4	98.3	306
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	90.7	63.6	28.0	83.9	528
	09-11	100.0	100.0	100.0	100.0	99.1	89.9	65.8	31.1	8.7	75.5	527
	12-14	100.0	100.0	100.0	99.6	95.3	73.9	47.5	24.4	6.3	70.7	528
	15-17	100.0	100.0	100.0	98.5	89.4	66.0	44.8	20.0	6.3	68.4	520
	18-20	100.0	100.0	100.0	99.8	97.2	80.0	63.3	37.1	7.5	74.3	504
	21-23											
TOTALS		100.0	100.0	100.0	99.7	96.8	84.7	68.1	43.4	17.5	76.9	2913

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

727736 FT RICHARDSON AK 77-82 SEP
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%		
SEP	00-02											
	03-05	100.0	100.0	100.0	100.0	98.9	97.5	90.0	79.0	44.5	86.0	281
	06-08	100.0	100.0	100.0	100.0	99.4	96.7	85.9	66.7	34.8	83.6	489
	09-11	100.0	100.0	100.0	100.0	98.6	90.0	68.0	32.8	11.5	75.8	488
	12-14	100.0	100.0	99.6	99.6	96.7	78.9	51.8	24.2	8.8	71.6	488
	15-17	100.0	100.0	100.0	100.0	95.6	79.6	51.9	21.0	6.5	71.1	480
	18-20	100.0	100.0	100.0	100.0	99.1	92.4	76.6	47.6	12.8	78.5	462
	21-23											
TOTALS		100.0	100.0	99.9	99.9	98.1	89.2	70.7	45.2	19.8	77.8	2688

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

RELATIVE HUMIDITY

[illegible]736 FT RICHARDSON AK 77-82 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02											
	03-05	100.0	100.0	100.0	100.0	98.9	96.1	87.2	69.8	37.0	84.3	281
	06-08	100.0	100.0	100.0	100.0	100.0	97.6	89.3	72.4	38.5	85.3	504
	09-11	100.0	100.0	100.0	99.6	98.8	95.2	84.9	61.5	31.3	82.6	504
	12-14	100.0	100.0	100.0	100.0	98.4	93.5	77.3	53.6	23.5	80.1	576
	15-17	100.0	100.0	100.0	100.0	98.8	92.6	80.9	58.6	27.5	81.5	498
	18-20	100.0	100.0	100.0	100.0	100.0	96.4	87.2	69.7	31.1	84.2	476
	21-23											
TOTALS		100.0	100.0	100.0	99.9	99.2	95.2	84.5	64.3	31.5	83.0	2769

USAFETAC FORM JUL 64 0-87-5 (OL A)

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

73736 FT RICHARDSON AK 77-82 NOV
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%		
NOV	00-02											
	03-05	100.0	100.0	100.0	100.0	99.1	96.4	90.0	63.3	25.3	82.8	221
	06-08	100.0	100.0	100.0	99.6	99.4	96.4	86.8	62.4	27.2	82.7	471
	09-11	100.0	100.0	100.0	99.4	99.4	95.6	86.0	58.1	21.4	81.4	473
	12-14	100.0	100.0	99.8	99.2	98.7	95.4	81.4	56.1	20.0	80.4	474
	15-17	100.0	100.0	100.0	99.6	98.7	96.1	84.6	61.5	22.5	81.7	467
	18-20	100.0	100.0	100.0	100.0	99.3	97.8	87.4	62.7	26.4	82.5	451
	21-23											
TOTALS		100.0	100.0	100.0	99.6	99.1	96.3	86.0	60.7	23.8	81.9	2557

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702736 STATION | FT RICHARDSON AK STATION NAME | 77-82 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
DEC	00-02											
	03-05	99.6	99.6	99.6	99.1	95.1	87.5	71.4	42.0	14.7	76.6	224
	06-08	99.6	99.4	98.6	97.3	94.1	87.9	71.8	45.6	17.2	76.8	484
	09-11	100.0	99.8	99.4	98.4	94.7	89.3	74.9	44.4	19.8	77.6	495
	12-14	100.0	100.0	100.0	99.2	95.9	89.1	75.1	41.6	13.8	77.3	486
	15-17	100.0	99.8	99.8	98.3	94.9	87.9	73.5	42.9	15.1	76.6	471
	18-20	99.8	98.9	98.4	96.4	93.2	86.9	72.7	43.1	18.1	76.1	443
	21-23											
TOTALS		99.8	99.6	99.3	98.1	94.7	88.1	73.2	43.3	16.5	76.8	2608

USAFETAC FORM JUL 64 0-87-5 (OL A)

OL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATH[illegible]R SERVICE/[illegible]AC

RELATIVE HUMIDITY

7[illegible]736 FT RICHARDSON AK — 77-82 — 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	100.0	99.6	98.1	96.4	92.3	77.7	45.9	14.2	77.8	2654
FEB		100.0	100.0	99.7	97.8	91.6	79.2	57.5	31.8	11.9	72.5	2183
MAR		100.0	100.0	100.0	99.5	95.6	82.0	49.8	23.8	5.3	71.2	2794
APR		100.0	100.0	99.9	98.1	86.1	64.9	34.0	16.9	3.8	66.0	2689
MAY		100.0	100.0	99.7	95.0	72.3	47.3	26.6	12.0	3.7	61.4	2718
JUN		100.0	100.0	99.9	97.1	84.1	63.7	40.8	18.4	5.2	66.6	2842
JUL		100.0	100.0	99.9	99.1	91.9	79.2	61.3	39.7	15.8	74.4	2790
AUG		100.0	100.0	100.0	99.7	96.8	84.7	68.1	43.4	17.5	76.9	2913
SEP		100.0	100.0	99.9	99.9	98.1	89.2	70.7	45.2	19.8	77.8	2688
OCT		100.0	100.0	100.0	99.9	99.2	95.2	84.5	64.3	31.5	83.0	2769
NOV		100.0	100.0	100.0	99.6	99.1	96.3	86.0	60.7	23.8	81.9	2557
DEC		99.8	99.6	99.3	98.1	94.7	88.1	73.2	43.3	16.5	76.8	2608
TOTALS		100.0	100.0	99.8	98.5	92.2	80.2	60.9	37.1	14.1	73.9	31555

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

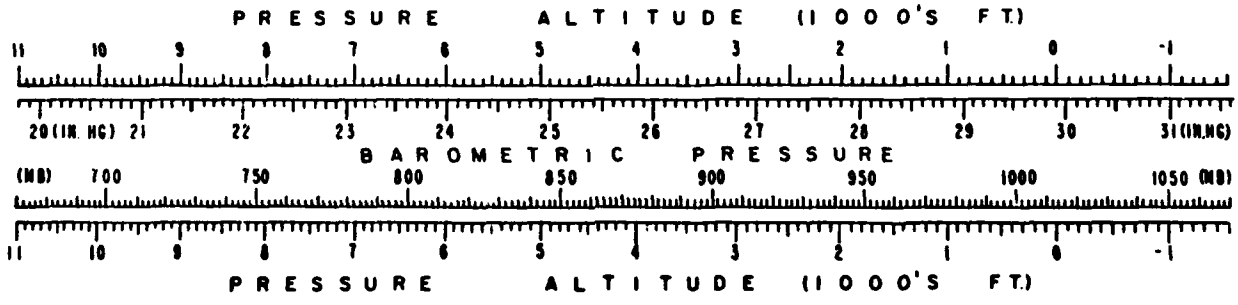
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 77-82
STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
04	MEAN	29.354	29.264	29.298	29.403	29.426	29.561	29.544	29.549	29.328	29.113	29.323	29.243	29.390
	S D	.421	.354	.344	.316	.252	.169	.162	.197	.270	.329	.437	.463	.327
	TOTAL OBS	39	43	68	97	123	133	130	138	127	123	71	71	1163
07	MEAN	29.319	29.287	29.294	29.366	29.455	29.537	29.554	29.520	29.326	29.139	29.234	29.280	29.363
	S D	.465	.421	.292	.309	.245	.185	.168	.216	.260	.342	.428	.493	.352
	TOTAL OBS	128	138	175	166	166	172	171	176	163	168	157	164	1944
10	MEAN	29.330	29.305	29.304	29.366	29.451	29.532	29.553	29.521	29.330	29.149	29.244	29.298	29.368
	S D	.463	.417	.292	.310	.239	.185	.170	.213	.261	.339	.430	.491	.351
	TOTAL OBS	141	142	176	165	166	172	170	176	163	168	158	165	1962
13	MEAN	29.322	29.303	29.301	29.356	29.443	29.524	29.546	29.511	29.325	29.147	29.244	29.289	29.362
	S D	.462	.418	.291	.308	.235	.183	.172	.215	.261	.338	.432	.491	.349
	TOTAL OBS	159	142	176	165	166	172	171	176	161	169	158	162	1957
16	MEAN	29.320	29.290	29.284	29.338	29.430	29.510	29.532	29.493	29.307	29.136	29.234	29.279	29.349
	S D	.449	.411	.289	.311	.231	.182	.171	.215	.263	.338	.436	.481	.346
	TOTAL OBS	141	143	174	166	166	172	170	176	163	169	158	159	1957
19	MEAN	29.319	29.302	29.285	29.340	29.428	29.508	29.530	29.494	29.302	29.148	29.233	29.278	29.351
	S D	.474	.411	.277	.313	.231	.183	.169	.214	.265	.339	.423	.480	.343
	TOTAL OBS	116	116	160	152	154	164	158	168	154	160	150	147	1799
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	29.324	29.295	29.294	29.359	29.440	29.527	29.543	29.514	29.319	29.140	29.245	29.282	29.362
	S D	.458	.411	.292	.311	.238	.182	.169	.212	.263	.337	.430	.484	.346
	TOTAL OBS	724	724	929	911	941	985	970	1010	931	957	852	868	10782

USAFETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

7 2736 FT RICHARDSON AK 78-82

STATION STATION NAME YEARS

HRS L S T		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN													
	S D													
	TOTAL OBS													
4	MEAN				1005.7	1012.5	1015.2	1013.6	1015.3	1009.5	1004.2	1005.9	999.3	1010.1
	S D				12.730	8.811	6.175	6.077	6.217	9.409	11.296	11.845	12.466	10.372
	TOTAL OBS				34	61	60	61	63	59	57	30	30	455
7	MEAN	1004.5	1012.6	1006.1	1006.1	1012.9	1013.6	1014.4	1013.2	1008.2	1004.7	1001.6	1005.8	1008.8
	S D	12.699	15.561	8.151	10.940	8.399	7.133	6.377	7.581	9.184	11.272	12.202	16.382	11.428
	TOTAL OBS	52	50	62	89	89	90	89	93	86	91	82	85	958
10	MEAN	1005.0	1013.1	1006.3	1006.1	1012.8	1013.4	1014.5	1013.1	1008.3	1005.0	1002.0	1006.2	1008.9
	S D	12.418	15.328	8.303	11.054	8.292	7.165	6.448	7.608	9.169	11.275	12.193	16.182	11.343
	TOTAL OBS	52	50	62	89	89	90	89	93	86	91	82	86	959
13	MEAN	1004.8	1013.0	1006.5	1005.8	1012.5	1013.2	1014.3	1012.8	1008.0	1004.7	1001.9	1005.9	1008.7
	S D	12.290	15.187	8.251	11.064	8.117	7.098	6.569	7.623	9.243	11.100	12.374	16.377	11.319
	TOTAL OBS	52	50	62	89	89	91	89	93	86	92	82	83	958
16	MEAN	1004.3	1012.6	1006.2	1005.3	1012.0	1012.7	1013.9	1012.2	1007.3	1004.2	1001.4	1005.0	1008.2
	S D	12.123	15.145	8.149	11.110	8.050	6.992	6.578	7.607	9.367	11.145	12.737	16.011	11.292
	TOTAL OBS	52	50	63	89	89	90	89	93	86	92	82	81	956
19	MEAN	1004.6	1011.8	1006.3	1005.5	1012.1	1012.7	1013.8	1012.1	1007.4	1004.5	1001.7	1005.1	1008.3
	S D	12.763	15.585	7.937	11.171	7.994	6.982	6.366	7.451	9.420	11.204	12.678	16.323	11.231
	TOTAL OBS	44	45	63	89	89	90	90	94	86	90	81	78	939
22	MEAN													
	S D													
	TOTAL OBS													
ALL HOURS	MEAN	1004.6	1012.6	1006.3	1005.7	1012.5	1013.4	1014.1	1013.0	1008.1	1004.6	1002.0	1005.2	1008.7
	S D	12.354	15.237	8.107	11.137	8.217	6.982	6.398	7.450	9.268	11.158	12.374	16.028	11.250
	TOTAL OBS	252	245	312	479	506	511	507	529	489	513	439	443	5225

USAFETAC FORM 0-8-9-5 (OLA)