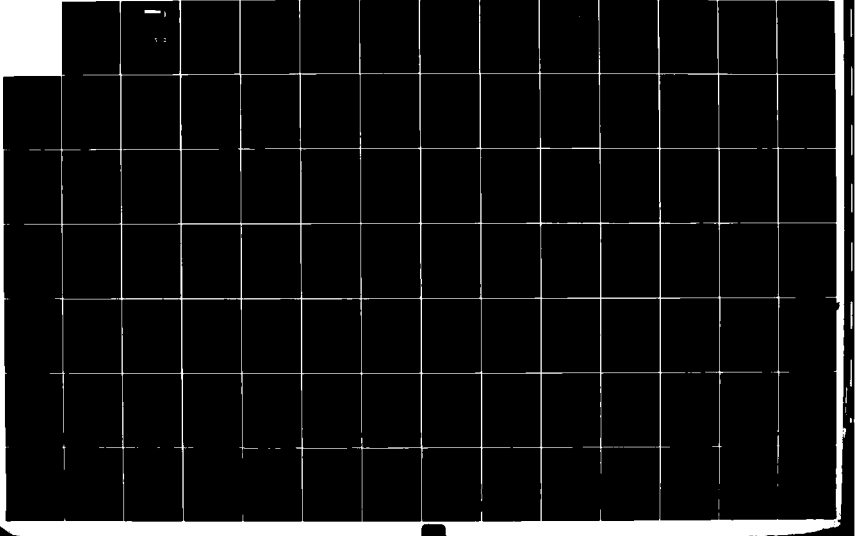
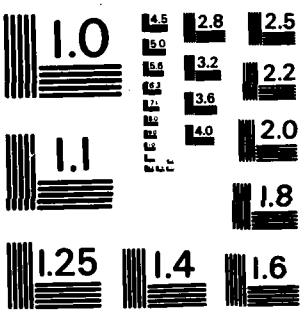
AD-A130 206 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

1/5

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 374 F/G 4/2 NL





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

PHOTOGRAPH THIS SHEET

AD-E850 374

ADA130206

DTIC ACCESSION NUMBER

III

LEVEL

[redacted]

ATTENTION:
Camera Operator
When Filming attached document
use Bell & Howell camera ONLY!!!
Consult with Supervisor for
further instructions.

INVENTORY

USAFETAC/DS-83/008

DOCUMENT IDENTIFICATION

Mar.'83

DISTRIBUTION STATEMENT A
Approved for public release;
Distribution Unlimited

DISTRIBUTION STATEMENT

ACCESSION FOR	
NTIS	GRA&I
DTIC	TAB
UNANNOUNCED	
JUSTIFICATION	
BY	
DISTRIBUTION /	
AVAILABILITY CODES	
DIST	AVAIL AND/OR SPECIAL
A	

DTIC
SELECTE
JUL 12 1983
D
D

DATE ACCESSIONED

DTIC COPY INSPECTED

DISTRIBUTION STAMP

83 05 06 -208

DATE RECEIVED IN DTIC

PHOTOGRAPH THIS SHEET AND RETURN TO DTIC-DDA-2

DTIC FORM OCT 79 70A

DOCUMENT PROCESSING SHEET

AD A13 02 6

AF F 83/008

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

AWS TECHNICAL LIBRARY
FL 4414
SCOTT AFB, IL 62225

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

CAPE ROMANZOF AFS AK — MSC # 702120
N 61 47 W 166 02 ELEV: 457 FT — PACZ

PARTS A - F — HOURS SUMMARIZED: 0000Z - 2300Z

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 81
SUMMARY OF DAY DATA: SEP 53 - DEC 81

TIME CONVERSION GMT TO LST: -11

MAR 29 1983

0.4 APR 1983

FEDERAL BUILDING
ASHEVILLE, N. C.

"Approved for public release;
Distribution Unlimited."

REVIEW AND APPROVAL STATEMENT

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

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

Wayne E. McCollom

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

FOR THE COMMANDER

Walter S. Burgmann

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

UNCLASSIFIED ADE 850 324 USAK 702120
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER USAFETAC/DS 83/008	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- CAPE ROMANZOF AFS, 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/CBD Air Weather Service (MAC) Scott AFB, IL 62225		12. REPORT DATE MAR 83 13. NUMBER OF PAGES
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

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

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

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

This report is a six-part statisitical summary of surface weather observations for

CAPE ROMANZOF AFS, ALASKA

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (Daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric (over)

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

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*ALASKA *CAPE ROMANZOF AFS
*

20. Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb and dew point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurance or cumulative percentage frequency of occuring tables.

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

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, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	ELEV. (FT)	CALL SIGN	WBAN NUMBER
702120	CAPE ROMANZOF ALASKA AFS	N 61 47	W 166 02	457	PACZ	70212

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	FROM BAROMETER	
1	Cape Romanzof, Alaska	AFS	Apr 53	Feb 55	N 61 47	W 165 52	426	483	13-24
2	No Change	AFS	Mar 55	Feb 56	No Chge	No Change	473	434	14-24
3	No Change	AFS	Mar 56	Feb 59	No Chge	No Change	478	No Chge	19-24
4	No Change	AFS	Mar 59	Feb 61	No Chge	No Change	490	No Chge	24
5	No Change	AFS	Mar 61	4 Nov 63	No Chge	W 166 02	No Chge	No Chge	24
6	No Change	AFS	5 Nov 63	May 70	No Chge	No Change	467	405	16-24
7	Same	AFS	Jun 70	Feb 83	Same	Same	457	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Apr 53-Feb 55	Located 30 Ft. N of Weather Station	AN/GMQ-1	None	15 Ft.	
2	Mar 55-Feb 60	Located 20 Ft, NNE of Weather Station.	No Chge	ML-204B	No Chge	
3	Mar 60-Feb 65	Located 500 Ft. NE of Weather Station. and 100 Ft. from touch down point of Rnwy.	AN/GMQ-11	None	13 Ft.	
4	Mar 65-Feb 68	Located 250 Ft. E of Center Line and 750 Ft. from touch down point of Rnwy.	No Chge	None	15 Ft.	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	STORAGE AND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT. ABOVE GROUND	
5	Mar 68-	Located 500 Ft [illegible] Center Line [illegible] of Rnwy.	AN/GRQ-11	None	11 Ft	
6	Feb 83	Same	Same	Same	Same	

MAC—0 AFB, IB 05-0976

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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

702120 . CAPE ROMANZOF AFS AK | 73-81 | JAN

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		1.2	.4	26.7		27.8	18.3		21.8		33.0	772
	03-05		1.7	.5	27.6		28.7	16.1		21.2		32.2	907
	06-08		2.3	.7	28.2		29.4	20.1		23.0		36.2	812
	09-11		2.7	.4	25.2		27.6	25.3		20.1		37.3	815
	12-14		2.0	.6	22.0		24.0	24.5		18.1		35.4	797
	15-17		1.9	1.1	26.4		29.3	26.8		18.3		36.8	622
	18-20		1.9	2.1	34.7		37.4	28.9		14.6		32.9	377
	21-23		.7	1.5	29.3		30.8	22.8		17.3		31.5	543
TOTALS			1.8	.9	27.5		29.4	22.9		19.3		34.4	5545

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 3120 CAPE ROMANZOF AFS AK 73-81 FEB

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
FEB	00-02		2.3		16.4		17.2	15.1		22.1		32.7	739
	03-05		1.8		19.5		20.1	17.4		25.5		35.7	737
	06-08		1.5		20.8		21.0	20.2		26.9		37.7	746
	09-11		2.4	.4	18.5		20.0	22.8		24.1		39.1	750
	12-14		2.7	.4	17.6		19.9	21.4		23.3		37.4	733
	15-17		2.9	.3	18.7		20.4	21.8	.2	21.2		34.7	637
	18-20		2.5		24.5		25.5	25.0		21.3		34.1	396
	21-23		2.5		19.7		20.2	17.3		22.2		31.6	519
TOTALS			2.2	.1	19.5		20.5	20.1	.1	23.3		35.4	5227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70212D CAPE ROMANZOF AFS AK 73-81 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		1.4	.1	26.9		26.9	18.1		24.7		36.0	832
	03-05		1.7		27.0		27.2	19.1		22.1		35.1	834
	06-08		1.3		24.5		25.3	27.3		19.4		37.6	834
	09-11		.8	.2	22.5		23.3	28.3	.2	16.8		36.1	834
	12-14		.1		20.1		20.8	26.2		19.0		35.2	825
	15-17		.5		23.3		23.4	26.2		20.3		36.0	764
	18-20		.9	.2	23.3		24.0	29.6	.5	19.8		38.0	550
	21-23		1.4	.2	26.2		27.0	22.5		23.0		35.6	627
TOTALS			1.1	.1	24.2		24.7	24.7	.1	20.6		36.2	6770

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2120 | CAPE ROMANZOF AFS AK | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		2.5	.4	28.1		30.3	22.5		14.2		31.0	773
	03-05		2.7	1.1	27.2		30.2	26.7		14.1		33.1	810
	06-08		1.9	1.9	23.3		25.8	28.0	.2	14.3		33.6	810
	09-11		3.0	.7	25.8		26.0	27.0		13.2		31.9	810
	12-14		3.7	.2	22.8		25.2	23.7		10.6		28.4	810
	15-17		4.7	.6	22.1		25.8	25.2		8.7		29.7	795
	18-20		5.3	.6	26.0		30.4	28.7		9.1		34.0	662
	21-23		2.9	.5	26.9		30.1	28.4		9.5		33.2	651
TOTALS			3.3	.8	25.3		28.2	26.3	.0	11.7		31.9	6121

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		9.8	.1	12.0		21.7	15.3		1.6		15.9	803
	03-05		9.1	.4	15.1		23.3	21.5		1.9		22.2	836
	06-08		8.0	.5	15.1		22.5	18.5		2.5		19.5	837
	09-11		10.3		14.6		23.8	14.2		1.7		15.1	837
	12-14		10.3		10.9		19.9	12.6		1.8		13.8	836
	15-17		10.7		8.9		19.4	9.6		1.4		10.6	774
	18-20		11.3		9.3		20.2	12.0		.7		12.2	600
	21-23		10.7		10.7		20.6	14.3		.6		14.3	665
TOTALS			10.0	.1	12.1		21.4	14.8		1.5		15.5	6188

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 JUN

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02		25.9		1.4		26.9	28.7				28.7	717
	03-05		29.3		2.8		31.3	30.7				30.7	753
	06-08		30.6		2.7		32.5	29.0				29.0	782
	09-11		31.9		1.1		32.7	24.9				24.9	788
	12-14		26.8		1.7		28.2	19.0				19.0	773
	15-17		28.7		1.8		30.1	20.7				20.7	624
	18-20		37.7		.2		37.7	26.1				26.1	422
	21-23	.2	30.8		.5		31.0	31.9				31.9	548
TOTALS		.0	30.2		1.5		31.3	26.4				26.4	5407

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 JUL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		27.4				27.4	26.5				26.5	785
	03-05		31.5				31.5	29.4				29.4	821
	06-08		35.4				35.4	28.1			.1	28.1	822
	09-11		34.2				34.2	22.2				22.2	821
	12-14		30.0				30.0	16.3				16.3	818
	15-17		28.4				28.4	16.1				16.1	696
	18-20		30.3				30.3	21.4				21.4	532
	21-23		27.4				27.4	24.4				24.4	635
TOTALS			30.6				30.6	23.1			.0	23.1	5930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 AUG

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02		30.4				30.4	21.2				21.2	773
	03-05		33.1				33.1	24.3				24.3	804
	06-08		35.9		.1		35.9	25.2				25.2	804
	09-11		33.6		.1		33.6	21.3				21.3	807
	12-14		35.7				35.7	16.3				16.3	765
	15-17		31.2				31.2	18.4			.2	18.5	632
	18-20		33.8				33.8	22.9				22.9	529
	21-23		32.1				32.1	21.8				21.8	601
TOTALS			33.2		.0		33.2	21.4			.0	21.4	5715

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 SEP

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		30.7		2.7		32.3	11.8				11.8	771
	03-05		33.8		2.6		35.1	12.6				12.6	801
	06-08		34.4		1.6		34.9	13.7				13.7	802
	09-11		33.7		1.5		34.5	11.6				11.6	803
	12-14		31.8		1.5	.1	32.6	8.4				8.4	782
	15-17		30.5		2.0		31.3	10.4				10.4	699
	18-20	.2	28.6		2.7		29.8	10.3				10.3	514
	21-23		31.3		3.2		33.0	10.9				10.9	594
TOTALS		.0	31.9		2.2	.0	32.9	11.2				11.2	5766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 OCT

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
OCT	00-02		10.7	.1	28.3		36.0	13.3		7.3		20.0	924
	03-05		12.3	.1	29.0		38.6	12.1		7.8		19.7	837
	06-08		11.6		27.2		38.1	11.9		7.4		18.3	837
	09-11		11.4	.5	21.3		32.0	11.0		6.6		16.0	837
	12-14		14.2	.4	19.6		33.1	11.6		5.1		15.9	836
	15-17		13.2	.5	22.3		34.7	12.3		5.4		17.2	781
	18-20		14.8	.5	26.8		40.7	15.1		6.9		22.1	568
	21-23		13.1		25.5		36.8	15.6		6.7		21.9	671
TOTALS			12.7	.3	25.0		36.3	12.9		6.6		18.9	6171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 NOV

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		5.7	.6	30.9		35.8	9.8		13.2		20.9	809
	03-05		4.0	1.1	33.2		37.3	11.9	.1	15.1		23.6	810
	06-08		6.0	.5	32.0		37.2	13.2		14.9		24.9	810
	09-11		5.9	.4	25.6		31.1	18.0		14.6		28.3	810
	12-14		7.5	.7	24.2		31.4	19.5	.1	15.7		30.6	810
	15-17		6.6	.4	25.8		31.9	20.5	.6	13.8		30.5	775
	18-20		8.7	.6	34.6		41.8	22.1		13.2		35.8	517
	21-23		7.6	.6	32.7		37.6	14.0		13.7		25.0	643
TOTALS			6.5	.6	29.9		35.5	16.1	.1	14.3		26.8	5984

USAFETAC FORM 0-10 5/80 A/ PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	00-02		1.4	.2	28.9		30.2	15.9		28.4		38.3	807
	03-05		1.1	.9	30.5		31.6	15.4		27.2		36.4	813
	06-08		1.6	.6	32.1		33.6	14.1		27.1		36.0	816
	09-11		1.3	.6	28.1		29.5	20.1		21.6		36.0	819
	12-14		1.8	.4	24.4		25.7	22.3		21.4		37.2	795
	15-17		1.5	.5	26.7		27.8	24.1		24.1		38.7	651
	18-20		1.1	1.1	29.3		30.8	19.7		28.2		38.4	671
	21-23		1.1	.5	29.6		30.5	16.5		29.4		38.6	632
TOTALS			1.4	.6	28.7		30.0	18.5		25.9		37.4	5804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

WEATHER CONDITIONS

702120 CAPE ROMANZOF AFS AK 73-81 ALL

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL		1.8	.9	27.5		29.4	22.9		19.3		34.4	5545
FEB			2.2	.1	19.5		20.5	20.1	.0	23.3		35.4	5227
MAR			4.1	.1	24.2		24.7	24.7	.1	20.6		36.2	6070
APR			3.3	.8	25.3		28.2	26.3	.0	11.7		31.9	5121
MAY			10.0	.1	12.1		21.4	14.8		1.5		15.5	6188
JUN		.0	30.2		1.5		31.3	26.4				26.4	5907
JUL			30.6				30.6	23.1			.0	23.1	5930
AUG			33.2		.0		33.2	21.4			.0	21.4	5715
SEP		.0	31.9		2.2	.0	32.9	11.2				11.2	5766
OCT			12.7	.3	25.0		36.3	12.9		6.6		18.9	6171
NOV			6.5	.6	29.9		35.5	16.1	.1	14.3		26.8	5984
DEC			1.4	.6	28.7		30.0	18.5		25.9		37.4	5804
TOTALS		.0	13.7	.3	16.3	.0	29.5	19.9	.0	10.3	.0	26.6	69928

PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

7 2120 | CAPE ROMANZOF AFS AK | 54-65, 69-81 | ALL
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS L.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	DAILY		11.6	4.6	51.0		53.0	55.1		49.0		71.9	606
FEB			6.2	1.3	47.8	.2	49.1	54.3	.7	53.6		73.4	534
MAR			4.9	1.9	53.9		54.1	58.5	.7	48.3		72.0	590
APR			12.7	4.7	50.8		53.6	67.6	.8	43.1		74.8	599
MAY			41.3	3.0	40.6		55.1	55.7		5.2		56.2	601
JUN		.4	62.6	.2	10.2		65.6	68.4	.2			68.5	569
JUL		.3	70.6		.5		70.6	55.4	.8			65.8	612
AUG		.3	82.0		1.4		82.0	68.0	.6			58.4	662
SEP		.3	77.9	.2	15.6	.2	80.9	49.5	.5	1.1		52.3	678
OCT			37.2	2.8	67.8		81.9	45.1	.5	19.1		54.9	645
NOV			20.4	5.6	72.6		76.3	47.1	.3	43.4		67.3	623
DEC			10.3	5.9	62.0	.2	62.3	51.6		54.0		71.8	611
TOTALS		.1	36.5	2.5	40.3	.0	67.1	57.2	.4	26.1		66.3	7260

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

72[illegible]122 CAPE ROMANZOF AFS AK 63-65, 69-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)																PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02 .05	.06 .10	.11 .25	.26 .50	.51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00						MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 30.4	OVER 30.4								
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120								
JAN	42.[illegible]	19.[illegible]	5.0	10.7	4.1	6.6	3.2	1.5									41.1	8[illegible]	1.[illegible]	4.[illegible]	.[illegible]
FEB	49.5	22.3	5.6	9.5	5.3	3.9	2.1	1.3	.5								2[illegible].2	5[illegible]	1.11	4.[illegible]	TRACE
MAR	44.[illegible]	2[illegible].8	6.2	13.2	4.7	6.6	2.6	1.[illegible]	.4								3[illegible].[illegible]	652	1.[illegible]	6.[illegible]	.[illegible]
APR	37.7	26.9	8.0	13.4	5.9	4.9	2.[illegible]	.7									3[illegible].4	714	.[illegible]	3.[illegible]	.[illegible]
MAY	38.[illegible]	26.3	6.2	11.9	7.6	6.2	4.1	1.4									37.2	719	1.43	7.[illegible]	.[illegible]
JUN	32.[illegible]	26.1	5.6	10.0	[illegible].9	8.9	7.4	2.2	1.[illegible]								41.[illegible]	677	2.[illegible]	[illegible].26	.[illegible]
JUL	29.4	23.9	4.7	14.2	6.[illegible]	10.[illegible]	7.4	4.6	.9								47.7	703	2.[illegible]	6.45	.[illegible]
AUG	17.5	18.9	5.6	15.[illegible]	10.4	13.3	9.6	6.[illegible]	2.6	.1							63.5	731	4.99	8.78	1.19
SEP	23.1	15.[illegible]	4.9	14.0	9.9	15.6	10.1	6.[illegible]	2.5								64.[illegible]	750	4.67	8.91	1.32
OCT	19.9	[illegible].8	[illegible].6	16.4	11.5	10.7	5.3	3.1	.5								54.2	767	2.44	6.[illegible]	.79
NOV	25.7	27.2	6.8	16.7	10.1	9.[illegible]	2.[illegible]	1.4	.6								47.1	724	1.55	5.46	TRACE
DEC	4[illegible].6	23.1	5.9	13.4	6.8	5.[illegible]	4.[illegible]	1.1	.1								3[illegible].3	746	1.58	4.15	TRACE
ANNUAL	33.[illegible]	23.1	5.9	13.2	7.3	8.4	5.1	2.7	.8	.[illegible]							43.4	8513	26.85		

USAFETAC FORM 0-15-5 (OL A) OCT 79 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

[redacted] CAPE [redacted] AFB [redacted]
STATION STATION NAME

[redacted] YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[redacted]									.7[redacted]	.4[redacted]	.34*	.7[redacted]	
64	.5[redacted]	1.02	1.0[redacted]	.34	.96	.14*	.76*	1.0[redacted]	1.0[redacted]	.7[redacted]	.78*	.7[redacted]	1.0[redacted]
65	.0[redacted]*	.13	.2[redacted]	.1[redacted]	.50	.9[redacted]	1.[redacted]4	1.[redacted]8	1.2[redacted]	.[redacted]0	.60*	.4[redacted]	1.2[redacted]
66	.6[redacted]	1.15	1.[redacted]6	.40	.23	1.02	.97	[redacted].77	1.1[redacted]	.64	.12*T	T.8[redacted]	.[redacted]7
67	.2[redacted]	TRACE	.0[redacted]	.2[redacted]	.36	.13	.79	1.77	1.26*	.7[redacted]	.24	.[redacted]	[redacted].77
68	.0[redacted]	.69	.17	.12	.7[redacted]	.43	.57*	[redacted].14	.47	.7[redacted]	.45	.17	[redacted].14
69	.04	.16	.40	.20	.77	.69	.71	1.[redacted]4	1.74	.64	1.97	.7[redacted]	[redacted].[redacted]
70	.6[redacted]	.95	.24*	.14	.64	.56	.99	.45	.87	.5[redacted]	1.12	.7[redacted]	1.0[redacted]
71	.7[redacted]	.[redacted]5	.29	.1[redacted]	.7[redacted]	1.98	.7[redacted]	.7[redacted]	1.0[redacted]	.67	.20	.49	[redacted].[redacted]8
72	.3[redacted]	.14	.34	.14	.4[redacted]	.35	.67	.38	1.40	.43	.30	.47	1.40
73	.8[redacted]	.25	.42	.42	.3[redacted]	1.[redacted]2	.42	1.99	1.21	1.1	.[redacted]8	.7[redacted]	1.0[redacted]
74	.1[redacted]	.62	.19	.35*	.7[redacted]								
75								[redacted].1[redacted]	1.21*	.17*T	RACE	.1[redacted]	
76				.[redacted]4*	.67	1.46	.6[redacted]	.7[redacted]	.5[redacted]	.5[redacted]	1.31	.41	
77	.3[redacted]	.24	.21	.47	.7[redacted]*	.8[redacted]*	.6[redacted]	.[redacted]45	.2[redacted]	.7[redacted]	.22*	.[redacted]3	[redacted].[redacted]4
78				.1[redacted]	.2[redacted]	.6[redacted]	.8[redacted]	.41	.[redacted]7	.2[redacted]	.29	.7[redacted]	
79	.4[redacted]	.[redacted]4	.[redacted]9	.47	.7[redacted]	1.[redacted]3	.45	1.03	.94	1.4[redacted]	.89	1.2[redacted]	[redacted].[redacted]4
80	.99	.2[redacted]	.11	.36	.29*	.[redacted]3*	1.32	.71	1.33*	1.36*	.55	.7[redacted]	1.3[redacted]
81	.4[redacted]	.31	.3[redacted]	.2[redacted]*	.21*	.89	1.[redacted]3	1.37	.85	.[redacted]7	.64*	.[redacted]5	1.[redacted]
82	.[redacted]6	.72	.7[redacted]	.1[redacted]	.74*	.9[redacted]	1.45*	.34	.4[redacted]	.67	.19*	.[redacted]5	1.45
83	.[redacted]*	.11	.1[redacted]	.16	.62	.33*	.67*	.45	.72	.6[redacted]	.2[redacted]	.49	.7[redacted]
84	.3[redacted]	.33	.2[redacted]	.7[redacted]	.7[redacted]	.35	.8[redacted]	.72	1.02	.7[redacted]	.16	.4[redacted]	1.[redacted]
85	.44	.22	.09	.7[redacted]	.43	1.24	1.1[redacted]	1.14	.92	.7[redacted]	.65	.56	[redacted].[redacted]4
86	.3[redacted]	.09	.43	.12	.[redacted]4	1.12	.7[redacted]	.78	1.[redacted]3	.9[redacted]	.65	.[redacted]9	1.1[redacted]
87	.1[redacted]	1.06	.3[redacted]	.3[redacted]	.5[redacted]	1.23	1.33	.54	.63	.35	.11	.[redacted]8	1.[redacted]
88	.[redacted]3	.72	.24	.3[redacted]	.31	.4[redacted]	.3[redacted]	1.08	.43	1.2[redacted]	.24	.[redacted]3	[redacted].[redacted]
MEAN	.3[redacted]	.45[redacted]	.32[redacted]	.27[redacted]	.45[redacted]	.7[redacted]	.[redacted]1[redacted]	1.1[redacted]	.9[redacted]	.6[redacted]	.46[redacted]	.[redacted]9[redacted]	1.[redacted]
S.D.	.29[redacted]	.37[redacted]	.31[redacted]	.22[redacted]	.23[redacted]	.4[redacted]	.4[redacted]3	.67[redacted]	.36[redacted]	.29[redacted]	.44[redacted]	.[redacted]7[redacted]	.3[redacted]
TOTAL OBS.	6[redacted]	[redacted]5[redacted]	6[redacted]	714	715	6[redacted]	7[redacted]3	731	7[redacted]	76[redacted]	72[redacted]	7[redacted]	[redacted]

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

[illegible] CLIMATOLOGY BRANCH
[illegible]

EXTREME VALUES

MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

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

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
52									[illegible]	1.14	.72*	.77	
53	1.[illegible]	1.71	[illegible].36	.57	1.97	.38*	[illegible]2.2[illegible]*	7.52	7.55	1.13	1.13*	.41	[illegible]12.[illegible]9
54	.71*	.56	.[illegible]7	.27	[illegible].36	[illegible].98	[illegible]7.9[illegible]	[illegible]5.72	[illegible].11	4.3[illegible]	1.63*	.[illegible]9	[illegible]1[illegible].[illegible]5
55	1.1[illegible]	4.25	5.63	[illegible]2.56	.78	2.5[illegible]	2.21	[illegible]2.72	[illegible]4.67	[illegible]2.11	.25*	TRACE	[illegible]1[illegible].74
56	.[illegible]2	TRACE	.[illegible]3	.36	.[illegible]6	.23	.33	.[illegible]55	4.9[illegible]*	1.97	1.31	.5[illegible]	[illegible] 7.1[illegible]
57	.[illegible]7	.97	1.20	.[illegible]6	1.87	3.[illegible]3	1.[illegible]3*	[illegible]6.3[illegible]	4.[illegible]5	1.67	.91	.[illegible]	*[illegible]3.[illegible]
58	.1[illegible]	.36	.7[illegible]	.5[illegible]	[illegible].[illegible]5	1.9[illegible]	3.11	4.65	4.92	1.[illegible]5	[illegible].46	.[illegible]	[illegible].[illegible]
59	3.74	2.[illegible]3	.[illegible]9*	.[illegible]6	1.[illegible]3	.[illegible]7[illegible]	[illegible]2.2[illegible]	[illegible]2.[illegible]1	[illegible]1.17	2.[illegible]3	3.47	[illegible].[illegible]2[illegible]	*2[illegible].[illegible]3
60	1.6*	.16	.54	.34	1.55	[illegible].14	4.4[illegible]	[illegible]3.97	6.91	2.[illegible]0	1.3[illegible]	1.[illegible]1	[illegible]1[illegible].[illegible]4
61	1.[illegible]3	.62	1.43	.41	1.57	1.[illegible]3	2.17	[illegible]5.8[illegible]	7.44	2.1[illegible]	.72	1.[illegible]2[illegible]	[illegible]1[illegible].[illegible]4
62	4.17	.46	[illegible]2.34	1.[illegible]6	1.65	3.78	[illegible]2.3[illegible]	[illegible]2.83	[illegible]1.51	2.3[illegible]	.[illegible]5	[illegible].[illegible]7	[illegible]1[illegible].[illegible]4
63	.46	1.59	.41	1.[illegible]0*	.[illegible]3								
64									[illegible]2.31	7.[illegible]9*	1.[illegible]0*	TRACE	.[illegible]1
65				*	.[illegible]6*	1.46	[illegible]5.[illegible]2	[illegible]3.[illegible]7	[illegible]3.[illegible]4	[illegible]2.[illegible].	[illegible]2.[illegible]5	[illegible]1.43	[illegible]1.[illegible]2[illegible]	
66	.12	.77	.96	1.35	.[illegible]5*	1.[illegible]3*	[illegible]4.21	[illegible].[illegible]5	1.72	[illegible]2.[illegible]4	1.75*	.[illegible]7	*[illegible].[illegible]7
67				.57	1.[illegible]5	[illegible]2.8[illegible]	[illegible]7.[illegible]3	[illegible]1.[illegible]9	[illegible]3.67	[illegible]1.62	1.22	[illegible]1.[illegible]	
68	1.57	.[illegible]6	.[illegible]2	[illegible]2.74	[illegible].[illegible]3	[illegible]3.17	1.63	[illegible]4.[illegible]5	[illegible]2.37	[illegible]5.[illegible]9	1.[illegible]3	[illegible]2.[illegible]3	[illegible].[illegible]57
69	[illegible]5.[illegible]4	.[illegible]1	.[illegible]5	.[illegible]4	.67*	.[illegible]7*	[illegible]2.[illegible]7	[illegible]5.[illegible]1	[illegible]2.[illegible]5*	[illegible]4.[illegible]2*	[illegible]3.[illegible]8	[illegible]2.[illegible]2[illegible]	*[illegible]3.[illegible]1
70	1.81	1.09	1.47	.84*	.64*	1.[illegible]3	[illegible]5.[illegible]5	[illegible]5.[illegible]8	[illegible]3.[illegible]5	.[illegible]9	1.[illegible]5*	.[illegible]2	[illegible]2[illegible].[illegible]5
71	.[illegible]4	.[illegible]8	1.[illegible]5	.[illegible]7	1.[illegible]7*	1.[illegible]3	[illegible]2.[illegible]8*	1.[illegible]7	1.[illegible]7	1.[illegible].	.[illegible]3*	.[illegible].	*1[illegible].[illegible]
72	.[illegible]7*	.23	.[illegible]4	[illegible].[illegible]3	1.[illegible]3	.[illegible]2*	[illegible]2.[illegible]9*	[illegible]7.21	[illegible]3.[illegible]3	[illegible]2.[illegible]6	.94	1.1[illegible]	*[illegible]5.[illegible]
73	1.[illegible]7	.[illegible]9	.[illegible]2	1.[illegible]3	.[illegible]7	1.11	[illegible]2.[illegible]8	[illegible]3.[illegible]0	[illegible]5.[illegible]1	[illegible]2.[illegible]9	.[illegible]6	[illegible]2.[illegible].	[illegible]2[illegible].[illegible]5
74	.[illegible]3	.[illegible]2	1.[illegible]3	.[illegible]2	5.[illegible]6	4.35	[illegible]5.[illegible]2	[illegible]5.[illegible]8	[illegible]3.[illegible]5	[illegible]4.[illegible]5	3.[illegible]9	[illegible]3.[illegible]4	[illegible]3[illegible].[illegible]
75	.[illegible]8	.[illegible]4	.[illegible]8	1.[illegible]5	1.[illegible]3	[illegible].[illegible]2*	2.[illegible]9*	[illegible]7.21	[illegible]3.[illegible]3	2.[illegible]6	.94	1.1[illegible]	*[illegible]5.[illegible]
76	.[illegible]7*	.23	.[illegible]4	.[illegible]5	1.[illegible]3	.[illegible]2*	2.[illegible]9*	[illegible]7.21	[illegible]3.[illegible]3	2.[illegible]6	.94	1.1[illegible]	*[illegible]5.[illegible]
77	1.[illegible]7	.[illegible]9	.[illegible]2	1.[illegible]3	.[illegible]7	1.11	[illegible]2.[illegible]8	[illegible]3.[illegible]0	[illegible]5.[illegible]1	[illegible]2.[illegible]9	.[illegible]6	[illegible]2.[illegible].	[illegible]2[illegible].[illegible]5
78	.[illegible]3	.[illegible]2	1.[illegible]3	1.[illegible]6	1.[illegible]5	5.[illegible]6	4.35	[illegible]5.[illegible]2	[illegible]5.[illegible]8	[illegible]4.[illegible]5	3.[illegible]9	[illegible]3.[illegible]4	[illegible]3[illegible].[illegible]
79	[illegible].[illegible]2	.[illegible]8	1.[illegible]3	.[illegible]2	.[illegible]7	1.[illegible]4	.[illegible]3	1.[illegible]1	[illegible]5.[illegible]1	[illegible]2.[illegible]6	3.[illegible]8	.[illegible]4	[illegible]2[illegible].[illegible]2
80	.[illegible]4	2.[illegible]8	1.[illegible]1	.[illegible]9	[illegible].[illegible]6	5.[illegible]2	4.[illegible]3	[illegible]2.[illegible]1	5.64	1.54	.[illegible]3	.[illegible]6	[illegible]3[illegible].[illegible]5
81	1.[illegible]3	1.[illegible]3	.72	1.27	1.[illegible]2	1.99	1.[illegible]1	[illegible]2.[illegible]3	[illegible]2.[illegible]3	3.77	1.[illegible]1	[illegible]2.[illegible]3	[illegible]2[illegible].[illegible]
MEAN	[illegible].[illegible]29	1.[illegible]06	1.[illegible]33	.[illegible]73	1.[illegible]42	[illegible]2.[illegible]62	[illegible]2.[illegible]90	[illegible]4.[illegible]99	[illegible]4.[illegible]63	[illegible]2.[illegible]43	1.[illegible]69	1.[illegible]24	[illegible].[illegible]51
S.D.	1.[illegible]1	1.[illegible]39	1.[illegible]73	.[illegible]82	.[illegible]75	1.[illegible]72	1.[illegible]49	[illegible]2.[illegible]15	[illegible]2.[illegible]57	1.[illegible]21	1.[illegible]11	1.[illegible].	[illegible].[illegible]5
TOTAL OBS.	[illegible]61	620	682	714	71[illegible]	677	703	731	78[illegible]	767	729	74[illegible]	[illegible]5[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-88 6 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

7[illegible] CAPE NEWENHAM AFS AK 53-65, 69-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4						
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120						
JAN	5 .7	19.7	43.7	9.7	2.9	1.3	1.3	.5	.4						23.7	661	1 .3	33.3	.7
FEB	31.2	22.9	13.1	8.7	2.3	1.6	.5	.3	.3	.2					26.4	623	4.2	31.6	TRACE
MAR	44.3	21.7	17.4	9.4	3.4	1.9	.7	.3	.6	.3					34.1	682	11.3	64.6	.3
APR	40.2	27.5	16.2	11.8	2.5	1.3	.7		.1						32.4	714	7.5	26.3	.5
MAY	67.1	24.0	11.7	6.4	.7	.7	.4		.1						21.3	736	4.1	19.1	TRACE
JUN	91.	6.5	1.1	.6	.6										2.3	713	.5	4.3	.3
JUL	99.6	.4														768	TRACE	TRACE	.1
AUG	98.7	1.3			.3										.3	767	.2	3.4	.3
SEP	85.6	10.4	2.2	1.3	.4	.1									4.1	793	.6	6.5	.1
OCT	35.	29.8	14.4	13.8	4.2	1.6	.4	.5	.1		.1				35.2	815	9.7	39.6	.3
NOV	37.7	28.7	18.9	16.4	3.3	1.3	.4	.7	.7						41.1	755	13.6	25.3	TRACE
DEC	41.5	23.5	15.7	11.5	3.2	1.5	1.7	.7	.4						35.0	746	14.3	46.7	TRACE
ANNUAL	60.6	17.7	10.4	7.5	2.3	.9	.5	.3	.2	.1	.1				21.7	8764	76.9		

USAFETAC FORM 0-15-5 OCT 78 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

[illegible]ALL

(FROM DAILY OBSERVATIONS)

[illegible] STATION | CAPE [illegible]MANOF AFS AK STATION NAME | 53-65, 69-21 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53									.0	2.4	.5*	1.6	
54	1.4	3.8	7.1	2.8	1.6	.3*	.4*	.0	TRACE	1.4	1.3*	4.[illegible]	7.1
55	1.1*	1.3	3.0	1.2	.4	1.3	.5	1.9	TRACE	3.5	.0*	1.4	5.7
56	5.7	12.5	1.6	1.4	TRACE	TRACE	.2	.3	1.4	2.5	.2*	4.[illegible]	12.5
57	2.1	TRACE	.2	.3	.1	.3	.5	.0	2.9	7.3	.4	2.1	7.3
58	.4	1.6	1.7	1.2	1.2	.1	.3	.4	.4	1.3	.5	1.7	7.5
59	.4	1.6	4.2	2.3	3.3	.3	TRACE	TRACE	.2	2.5	.3	2.2	5.7
60	6.4	9.5	.4*	1.4	1.3	TRACE	.3	TRACE	TRACE	3.2	.2	.1	9.5
61	7.1	.5	2.6	1.2	.7	TRACE	TRACE	TRACE	TRACE	2.9	2.3	2.3	7.1
62	4.1	1.3	3.4	1.4	1.1	1.8	.2	.2	1.1	1.6	3.2	2.7	4.2
63	2.3	2.5	4.2	4.2	2.1	1.5	.3	.3	.2	1.5	1.1	3.7	5.7
64	1.1	5.6	1.7	3.7*	3.2*	.3	.2	.2	TRACE	2.3	.1		
65							.3	.3	1.7	1.6*	TRACE	1.1	
66				*	.2*	1.6	TRACE	.2	.2	TRACE	.7	2.6	4.1
67	.4	2.2	2.1	3.3	.5*	.3	.3	.2	.3	1.1	1.7*	3.[illegible]	3.7
68				1.9	1.3	.7	.2	TRACE	TRACE	2.3	2.2	1.4	
69	4.1	.4	.9	4.2	7.8	2.1	.3	.3	.9	2.4	3.9	3.[illegible]	8.9
70	2.1	2.7	1.1	3.6	.5*	TRACE*	.3	.2	.4*	5.2	2.4	2.2	7.2
71	4.4	3.1	2.9	2.1*	.9*	.2	.3	.3	TRACE	2.7	.8*	.7	4.1
72	.3	3.4	2.1	1.8	1.3	TRACE	.4*	.3	TRACE	.4	1.2*	.3	3.4
73	.4*	.7	1.4	1.8	3.5	TRACE*	.4*	.3	.3	2.4	1.9	4.3	8.9
74	3.4	3.3	2.3	7.3	2.8	.4	.4	.2	TRACE	1.4	1.5	4.2	7.2
75	4.1	2.1	.9	2.8	.2	.2	.3	.3	TRACE	7.4	3.1	4.4	7.4
76	3.1	.9	4.3	.3	TRACE	.3	.3	.3	TRACE	1.3	1.6	.3	4.3
77	1.7	5.2	3.1	.6	3.4	.5	.3	.3	TRACE	1[illegible]	.7	2.1	13.2
78	3.3	2.3	2.4	1.3	1.5	TRACE	.3	TRACE	.4	3.3	1.9	6.[illegible]	6.3
MEAN	3.11	3.21	2.64	2.23	1.61	.37	TRACE	.29	.44	2.13	2.13	3.71	2.24
S.D.	1.231	3.379	2.338	1.579	1.791	.676	.20	.475	.726	2.524	2.191	2.[illegible]	4.[illegible]
TOTAL OBS.	684	620	682	714	736	713	769	767	780	806	755	7[illegible]	8764

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

STATION | STATION NAME | YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53									.3	7.2	2.7*	.3	
54	.1	5.8	2.5	3.7	3.2	.4*	.3*	.4	TRACE	2.9	.9*	.7	* 61.2
55	1.3*	3.5	7.1	2.7	2.3	.7	.2	3.4	TRACE	27.1	10.2*	.1	* 57.1
56	11.4	21.8	5.5	5.3	TRACE	TRACE	.2	.2	3.5	8.2	.5*	T*	* 55.1
57	.2	TRACE	.2	.5	.2	.1	.2	.3	4.1	.2	1.3	.4	33.1
58	.7	2.8	11.5	3.1	4.2	.1	.2	.2	.2	2.7	7.9	4.1	39.5
59	4.1	3.6	7.1	6.7	7.7	.1	TRACE	TRACE	.2	.3	21.7	4.7	59.7
60	3.1	27.3	.9*	6.3	3.4	TRACE	.4	TRACE	TRACE	6.9	17.6	17.2	* 147.3
61	1.1	1.6	6.9	3.2	1.1	TRACE	TRACE	TRACE	TRACE	17.1	12.3	.4	59.1
62	10.4	4.1	13.5	4.2	.7	2.9	.2	.2	.2	11.3	.9	12.3	61.1
63	.1	4.5	2.2	11.4	3.5	1.7	.3	.2	.2	6.4	.3	1.4	31.1
64	.1	15.9	4.1	13.4*	1.4*	.3	.2	.3	TRACE	11.3	1.2		
65							.2	.3	.3	.3*	TRACE	3.2	
66			.*	.4*	1.3	TRACE	.2	.2	TRACE	.2	2.4	1.2	
7	.2	.2	.3	15.3	1.5*	.1	.3	.2	1.1	4.3	1.7*	.2	* 55.1
71				6.7	8.4	.7	.4	TRACE	TRACE	1.7	.7	11.7	
72	14.3	.6	3.3	20.3	19.1	4.3	.2	.3	1.1	7.3	14.5	11.7	1.2
73	3.4	5.9	3.4	.1	1.3*	TRACE*	.2	.2	.4*	32.3	13.1	4.7	115.4
74	1.3	13.9	7.1	7.5*	1.4*	.1	.3	.3	TRACE	.4	7.1*	.3	* 53.
75	.4	4.3	7.2	3.3	1.3	TRACE	.4*	.4	TRACE	.2	.5*	2.1	* 42.2
76	.7*	1.2	4.4	4.2	4.6	TRACE*	.3*	.3	.3	9.2	8.3	11.	* 48.1
77	13.1	3.3	7.1	13.3	3.7	.1	.4	.2	TRACE	1.1	.8	21.7	91.2
78	3.4	5.9	3.4	12.3	.2	.3	.3	.2	TRACE	23.1	23.3	34.4	115.7
79	13.1	1.3	14.1	2.3	TRACE	.1	.2	.2	TRACE	3.1	11.5	3.1	53.
80	3.7	2.2	1.1	2.3	4.3	.3	.1	.3	TRACE	27.2	6.3	3.7	85.7
81	13.1	2.2	6.3	4.1	2.4	TRACE	.2	TRACE	1.2	3.1	1.5	21.7	77.1
MEAN	7.97	8.22	11.28	7.62	4.29	.65	TRACE	.14	.34	9.66	13.63	14.3	72.1
S.D.	10.61	8.352	14.574	5.919	4.413	1.123	.307	.725	1.479	6.353	6.711	14.24	34.754
TOTAL OBS.	681	621	682	714	739	711	763	767	785	723	755	736	7564

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

7 [illegible] CAPE ROMANZOF AFS AK 53-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1 00	1 01 2 50	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1 0 4	0 5 1 4	1 5 2 4	2 5 3 4	3 5 4 4	4 5 6 4	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN		1.2	3.9	9.8	4.5	26.5	22.[illegible]	27.6	.7	2.9				[illegible]8.8	865			
FEB	.[illegible]	3.2	2.3	1.4	4.2	23.9	17.2	39.1	3.9	2.7	.8	1.1		96.6	737			
MAR			[illegible].1	1.4	6.[illegible]	8.1	24.[illegible]	35.7	17.4	.6	.3	3.2		1[illegible].[illegible]	868			
APR					[illegible].3	14.4	22.[illegible]	45.7	11.[illegible]	.[illegible]	.1	2.[illegible]		[illegible]00.[illegible]	838			
MAY	4.[illegible]	16.4	9.[illegible]	7.7	6.[illegible]	14.[illegible]	22.4	15.[illegible]	3.6	.2				79.5	867			
JUN	[illegible]8.[illegible]	30.[illegible]	3.9	2.2	1.7	2.4	1.7	.1						12.0	836			
JUL	[illegible]7.[illegible]	13.[illegible]													862			
AUG	84.9	5.1													859			
SEP	96.4	2.[illegible]	.6	.2	.1	.1								1.[illegible]	870			
OCT	34.7	19.1	15.5	9.9	6.8	10.1	3.9							46.3	877			
NOV	4.[illegible]	9.7	19.5	19.[illegible]	12.5	16.7	12.2	5.6						85.5	870			
DEC	1.[illegible]	.3	11.7	10.8	12.1	21.7	20.6	18.3	2.8					98.2	893			
ANNUAL	31.[illegible]	8.4	5.7	5.2	4.6	11.6	12.3	15.7	3.3	.6	.1	.6		59.8	10309			

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION ____ STATION NAME ____ YEARS ____

DAILY SNOW DEPTH IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53											15		
54	14	15	41	24	17	TRACE*	TRACE*				4*		
55	13*	19	23	22	22	4	TRACE	TRACE		1	17*		
56	44	66	41	174	36	4	TRACE				3*		11
57	6	4	4	4	3	TRACE	TRACE				13		13
58	25	16	25	26	24	4	TRACE		TRACE		4		
59	7	11	17	23	23	TRACE			TRACE		5		
60	43	42	27*	24	13	TRACE					7		
61	4	5	13	7	3	TRACE					6		
62	18	18	12	16	14	4	TRACE		TRACE		6		
63	13	2	14	15	4	TRACE					7		
64		17	17	15	13	5					23		
65	22	24	25	13	8						4		
66	2	25	28	14	13					3			
67	4	7	15	21	15	4					2	4	
68	8	8	9	9							6		
69	14*	25	31	32	15					TRACE	9	14	
70	5	6	6	15	14	TRACE			TRACE		2		14
71	3	4	4	5	2						5		
72	14	11	13	21	41	4			1	4	8	11	41
73	21	26	16	17	12*	4*			TRACE*	1	5		
74	3	6	9	14*	4*	1			2	3	5*	4	
75	9	6	9	9	6	TRACE	3*			3	2*		
76	3*	4	11	12	2	1	1*		2	1	4	7	1
77	11	14	17	26	25	13			TRACE	6	5	17	
78	16	16	14	22	7	1				11	13	3	
79	24	25	35	24	15	9	TRACE	TRACE		4	9	16	24
80	24	24	31	31	27	1			2	2	7	5	31
81	13	21	22	18	13	TRACE			1	5	12	10	22
MEAN	12.4	16.8	21.5	21.1	14.9	3.1	TRACE	TRACE	.7	4.5	7.4	11.1	29.1
S D	9.977	13.9	12.022	16.223	9.589	3.259	.103	.003	.349	2.833	5.202	7.46	.716
TOTAL OBS	663	757	863	878	867	836	692	859	870	897	870	49	423

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

C

EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ 77-81 YEARS

DAILY PEAK GUSTS (KNOTS)

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77							14* 44 35/	55 2/	9E 3 6/	56 4/	32 1E/		
78	47 54	47 65	57 57	37 41	37 45 1	37 43	37 25 24/	53 1E/	43 7/	61 6/	69 17/		/
79	26/ 56 33	37 66	57 67	77 56	27 36 1	47 17/	36 16/	36 27	54 57	41 17/	57 27		/
80	26/ 54	37 62	37 46	27 44	67 37 17/		46 1/	29 27	26 27	36 57	46 47	53 37	57
81	47 57	67 56	47 52 20/	42 7/	47	37 47/	37	47 36	37 36	27 46	57 57	77	77
MEAN	47.3	52.3	54.1	46.3	39.9	42.8	33.5	42.2	51.3	47.6	54.1	54.4	52.
S.D.	1.25	4.57	9.35	7.93	4.41	6.19	5.69711.883		3.204	5.497	7.361	.55	.1
TOTAL OBS.	124	113	124	120	124	120	143	155	155	155	155	155	1611

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

S (BASED ON LESS THAN FULL MONTHS AND +1 KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 [illegible]	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	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	.5	1.3	2.5	1.2	1.3	2.3	1.6	.3	.1		11.2	22.4
NNE	.4	1.2	1.6	2.2	3.5	2.2	1.6	.6	.1	.3	.1	13.7	19.4
NE	.4	.5	1.4	2.9	3.1	3.2	.9	1.3				13.7	19.5
ENE	.6	.3	.5	1.4	2.5	1.2	.1	.5				7.1	17.5
E	.4	1.3	1.2	3.0	3.5	1.4						10.8	14.7
ESE	.4	.5	.9	2.3	1.6	.8	.1					6.6	14.2
SE	.3	.6	.5	1.7	.8	.5						4.5	13.7
SSE	.5	.5	.9	1.9	1.7	.3	.1		.1			6.7	15.3
S	1.2	.9	1.2	1.4	1.8	1.8	.1					8.4	14.1
SSW	.5	.3	.5	.6	.4							2.3	9.4
SW	.3	.3										.5	3.8
WSW	.1		.1									.3	4.5
W		.3	.1	.1								.5	7.5
WNW			.1	.1								.3	10.0
NW	.1			.8								.9	12.7
NNW				.5	.4	.1	.1					1.2	19.1
VARBL													
CALM												11.2	
	5.3	7.1	10.4	21.5	20.4	13.6	5.4	4.0	.5	.4	.1	100.3	15.1

TOTAL NUMBER OF OBSERVATIONS 771

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE POMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	1.0	2.7	1.0	1.4	1.4	1.5	1.2			10.9	22.9
NNE	.6	1.5	1.1	2.6	3.3	2.7	2.6	.2	.2	.4		15.4	19.4
NE	.6	1.4	2.7	3.1	2.2	3.0	1.9	1.1		.4		15.6	19.2
ENE	.2		.6	2.2	1.7	1.6	.5					6.9	17.9
E	.4	.5	1.0	2.4	2.2	1.7		.1				7.6	15.5
ESE	.5	.6	.4	1.5	2.5	.5						5.9	14.2
SE	.2	.7	.6	1.5	1.4	.1	.4					5.1	14.1
SSE	.4	.7	.5	2.0	.9	1.0	.1					5.7	14.0
S	1.4	1.3	.9	1.1	1.5	2.6	.2					8.7	15.3
SSW	.1	.5	.2	.6	.4							1.9	10.4
SW	.1	.4	.2	.1	.1							1.3	8.4
WSW		.4	.1									.5	5.5
W		.1	.4	.1								.6	8.8
WNW		.1	.1									.2	6.5
NW		.1	.1	.1								.4	8.5
NNW	.1	.1	.4	.7	.5		.2					2.1	14.6
VARBL													
CALM												11.5	
	5.0	8.8	9.8	20.8	17.7	13.9	7.3	3.0	1.5	.7		100.0	15.3

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

72125	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	2.0	2.1	2.2	1.8	1.6	1.2	1.0			12.6	21.8
NNE	.4	1.1	1.7	4.1	2.6	2.1	2.6	.7	.4	.1		15.8	19.4
NE	.2	1.1	.7	3.0	3.2	2.8	2.0	.9	.1	.2		14.3	20.6
ENE	.1	.4	1.0	1.8	1.7	1.7						6.8	16.5
E	.6	.5	.7	2.2	2.3	1.5	.5					8.4	16.3
ESE	.5	.4	.4	2.0	1.7	1.1			.1			6.2	15.5
SE	1.0	.6	.7	1.0	.7	.5						4.6	11.2
SSE	.4	.9	.5	1.8	1.6	.9		.1				6.2	14.7
S	.5	.6	.9	1.8	1.6	1.5	.5					7.5	15.5
SSW	.2	.2	.6	.5	.4							2.0	10.2
SW	.1	.2	.5	.1								1.0	6.9
WSW		.2	.4	.1								.7	7.5
W		.4	.2									.6	5.6
WNW													
NW			.1	.1								.2	12.0
NNW			.5	.6	.4	.4						1.8	16.2
VARBL													
CALM												11.3	
	4.2	7.3	11.0	21.3	18.5	14.3	7.2	3.0	1.6	.4		100.3	15.5

TOTAL NUMBER OF OBSERVATIONS 611

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7212	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.6	1.3	1.7	1.3	2.7	1.1	.5	.9	.4		10.8	21.7
NNE	.6	1.2	1.8	4.3	2.6	2.7	2.1	1.5	.1	.2		17.2	19.1
NE	.5	.2	.5	2.9	4.3	2.3	1.6	.4	.2			13.3	19.8
ENE	.2	.5	.6	2.5	1.7	1.7	.5					7.7	17.2
E	.6	.6	.4	2.2	2.7	1.1	.2	.1				8.3	16.2
ESE	.3	.4	.4	.2	1.5	.2	.1					3.3	14.3
SE	.4	.6	.2	3.7	1.3	.1	.1					6.5	13.7
SSE	.6	.5	.5	1.5	1.5	1.0	.2					5.8	15.3
S	1.3	1.6	1.3	2.3	2.3	1.1	.5					9.4	14.2
SSW	.6	.4	.9	.5	.4							2.7	8.8
SW		.4	.5									.9	7.3
WSW	.2	.4	.1									.7	4.7
W	.2	.1	.2									.6	5.3
WNW			.1	.2								.4	10.7
NW		.2	.4	.2								.9	9.7
NNW			.1	.4	.4	.1	.2					1.2	19.7
VARBL													
CALM												10.9	
	5.8	7.7	9.1	22.3	20.0	13.1	6.7	2.5	1.2	.6		100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 815

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.6	1.3	1.6	2.6	1.4	1.1	.8			10.7	22.2
NNE	.5	.3	1.6	2.8	4.1	3.4	2.5	1.3	.5	.4		17.1	21.7
NE	.4	.6	.6	3.1	2.6	.3	1.8	.4	.4	.3		10.4	19.9
ENE		.3	.5	1.8	2.1	1.1	.6	.1	.1			6.6	18.8
E	.5	.5	1.4	2.9	1.9	1.8	.5		.1			9.5	16.3
ESE	.1	.8	.4	1.8	1.8	.5						5.3	14.2
SE	.5	.9	.1	2.1	1.4	.1						5.1	12.3
SSE	1.1		.5	2.5	1.3	.5	.1					5.8	13.4
S	.9	1.3	1.3	2.5	1.4	2.5	.6					10.2	15.5
SSW	.3	.1	1.0	.9								2.3	9.9
SW		.1	.1	.4								.6	10.2
WSW			.1	.1								.3	10.0
W			.1	.1								.3	11.5
WNW	.1	.3	.5	.1								1.0	7.8
NW			.6	.3								.9	10.0
NNW	.1	.1	.4	.5		.3						1.4	12.8
VARBL													
CALM												12.7	
	4.9	5.8	9.9	23.1	17.9	13.0	7.5	2.6	1.9	.6		100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 797

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	1.1	1.4	2.7	2.1	2.3	.9	.6			11.9	22.3
NNE	.6	1.1	.6	2.9	2.9	3.5	1.4	1.8	.8	.2		15.9	21.5
NE	.5	.2	1.6	2.3	5.0	1.4	1.0	.5	.3		.2	12.9	19.3
ENE	.3	.5	.3	2.6	1.3	1.3	.3	.5				7.1	17.6
E	1.1	.5	1.0	1.9	3.5	2.1	.5					10.6	16.3
ESE	.3	.5	.2	1.4	.3	.5						3.2	13.2
SE	.3	.5	1.3	2.3	1.6	.5						6.4	13.6
SSE	1.4	.7	.8	1.6	1.4	1.0	.3					6.8	14.2
S	.2	2.4	.6	1.3	1.9	1.9	.6					9.3	15.3
SSW	.3	1.0	.3		.3							1.9	7.2
SW	.5	.2										.6	2.8
WSW		.6	.2									.9	5.8
W				.2								.2	11.0
WNW				.3								.3	13.0
NW	.2		.5	.2								.8	7.6
NNW		.3	.8	.2								1.3	8.1
VARBL													
CALM												10.1	
	6.3	8.2	9.3	19.5	21.1	14.3	6.4	3.5	1.8	.2	.2	100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70.120	CAPE ROMANZOF AFS AK	73,78-81	JAN
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		1800-2000
	CLASS		HOURS (L S T)
	CONDITION		

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.3	2.7	2.1	1.9	.5	1.3				9.8	19.8
NNE	.5	1.9	1.1	2.4	1.1	3.4	1.1	1.3	.3			13.0	19.0
NE	.8	1.1	1.3	1.3	5.0	1.9	1.6					13.0	17.3
ENE	.5	.3	1.1	1.1	2.4	1.1						6.4	15.2
E		1.1	2.7	2.7	5.0	1.9						13.3	15.8
ESE	.5	.5	.5	1.6	2.1	.5	.5					6.4	15.6
SE	.5	.8	1.6	1.9	2.1	.5						7.4	13.0
SSE	.5	.5	.8	2.7	1.6	.8						6.9	13.9
S	1.1	1.3		2.1	.8	.3						5.6	11.1
SSW	.3	1.3	.5	.3	.3	.5						3.2	10.5
SW	.3											.3	2.0
WSW													
W				.3								.3	11.0
WNW	.5											.5	2.5
NW			.5	.8	.3	.3						1.9	13.7
NNW		.3	.3	.3								.8	9.0
VARBL													
CALM												11.4	
	5.6	9.7	11.7	19.9	22.8	13.0	3.7	2.7	.3			100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 377

1 GLOBAL CLIMATOLOGY BRANCH
3 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	74-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.4	.7	2.4	2.2	.7	2.6	1.8	.4	.6		12.3	23.6
NNE	.9	1.1	2.0	3.3	2.0	2.0	2.8	.9	.2		.4	15.7	19.5
NE	.9	.9	.9	2.2	3.5	2.0	1.3	.6				12.3	17.8
ENE		.6	.6	.9	1.8	1.5	.6					5.9	18.4
E	.9	.7	.7	3.1	2.9	3.1	.6					12.2	16.5
ESE	.2	.4	1.7	3.3	1.5	.6						7.6	13.7
SE	.4	.4	1.7	1.1	1.3		.2					5.0	12.2
SSE	.6	1.3	.4	1.8	1.1	.4			.6			6.1	14.5
S	1.5	1.5	.6	1.8	.7	.7	.2					7.0	11.1
SSW	.2	.6	.9	.6	.2							2.4	9.2
SW		.2			.4							.6	14.0
WSW	.2		.2									.4	5.0
W			.2									.2	10.0
WNW			.7									.7	8.3
NW				.7	.4							1.1	15.5
NNW		.4	.2	.4	.2							1.1	11.5
VARBL													
CALM												9.6	
	6.3	8.3	11.4	21.7	18.2	11.0	8.1	3.3	1.1	.6	.4	100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 543

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7?2120	CAPE ROMANZOF AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.2	2.1	1.7	1.9	1.7	1.2	.7	.1		11.3	22.2
NNE	.6	1.1	1.5	3.1	2.9	2.7	2.1	1.0	.3	.2	.1	15.6	19.9
NE	.5	.7	1.1	2.7	3.5	2.2	1.5	.7	.1	.1	.0	13.2	19.4
ENE	.3	.3	.6	1.9	1.9	1.4	.3	.1	.0			6.9	17.5
E	.6	.7	1.0	2.5	2.9	1.6	.3	.0	.0			9.7	15.9
ESE	.4	.5	.6	1.7	1.6	.6	.1		.0			5.5	14.4
SE	.5	.7	.7	1.9	1.3	.3	.1					5.4	13.1
SSE	.7	.6	.6	1.9	1.3	.8	.1	.0	.1			6.2	14.4
S	1.0	1.2	.9	1.8	1.6	1.7	.4					8.5	14.4
SSW	.3	.5	.6	.5	.3	.3						2.3	9.4
SW	.1	.2	.2	.1	.1							.7	7.3
WSW	.1	.2	.2	.0								.5	6.0
W	.0	.1	.2	.1								.4	7.6
WNW	.1	.1	.2	.1								.4	8.1
NW	.0	.1	.3	.4	.1	.0						.8	11.4
NNW	.0	.1	.3	.5	.3	.1	.1					1.4	14.7
VARBL													
CALM												11.2	
	5.3	7.7	13.2	21.3	19.3	13.4	6.7	3.1	1.3	.5	.1	100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 5582

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.6	.6	1.7	2.5	3.6	2.7	1.0	.3	.1	.7	14.3	25.8
NNE	.8	.8	2.0	4.2	3.5	4.5	3.0	1.4	.6			20.9	20.3
NE	1.3	1.1	1.4	2.0	1.8	2.3	2.4	1.8	.3			14.4	23.0
ENE	.7	.7	1.4	.8	2.0	1.3	.4	.3				7.6	15.9
E	.7	.6	.8	1.7	2.0	.8	.1					6.8	14.4
ESE	1.0	.7	1.1	1.7	1.3	.4						6.2	11.7
SE	.7	.6	1.0	1.1	.8	.3	.1					4.7	11.9
SSE	.3	.8	.3	.7	.8	.7						3.7	13.7
S	.1	.6	.4	1.3	.6	.3	.1					3.4	13.5
SSW	.4	.3										.7	3.2
SW	.1		.1									.3	6.5
WSW		.1		.1								.3	8.5
W		.1	.7	.1								1.0	9.1
WNW			.7									.7	8.6
NW		.1	.4			.3	.1	.4				1.4	21.4
NNW	.1			.1	.7	.8	.3					2.1	21.3
VARBL													
CALM												12.3	
	6.3	7.2	11.0	15.7	16.1	15.5	9.3	4.9	1.1	.1	.7	100.0	16.1

TOTAL NUMBER OF OBSERVATIONS 709

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7:2120	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.4	.8	3.1	3.0	3.1	2.6	.5	.8		.8	15.5	24.1
NNE	.3	.9	2.3	6.8	4.6	3.7	1.8	1.5	.5			22.4	19.1
NE	.1	.8	1.2	2.4	2.6	2.4	1.6	1.9				13.2	21.0
ENE	.5	.3	.7	1.1	1.9	.9	.7	.5				6.6	18.6
E	.3	.5	1.8	3.0	.9	1.2	.5					8.3	14.8
ESE	.8	.4	.8	1.8	1.1	.7	.3		.1			6.0	14.2
SE	.9	.8	.7	.4	.5	.1		.3				3.8	10.3
SSE	.7	.1	.6	1.1	.8	.4						3.9	13.0
S	1.1	.7	.5	.7	.5	.4	.1					4.1	11.2
SSW	.3	.5	.3									1.1	9.6
SW	.1	.3	.3									.7	6.0
WSW	.3	.1	.3									.7	5.2
W		.5	.3									.8	6.2
WNW			.3									.3	8.0
NW			.1	.1		.1	.5					.9	24.0
NNW			.3		.4	.5	.4	.1				1.8	23.5
VARBL													
CALM												10.0	
	5.7	6.5	11.8	27.5	19.4	13.7	8.5	4.9	1.5		.8	100.0	16.3

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	1.1	2.5	2.7	2.1	1.3	1.1	.7	.5	.5	13.3	24.2
NNE		.9	2.0	2.9	4.3	5.9	2.1	2.1	.7			21.0	21.8
NE	1.1	.4	.9	3.6	2.7	2.3	2.3	1.3	.1			14.7	19.8
ENE	.4	.4	.5	1.7	1.7	1.2	.5	.3	.3			7.5	17.7
E	.5	.7	1.3	2.8	.8	.9	.3					7.4	13.3
ESE	.8	.7	.7	1.7	.9	.1						5.0	10.7
SE	.5	.7	.4	1.7	.1		.1					3.6	10.7
SSE	.5	.7	1.1	1.7	.8	.7	.1					5.6	12.8
S	1.3	.7	.1	.4	.3	.4	.1					3.8	11.0
SSW	.5	1.1	.3									1.9	4.5
SW	.1	.4										.5	4.5
WSW		.1	.1									.3	6.0
W		.1	.4	.1								.7	8.8
WNW	.1	.1	.1	.3								.7	8.0
NW			.1	.1	.1	.1	.1					.7	19.4
NNW		.3	.4	1.1	.3	.8	.3					3.1	17.2
VARBL													
CALM												10.3	
	6.2	8.2	9.7	20.9	14.7	15.0	7.4	4.8	1.7	.5	.5	100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

72720	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	.4	2.3	1.7	1.6	2.0	1.1	.4	.4	.4	11.1	24.5
NNE	.4	.9	2.4	5.1	3.7	5.1	3.2	2.0	.5	.1		23.5	20.8
NE	.5	.9	1.9	3.1	2.5	2.0	2.7	1.5	.1			15.2	19.7
ENE	.3	.3	.4	1.6	1.7	.9	.4			.1		5.7	17.5
E	.1	.4	1.1	3.1	1.5	.5						6.7	14.0
ESE	.4	.4	.9	1.5	.5	.1						3.9	11.7
SE	.8	.7	.9	1.9	.3							4.5	9.6
SSE	.9	1.1	1.2	.9	.5	1.3		.1				6.1	12.7
S	.7	1.5	.4	.4	.8	.4	.3					4.4	11.2
SSW	.4	.4	.1									.9	4.4
SW	.1	.4	.1									.7	5.2
WSW			.5	.1								.7	9.0
W	.3	.1		.1								.5	5.3
WNW		.1										.1	5.0
NW	.1			.4	.1			.1	.1			.9	20.0
NNW			.5	.9	.5	.4	.3					2.7	17.3
VARBL													
CALM												12.4	
	5.3	7.7	10.9	21.3	14.0	12.4	8.8	4.8	1.2	.7	.4	100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 750

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	1.0	1.9	2.7	2.5	1.5	1.1	.7	.1	.4	13.2	22.6
NNE	.3	.3	2.5	3.5	4.8	5.0	1.9	1.8	.8			20.9	21.5
NE	.7	.8	.4	2.9	2.3	3.8	2.3	1.5	.3			15.3	21.2
ENE	.4	.1	.8	1.8	.5	.5	.1		.1			4.5	14.8
E	.3	.4	1.5	4.1	1.4	.5						8.2	13.6
ESE	.5	.5	.1	1.2	.3	.1	.1	.1				3.1	12.3
SE	.8	.7	1.1	.8	.8	.1						4.4	10.2
SSE	.4	.8	1.1	1.2	.7	1.4	.3					5.9	14.7
S	.7	1.5	.5	1.2	.8	.1	.1					5.3	10.5
SSW	1.3	1.2	.3	.3								2.7	5.4
SW	.3	.1		.1								.5	5.8
WSW	.1		.1	.1								.4	8.7
W	.1		.4									.5	6.8
WNW						.1						.1	26.0
NW	.1			.1			.1	.1	.1			.7	24.6
NNW	.1	.1	.1	.1	.8	.7	.3			.3		2.5	22.4
VARBL													
CALM												12.1	
	6.3	7.6	10.0	19.5	15.1	15.3	6.8	4.6	2.0	.4	.4	100.3	15.7

TOTAL NUMBER OF OBSERVATIONS 733

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.2	.5	1.6	3.8	3.6	1.9	1.1	.3		.3	13.5	23.4
NNE	.3	1.3	2.7	3.3	3.1	4.6	2.8	1.9	.5			20.6	20.6
NE	.3	.8	1.7	3.0	2.2	3.3	2.2	1.7				15.2	20.4
ENE	.6		.8	1.3	.9	.8	.6	1.1				6.1	19.6
E	.6	.8	1.9	2.7	.6	.8	.3	.2				7.8	13.6
ESE	.5	.8	.6	.6	.9	.3		.5				4.2	14.0
SE	.9	.9	.8	1.3	.3	.5	.2					4.9	10.7
SSE	.3	.0	1.1	1.6	1.4	.5						5.8	13.2
S	.6	.9	.3	.3	1.1	.5		.3				4.2	13.3
SSW	.3	.2	.3	.2								.9	6.3
SW		.3		.3								.6	9.0
WSW	.5											.5	2.7
W		.3	.2									.5	7.0
WNW		.3										.3	4.5
NW	.2		.2	.3		.5						1.1	16.0
NNW				.2	.6	.5	.2		.2	.3		1.9	29.3
VARBL													
CALM												11.9	
	5.5	7.7	11.0	16.5	15.1	15.9	8.2	6.8	.9	.3	.3	100.0	16.1

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7.7120	CAPE ROMANZOF AFS AK	73,75,78-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3			1.5	3.3	2.3	2.0	1.3	.3			10.6	24.0
NNE	1.3	1.3	2.5	3.3	3.3	4.5	2.3	1.8	.5			20.7	19.4
NE	1.3	1.3	3.5	2.0	2.3	3.0	1.8	2.8				17.9	19.2
ENE	1.3	.5	1.8	1.8	.8	1.3	1.5	.3		.5		9.3	17.5
E	1.3	.8	.5	3.8	.5	.8	.3					7.8	12.5
ESE	1.5	1.0	1.0	1.5	.3	.3	.5					6.1	10.9
SE	1.0	.8	.8	2.8	.3	.3						5.8	10.6
SSE	1.3	.8		1.5	1.8	.8						6.1	13.0
S	2.3	1.3	.5	.5	.3							4.5	6.2
SSW	.3	.3										.5	4.0
SW	.3											.3	2.3
WSW													
W	.3											.3	3.3
WNW													
NW						.3	.5	.5				1.3	31.8
NNW									.3			.3	44.0
VARBL													
CALM												8.6	
	11.9	7.8	10.6	18.7	12.6	12.9	8.8	6.6	1.0	.5		100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 396

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 2130 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
74-81 — YEARS
FEB — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	1.2	1.3	2.9	2.9	2.1	1.3			.4	12.7	13.5
NNE	.4	1.5	2.1	2.5	2.9	4.3	2.9	2.3	.2			20.0	20.9
NE	.6	.6	1.7	2.3	2.9	3.1	3.5	1.3	.4	.2		16.5	21.7
ENE	.6	.6	.8	.6	.9	.6	.4	.8				5.0	17.0
E	1.0	1.3	1.0	1.9	1.7	.8						7.3	12.4
ESE	1.3	1.0	1.7	1.9	2.1							8.1	11.3
SE	.8	.4	.6	1.9	.2	.4						4.2	11.7
SSE	.8	1.3	.4	1.0	.5	.6	.2					4.8	11.6
S	.8	.6	.4	.8	.6	.2						3.3	10.1
SSW	.2											.2	3.0
SW	.2	.2	.4	.2								1.0	7.2
WSW	.2	.2	.2									.5	5.0
W			.4									.4	9.0
WNW		.2										.2	4.5
NW	.4			.2		.2	.4		.2			1.3	21.6
NNW		.6	.2	.6	.8	.4	.2		.4			3.1	15.9
VARBL													
CALM												11.2	
	7.3	8.9	11.0	15.2	15.4	13.9	9.6	5.8	1.2	.2	.4	100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 519

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70210	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.7	2.1	2.8	2.7	2.0	1.0	.5	.2	.5	13.1	24.0
NNE	.4	1.7	2.3	4.1	3.9	4.8	2.5	1.8	.6	.0	-	21.3	20.5
NE	.7	.9	1.5	2.7	2.4	2.7	2.3	1.7	.2	.0	-	15.1	20.4
ENE	.5	.4	.8	1.3	1.4	.9	.5	.4	.1	.1	-	6.4	17.4
E	.5	.6	1.3	2.9	1.2	.8	.2	.0	-	-	-	7.5	13.7
ESE	.8	.7	.8	1.5	.9	.3	.1	.1	.0	-	-	5.2	12.1
SE	.8	.7	.8	1.4	.4	.2	.1	.0	-	-	-	4.4	10.7
SSE	.6	.8	.8	1.2	.9	.3	.1	.0	-	-	-	5.2	13.1
S	.9	1.2	.4	.7	.6	.4	.1	.0	-	-	-	4.1	11.1
SSW	.4	.5	.2	.1	-	-	-	-	-	-	-	1.2	9.8
SW	.2	.2	.1	.1	-	-	-	-	-	-	-	.6	6.1
WSW	.1	.1	.2	.1	-	-	-	-	-	-	-	.4	6.5
W	.1	.2	.3	.1	-	-	-	-	-	-	-	.6	7.3
WNW	.0	.1	.2	.0	-	.2	-	-	-	-	-	.3	8.4
NW	.1	.2	.1	.2	.0	.2	.2	.1	.1	-	-	1.0	22.0
NNW	.0	.1	.2	.4	.2	.6	.2	.0	.1	.1	-	2.3	21.1
VARBL	-	-	-	-	-	-	-	-	-	-	-	-	-
CALM												11.2	
	6.5	7.7	10.7	16.7	15.1	14.3	8.4	5.3	1.4	.3	.5	100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 5227

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7[illegible]120	CAPE ROMANZOF AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.6	1.7	2.9	2.6	1.6	1.2	.5	.1			12.4	17.0
NNE	.5	1.5	2.1	3.4	2.9	2.2	2.0	.4	.1			15.1	17.3
NE	.5	1.0	1.9	4.1	2.6	2.4	1.2	1.0	.4	.2		15.4	18.9
ENE	.1	.4	.7	2.5	2.7	.7	.5	.2	.1			6.1	17.8
E	.2	.5	1.7	3.6	2.9	1.[illegible]						10.0	14.8
ESE	.5	.7	1.0	1.4	1.2	.5						5.4	12.9
SE	.1	.7	1.1	1.4	1.0	1.1	.9					6.4	16.4
SSE	.1	.7	1.0	.4	1.7	.7						4.7	14.2
S	.4	1.2	.9	1.0	.6	.2	.6					5.0	13.3
SSW			.4	.5		.1						1.0	13.5
SW													
WSW													
W													
WNW	.2											.2	2.0
NW		.4		.1								.5	8.3
NNW	.1	.2	.2	.6	1.0	1.0		.1				3.4	17.3
VARBL													
CALM												12.5	
	3.9	8.1	12.9	21.8	19.4	11.7	6.5	2.2	.7	.2		100.0	14.4

TOTAL NUMBER OF OBSERVATIONS 831

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2120	CAPE ROMANZOF AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	1.4	2.4	2.6	1.7	.7	1.2				11.6	17.8
NNE	.5	1.7	2.8	2.6	3.2	1.6	2.0	1.0	.1			15.5	17.6
NE	1.0	1.1	2.6	3.7	2.5	1.6	1.2	.7	.1	.4		14.9	17.3
ENE	.7	.2	.6	2.5	2.5	1.4	.4	.2				8.6	16.5
E	.7	.2	2.3	3.2	1.8	1.3	.4	.2				10.2	14.8
ESE	.4	.5	.6	2.2	1.2	.2						5.0	13.0
SE	.1	.7	1.3	2.2	1.1	1.1	.7					7.2	15.8
SSE	.1	.6	.5	1.1	1.0	1.7						5.2	16.0
S	.1	.7	.5	1.0	.4	.2	.2					3.1	13.0
SSW	.4	.1	.1	.6								1.2	8.8
SW	.1		.1	.1								.4	7.7
WSW	.1											.1	2.0
W	.1		.1									.2	5.0
WNW		.1	.2									.4	8.7
NW	.1	.1	.2									.5	6.3
NNW		.2	.2	1.6	.6	.2						2.9	14.6
VARBL													
CALM												13.1	
	4.9	7.7	13.7	23.1	16.9	11.0	5.6	3.4	.2	.4		100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.3	2.8	2.4	1.1	.6	.5	.4			9.5	16.3
NNE	.1	.7	2.2	3.8	2.9	2.6	1.2	1.0	.1			14.6	18.5
NE	.4	.6	1.9	4.4	2.2	2.6	1.4	1.0		.2		14.7	18.9
ENE	.2	.5	1.8	2.8	1.7	1.2	.2	.1				8.5	15.3
E	.4	.1	2.0	3.2	2.6	1.1	.4					9.7	15.5
ESE	.6	.6	1.1	1.1	.8	.7						4.7	12.9
SE	.8	1.1	.8	2.0	1.6	.8	.4					7.6	13.6
SSE	.8	.4	.8	1.2	1.3	.4	.1					5.0	13.1
S	1.1	.8	.7	1.6	.6	.6	.1					5.5	11.2
SSW	.6	.2	.2	.2								1.3	5.4
SW					.2							.2	18.5
WSW													
W		.1										.1	5.0
WNW		.1	.4									.5	7.5
NW	.1	.1	.6	.4	.5							1.7	12.1
NNW	.1	.2	.5	1.3	.1	.1		.4				2.8	15.3
VARBL													
CALM												13.3	
	5.5	5.9	14.4	24.8	16.9	11.2	4.4	2.9	.5	.2		100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	1.6	3.0	2.4	1.2	.5	.5				9.8	16.7
NNE	.5	1.1	2.5	4.4	3.5	3.2	1.4	.5	.1			17.3	17.4
NE	.7	.8	1.3	2.5	2.2	2.4	1.4	.8	.2	.2	.1	12.8	20.0
ENE	.2	.4	1.6	2.2	1.7	1.3	.4	.1				7.8	15.8
E	.2	.2	1.6	2.5	2.6	1.2						8.5	15.2
ESE	.5	.2	.1	2.2	1.1	.4	.1					4.6	14.3
SE	.2	.5	1.4	1.7	1.1	.7	.2					5.9	13.9
SSE	.2	.1	.5	1.7	2.2	1.0	.1					5.8	16.6
S	1.0	1.0	1.4	1.8	.6	.1	.1					6.3	10.5
SSW	.8	.4	.4			.1						1.7	5.6
SW	.2	.5				.2						1.3	8.4
WSW	.1	.2	.1									.5	4.5
W		.2	.5									.7	6.8
WNW	.1	.5	.2									.8	5.6
NW			.1	.4				.1				.6	16.8
NNW	.2	.1	.5	1.7	.4		.1	.1				3.1	13.8
VARBL													
CALM												13.2	
	5.5	6.6	13.8	24.1	17.6	11.9	4.4	2.2	.4	.2	.1	100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2126 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.7	3.8	2.1	1.9	1.0	.5				11.9	17.3
NNE	.2	.2	2.7	4.2	5.3	4.0	1.5	.6				18.8	18.4
NE	.2	.6	2.3	2.8	2.5	1.6	1.0	.8		.2		12.1	16.1
ENE	.4		.8	1.2	1.5	1.9	1.0	.2				7.0	19.3
E	.1	.1	.8	2.3	2.1	.7	.1					6.3	15.7
ESE	.2	.8	.6	1.8	1.1	.2	.1					5.0	13.0
SE	.5	.4	1.1	1.9	1.5	.7	.2					6.3	14.7
SSE	.1	.4	.4	1.7	2.3	.4						5.2	15.4
S	1.9	1.0	1.1	1.3	.8	.2	.2					6.7	9.7
SSW	.6	.6	.1	.2								1.6	5.2
SW	.5	.4	.5			.1	.2					1.7	9.6
WSW	.1		.1									.2	5.5
W	.2	.2	.4									.8	6.1
WNW	.1	.4										.5	4.3
NW		.5	.2	.1			.1	.1				1.1	13.3
NNW	.1	.2	.4	1.5	.6	.1	.2					3.2	15.0
VARBL													
CALM												11.6	
	5.6	6.7	13.2	22.9	19.8	12.0	5.7	2.3		.2		100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.9	2.8	2.5	2.8	2.2	.9	.5	.1	.1		12.8	17.7
NNE	.5	.7	3.0	4.7	4.5	4.8	2.6	1.2				22.3	19.0
NE	.1	.1	1.3	4.5	2.9	2.2	.7	.9				12.7	18.7
ENE	.1	.1	1.6	2.2	1.0	1.3	.5	.3				7.2	16.9
E	.4	.3	1.4	3.0	1.0	.7	.3					7.1	14.1
ESE	.3		1.2	1.8	1.0	.3						4.6	13.7
SE	.5	.1	.3	1.8	1.6	.8	.3	.3				5.6	16.9
SSE	.1	.5	.8	1.6	1.8	.4	.1					5.4	14.9
S	.8	1.6	1.0	.3	.7		.3					4.6	9.2
SSW	.5	.4	.7	.1								1.7	6.2
SW	.1	.3	.1			.3	.1					.9	14.3
WSW		.3	.1									.4	6.7
W	.3	.4	.1									.8	4.2
WNW	.1	.3	.4									.8	6.3
NW		.4	.1	.1				.1				.8	12.5
NNW			.3	.9	.8	.3	.4	.1				2.8	19.0
VARBL													
CALM												9.8	
	3.9	6.3	15.2	23.6	18.1	13.2	6.2	3.4	.1	.1		100.0	14.8

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.128	CAPE ROMANZOF AFS AK	73,75-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	1.8	2.2	1.3	2.6		.4				8.7	17.2
NNE		1.5	2.9	6.6	4.4	5.1	3.3	1.1	.2			25.0	19.2
NE	.7	.4	1.5	4.4	2.4	1.3	.4	1.3	.2			12.4	17.5
ENE	.2	.2	.4	4.2	2.7	1.3	.5	.4				9.8	18.0
E		.2	1.5	4.2	2.2	.5	.2					8.7	15.0
ESE	.4	.7	1.8	2.2	1.5	.5						7.1	12.9
SE	.2		1.1	2.4	.7	1.1	.7					6.2	16.8
SSE	.2	.4	.5	.7	2.2	.5						4.6	15.4
S	.4	1.3	1.1	.5	1.1							4.4	10.3
SSW	.4	.2	.7									1.3	6.3
SW	.2	.2			.4	.2						.9	13.4
WSW	.2											.2	2.0
W	.5	.2										.7	3.5
WNW	.2			.2								.4	8.0
NW	.2			.2								.4	7.0
NNW		.2		.4	.2	.4						1.1	15.7
VARBL													
CALM												8.2	
	3.6	5.8	13.3	28.1	18.9	13.5	5.1	3.1	.4			100.0	15.1

TOTAL NUMBER OF OBSERVATIONS 549

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	74-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	2.6	2.9	2.1	2.6	1.6	.3				12.9	17.2
NNE	.8	.5	2.7	4.1	4.5	4.0	1.9	.8		.2		19.5	18.8
NE		1.1	.8	2.9	1.6	1.8	1.8	1.4	.2			11.5	20.7
ENE	.2	.3	1.3	3.0	2.2	1.1	1.0	.3				9.4	17.5
E	.2	.5	1.3	4.3	1.9	.6						8.8	14.2
ESE	.2	.6	.5	1.9	1.0	.5						4.6	13.5
SE		.3	.5	2.2	1.3	.8	.6	.2				5.9	17.7
SSE	.2		1.4	1.8	1.6	.8	.5					6.2	16.0
S		.5	1.0	1.4	.5	1.1	.3					4.8	15.4
SSW	.2	.3	.3	.2								1.0	7.0
SW				.3								.3	15.5
WSW	.2											.2	2.0
W													
WNW		.2	.2									.3	6.5
NW			.2			.2						.3	16.5
NNW		.2	.2	.3	.3	.8	.3	.2				2.2	21.4
VARBL													
CALM												12.1	
	2.1	5.1	12.8	25.4	16.9	14.2	8.0	3.2	.2	.2		100.0	15.2

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70120	CAPE ROMANZOF AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

ALL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.8	2.8	2.3	1.8	.8	.6	.1	.0		11.2	17.4
NNE	.4	1.0	2.6	4.1	3.8	3.3	1.9	.8	.1	.0		18.1	18.3
NE	.5	.7	1.7	3.6	2.4	2.0	1.2	1.0	.1	.2	.0	13.4	18.7
ENE	.3	.3	1.1	2.5	2.0	1.3	.5	.2	.0			8.2	17.1
E	.3	.3	1.6	3.2	2.2	.9	.2	.0				8.7	14.9
ESE	.4	.5	.8	1.8	1.1	.4	.0					5.1	13.7
SE	.3	.5	1.0	1.9	1.2	.9	.5	.0				6.4	15.5
SSE	.2	.4	.7	1.3	1.7	.7	.1					5.3	15.2
S	.7	1.0	1.0	1.1	.6	.3	.2					5.0	11.3
SSW	.4	.3	.3	.2		.0						1.4	6.9
SW	.1	.2	.1	.0	.1	.1	.0					.7	11.2
WSW	.1	.1	.0									.2	8.6
W	.1	.1	.1									.4	5.3
WNW	.1	.2	.2	.0								.5	6.1
NW	.0	.2	.2	.2	.1	.0	.0	.0				.8	12.0
NNW	.1	.2	.3	1.1	.5	.3	.1	.1				2.8	16.2
VARBL													
CALM												11.9	
	4.5	6.6	13.7	24.0	18.0	12.2	5.7	2.9	.3	.2	.0	100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 6067

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	1.2	2.8	1.7	1.6	.6					10.3	14.3
NNE	.6	1.7	2.1	7.8	5.7	4.1	.9	.1				23.0	16.7
NE	.5	.8	2.6	3.9	2.3	1.4	.3					12.3	14.7
ENE	.6	.5	1.3	2.2	1.4	.1						6.2	12.0
E	.3	.6	1.8	1.0	.3	.6						4.7	11.3
ESE		.6	.5	1.2	.6	.5						3.3	13.9
SE	.3	.7	1.6	1.4	.6	1.3	.3					5.7	15.2
SSE	.4	.3	1.7	2.3	1.7	1.7	.4	.1				7.9	15.2
S	.6	.6	.5	1.9	.3	1.6	.4					6.0	14.9
SSW		.1	.1	1.6		.1						1.9	13.9
SW		.3	.1	.9	.1	.3						1.7	13.9
WSW		.1		.1								.3	8.0
W	.1	.3	.5									.9	6.0
WNW		.4		.1								.5	7.0
NW		.3	.1	.5	.3	.3						1.4	13.9
NNW	.1	.4	.1	.6	.1	.1	.3	.5				2.3	19.3
VARBL													
CALM												11.4	
	4.8	8.5	14.2	28.5	15.7	13.1	3.1	.8				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

70710	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	1.5	1.1	1.7	1.6	.7					7.8	16.2
NNE	.9	1.7	3.7	5.4	4.9	4.2	1.0	.1				22.0	15.6
NE	.1	.7	2.2	3.7	4.2	1.1	.4					12.5	15.3
ENE	.5	.9	1.9	2.5	1.5	.2	.2					7.7	12.1
E	.9	.7	1.6	1.6	.5	.5	.2					6.2	11.3
ESE	.1	.4	1.0	1.2	.5	.5	.1					3.6	13.4
SE		.1	1.7	1.1	.9	1.4	.1					6.3	15.5
SSE	.2	.7	.7	1.6	1.6	1.3	.6					6.5	16.1
S	.5	.4	1.6	1.2	1.4	.9						5.9	13.7
SSW		.2	.1	.4	.9	.3						1.9	16.2
SW	.1	.4	.1	.4		.3						1.2	10.3
WSW	.1	.2	.4	.2	.1							1.1	9.4
W	.1	.2										.4	5.0
WNW		.2	.2	.1								.6	8.2
NW		.5	.5	.4	.4							2.0	11.4
NNW		.1	.5	.4	.4	.2	.2	.4				2.7	18.5
VARBL													
CALM												11.7	
	4.1	8.4	17.8	22.8	18.9	12.1	3.7	.5				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7?120	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	1.4	3.1	1.2	1.4	.7	.4				9.3	16.2
NNE	.9	1.6	2.2	5.7	4.2	4.4	1.2	.1				20.4	16.4
NE	1.3	1.0	2.5	4.6	3.7	1.5	.1					14.3	14.2
ENE	.1	.7	1.0	1.9	.7	.2						4.7	12.2
E	.5	1.0	1.7	.7	1.4	.4						5.7	11.4
ESE	.4	.7	1.2	1.4	.2	.7	.2					4.9	12.9
SE	.5	.5	1.4	.6	1.0	1.0						4.9	13.7
SSE	.2	.4	.7	1.7	2.0	.9	.7	.1				6.8	17.2
S	.7	.6	1.0	1.5	2.3	.4						6.5	13.3
SSW	.5	.1		.4	.6	.1						1.7	12.4
SW	.5	.1		.4	.2	.4						1.6	12.4
WSW	.1	.1										.2	8.0
W	.2	.4	.2									.9	5.7
WNW		.1	.6	.1								.9	8.3
NW	.1	.6	.1	.2		.4						1.5	10.8
NNW			.7	.4	.2	.5		.4				2.2	16.3
VARBL													
CALM												13.5	
	6.2	8.9	14.9	22.6	17.9	12.2	3.1	1.0				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0900-1100 — HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	2.0	4.2	1.5	2.5	.5	.2				11.5	16.1
NNE	.6	.9	2.5	4.9	4.1	4.0	1.1	.1				18.2	16.7
NE	.4	1.5	2.1	3.8	3.2	.8						11.9	13.4
ENE		.5	.5	1.5	.5	.2	.1					3.3	13.4
E	.4	.2	1.9	1.4	.6	.6						5.1	12.4
ESE	.2	.7	1.4	1.0	.5	.6	.2					4.7	13.0
SE	.4	1.1	1.1	1.7	.6	.4	.1					5.4	11.7
SSE	.4	.9	1.7	2.0	1.2	.9	.9					7.2	15.6
S	1.2	2.1	1.2	1.6	2.0	.7						8.9	11.1
SSW	.2	.4	.1	.6	.4	.1						1.9	11.9
SW	.5	.2		.9		.1						1.7	9.7
WSW	.1	.1			.1	.1						.5	12.3
W	.4	.5	.4	.1								1.4	5.6
WNW	.2	.1	.1									.5	5.0
NW	.1	.6	1.0		.1	.2						2.1	9.2
NNW	.2	.2	.6	.7	.7	.2	.1	.4				3.3	16.1
VARBL													
CALM												12.5	
	5.7	10.6	15.8	24.5	15.6	11.6	3.1	.7				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 809

USAFETAC FORM 0-8M (OL 6A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED KNTS. DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	3.2	4.0	2.5	1.6	.5	.2	.1			12.7	15.6
NNE	1.2	2.5	3.8	5.2	6.2	4.3	.4	.1				22.8	15.3
NE	.1	.7	2.1	2.8	2.3	1.3	.2					9.4	14.9
ENE	.1	.5	.7	.7	.2	.2	.4					3.3	13.6
E	.1	1.1	1.6	1.6	.2	.2						4.9	10.3
ESE	.4	.2	.6	2.0	1.4	.5	.2					5.3	14.8
SE	.5	.6	1.2	1.7	.4	.1	.1					4.7	11.2
SSE	.2	.4	.2	1.5	1.3	1.1	.4					4.8	17.0
S	1.2	1.8	1.2	1.7	1.2	1.3	.1					8.1	11.9
SSW	.5	.7	.2	1.2	.2							3.0	9.8
SW	.6	.5	.5	1.1	.2							3.0	9.2
WSW		.6	.4		.1							1.1	7.4
W	.1	.3	.7	.4								2.1	7.1
WNW		.6	.7									1.4	6.8
NW	.2	.1	.6	.4	.4							1.7	10.3
NNW	.2	.5	.9	.6	.6	.2	.2	.1				3.5	13.6
VARBL													
CALM												8.5	
	5.6	11.6	18.9	24.9	17.0	10.0	2.6	.5	.1			100.3	12.4

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.9	3.1	3.5	2.8	1.8	.5	.1				14.0	14.5
NNE	.3	1.4	2.8	4.8	7.2	3.4	1.3					21.3	16.8
NE	.3	.8	2.6	2.9	3.1	1.4	.1					11.2	14.7
ENE		.7	1.0	1.5	.9	.5	.3					4.4	14.9
E		.3	1.6	1.5	.4	.4	.1					4.3	13.4
ESE	.3	.4	.9	1.1	.8	.5						3.9	13.2
SE	.1	.8	1.0	1.5	.6	.6						4.7	13.4
SSE		.9	.8	1.6	.6	1.3	.1					5.2	16.0
S	1.5	.5	.8	1.9	.8	1.1	.3					6.8	13.0
SSW	.3	.6	1.3	1.6								3.8	9.3
SW	.5	.4		1.0	.3							2.1	9.8
WSW	.3	.P		.1								1.1	5.3
W	.1	.1	.9	.3								1.4	7.5
WNW	.1	.4	.4		.4							1.3	10.4
NW	.3	.6	.6	.4	.1	.3						2.3	15.1
NNW	.1	.8	.6	.8	.5	.5		.3				3.4	14.9
VARBL													
CALM												9.2	
	4.2	10.5	18.4	24.6	18.4	11.7	2.8	.4				100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 [illegible]2C	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	2.6	3.3	1.8	2.3	.5	.3				12.5	15.1
NNE	.2	1.5	3.3	5.3	6.8	5.1	1.1					23.0	16.8
NE	.2	.5	2.0	3.0	2.7	.8	.5					9.5	14.9
ENE		.3	1.7	2.1	.5	.2						5.1	11.2
E	.2	.3	1.1	1.7	.8	.6	.3					5.1	15.4
ESE	.2	.3	1.7	.6	.8		.3					4.2	11.9
SE		.4	1.1	1.5	2.0	.6	.2					6.3	14.9
SSE	.5	.3	.6	1.7	.8	1.7	.5					6.3	15.7
S	.5	.3	.9	1.5	.9	.3	.8					5.3	14.6
SSW	.5	1.4	.9	1.2								3.9	7.8
SW	.3		.2	.5								.9	7.8
WSW			.2	.3								.6	10.8
W		.3	.3									.8	5.8
WNW	.2	.5	.5	.2								1.2	6.3
NW	.2	.2	.3	.6	.3							1.5	11.6
NNW	.2	.3	1.1	.5	.3	.3	.3	.2				3.6	13.2
VARBL													
CALM												9.2	
	3.2	11.3	18.3	23.6	17.5	12.5	4.2	.5				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 662

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

70120	CAPE ROMANZOF AFS AK	74-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	1.2	3.2	1.8	2.0	.3	.2				10.9	14.5
NNE	.8	1.4	2.3	7.8	6.9	4.9	.6					24.6	16.3
NE	.3	.5	1.7	4.2	1.5	.5	.2					8.9	13.8
ENE	.5	1.1	.9	2.0	.9	.5	.2					6.0	12.8
E	.5		1.8	1.1	1.7	.8	.2					6.0	14.3
ESE	.2	.6	1.1	.8	1.4	.3						4.3	13.1
SE		.3	1.2	.6	1.1	.8						4.0	15.3
SSE		.5	.3	1.7	2.8	1.4	.6					7.2	18.2
S	.6	1.4	.9	2.3	.5	1.1	.2					6.9	12.2
SSW	.5	1.2	.3	1.1	.5	.5						4.0	13.9
SW		.3		.2	.2							.6	10.5
WSW			.5									.5	9.3
W			.6	.2								.8	9.0
WNW	.3	.2	.3	.3								1.1	8.6
NW	.2	.2	.5		.2		.2					1.1	11.4
NNW	.3	.8	.3	.8		.3	.3	.3				3.1	14.9
VARBL													
CALM												10.0	
	4.9	9.5	14.0	26.2	19.4	12.9	2.6	.5				100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 650

1
3 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.0	3.2	1.9	1.8	.6	.2	.0			11.1	15.3
NNE	.7	1.5	2.8	5.8	5.7	4.2	.9	.1				21.8	16.2
NE	.4	.8	2.2	3.6	3.0	1.1	.2					11.3	14.5
ENE	.2	.6	1.1	1.8	.8	.3	.1					5.0	12.6
E	.3	.6	1.7	1.3	.7	.5	.1					5.2	12.3
ESE	.2	.6	1.0	1.1	.8	.5	.1					4.3	13.3
SE	.2	.6	1.3	1.4	.9	.8	.1					5.2	13.9
SSE	.2	.6	.8	1.8	1.4	1.1	.5	.0				6.5	16.3
S	.9	1.0	1.0	1.7	1.2	.9	.2					7.0	12.9
SSW	.3	.6	.4	1.0	.3	.1						2.7	10.9
SW	.3	.3	.1	.7	.1	.1						1.7	10.5
WSW	.1	.3	.2	.1	.0	.0						.7	8.2
W	.1	.4	.5	.1								1.1	6.6
WNW	.1	.3	.4	.1	.0							.9	7.8
NW	.1	.4	.5	.3	.2	.1	.0					1.7	10.9
NNW	.1	.4	.6	.7	.4	.3	.2	.3				3.0	15.8
VARBL													
CALM												10.8	
	4.9	9.8	16.6	24.7	17.5	12.0	3.1	.6	.0			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 5118

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0000-0200
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.9	3.1	2.9	.7	.1					10.2	13.7
NNE	1.0	1.1	5.1	5.6	3.9	1.1						17.8	12.7
NE	.7	1.0	3.1	6.6	2.9	.4						14.7	12.6
ENE	.5	1.5	3.1	3.2	1.6	.6						10.6	11.8
E	.6	2.2	2.2	2.6	.9	.4						9.0	10.4
ESE	1.0	1.1	2.6	.2	.1							5.1	7.2
SE	.4	.5	1.6	1.1	.7	.5						4.9	12.4
SSE	.6	1.7	1.4	.7								3.7	7.6
S	.5	.9	2.2	.9	.4							4.9	9.1
SSW	.4	.2	.4	.4								1.4	7.8
SW	.2	.2	.5	.1								1.1	7.2
WSW	.1	.2	.1									.5	5.0
W	.2		.5									.7	6.5
WNW	.5	.7	.1	.1								1.5	4.5
NW	.6	.5	.9	.2								2.2	6.5
NNW	.2	.6	.9	.2	.2							2.2	6.4
VARBL													
CALM												9.5	
	8.1	13.1	26.7	25.3	13.6	3.7	.1					100.0	10.0

TOTAL NUMBER OF OBSERVATIONS 603

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.7	2.9	2.0	1.0						9.3	13.5
NNE	1.2	.7	4.4	6.5	4.1	1.3						18.2	13.2
NE	.2	1.5	3.8	6.0	3.3	.7						15.7	13.0
ENE	.8	.7	2.5	3.7	1.1	.2						9.1	11.2
E	.5	3.2	2.4	2.3	1.2	.1						9.7	9.7
ESE	.5	.5	1.8	.6	.5							3.8	9.2
SE	.5	.5	1.2	1.0	.2	.1						3.5	9.8
SSE	.6	.8	2.2	1.1		.2						4.9	9.0
S	1.3	1.2	1.7	1.1	.4							5.6	7.6
SSW	.2	.2	.1	.5								1.1	7.4
SW	.4	.6	.4	.4								1.7	6.3
WSW	.1	.2										.4	4.7
W	.4	.6	.4									1.3	4.7
WNW	.4	.6	.1									1.1	4.1
NW	.2	.7	1.0									1.9	6.3
NNW	.5	.6	.2	.6	.4							2.3	8.7
VARBL													
CALM												10.9	
	8.1	13.9	23.8	26.4	13.2	3.7						100.3	9.8

TOTAL NUMBER OF OBSERVATIONS 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.6	2.2	3.1	2.4	1.3	.1					10.2	13.9
NNE	.5	1.9	4.1	7.2	4.4	1.2	.1					19.4	13.4
NE	.7	1.7	3.5	3.8	1.7	.7	.1					12.2	11.7
ENE	.2	.7	2.3	3.8	.8	.2						8.1	11.9
E	1.1	1.1	2.7	2.2	.2	.1						7.4	9.1
ESE	.4	.7	.6	1.0	.5	.1						3.2	10.6
SE	.5	.5	1.4	.8	.4							3.6	9.5
SSE	1.0	.6	1.0	1.2	.4							4.1	8.8
S	1.1	2.4	2.6	.8	.4							7.3	7.2
SSW	.7	.7	.8	.1								2.4	5.8
SW	.2	.7	.6									1.6	6.2
WSW	.1	.7	.2									1.1	5.1
W	.1	.3	.4									1.3	5.6
WNW	.5	.4										.8	3.6
NW	.4	.4	.4									1.1	5.7
NNW	.1	.4	.7	.8	.4							2.4	11.3
VARBL													
CALM												14.0	
	8.0	14.2	23.4	24.9	11.5	3.7	.4					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?21?0	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	1.3	4.4	2.3	1.3						10.3	13.8
NNE	.4	.6	3.2	8.4	4.1	.8	.5					17.9	14.3
NE	.1	1.2	3.2	5.4	1.0	.5						11.4	11.5
ENE	.2	.8	2.4	1.8	.4	.2	.1					6.3	10.9
E	.2	1.1	1.8	.6	.5							4.2	9.2
ESE	.4	.8	1.1	1.3		.1						3.7	9.7
SE	.6	1.7	1.1	.8	.6							4.8	8.9
SSE	1.2	1.0	2.3	.6	.2	.1						5.4	7.5
S	3.1	3.1	3.2	1.4	.2	.1						11.2	6.8
SSW	.8	1.7	.8	.4								3.7	5.6
SW	2.0	2.5	.2	.1								4.9	4.1
WSW	.7	1.0	.1									1.8	4.1
W	.5	1.1	.4									1.9	4.8
WNW	.5	.4	.4									1.2	4.9
NW		.2	.2	.5								1.0	9.9
NNW		.1	.6	.6	.5	.1						1.9	13.5
VARBL													
CALM												8.4	
	11.4	16.0	22.3	26.3	9.7	3.3	.6					100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.8	1.8	5.7	2.9	1.4						11.6	14.1
NNE	.2	1.1	3.8	8.1	3.9	1.7	.5					19.4	14.3
NE	.5	1.1	4.1	4.9	1.4	.2						12.2	11.4
ENE	.4	.4	2.4	1.4			.1					4.7	9.6
E	.4	.4	1.4	.7	.5							3.3	9.9
ESE	.7	.6	1.6	1.3	.2							4.4	8.9
SE	1.3	.5	1.0	.5	.4	.2						3.6	9.0
SSE	.4	1.2	1.8	1.0	.1	.1						4.5	8.7
S	2.0	3.2	3.1	2.0	.4							10.8	7.5
SSW	1.0	2.3	1.3	.5	.2							5.3	6.8
SW	1.6	1.6	1.3	.1								4.5	5.2
WSW	.6	1.3	.4									2.3	4.4
W	.7	1.2	.7									2.6	5.0
WNW	.1	.5	.2									.8	5.9
NW		.4	.1									.5	6.0
NNW		.1	.2	.6	1.0	.1						2.0	15.8
VARBL													
CALM												7.4	
	9.6	16.6	25.2	26.2	11.0	3.3	.6					100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 7120	CAPE ROMANZOF AFS AK	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	4.0	3.6	2.1	.9						11.4	13.0
NNE	.5	1.4	4.3	8.5	4.7	3.4	.4	.4				23.5	14.9
NE	.4	1.2	3.7	5.9	1.6	.4	.1					13.3	12.0
ENE	.1	.5	1.8	.6	.4							3.5	9.9
E		.6	1.8	.1								2.6	7.4
ESE	.3	.3	1.2	.5	.5							3.1	10.0
SE	.8	.4	1.7	1.2	.6	.1						4.8	10.4
SSE	.4	.6	2.1	.6		.4						4.1	9.6
S	1.3	1.6	3.1	1.6	.6							8.5	8.4
SSW	.5	2.5	1.3	.9								5.2	6.9
SW	1.9	1.3	1.0									3.6	5.3
WSW	.8	1.2	.5									2.5	4.9
W	.5	1.4	.3									2.2	5.1
WNW	.1	.6	.1									.9	5.4
NW		.1	.4									.5	7.0
NNW		.1	.4	1.2	.5	.1						2.3	14.1
VARBL													
CALM												8.0	
	7.5	14.9	27.6	24.8	11.0	5.3	.5	.4				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 21.0 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-84 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (LST)
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	3.5	2.8	1.2	.5	.2					9.3	11.5
NNE	1.0	1.8	4.7	9.0	7.0	3.2	.7					27.4	14.7
NE	.8	1.2	4.3	6.7	1.8	.8	.2					15.5	12.2
ENE	.5	.5	3.5	3.0	.3		.2					7.3	10.4
E	.2	1.0	1.8	.8	.2							4.0	8.9
ESE	.5	.5	1.2	.2	.5	.3						3.1	9.6
SE	.5	.3	1.5	.5	1.0							3.8	10.3
SSE	.7	.3	2.2	.5	.5	.2						4.3	9.2
S	1.8	.5	1.3	2.8	.7							7.2	9.5
SSW	.8	.7	1.0	.2								2.7	5.8
SW		1.5	1.0	.2								2.2	7.1
WSW	.3	.3	.3									1.5	5.3
W	.3	.5	.3									1.2	5.1
WNW		.5										.5	5.5
NW		.3										.3	4.5
NNW	.5	.2	.8	.7	.2							2.3	8.9
VARBL													
CALM												7.5	
	8.3	11.5	26.2	27.4	13.0	4.8	1.2					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible] CAPE ROMANZOF AFS AK — 74-8[illegible] — MAY

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 2100-2200

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	.8	1.[illegible]	2.[illegible]	[illegible].[illegible]	.9	.2						[illegible].5	1[illegible].[illegible]
NNE	.9	1.[illegible]	5.7	6.9	5.6	2.5	.2					23.5	17.7
NE	.5	1.3	4.7	7.4	2.4	.5	.2					17.1	12.3
ENE	.5	.6	2.4	3.3	.8	.2						7.7	11.7
E	.6	2.3	2.[illegible]	.9	.6	.2						6.5	[illegible].7
ESE	.2	.5	1.7	.5	.5							3.2	[illegible].[illegible]
SE	.3	1.[illegible]	.6	1.4	.6	.3						4.[illegible]	1[illegible].[illegible]
SSE	.2	.9	1.4	1.[illegible]	.6	.2						4.2	11.[illegible]
S	.9	.6	1.7	1.8	.9							5.9	1[illegible].2
SSW	.2	.6	.6	.3								1.7	7.[illegible]
SW	.5	.[illegible]	.6	.2								1.4	6.3
WSW			.2	.3								.5	12.[illegible]
W													
WNW		.[illegible]	.3									1.2	[illegible].5
NW	.3	.[illegible]	.3	.2								.9	[illegible].3
NNW	.2	1.1	1.1	.9								3.2	[illegible].[illegible]
VARBL													
CALM												9.8	
	6.7	13.5	25.4	28.1	12.8	4.4	.3					100.3	1[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS 665

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7 120	CAPE ROMANZOF AFS AK	77-81	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			ALL
CLASS			HOURS (LST)
CONDITION			

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	2.2	3.5	2.1	.9	.3					10.2	13.3
NNE	.7	1.3	4.4	7.5	4.6	1.8	.3	.0				20.6	13.9
NE	.5	1.3	3.7	5.8	2.7	.5	.1					13.9	12.2
ENE	.4	.7	2.5	2.6	.7	.2	.0					7.1	11.1
E	.5	1.5	2.0	1.3	.5	.1						5.9	9.4
ESE	.5	.7	1.5	.7	.3	.1						3.7	9.2
SE	.6	.3	1.3	.9	.5	.2						4.2	10.1
SSE	.6	.9	1.8	.9	.2	.1						4.4	8.8
S	1.5	1.8	2.4	1.5	.5	.1						7.7	8.6
SSW	.6	1.1	.8	.4	.2							2.9	8.6
SW	.8	1.0	.7	.1								2.7	5.4
WSW	.4	.7	.2	.0								1.3	5.2
W	.4	.7	.4									1.5	5.1
WNW	.3	.5	.2	.0								1.0	5.0
NW	.3	.4	.4	.1								1.1	6.7
NNW	.2	.4	.6	.7	.4	.0						2.3	11.0
VARBL													
CALM												9.5	
	8.4	14.6	25.0	25.1	11.9	4.0	.4	.0				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 6197

USAFETAC FORM 0-8 OLETE PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM H URLY OBSERVATIONS)

7[illegible]120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	.7	2.2	2.6	2.0	.7						9.5	12.2
NNE	.7	1.7	3.6	4.9	2.9	.6						14.4	12.1
NE	1.0	2.2	3.1	1.8	.8	.1						9.1	9.1
ENE	.4	.4	1.1	1.0	.1							3.1	9.0
E	1.3	.4	.4	.3	.3							2.6	6.7
ESE	.4	.3	.7	.4								1.8	6.9
SE	1.3	1.3	.7	.8	.6							4.5	7.8
SSE	.7	2.3	2.0	1.7	.3	.3						6.8	9.1
S	1.0	1.5	3.9	3.3	1.1	.6						11.4	10.7
SSW	.6	1.7	2.2	3.2	2.0							8.9	11.8
SW	.7	.8	1.0	1.1								3.6	8.2
WSW		.7	.3	.6	.1							1.7	9.7
W	.1	.1	.4	.1								.8	7.8
WNW		.4	.3	.1								.8	7.8
NW	.4	.3		.1								.8	5.0
NNW	.3	.1	.4	.1	.4	.1						1.5	11.7
VARBL													
CALM												15.4	
	10.0	13.9	22.3	22.3	10.6	2.4						179.3	8.4

TOTAL NUMBER OF OBSERVATIONS 717

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7.21.0	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.3	1.6	2.1	2.8	.1						8.6	12.3
NNE	1.2	3.1	2.1	3.6	3.7	.1						13.8	11.6
NE	.7	1.9	1.9	2.5	.8		.1					7.8	10.0
ENE	.5	1.3	1.1	1.1	.4	.1						4.5	9.3
E	1.2	1.5	.4	.7	.1							3.9	6.3
ESE	.1	.9	.7	.3	.1							2.1	7.3
SE	.5	1.1	1.1	1.1	.1							3.9	8.3
SSE	.5	.8	1.6	1.3	.4	.4						5.0	10.6
S	1.5	2.9	4.2	3.7	.8	.7						13.8	9.7
SSW	.8	1.6	2.1	2.3	.9	.1						7.8	10.1
SW	.1	1.9	1.5	1.5	.3							5.2	9.2
WSW	.3	.9	.3	.4								1.9	7.3
W	.4	.8	.1	.1								1.5	5.0
WNW	.3	.3	.3									.8	5.3
NW			.1	.4								.5	11.3
NNW	.4	.1	.1	.7	.1							1.5	10.3
VARBL													
CALM												17.4	
	9.2	20.3	19.1	21.6	10.6	1.6	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 753

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702100	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0600-0800 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.3	3.1	2.9	.4						8.6	14.1
NNE	1.2	2.0	3.6	4.0	3.3	.4						14.5	11.7
NE	.4	.5	1.7	1.8	.6							5.0	10.8
ENE	.4	.5	.8	.9	.3							2.8	9.2
E	.3	.8	.3	.4								1.7	7.3
ESE	.1	1.4	.6	.4								2.6	6.6
SE	.4	.5	1.9	1.3	.1							4.2	9.1
SSE	.9	1.4	1.0	1.4								4.7	7.7
S	1.8	3.7	4.2	4.1	.6	.9	.1					15.5	9.8
SSW	1.8	2.9	2.2	3.2	1.3	.4						11.8	9.6
SW	1.2	1.9	1.4	1.4	.3							6.1	8.0
WSW	.6	1.0	1.0	.3								2.9	6.0
W	.5	.5	.3									1.3	4.3
WNW	.1	.3	.5	.1								1.0	6.8
NW	.3	.3	.3	.1								.9	6.0
NNW	.4	.4	.8	1.0	.1							2.7	9.4
VARBL													
CALM												13.8	
	12.4	19.1	21.7	23.4	9.5	2.0	.1					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?2120	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	1.8	4.8	2.2	.8						10.0	14.0
NNE	.1	.6	1.9	5.7	2.4	1.1	.1					12.1	14.4
NE		.3	.9	1.5	.6							3.8	11.7
ENE		1.0	.1	.5								1.6	7.5
E	.4	1.3	.5									2.2	5.2
ESE	.4	1.1	.1									1.6	4.8
SE	.4	1.1	1.3	1.5	.1							4.4	9.0
SSE	1.0	1.1	1.3	2.2	.1							5.7	8.9
S	1.4	3.6	3.8	4.1	1.1	.6	.4					15.0	10.5
SSW	1.6	3.4	3.3	5.1	2.0	.5						16.0	10.4
SW	1.8	3.3	3.4	1.4								9.9	6.8
WSW	.9	1.1	.8	.3								3.0	5.8
W	.4	1.4	.6	.1								2.5	5.6
WNW	.3	.4	.3									.9	5.4
NW	.4	.3	.1	.1								.9	5.4
NNW	.4	.4	.8	2.0	.6							4.2	11.2
VARBL													
CALM												6.1	
	9.6	21.2	20.9	29.3	9.3	3.0	.5					100.0	9.6

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.7	4.7	2.3	1.7						12.9	13.6
NNE	.4	.4	.9	5.6	2.7	1.2	.3					11.4	15.1
NE	.3	.1	.9	.8	.5	.3						2.8	12.9
ENE		.3	.3	.1								.6	8.6
E	.1	1.2	.3	.1								1.7	6.2
ESE	.3	.5	.1									.9	4.9
SE	.5	.4	1.0	.9	.3	.1						3.2	9.6
SSE	.4	1.7	1.3	1.7	.4	.1						5.6	9.4
S	1.0	3.8	2.8	4.5	1.7	.8	.4					15.3	11.1
SSW	1.7	4.9	5.3	4.4	1.8	.6						18.9	9.8
SW	1.7	2.8	4.4	1.9	.1							11.0	7.2
WSW	.6	1.0	1.6	.4								3.6	6.6
W	.4	1.4	1.0									2.8	5.6
WNW		.5	.6									1.2	6.7
NW	.5	.1	.3	.3	.3							1.4	8.6
NNW	.1	.3	.3	1.7	1.0	.1						3.5	13.7
VARBL													
CALM												3.4	
	8.5	20.4	23.8	27.0	11.1	5.0	.6					100.3	10.3

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7:2120	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	2.9	5.4	2.1	1.0	.2					12.0	14.1
NNE	.2	.2	2.4	5.8	3.8	.8						13.1	14.8
NE	.2	.3	.3	.6	.5	.2						2.1	12.5
ENE	.2	1.1										1.3	4.5
E		1.0	.3									1.3	5.6
ESE		.2	.5	.2								.8	8.8
SE	.3	1.1	.8	1.3	.3							3.8	9.3
SSE	.8	1.1	1.6	1.9	.6							6.1	9.5
S	1.6	2.2	3.5	4.8	1.4	1.4	.6					15.7	11.9
SSW	2.1	3.2	4.5	2.4	1.1	1.0						14.3	9.2
SW	1.0	5.2	4.5	2.6	.5	.2						13.6	7.9
WSW	1.1	2.2	1.4	.2								5.0	5.4
W	.5	1.1	1.1									2.7	5.5
WNW		.5										.5	5.3
NW	.3	.6	.2	.2								1.3	5.3
NNW	.2	.3	.8	1.4	.6	.2						3.5	13.1
VARBL													
CALM												2.9	
	8.5	20.5	24.8	26.8	11.1	4.6	.8					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 624

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?2120	CAPE ROMANZOF AFS AK	73-74,76-91	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.5	2.9	3.6	.5	.5						8.3	11.7
NNE	.2	1.2	3.8	5.2	2.4	.2	.2					13.3	12.4
NE	.2	.2	2.1	2.1								4.8	10.0
ENE		.7	.5									1.2	6.4
E		.2	.7	.2								1.2	8.0
ESE	.2	.5	1.0	1.0	.2							2.9	9.8
SE	.7	1.0	.5	.7								2.9	6.9
SSE	.2	.7	2.1	2.4	.7							6.2	11.1
S	1.4	2.1	5.7	4.5	2.4	1.7	.5					18.3	12.3
SSW	.7	3.8	4.3	1.2	2.4	.5	.2					13.1	10.4
SW	1.4	3.1	2.4	2.1	.2	.2						9.5	8.3
WSW	1.2	1.7	.7	.5	.2							4.3	6.6
W	1.0	1.0										1.9	3.5
WNW	.2	.5	.2									1.0	5.5
NW		.2										.2	5.0
NNW		.5	1.0	1.0								2.4	10.2
VARBL													
CALM												8.8	
	8.1	17.9	27.8	24.5	9.0	3.1	1.0					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 421

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72212C	CAPE ROMANZOF AFS AK	74-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.3	3.1	2.0	.4	.2					9.1	12.5
NNE	.4	1.5	4.6	5.1	2.9	1.1						15.5	12.6
NE	.2	2.4	3.3	1.8	1.1							8.8	10.0
ENE	.4	.2	.7	.5								1.8	8.5
E	.4	.5	.2	.4								1.5	6.6
ESE	1.1	.7	1.1	.2								3.1	5.9
SE	.5	.5	1.1	.5	.2	.2						3.1	9.2
SSE	.7	1.6	2.9	2.0	.4							7.7	8.6
S	1.5	1.8	4.2	3.6	1.8	.9						13.9	10.9
SSW	1.1	1.1	3.8	3.5	2.0	.4						11.9	11.3
SW	.5	.5	1.3	.2	.2							2.7	7.5
WSW		.2	.2	1.1	.2							1.6	13.1
W	.7	.4	.4									1.5	4.4
WNW	.2	.7										.9	4.8
NW	.5	.5										1.1	3.3
NNW	.5	.2	.4	.5	.2	.2						2.0	10.5
VARBL													
CALM												13.9	
	9.5	14.4	25.4	22.6	10.9	3.1	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 568

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.8	2.0	3.7	2.2	.7	.0					10.0	13.2
NNE	.6	1.4	2.7	4.9	3.1	.7	.1					13.4	13.0
NE	.4	1.1	1.7	1.6	.6	.1	.0					5.5	10.4
ENE	.2	.7	.6	.6	.1	.0						2.2	8.5
E	.5	.9	.4	.3	.1							2.1	6.4
ESE	.3	.7	.6	.3	.0							1.9	6.8
SE	.6	.9	1.1	1.1	.2	.0						3.8	8.7
SSE	.7	1.3	1.6	1.8	.3	.1						5.9	9.3
S	1.4	2.8	4.0	4.1	1.3	.9	.2					14.7	10.8
SSW	1.3	2.8	3.4	3.3	1.6	.4	.0					12.9	10.2
SW	1.1	2.4	2.5	1.5	.2	.0						7.7	7.7
WSW	.6	1.1	.8	.4	.1							2.9	6.8
W	.5	.9	.5	.1								1.9	5.2
WNW	.1	.4	.3	.0								.9	6.1
NW	.3	.3	.1	.2	.0							.9	6.3
NNW	.3	.3	.5	1.1	.4	.1						2.7	11.6
VARBL													
CALM												10.7	
	9.3	18.7	22.8	24.8	10.3	3.1	.4					100.3	9.2

TOTAL NUMBER OF OBSERVATIONS 5406

1 GLOBAL CLIMATOLOGY BRANCH
3 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.5	1.3	2.3	1.3	.5						7.6	11.3
NNE	1.0	3.2	3.6	4.1	1.3							13.1	9.6
NE	1.8	3.3	3.2	4.2	1.1							13.6	9.3
ENE	.9	.8	2.3	1.8								5.7	8.2
E	.6	1.7	.9	.3								3.4	5.9
ESE	.6	.5	.5	.1								1.8	5.3
SE	.9	.9	1.0	.5								3.3	6.7
SSE	.6	.6	.9	1.3	.4							3.8	9.6
S	1.4	5.2	3.3	4.6	1.8							16.3	9.4
SSW	.5	2.8	2.0	2.3	1.1		.1					8.9	9.8
SW	.4	1.7	1.7	.4		.3						4.3	7.5
WSW		.6	.3									1.0	5.6
W	.3	.1	.1									.5	4.0
WNW		.4	.4									.3	6.5
NW	.4	.3										.6	3.4
NNW	.1	.4										.5	4.3
VARBL													
CALM												14.5	
	10.3	24.1	21.4	21.8	7.0	.8	.1					100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	.9	1.7	1.5	.9							6.0	9.8
NNE	1.2	2.1	2.9	5.0	1.3	.1						13.0	10.5
NE	1.5	1.8	1.8	3.3	.6	.2						10.9	9.6
ENE	.9	1.2	1.6	1.1								4.8	7.3
E	.2	1.7	1.8	.1	.1							4.0	6.9
ESE	.1	.9	1.0	.5								2.4	8.0
SE	.5	.7	1.0	.4								2.6	6.6
SSE	.6	1.2	1.2	1.1	.5							4.6	9.0
S	2.0	3.4	4.5	3.0	1.2	.2						14.4	8.7
SSW	.9	2.3	2.3	3.0	1.2	.4						10.1	10.4
SW	.7	2.1	1.0	.7	.2	.1						4.9	7.8
WSW	.5	.6	.2									1.3	4.6
W	.5	.5	.1									1.1	3.9
WNW	.5	.1	.1									.7	3.7
NW	.4	.4										.7	4.0
NNW	.1	.2	.1	.1								.6	6.4
VARBL													
CALM												17.8	
	11.6	20.5	23.0	19.9	6.1	1.1						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 212 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.5	1.6	3.0	.9							8.0	10.1
NNE	.1	.7	3.2	4.6	1.5							10.1	11.6
NE	.5	1.1	2.8	2.9	.4							7.8	9.3
ENE	.7	1.5	1.1	.6	.1							3.0	8.3
E	.5	.9	.7									1.6	5.7
ESE	.5	.4	.4									1.2	5.3
SE	.1	.5	1.1	.7								2.4	8.7
SSE	.7	1.7	1.7	1.8	.5							6.4	8.9
S	3.0	4.1	4.9	3.8	.6	.5						16.9	8.4
SSW	2.6	2.4	3.5	3.5	1.6	.5						14.3	9.3
SW	1.1	2.9	2.2	.5		.4	.1					7.2	7.3
WSW	.5	1.2	.6	.1								2.6	5.1
W	.6	.6										1.3	3.2
WNW	.6	.2	.1									1.0	3.5
NW	.6	.5	.1									1.3	4.3
NNW	.1	.4	.4	.1								1.0	6.9
VARBL													
CALM												13.4	
	13.0	27.1	24.8	21.8	5.5	1.3	.1					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 822

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

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0900-1100 (HOURS (LST))

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	2.2	2.7	1.2	.1						7.3	11.8
NNE	.2	.7	4.5	4.4	.9	.2						10.9	11.2
NE	.4	.1	.7	2.1	1.1							4.4	13.1
ENE	.1	.2	.2	.5								1.1	8.6
E	.2	1.3	.4	.1								2.1	5.6
ESE		1.3	.4	.3								1.8	6.7
SE	.2	1.1	.4	.4		.1						2.2	8.1
SSE	.9	.9	2.2	2.2	.1	.1						6.3	9.3
S	2.6	5.6	4.4	6.2	.9	.2						17.9	8.9
SSW	3.3	6.5	3.7	5.2	1.2	.5						20.1	8.4
SW	1.7	4.5	2.1	1.2	.1	.1						9.8	6.4
WSW	.9	2.1	1.6	.4								4.9	6.8
W	.5	1.3	.6	.1								2.5	5.7
WNW	.2	.1	.1									.5	4.8
NW	.1	.2	.7									1.1	6.8
NNW		.5	.7	.4								1.6	8.5
VARBL													
CALM												4.0	
	11.8	26.3	24.8	25.6	5.5	1.0						100.0	8.5

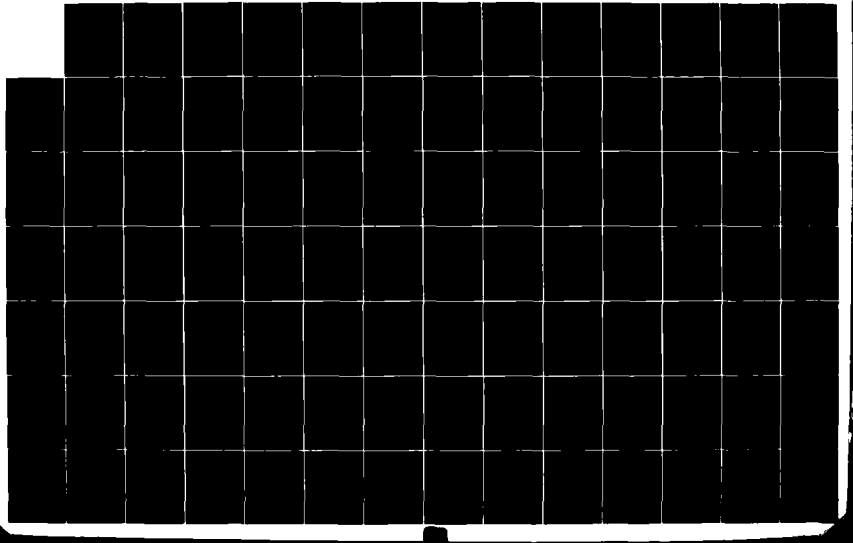
TOTAL NUMBER OF OBSERVATIONS 621

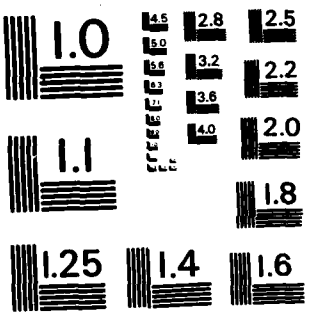
USAFETAC FORM [illegible]

AD-A130 206 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 374 F/G 4/2 NL

2/5





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	3.3	2.9	1.7	.7						10.8	11.5
NNE	.1	.6	3.1	4.2	1.6	.2						9.8	12.3
NE	.1	.4	.6	2.0	1.2	.2						4.5	13.9
ENE	.1		.4									.5	6.5
E	.1	.4	.2									.7	5.5
ESE		.9	.2	.1	.1							1.3	7.5
SE	.1	.7	.4	.2		.2						1.7	9.0
SSE	.1	1.0	2.2	1.2	.7							5.3	10.7
S	1.5	5.0	5.5	7.0	1.3	.1						20.4	9.8
SSW	1.7	4.2	6.5	5.0	2.1		.1					19.6	9.8
SW	2.1	5.6	3.5	1.0	.1							12.4	6.1
WSW	.5	1.3	2.0	.4								4.2	6.8
W	.5	1.8	.4									2.7	5.1
WNW	.1	.5	.5									1.1	6.2
NW	.1	.4	1.0	.1								1.6	7.6
NNW	.1	.4	1.0	.2								1.7	8.0
VARBL													
CALM												1.7	
	7.8	24.7	30.7	24.4	8.9	1.6	.1					100.3	9.4

TOTAL NUMBER OF OBSERVATIONS 817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.0	4.3	4.6	1.6	.3	.4					13.5	11.8
NNE	.3	.6	2.7	4.9	1.7	.3						10.5	12.9
NE		.4	1.1	1.3	.7	.3						3.9	13.4
ENE	.1	.6	.4	.1								1.3	7.2
E	.3	.4	.1									.9	6.8
ESE		.3	.4									.7	7.4
SE		.4	.6		.1	.1						1.3	10.3
SSE	.4	.4	.9	1.1	.3		.1					3.5	10.7
S	1.3	4.7	6.9	5.2	1.6							19.7	9.6
SSW	1.3	4.6	5.0	6.5	2.3	.3						20.3	10.4
SW	1.1	4.0	3.3	.6	.3							9.3	6.7
WSW	1.3	1.6	1.6									4.5	5.5
W	.7	1.9	1.6									4.2	5.6
WNW		1.0	.3		.1							1.4	7.3
NW			.6	.1								.7	9.2
NNW		1.1	.7	.3								2.2	7.5
VARBL													
CALM												2.7	
	7.2	24.1	30.6	24.7	8.8	1.3	.6					100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 696

1
3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7-2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.5	2.6	3.8	2.3		.6					10.9	13.0
NNE	.4	1.9	4.0	6.8	2.3							15.3	11.8
NE	.2	.9	1.5	4.1	2.1							8.9	12.5
ENE	.2	.6	.4									1.1	7.5
E	.4	.6	.4		.2							1.5	6.8
ESE	.2	.2										.4	3.5
SE		.4	.9									1.3	8.3
SSE	.2	.4	.8	.4								1.7	8.2
S	2.8	3.2	5.3	4.3	1.5							17.1	9.0
SSW	1.1	4.7	4.9	3.8	2.1	.2						16.8	9.9
SW	1.9	3.2	3.8	.2								9.0	5.9
WSW	.8	2.1	.2									3.0	4.1
W	.9	1.5										2.4	4.0
WNW	.4											.4	3.0
NW	.2	.8	.6									1.5	6.0
NNW	.9	.8	.4									1.5	5.5
VARBL													
CALM												7.2	
	10.2	22.6	25.6	23.4	10.4	.2	.6					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 531

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.7	2.1	3.0	.9	.3						8.2	11.6
NNE	2.4	3.3	4.4	5.0	1.9	.2						17.2	9.6
NE	1.4	1.7	2.8	6.0	1.1	.2						13.2	10.7
ENE	.6	.8	1.4	.8	.6							4.3	9.2
E	1.1	.6	.8									2.5	5.1
ESE	.2	.2	.5	.2								.9	8.0
SE		1.3	.6	.2								2.1	6.3
SSE	.2	2.1	1.7	.8	.3							5.0	8.5
S	1.4	3.6	3.9	3.5	1.9	.2						14.5	9.5
SSW	1.4	3.0	2.8	2.2	.5							9.9	8.3
SW	1.1	1.7	1.6	.5	.2							5.0	6.9
WSW	.3	1.1	.2									1.6	4.8
W		.9	.3									1.3	5.5
WNW		.3										.3	4.0
NW		.5	.3									.8	6.0
NNW	.2	.3		.3								.8	7.8
VARBL													
CALM												12.3	
	10.4	23.2	23.5	22.4	7.4	.8						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.4	2.9	1.3	.3	.1					8.9	11.4
NNE	.7	1.6	3.5	4.8	1.5	.1						12.3	11.1
NE	.7	1.2	2.1	3.1	1.0	.1						8.3	10.8
ENE	.4	.6	1.0	.6	.1							2.8	8.0
E	.4	1.0	.7	.1	.0							2.2	6.0
ESE	.2	.6	.4	.2	.0							1.4	6.8
SE	.3	.8	.7	.3	.0	.1						2.2	7.7
SSE	.5	1.0	1.5	1.3	.4	.0	.0					4.7	9.4
S	2.0	4.4	4.8	4.7	1.3	.2						17.5	9.1
SSW	1.7	3.8	3.8	3.9	1.5	.2	.0					15.0	9.5
SW	1.2	3.3	2.3	.6	.1	.1	.0					7.7	6.7
WSW	.6	1.3	.9	.1								2.9	5.6
W	.5	1.0	.4	.0								2.0	4.9
WNW	.2	.3	.2		.0							.8	5.3
NW	.2	.4	.4	.0								1.0	6.0
NNW	.1	.5	.4	.2								1.2	7.3
VARBL													
CALM												9.3	
	10.4	23.3	25.5	22.9	7.3	1.1	.2					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 5926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.6	2.7	2.7	.4							8.7	9.3
NNE	.9	2.6	3.9	3.0	.9	.3						11.6	9.7
NE	1.4	2.3	3.8	3.5	.5	.1						11.7	9.3
ENE	1.0	1.8	1.6	.6								5.1	6.6
E	1.3	.9	2.1	.3								4.5	6.4
ESE	.6	1.0	.1	.5								2.3	5.8
SE	.6	.9	1.3	.9								3.8	8.0
SSE		1.0	1.7	1.2								3.9	8.9
S	.6	3.4	5.3	4.5	1.9	.3	.1					16.2	10.8
SSW	.5	.6	2.2	1.4	1.0	.1						6.3	11.0
SW	.6	1.0	1.0	.9	.1	.1	.3					4.2	10.0
WSW	.3	.8	.1	.3								1.4	5.9
W	.3	.8	.4	.3								1.7	6.6
WNW		.5										.5	4.5
NW	.4	.4										.8	3.3
NNW	.1	.3	.3	.3	.3							1.2	10.7
VARBL													
CALM												16.5	
	10.1	20.0	26.5	20.4	5.2	.9	.4					100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 770

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.1	3.6	3.5	.3	.3						9.9	9.8
NNE	1.1	1.9	3.8	2.9	1.0	.3						10.9	9.9
NE	1.5	3.1	4.1	2.3	.5							11.5	8.0
ENE	1.3	1.5	1.3	.5								4.5	6.0
E	1.3	1.4	1.9	1.0								5.5	7.1
ESE	.4	.5	.1									1.0	4.6
SE	.5	1.1	1.3	1.0	.1							4.0	8.4
SSE	.9	1.3	1.9	1.9	.5							6.4	9.3
S	1.3	3.4	3.9	3.6	1.9	.4						14.4	10.2
SSW	1.4	1.3	2.0	2.6	.9	.5						8.6	10.4
SW	.1	1.3	1.0	.5	.1		.3	.1				3.4	10.6
WSW	.6	.5	.6	.3								2.0	6.2
W	.4	.5	.5									1.4	5.5
WNW		.1										.1	6.0
NW	.5	.4										.9	3.6
NNW	.3		.4	.1	.1	.1						1.0	11.4
VARBL													
CALM												14.6	
	12.5	19.3	26.3	20.1	5.4	1.5	.3	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 800

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	2.1	3.1	.8	.2	.1					7.8	10.6
NNE	.7	2.7	3.8	4.6	1.6	.1						13.2	10.6
NE	.4	2.1	2.5	2.1	.2							7.3	8.8
ENE	.4	1.4	.6	.2								2.6	5.8
E	1.1	1.5	.6	.4	.1							3.7	5.6
ESE	.1	.5	1.0	.4								2.0	8.5
SE	1.2	1.2	1.2	1.9	.2							5.8	8.1
SSE	.5	1.2	1.1	2.4	.2							5.5	10.0
S	1.0	3.5	3.9	3.6	1.2							13.2	9.7
SSW	1.5	1.1	3.7	2.9	.6	.7						10.6	10.6
SW	1.0	1.4	1.1	1.0		.1	.2					4.9	8.5
WSW	.5	1.2	.4	.1								2.2	5.5
W	.7	.6	.4									1.7	4.6
WNW	.5	.6										1.1	3.2
NW	.1	.2	.2									.6	6.0
NNW		.4	.7	.6		.4						2.1	12.4
VARBL													
CALM												15.5	
	10.3	21.1	23.0	23.3	4.7	1.6	.4					100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 804

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.4	3.1	3.1	1.4		.2					10.7	10.7
NNE	.5	1.6	3.6	5.1	1.5	.5						12.8	11.6
NE	.6	1.2	1.5	1.1	.6	.1						5.2	9.9
ENE	.5	.6	.4	.1	.1							1.7	6.9
E	.4	1.1	.4	.2	.1							2.2	6.6
ESE	.7	1.2	.2									2.2	4.6
SE	.5	1.0	1.4	1.1	.2							4.2	8.6
SSE	.1	1.0	1.5	3.2	.5							6.3	11.4
S	1.7	3.0	5.0	4.5	1.4							15.5	9.5
SSW	1.1	3.2	4.0	4.8	.9	.1	.4					14.5	10.1
SW	1.6	3.6	1.2	.4	.2	.4						7.4	7.0
WSW	1.5	1.7	1.1	.2								4.6	5.1
W	1.1	2.6	.2	.1								4.1	4.5
WNW	.4	.1		.1								.6	4.8
NW		.2	.1	.4		.1						.9	11.0
NNW	.2	.2	.5	.2	.4							1.6	10.6
VARBL													
CALM												5.5	
	11.5	24.9	24.2	24.8	7.3	1.2	.6					100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.4	3.1	4.7	2.2	.4	.1	.1				12.5	12.7
NNE	.5	1.0	2.4	5.4	1.7	.5						11.5	12.3
NE	.1	.8	.9	1.7	.3	.4						4.2	11.6
ENE	.4	.7	.4	.5								2.0	7.5
E	.4	.5	.4		.1							1.4	6.5
ESE		.3	.8									1.0	7.8
SE	.4	.7	1.2	.9	.5							3.7	10.0
SSE	.3	1.3	1.6	2.9	.3	.3						6.5	10.4
S	1.4	2.0	6.0	5.6	2.0							17.0	10.5
SSW	1.4	3.0	3.4	4.1	1.2		.3					13.3	9.7
SW	1.6	3.5	2.0	1.2	.3	.3						8.8	7.5
WSW	1.7	2.7	1.3	.1								5.9	5.5
W	1.6	.8	.9	.4								3.7	5.6
WNW	.4	.4	.1									.9	4.4
NW		.5	.3									.8	6.0
NNW	.5	.8	.4	.9								2.6	7.9
VARBL													
CALM												4.2	
	11.1	20.4	25.1	28.4	8.5	1.8	.4	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.4	3.8	4.8	2.5	1.0		.2				13.6	13.2
NNE	.5	.8	2.1	5.5	2.1	.2						11.1	12.8
NE		.6	1.9	1.3	.5	.5						4.8	11.7
ENE	.6	.6	1.0									2.2	5.9
E	.3	.8	.3	.2								1.6	6.3
ESE	.2	.5	.3									1.0	5.5
SE	.2	.5	1.1	1.7	.2							3.6	11.1
SSE	.8	1.0	1.1	1.7	.2	.5						5.2	10.6
S	1.3	1.9	4.3	5.9	2.1	.2						15.5	11.0
SSW	1.4	3.3	3.8	4.8	.6							13.9	9.3
SW	2.1	3.2	1.7	.6	.3	.2						8.1	6.7
WSW	1.9	1.1	1.0	.3								4.3	5.1
W	1.0	1.1	1.1									3.2	5.5
WNW	.6	.3	.3	.2								1.4	5.1
NW	.2	.3	.6									1.1	6.7
NNW		.6	1.4	.5	.2				.2			2.9	11.6
VARBL													
CALM												6.5	
	10.9	18.1	25.8	27.4	8.6	2.4		.2	.2			100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-74,77-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1800-2000
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	.4	1.1	5.1	7.6	2.3	.4		.2				17.0	12.2
NNE	.8	1.3	4.9	5.7	2.5	.6						15.7	11.8
NE	.4	1.7	2.1	1.7	.6	.2						6.6	9.7
ENE	.4	1.1	.2									1.7	5.0
E	.6	.6										1.1	3.2
ESE	.2		.2									.4	5.5
SE	.4	.9	.6	1.9	.4							4.2	10.6
SSE	.4	.6	2.3	.8	.6	.4						4.9	10.7
S	1.1	2.5	4.5	3.4	2.3	.2						14.0	10.3
SSW	1.3	2.8	1.9	2.6	.2	.2						9.1	8.4
SW	1.1	1.1	1.3	1.3	.8							5.7	9.4
WSW	.8		.4									1.1	4.3
W	.6	.6		.2								1.3	4.6
WNW	.6	.2	.2									.9	4.2
NW	.8	.4										1.1	3.0
NNW	.4	.4	.8	.4								1.9	7.8
VARBL													
CALM												13.2	
	10.0	15.3	24.4	25.5	9.5	1.9		.2				100.0	8.8

TOTAL NUMBER OF OBSERVATIONS 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 7120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.5	5.5	1.0							13.9	10.3
NNE	1.2	2.3	5.5	2.7	2.3	.3						14.4	10.5
NE	2.0	2.3	3.8	4.7	.5							13.4	9.2
ENE	.8	1.2	.8	.7								3.5	6.6
E	.8	1.2	.3	.2								2.5	4.9
ESE	.8	.7	.7									2.2	5.2
SE	.3	.3	.8	1.7								3.2	9.9
SSE		1.7	1.7	1.7	1.3							6.4	10.9
S	.8	1.5	4.3	3.5	1.5	.5						12.2	11.1
SSW	.5	1.3	2.0	1.7	.5							6.0	9.1
SW	.5	1.0	.5	1.3	.3	.2						3.8	10.0
WSW	.2	.2	.2	.3								.8	9.0
W	.2	.2	.2	.2								.7	7.0
WNW	.3	.2										.5	3.3
NW	.2		.2		.2							.5	10.0
NNW	.5	.2	.7	.3								1.7	7.6
VARBL													
CALM												14.4	
	10.0	16.2	26.3	24.4	7.7	1.0						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 598

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.6	3.4	4.2	1.2	.3	.1	.1				11.4	11.2
NNE	.8	1.8	3.6	4.3	1.6	.3						12.5	11.1
NE	.8	1.8	2.6	2.3	.5	.2						8.1	9.4
ENE	.7	1.1	.8	.4	.0							3.0	6.3
E	.8	1.0	.8	.3	.1							3.0	6.2
ESE	.4	.6	.4	.1								1.6	6.0
SE	.5	.9	1.1	1.3	.2							4.1	9.1
SSE	.4	1.1	1.6	2.0	.4	.1						5.7	10.3
S	1.2	2.7	4.7	4.3	1.8	.2	.0					14.8	10.3
SSW	1.2	2.1	2.9	3.1	.8	.2	.1					10.4	9.9
SW	1.1	2.1	1.2	.9	.2	.2	.1	.0				5.8	8.2
WSW	.9	1.1	.6	.2								2.9	5.5
W	.7	.9	.5	.1								2.3	5.3
WNW	.3	.3	.1	.0								.8	4.3
NW	.2	.3	.2	.1	.0	.0						.8	6.0
NNW	.2	.4	.6	.4	.1	.1			.0			1.8	10.0
VARBL													
CALM												11.3	
	10.9	19.8	25.2	29.1	8.9	1.5	.3	.1	.0			100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 5734

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		2.1	2.9	4.7	1.7	.5		.4				12.2	13.0
NNE	1.4	1.9	4.5	5.6	4.3	3.8	.6	.5				22.7	15.0
NE	1.2	2.2	3.1	2.9	1.4	.3						11.0	9.8
ENE	1.2	1.4	1.9	.8	.1							5.4	7.3
E	.9	1.0	.8	.5		.1						3.4	7.1
ESE	.4	1.0	.4	.3								2.1	6.1
SE	.5	1.0	1.4	.9	.1	.5						4.5	10.0
SSE	.3	1.3	1.6	1.6	.6	.1	.3					5.7	11.4
S	.3	.8	1.6	3.2	2.1	.9	.1					8.9	13.9
SSW	.5	.5	.9	1.0	.6	.1						3.8	11.1
SW	.3	.3	1.0	.6	.1							2.3	9.4
WSW		.4	.1	.4								.9	8.9
W	.1	.4	.9	.6								2.1	8.8
WNW	.1	.3	.3	.8								1.4	10.6
NW		1.0	.5	.5	.3	.4						2.7	11.6
NNW	.4	.4	.9	.5	.3							2.5	9.1
VARBL													
CALM												8.3	
	7.5	16.1	22.8	24.9	11.7	6.7	1.0	.9				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.7	2.5	3.2	2.1	1.2						11.0	13.1
NNE	1.0	2.4	4.4	4.6	4.9	2.5	1.4	.6	.1			21.8	15.5
NE	1.4	2.9	3.2	3.7	.4	.2	.1					12.0	9.5
ENE	.5	1.9	1.9	1.5								5.7	7.8
E	.5	1.6	.9	.4								3.4	6.3
ESE	.4	1.1	1.0	.2								2.7	6.5
SE	.6	1.2	1.5	.7	.2	.2						4.6	9.3
SSE	.7	.5	1.9	1.7	.4	.2	.1					5.6	10.6
S	.4	.7	2.2	2.9	1.1	1.2	.1					8.7	13.2
SSW	1.0	.2	.9	1.9	.4	.4	.2					5.0	11.9
SW		.2	1.1	.7								2.1	10.2
WSW		.2	1.0									1.2	8.0
W	.2	.5	.4	1.0	.1							2.2	9.3
WNW	.4	.1	1.0	.2	.1							1.9	8.1
NW	.1	1.1	.7	.2	.1	.4						2.7	9.5
NNW		.5	.4	.5	.1							1.5	10.0
VARBL													
CALM												7.6	
	7.4	17.1	25.0	23.7	10.0	6.5	2.0	.6	.1			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

732120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	2.9	3.9	2.5	.9		.1				11.9	13.1
NNE	1.1	1.8	6.0	6.1	5.4	.9	1.4	.5	.3			23.4	14.5
NE	1.9	2.5	2.8	3.9	.4	.5						11.9	9.2
ENE	.1	.6	1.5	.8								3.0	8.5
E	.4	1.3	1.9	.4	.1							4.0	7.8
ESE	.6	1.0	1.3	.1								3.0	6.2
SE	.4	1.6	1.3	.6	.1	.4						4.4	8.9
SSE	.6	.6	.6	1.8	.4	.8						4.8	12.6
S	.8	.9	1.3	3.5	1.5	.5	.1					8.5	12.6
SSW	.6	.6	.9	2.0	.5	.1	.1					4.9	11.5
SW	.5	1.0	.5	.6	.1							2.8	7.4
WSW	.4	.5	1.0									1.9	6.5
W	.1	1.1	1.3	.4	.1							3.0	7.8
WNW	.4	.8	.3	.1	.1							1.6	7.2
NW	.4	.5	.1	.5		.4						1.9	10.9
NNW	.1	.3	.8	.5		.3	.1					2.0	12.1
VARBL													
CALM												7.3	
	9.0	16.0	24.1	25.1	11.3	4.6	1.8	.6	.3			100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	3.1	5.7	2.5	1.4	.9					14.7	14.5
NNE	.4	1.4	5.2	8.0	4.2	1.6	.4	.9				22.0	14.7
NE	.2	.6	3.0	2.6	1.0	.2						7.7	11.7
ENE	.2	.7	1.4	.5								2.9	8.2
E	.1	1.0	.4	.4	.2							2.1	8.6
ESE	.5	.4	.6			.1						1.6	6.9
SE	.4	.6	1.1	.7	.4	.1						3.4	10.1
SSE	.4	1.0	1.2	.7	.9		.2					4.5	11.1
S	1.0	1.4	1.9	3.1	2.1	.7	.1					10.3	12.3
SSW	.9	2.5	2.7	2.1	.6	.2						9.1	9.2
SW	1.1	1.7	2.5	.9	.1	.1						6.5	7.8
WSW	.2	.2	.6	.2								1.4	7.1
W	.5	.7	.5	.5								2.2	6.8
WNW	.1	.6	.4	.1	.1	.2						1.6	9.9
NW	.1	.6	.6	.2	.1	.4						2.1	11.6
NNW		.6	1.2	.5	.1	.4						2.9	11.3
VARBL													
CALM												5.0	
	6.5	15.1	26.5	26.4	12.5	5.6	1.6	.9				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.9	4.1	7.0	3.8	1.4	.3	.3				18.0	14.2
NNE	.4	1.3	3.3	6.1	5.4	1.7	.9	.9				19.9	16.1
NE	.3	1.4	2.2	2.8	.5	.3	.4					7.8	11.8
ENE	.1	.4	.5	.3	.1							1.4	8.8
E	.1	.5	.1	.6	.1							1.5	10.2
ESE	.4	.1	.6	.1								1.3	7.5
SE	.1	.4	.4	.6	.3							1.8	10.9
SSE	.1	.6	1.3	1.4	.9	.3						4.6	12.6
S	.5	2.0	2.6	3.6	.9	1.2	.1	.1	.1			11.1	12.6
SSW	.6	1.7	3.1	2.9	.8	.1						9.2	10.2
SW	.4	1.8	1.3	1.3	.9	.1						5.8	9.9
WSW	.1	1.7	.5	.1	.1							2.6	6.4
W	.5	1.9	.6	.6								3.7	6.9
WNW	.1	1.0	.5	.1	.4							2.2	9.1
NW	.1	.5	.5	.9	.5	.1						2.7	11.9
NNW	.3	.3	.9	.8		.1						2.3	10.2
VARBL													
CALM												4.1	
	4.5	16.5	22.5	29.4	14.7	5.2	1.7	1.3	.1			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	3.1	7.2	2.3	1.3	.4	.1				16.7	13.6
NNE	.4	1.6	3.6	8.7	5.3	2.6	1.6	.6	.3			24.5	16.3
NE	.9	.7	1.6	2.7	1.0							6.9	10.8
ENE	.4	.4	.6	.3	.1							1.9	7.2
E		.1			.1	.1						.4	15.7
ESE	.1	.7	.3	.4	.1							1.7	8.2
SE	.6	.9	.3	.7	.3	.1						2.9	9.2
SSE	.3	.3	1.6	1.9	1.1	.6						5.7	13.2
S	.4	1.1	1.4	3.0	1.6	.9	.1			.3	.1	9.0	15.5
SSW	1.1	1.6	2.9	1.6	.3							7.4	8.5
SW	1.1	1.0	2.0	1.9	.4							6.4	8.7
WSW	.4	.3	.6	.3								1.6	7.3
W	.3	1.6	.1	.1								2.1	5.5
WNW	.4	.4	1.1	.6	.1							2.7	8.5
NW	.3	1.4	.6	.1	.4	.7						3.6	10.9
NNW	.3	.6	.9	.6			.1					2.4	9.7
VARBL													
CALM												4.0	
	7.9	14.3	20.6	30.0	13.3	6.3	2.3	.6	.3	.3	.1	100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.8	3.7	4.7	1.8	.6						12.6	11.8
NNE	.4	2.3	4.9	6.8	3.3	3.9	.2	.8				22.6	15.1
NE	.4	3.3	3.1	3.3	.8	.2						11.1	9.5
ENE	.4	.4	1.0	.4								2.1	7.0
E	.6	.2	1.2	1.0	.2							3.1	9.6
ESE	.6	.4	.4	.2								1.6	5.6
SE		1.9	1.4	.8	.8	.6						5.4	11.1
SSE	.6	.8	1.6	.8	1.4	.6	.4					6.0	13.2
S	.2	2.1	1.2	1.6	1.4	1.0	.2					7.6	12.6
SSW		.4	2.3	1.6	.2	.6	.4			.2		5.6	15.0
SW	.2	.4	1.0	1.8								3.3	10.5
WSW	.6	.4	.4									1.4	5.1
W	.2	1.4	1.0	.2								2.7	6.9
WNW	.4	.4	.4	.2	.2							1.6	7.6
NW		.4	.4	1.0	.6	1.0						3.3	15.9
NNW	.6	1.6	.8	.6	.2	.6						4.3	9.6
VARBL													
CALM												5.6	
	5.3	18.1	24.5	24.7	10.7	8.9	1.2	.8		.2		100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.4	3.2	5.6	1.9	.8	.2					14.3	12.2
NNE	1.2	3.0	3.9	7.4	3.7	2.4	.5	1.2	.2			23.4	14.7
NE	1.7	2.4	4.0	3.4	.7		.2					12.3	9.1
ENE	.5	1.9	1.5	.8								4.7	7.2
E	.7	.8	.8	.5	.2							3.0	7.9
ESE	.7	2.0		.3		.2						3.2	6.4
SE	.3	.8	1.2	1.2	.7		.2					4.4	11.0
SSE	.7	1.2	.8	1.2	1.3	.5	.5					6.2	13.4
S	.5	.7	1.7	2.7	.3	1.5						7.4	13.4
SSW	.2		.8	.8	1.2	.2						3.2	13.9
SW	.2	.8	.2	1.3								2.5	9.5
WSW	.5	.5	.3									1.3	5.3
W	.2	.7	.7	.3								1.9	7.5
WNW	.5	.2	.7	.2			.2					1.7	9.3
NW	.2	.8	.8	1.2	.8	.2	.2					4.2	12.8
NNW	.2	.3	.5	.3	.2							1.5	9.9
VARBL													
CALM												4.7	
	8.4	18.5	21.2	27.3	10.9	5.7	1.9	1.2	.2			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

ALL
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.5	3.2	5.2	2.4	1.0	.2	.1				13.9	13.4
NNE	.8	1.9	4.5	6.6	4.6	2.3	.9	.7	.1			22.5	15.2
NE	1.0	1.9	2.8	3.2	.8	.2	.1					10.0	10.0
ENE	.4	1.0	1.3	.7	.1							3.4	7.7
E	.4	.9	.7	.5	.1	.0						2.6	8.1
ESE	.5	.8	.6	.2	.0	.0						2.2	6.6
SE	.4	1.0	1.1	.8	.3	.2	.0					3.9	10.0
SSE	.5	.8	1.3	1.4	.8	.4	.2					5.3	12.2
S	.5	1.2	1.8	3.0	1.4	1.0	.1	.0	.0	.0	.0	9.1	13.2
SSW	.7	1.0	1.8	1.8	.6	.2	.1			.0		6.1	10.8
SW	.5	.9	1.2	1.1	.2	.0						4.3	8.9
WSW	.3	.5	.6	.1	.0							1.5	6.8
W	.3	1.0	.7	.5	.0							2.5	7.4
WNW	.3	.5	.6	.3	.1	.0	.0					1.8	8.8
NW	.2	.8	.5	.6	.3	.4	.0					2.8	11.8
NNW	.2	.5	.8	.5	.1	.2	.0					2.4	10.3
VARBL													
CALM												5.9	
	7.1	16.3	23.5	26.4	11.9	6.1	1.7	.9	.1	.1	.0	100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 5764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.1	2.5	4.7	3.3	1.2	1.7	.6				16.1	16.1
NNE	1.6	2.4	4.0	6.3	2.9	.8	.5	.1				18.7	12.5
NE	1.5	1.6	2.9	4.0	2.4	2.4	1.2	.2				16.3	14.8
ENE	.4	1.0	1.7	2.7	.7	.4	.2	.1				7.2	12.8
E	1.0	1.5	1.5	2.1	.1							6.1	8.6
ESE	.1	.8	1.9	1.0								3.9	8.7
SE	1.3	.6	1.5	.8	.5							4.7	8.2
SSE	.5	.4	.7	1.1	.2							2.9	9.4
S	.2	.8	.7	1.0	.8							3.6	10.5
SSW	.4	.5	.2	.2	.1	.1						1.6	9.0
SW	.1	.6	.6	.1	.2							1.7	8.4
WSW	.1	.1	.1	.4								.7	9.0
W		.1	.4	.2	.1							.8	10.1
WNW	.1	.5	.1	.1	.1	.1						1.1	9.9
NW		.4	.4	.5	.2							1.5	11.0
NNW	.1	.1	.6	1.0	.4	.7	.1	.2	.1			3.4	18.4
VARBL													
CALM												9.7	
	8.4	12.5	19.9	26.2	12.3	5.8	3.8	1.3	.1			100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 824

1
3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?2120	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	2.6	5.0	3.1	1.4	1.0	1.0	.1			16.0	16.4
NNE	1.6	1.7	3.8	6.5	3.0	1.1	.4					17.9	12.7
NE	1.3	3.1	2.7	3.6	2.3	2.5	1.6	.4				17.4	14.7
ENE	.7	1.4	1.2	1.9	.4	.7	.4					6.7	12.0
E	1.0	1.2	1.1	1.8	.4	.1						5.5	9.2
ESE	.8	1.6	1.4	1.3	.1							5.3	7.7
SE	.2	1.0	1.1	.7								3.0	8.1
SSE	.5	.6	1.1	.5	.7							3.3	9.9
S	.7	.8	.7	.7	.5	.1						3.6	9.6
SSW	.2	.5	.7		.1							1.6	7.4
SW		.1	.1	.1	.4							.7	13.2
WSW		.2		.1	.2							.6	11.4
W	.2	1.1	.6									1.9	5.7
WNW	.2	.4	.7									1.3	6.4
NW	.2	.6	.6	.5	.5	.1						2.5	10.9
NNW	.1	.5	.2	.7	1.0	.5	.2	.1				3.3	16.4
VARBL													
CALM												9.3	
	8.5	15.9	18.8	23.4	12.5	6.6	3.5	1.4	.1			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72120	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	2.0	3.2	4.1	3.0	1.9	1.0	.5	.1			16.2	15.3
NNE	1.1	2.3	2.6	5.3	4.2	.5	1.0					16.6	13.6
NE	.8	1.7	4.2	4.1	3.5	2.5	1.7	.6				19.3	15.7
ENE	.2	1.2	1.6	1.9	1.2	.1		.2				6.5	12.3
E		1.2	.8	1.4	.6	.2	.1					4.4	11.6
ESE	.4	.5	1.4	1.1	.2							3.6	9.8
SE	.5	.4	1.6	1.6								3.9	9.7
SSE		.2	.6	1.1	.1	.1						2.2	12.6
S	.2	1.1	.5	.7	.7	.2						3.5	10.8
SSW	.2	.4	.2	.2	.1							1.2	8.3
SW		.5	.4	.2	.1							1.2	8.9
WSW		.5	.5	.6	.1							1.7	10.5
W	.2	.2	.7	.4								1.5	8.2
WNW	.1	.4	.1		.1							.7	7.3
NW	.1	.2	.8	.7			.1					2.3	11.1
NNW	.1	.8	.2	.7	.7	.7	.2					3.6	15.0
VARBL													
CALM												12.2	
	4.5	13.3	19.5	24.0	14.7	6.3	4.1	1.3	.1			100.3	11.7

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7[illegible]2[illegible]	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.8	3.5	4.7	3.2	2.5	1.1	.2	.1			17.4	5.3
NNE	1.2	1.7	3.0	4.9	4.3	2.4	.2	.1				17.8	14.4
NE	1.3	1.4	3.6	3.2	2.7	1.9	1.2	.7				16.1	15.4
ENE	.4	.4	1.6	2.9	.5	.2	.2	.1				6.2	13.3
E	.2	.4	1.2	1.6	.7	.4	.1					4.5	12.9
ESE		.1	.7	.4	.4							1.6	12.0
SE	.4	.7	1.1	1.6	.1							3.8	10.0
SSE	.5	.7	.7	1.3	.2							3.5	9.3
S	.6	.6	.8	1.8	.8	.1						4.8	11.1
SSW	.4	.4	.7	.1	.1							1.7	7.5
SW	.2	.5	.5	.2								1.4	7.3
WSW	.1	.5	.5	.2								1.3	7.5
W	.6	1.1	1.0	.2								2.9	6.2
WNW	.2	.6	.4									1.2	5.7
NW	.2	.4	.7		.1	.2						1.7	10.1
NNW	.1	1.0	.4	.8	1.3	.6						4.2	14.2
VARBL													
CALM												9.9	
	6.8	12.1	20.2	23.9	14.6	8.4	2.9	1.2	.1			100.3	11.9

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7212	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.4	4.5	5.5	3.5	2.9	.8	.7				20.2	15.3
NNE	.8	.8	3.0	5.6	4.2	2.4	.6	.1				17.6	15.1
NE	.2	1.3	1.9	3.8	1.4	1.8	.8	1.1	.2			12.7	17.4
ENE		.2	1.6	2.2	1.2	.1						5.3	13.3
E	.5	.6	.7	1.4	.8	.1	.2					4.4	12.9
ESE	.1	1.1	.7	.6	.6							3.1	9.7
SE	.4	.6	.7	.5	.5	.1						2.8	10.2
SSE	.1	.8	.7	.6	.5	.1						2.9	10.8
S	1.1	1.1	1.8	2.3	.6	.1						6.9	10.0
SSW	.2	.8	.7	.2	.2							2.3	8.5
SW	.7	.7	.6	.1								2.2	5.5
WSW	.4	.5	.2									1.1	4.4
W	.2	1.1	.7	.1								2.2	6.5
WNW	.2	.4	1.0									1.6	6.4
NW	.5	.7	.6	.1	.4	.4	.1					2.8	11.4
NNW	.1	.6	1.2	1.4	1.4	.5	.4					5.6	14.7
VARBL													
CALM												6.6	
	6.5	12.8	20.7	24.5	15.3	8.5	3.0	1.9	.2			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

72123	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.8	3.2	6.4	3.5	2.8	1.0	.5				19.7	15.6
NNE	1.3	1.5	4.4	5.2	4.0	2.7	.9	.1				20.1	14.4
NE	.8	.8	2.4	3.7	3.6	2.4	.6	.9	.4			15.6	17.4
ENE	.9	.5	.4	1.5	.9	.1	.1					4.5	12.1
E	.4	.6	.9	1.4	.8	.1	.3					4.5	12.3
ESE	.1	.4	.6	.3	.3							1.7	10.0
SE	.8	.1	1.5	.9	.5							3.8	10.1
SSE	.4	.4	.6	.9	.5							2.8	10.8
S	.6	.6	.9	1.3	.8	.4						4.6	11.6
SSW	.5	.4	1.2	.3	.1							2.6	7.2
SW		.1	.1	.4								.6	10.6
WSW	.1	.5	.3									.9	5.1
W	.3	.4	.5	.3								1.4	6.7
WNW	.5	.1	.4	.3	.3							1.5	8.9
NW	.3	.5	.5	.3	.3	.1						1.9	9.7
NNW	.5	.4	.8	1.3	.8	.9	.3					4.9	14.6
VARBL													
CALM												8.8	
	8.1	9.2	18.7	24.3	16.1	9.6	3.2	1.5	.4			100.3	12.6

TOTAL NUMBER OF OBSERVATIONS 781

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73,76-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.3	3.3	9.2	3.8	1.6	1.5					16.2	15.3
NNE	1.3	2.0	4.2	6.4	2.4	2.4	.9					19.5	13.7
NE	1.8	1.6	2.2	1.6	1.3	1.5	.5	.7	.2			11.5	14.1
ENE	.7	1.3	2.2	.7	1.6	.9						7.5	11.9
E	.4	1.6	1.1	2.2	.7	.4	.5	.2				7.1	13.3
ESE	.4	1.3	1.6	.4								3.6	6.8
SE	.2	.7	1.1	1.5	.7	.2						4.4	11.7
SSE	.4	.2	1.1	.4	.7							2.7	10.7
S		.4	.7	.7	.2	.9						2.9	14.4
SSW		.5	1.3	.4								2.2	7.9
SW	.5	.7	.4	.2								1.8	5.7
WSW	.4	.4	.5									1.3	6.0
W		.5	.4	.4								1.3	7.7
WNW			.4	.4	.2							.9	11.6
NW		.4	1.1	.5	.5	.4						2.9	13.2
NNW	.5	.4	1.6	1.3	.9	.4	.2					5.3	12.6
VARBL													
CALM												8.8	
	7.1	13.3	23.2	21.2	13.1	9.6	3.6	.9	.2			100.3	11.7

TOTAL NUMBER OF OBSERVATIONS 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7?12C	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	3.3	3.6	2.7	3.0	1.3	.7				16.4	16.9
NNE	1.8	1.4	5.2	6.4	3.7	1.2	.3	.1				20.6	12.6
NE	1.2	1.0	2.8	2.1	1.9	1.6	.7	.3				11.8	14.3
ENE	.7	.7	1.8	2.1	1.5	.6	.1					7.6	12.8
E	.4	1.6	2.1	1.8		.1	.1					6.3	9.5
ESE	.4	1.0	.6	1.0	.1							3.3	8.2
SE	.6	1.0	1.9	1.2	.1							4.9	8.9
SSE	.4	.3	.6	1.0	.4							2.8	10.9
S	.3	1.0	1.3	.6	.9	.3						4.5	11.4
SSW	.4	.7	.4	.1		.1						1.9	7.5
SW		.1	.1	.1	.3							.7	12.8
WSW		.1	.3	.1								.6	8.0
W		.6	.3	.3								1.2	8.8
WNW	.1	.4	.7	.1								1.5	7.0
NW	.1	.3	.7		.4							1.6	10.4
NNW	.3	1.0	.7	.7	1.2	.9		.3				5.2	14.5
VARBL													
CALM												9.1	
	7.3	13.6	23.1	21.5	13.4	7.9	2.7	1.5				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 671

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2120	CAPE ROMANZOF AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.5	3.3	4.8	3.2	2.2	1.2	.6	.0			17.4	15.7
NNE	1.3	1.7	3.7	5.8	3.6	1.7	.6	.1				18.5	13.6
NE	1.1	1.6	2.9	3.4	2.4	2.1	1.1	.6	.1			15.3	15.5
ENE	.5	.8	1.5	2.0	1.0	.4	.1	.1				6.4	12.6
E	.5	1.1	1.2	1.7	.5	.2	.2	.0				5.3	11.1
ESE	.3	.8	1.1	.8	.2							3.2	8.8
SE	.6	.6	1.3	1.1	.3	.0						3.9	9.5
SSE	.3	.5	.8	.9	.4	.0						2.9	10.4
S	.5	.8	.9	1.2	.7	.2						4.4	10.9
SSW	.3	.5	.7	.2	.1	.0						1.8	7.8
SW	.2	.4	.4	.2	.1							1.3	8.1
WSW	.1	.4	.3	.2	.0							1.0	7.8
W	.2	.6	.6	.2	.0							1.7	7.0
WNW	.2	.4	.5	.1	.1	.0						1.2	7.6
NW	.2	.4	.7	.3	.3	.1	.0					2.1	11.0
NNW	.2	.6	.7	1.0	1.0	.6	.2	.1	.0			4.4	15.0
VARBL													
CALM												9.3	
	7.1	12.8	20.3	23.8	14.0	7.6	3.3	1.4	.2			100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 6171

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	1.7	2.0	2.5	2.1	2.0	.7				12.7	18.1
NNE	1.2	1.1	1.0	4.0	2.7	1.9	.6	.9	.2			13.6	16.9
NE	.6	1.2	1.9	2.7	1.7	2.0	2.0	1.0	.2	.2		13.6	19.2
ENE	.2	.5	1.0	2.0	.6	1.1	.6	.6				6.7	18.2
E	.7	.5	1.7	2.6	1.4	.1						7.0	12.0
ESE	.2	.9	.7	.5	.2							2.6	8.4
SE	.6	.5	1.4	2.0	.6	1.4	.9	.1				7.4	15.7
SSE	.4	.5	.2	1.6	1.1	1.4	.1					5.3	15.9
S	.4	.4	.7	1.7	2.2	1.6	.5					7.5	17.0
SSW	.2	.4	.4	.2			.1	.2				1.6	13.2
SW	.1	.1	.1									.4	5.7
WSW	.1	.1		.2	.1	.1						.7	12.7
W	.4		.9	.2	.1							1.6	9.1
WNW	.2		.5	.4								1.1	8.4
NW	.4	.4	1.4	.5	.4	.4						3.3	11.3
NNW	.2	.1	.7	1.1	.4	.6	.2	.1				3.6	15.2
VARBL													
CALM												11.1	
	6.8	7.8	14.3	21.8	14.1	12.6	7.0	3.7	.5	.2		100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 859

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.2	1.1	2.6	3.5	3.2	.9	1.5	.1			14.4	19.4
NNE	.4	1.1	2.2	3.0	2.8	1.6	1.4	1.0	.2			13.7	17.9
NE	.7	1.0	1.4	2.1	1.9	2.5	1.5	1.4	.5	.1		13.0	20.3
ENE	.2	.2	1.4	1.5	.5	1.1	.5	.2				5.7	16.7
E	.1	.7	1.0	3.1	1.2	.2		.1				6.5	13.7
ESE	.2	.5	1.5	1.1	.1	.6	.5					4.6	13.9
SE	.1	.6	.5	.9	.6	.4	.6					3.7	15.7
SSE	.1	.1	.2	1.1	1.9	1.0	.7					5.2	19.2
S	.1	.1	.6	2.2	1.6	2.0	.4	.4				7.4	18.8
SSW	.1	.2	.7	.2	.1	.1	.1					1.7	11.9
SW	.4	.1	.1	.1								.7	5.7
WSW		.1		.4	.2							.7	13.7
W	.1	.2	.7	.1								1.2	7.2
WNW		.2	1.0	.2								1.5	6.9
NW	.2	.7	.7		.4	.1	.2					2.5	11.5
NNW	.1	1.0	1.2	.9	.4	.2	.4					4.2	12.1
VARBL													
CALM												13.2	
	3.5	8.4	14.4	19.5	15.2	13.1	7.2	4.6	.9	.1		100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	2.0	2.7	2.6	1.6	1.5	1.0				12.6	17.9
NNE	.2	1.0	1.7	2.3	2.7	2.2	1.2	1.0	.4			12.8	19.2
NE	.5	.7	1.9	2.8	2.2	2.8	1.5	1.1	.6			14.2	19.7
ENE	.4	.5	1.0	2.0	1.0	1.5	.2	.1				6.7	15.5
E	.4	.9	1.2	2.8	.9	.9	.7	.1				7.9	14.9
ESE	.4	.1	1.2	1.1	.2	.5						3.6	12.2
SE	.4	.1	.9	.9	.9	.5	.4	.1				4.1	15.3
SSE	.4	.2	.4	.9	1.1	.7	.4					4.1	16.6
S	.5	.9	1.4	2.3	1.9	1.7	.9	.6	.1			10.2	17.5
SSW	.4	.4	.6	.2	.2	.1	.1					2.1	13.8
SW	.2	.1	.2	.1	.5							1.2	10.9
WSW		.2	.1	.4	.1							.9	11.3
W	.1	.4	.5	.2								1.2	7.7
WNW	.1	.5	.7	.1								1.5	6.8
NW	.1	.4	1.4	.2	.4	.4						2.8	11.4
NNW	.1	.4	1.0	.2	.4	.7	.4					3.2	15.5
VARBL													
CALM												10.9	
	4.7	7.5	16.2	19.5	15.1	13.7	7.3	4.1	1.1			100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 810

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	1.2	3.7	1.1	2.6	1.0	.6				11.4	18.2
NNE	.5	2.0	1.4	2.8	3.6	3.0	.6	.9	.2			14.9	17.6
NE	1.1	1.7	1.6	1.7	2.3	1.7	1.7	1.4	.4			13.7	18.4
ENE	.2	.4	.6	1.4	.9	.6	.6		.1			4.8	17.5
E	.4	.7	1.5	2.5	1.1	.2	.6					7.0	13.5
ESE	.4	.2	.9	1.5	.5	.6	.2	.1				4.4	14.7
SE	.7	.5	.6	1.9	1.2	.2	.2	.5				5.9	15.2
SSE	.5	.4	.9	1.1	1.2	1.0	.1	.1				5.3	15.3
S	1.1	1.0	1.1	1.5	2.2	1.4	.7	.6				9.6	16.5
SSW	.5	.1	.1	.4	.6	.1						1.9	11.9
SW	.4		.1		.2							.7	9.0
WSW	.1	.5	.2	.4	.1							1.4	9.2
W	.1	.2	.2		.1							.7	7.7
WNW	.4	.5	.1	.1								1.1	5.9
NW	.1	.6	1.1	.5	.4	.2						3.0	11.0
NNW	.1	.2	.7	1.1	1.0	.5	.2	.1				4.1	16.1
VARBL													
CALM												10.0	
	7.0	9.9	12.5	20.5	16.7	12.2	6.2	4.3	.7			100.0	14.5

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

72212D	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.4	1.2	1.9	1.5	1.7	.9	.6	.1			9.8	17.5
NNE	.7	.7	2.1	2.3	4.1	3.5	1.4	1.2	.1			16.2	19.1
NE	.7	.6	1.1	1.4	1.2	2.8	1.2	1.0	.4			10.5	20.7
ENE	.5	.6	1.0	.9	1.1	.7	.5					5.3	15.0
E	.9	.4	1.0	3.1	1.1	.6	.1					7.2	13.2
ESE	.4		.2	1.0	.6	.5	.6					3.3	17.7
SE	.5	.2	.9	.9	1.6	.5	.5	.4				5.4	17.3
SSE	1.0	.7	1.2	.9	2.1	.5	.4					6.8	13.1
S	1.1	.6	1.2	1.6	1.7	2.2	1.1	.1				9.8	16.6
SSW	.9	.4	.4	.1	.1							1.9	6.1
SW	.4	.4	.1		.4							1.2	8.8
WSW	.1			.1	.2							.5	12.8
W	.2	.2	.2	.1	.2							1.1	8.9
WNW	.2	.5	.4			.1						1.2	7.7
NW	.4	.5	1.0	.5	.4	.2						3.0	10.5
NNW	.1	.4	1.4	1.6	.6	.6	.4					5.1	14.7
VARBL													
CALM												11.9	
	8.6	7.7	13.5	16.3	17.0	14.1	7.0	3.3	.6			100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

72120	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.8	2.1	2.3	1.8	1.7	.6	.9	.1			10.6	17.6
NNE	.3	.9	1.7	3.0	3.0	2.2	1.4	1.2	.4			13.9	19.6
NE	.5	.5	1.2	1.4	2.5	2.7	1.0	.8	.5	.3		11.4	21.1
ENE	.4	.1	.9	2.3	1.5	.8	.6					6.7	16.1
E	.5	.9	1.5	2.6	.1	.4	.8					6.8	13.1
ESE	.8	.9	.6	.6	.4	.6	.3					4.3	11.6
SE	.5	.3	.9	2.6	.4	.3	.6	.1				5.7	14.5
SSE	.8	.3	1.2	1.3	2.2	.8	.5	.1				7.1	15.7
S	.6	1.3	1.0	2.1	1.8	1.4	1.4					9.7	16.4
SSW	.3	.4	.1	.3	.1							1.2	8.2
SW	.1	.4	.3	.1								.9	6.4
WSW		.4	.3	.1		.1						.9	10.0
W		.5	.3	.1	.3							1.2	10.3
WNW	.5	.1	.5		.4							1.5	8.3
NW		.3	.9	.9	.4	.1						2.6	11.7
NNW		.3	.4	.4	.8	.3	.5	.1				2.7	19.0
VARBL													
CALM												12.9	
	5.5	8.3	13.8	20.1	15.6	11.4	7.9	3.2	1.0	.3		100.3	14.3

TOTAL NUMBER OF OBSERVATIONS 775

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7?120	CAPE ROMANZOF AFS AK	73-74,77-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.2	1.7	2.7	2.1	.6	1.7	.2				9.5	17.3
NNE		.8	1.5	1.0	3.7	2.1	1.5	1.0	.8			12.4	21.3
NE		.8	.8	1.9	2.9	2.1	1.0	.4	.2			10.1	19.6
ENE	.6	.6	1.5	2.1	1.5	1.7	1.0					9.1	16.2
E	1.9	.5	1.4	1.7	1.0	.2						6.8	9.5
ESE	.2			1.4	.2	.6	.4					2.7	17.4
SE	.6	.2	.6	1.4	1.4	2.1	.6					6.8	17.5
SSE	.4	.4	.4	1.9	1.4	.5	1.0					6.0	17.2
S	1.5	.6	1.4	3.3	3.1	1.2	.4	.2				11.6	14.5
SSW	.2	.6	1.0		.2							1.9	8.3
SW	.2											.2	3.0
WSW		.2			.2							.4	13.0
W	.4	.6	.4	.6								1.9	7.7
WNW	.4	.4	1.2	.6	.2							2.7	9.1
NW		.2	2.7	.8	.8	.2						4.6	11.6
NNW		.6	1.0	.6	.6	.4	.6					3.7	15.8
VARBL													
CALM												9.7	
	6.6	6.6	15.5	19.9	19.1	11.8	8.1	1.7	1.0			100.3	14.5

TOTAL NUMBER OF OBSERVATIONS 517

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

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.?12?	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

.100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	.5	2.0	2.0	1.2	2.3	.8	.2			9.8	20.8
NNE	1.1	1.4	1.6	2.5	4.4	1.4	1.2	1.1				14.5	17.2
NE	.8	.7	1.4	2.2	.8	2.6	1.7	1.1	.2	.2		11.8	19.5
ENE	.6	1.4	1.6	2.5	1.4	.8	.8	.2				9.2	14.2
E	.6	.5	1.2	3.0	.9	.5	.2					6.8	13.2
ESE	.8	.5	1.4	.6	.3	.3						3.9	9.7
SE	.6	.5	.3	1.6	1.7	.9	1.4					7.0	18.2
SSE	.2	.2		1.4	2.5	1.2	.2					5.6	18.4
S	.6	.6	1.6	1.9	3.1	2.0						9.8	15.5
SSW		.2	.2	.2					.2			.6	16.8
SW	.2			.3								.5	11.2
WSW		.3	.2		.2							.6	8.8
W	.6	.3	.2	.2	.2	.2						1.4	8.9
WNW		.3	.8	.8		.2						2.0	11.7
NW		.3	.9	1.6	.5	.3						3.6	13.2
NNW	.2	.3	.3	1.1	.3	.3	.3					2.8	14.9
VARBL													
CALM												10.1	
	6.5	8.1	12.0	21.6	18.2	12.0	7.8	3.1	.5	.2		100.0	14.7

TOTAL NUMBER OF OBSERVATIONS 643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

7?2120	CAPE ROMANZOF AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	1.5	2.5	2.1	1.9	1.3	.8	.1			11.5	16.4
NNE	.6	1.1	1.7	2.7	3.3	2.3	1.2	1.0	.3			14.1	18.5
NE	.7	1.0	1.4	2.0	1.9	2.4	1.5	1.0	.4	.1		12.4	19.8
ENE	.4	.5	1.1	1.8	1.0	1.0	.6	.2	.0			6.6	16.1
E	.6	.7	1.3	2.7	1.0	.4	.3	.0				7.0	13.1
ESE	.4	.4	.9	1.0	.3	.5	.3	.0				3.7	13.2
SE	.5	.4	.8	1.5	1.0	.7	.6	.2				5.7	16.1
SSE	.5	.4	.6	1.2	1.7	.9	.6	.0				5.6	16.2
S	.7	.7	1.1	2.0	2.1	1.7	.7	.3	.0			9.3	16.6
SSW	.3	.3	.4	.2	.2	.1	.1	.0	.0			1.6	10.5
SW	.2	.2	.1	.1	.2							.8	8.3
WSW	.1	.2	.1	.2	.2	.0						.9	11.1
W	.2	.3	.4	.2	.1	.0						1.3	9.5
WNW	.2	.3	.6	.3	.1	.0						1.5	8.5
NW	.2	.4	1.2	.6	.4	.3	.0					3.1	11.5
NNW	.1	.4	.9	.9	.6	.5	.4	.1				3.7	15.2
VARBL													
CALM												11.3	
	6.1	8.1	14.0	19.9	16.2	12.7	7.3	3.6	.8	.1		100.3	14.5

TOTAL NUMBER OF OBSERVATIONS 5984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

70120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.9	3.0	2.4	3.1	.5	.6				11.2	18.9
NNE	.6	1.6	1.4	4.6	3.2	3.1	3.1	2.0	.2			19.8	20.1
NE	.5	.4	1.4	1.7	2.0	3.6	3.0	1.4	.4			14.3	22.5
ENE	.1		.6	.7	2.0	.7	1.1	1.0	.4			6.7	23.3
E	.4	.1	.7	1.4	1.4	1.4	.5	.5				5.9	18.6
ESE	.5	.1	.2	1.0	.7							2.6	12.3
SE	.4	.9	.5	1.0	.7	.4	.1					4.0	12.8
SSE	.5		.5	1.7	1.1	1.7	.4					5.9	17.6
S	1.6	.6	.1	.1	2.2	1.0	.6	.2	.1			6.7	16.0
SSW	.2	.2	.2	.2	.5	.4		.1				2.0	15.6
SW	.2		.1	.6	.2							1.2	11.9
WSW	.4			.4	.2							1.0	9.9
W	.2		.6									.9	6.6
WNW		.4	.7	.2								1.4	8.6
NW		.6	.6	.5	.1							1.9	9.1
NNW	.2	.4	.4	.2	.5	.2	.2					2.2	14.3
VARBL													
CALM												12.5	
	6.2	5.7	9.0	17.5	17.3	15.2	9.5	5.8	1.1			100.0	16.1

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	2.3	3.9	2.0	1.6	1.7	.5	.1			13.7	16.9
NNE	.9	1.8	2.0	4.6	3.6	3.6	2.3	2.2	.2	.5		21.6	19.8
NE	.4	.5	.6	3.0	2.1	3.2	2.6	1.0				13.3	21.1
ENE		.1	.7	1.1	1.7	1.4	1.1	.7	.5			7.4	22.9
E		.1	.6	.7	1.1	.7	.4	.6				4.3	20.6
ESE	.2	.2	.2	1.2	.4	.4		.1				2.8	14.3
SE	1.0	.6	.4	1.1	1.0	1.2						5.3	13.7
SSE	.2	.2	.4	1.2	1.6	1.1	.1	.1				5.0	17.2
S	.9	.4	.1	.7	1.7	.7	.4	.2	.2			5.4	17.9
SSW	.7	.2	.2	.5	.1	.5	.2					2.6	12.7
SW	.4	.7	.2	.6								1.5	8.3
WSW		.2		.6	.1							1.0	12.9
W	.4	.5	.1	.2								1.2	7.1
WNW		.2	.1	.1								.5	8.3
NW	.1	.4		.1								.6	5.8
NNW	.2		.7	.9	.2							2.1	11.2
VARBL													
CALM												11.7	
	5.9	6.9	8.9	20.7	15.6	14.4	8.9	5.5	1.1	.5		100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 813

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

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.9	1.3	1.5	2.3	1.5	1.2	.2				10.2	16.3
NNE	1.0	1.3	2.3	4.5	3.3	3.8	3.2	1.7	.7	.2		22.2	20.3
NE	.4	.7	1.3	2.2	2.1	2.9	1.6	2.5				13.7	21.7
ENE	.1	.2	.9	1.0	.6	1.7	1.2	1.1	.5			7.4	23.8
E	.6	.5	1.3	1.0	.7	.9	.5	.4				5.9	15.7
ESE	.4	.2	.1	.5	.6	.5	.4	.1				2.8	17.4
SE	1.0	1.0	.4	1.0	1.1	.5	.5	.2				5.6	14.3
SSE	1.1	.5	.4	1.8	1.2	.4	.2	.4				6.0	14.4
S	.2	.4	.4	.9	1.1	.7	.2			.1	.2	4.3	19.9
SSW	.1	.2	.6	1.1	.6	.1	.1	.1				3.1	13.9
SW		.1		1.0								1.1	14.0
WSW	.5			.1	.4							1.0	9.8
W	.2	.1	.1									.5	4.3
WNW		.6	.5	.4								1.5	8.0
NW	.2	.2	.2	.1	.5							1.3	11.4
NNW	.1	.9		.2	.4	.1						1.7	9.9
VARBL													
CALM												11.8	
	7.2	8.0	9.9	17.3	15.0	13.1	9.2	6.7	1.2	.4	.2	100.0	15.9

TOTAL NUMBER OF OBSERVATIONS 616

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.7	2.0	2.4	1.6	.5	.1				8.7	16.7
NNE	.7	1.3	1.8	4.4	4.0	4.4	2.8	1.8	1.0			22.3	20.5
NE	.7	.5	2.0	3.1	3.2	1.7	1.7	2.3	.2			15.4	20.3
ENE			.2	1.1	1.1	1.7	1.1	1.0	.2			6.5	24.4
E	.4	.7	1.0	1.7	1.5	.2	.5	.1				5.6	15.2
ESE	.1	.1	.2	1.2	.5	.1	.1	.1				2.6	16.0
SE	.5		.5	.9	.7	.4	.5	.1				3.5	16.9
SSE	.5	.5	.9	2.0	1.5	.4	.1	.2		.1	.1	6.2	16.4
S	.1	.9	.9	1.3	.6	.7	.2	.1		.1		5.0	15.8
SSW	.4	.5	.6	1.3	.4		.2					3.4	12.3
SW	.5	.1	.2	.2	.2							1.3	8.4
WSW			.1	.5	.2							.9	14.0
W	.1	.2										.4	4.3
WNW	.1	.1	.1	.7								1.1	10.3
NW	.2	.2	.1	.6								1.2	9.3
NNW		.6	.6	.6	.2							2.1	10.1
VARBL													
CALM												13.8	
	4.6	6.5	10.0	21.6	16.6	11.2	7.8	6.0	1.5	.2	.1	100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 [illegible]	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1800
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	1.1	1.0	.4	2.4	2.3	1.4	1.0	.1				9.7	16.5
NNE	.5	.5	1.3	4.4	4.7	4.8	2.4	3.1	1.0	.3		22.9	22.9
NE	.9	.5	1.0	3.3	2.5	2.9	1.9	1.9	.1			15.0	20.4
ENE	.1	.1	.4	1.5	.9	1.0	.4	.3	.4			5.3	20.5
E	.5	.3	.9	2.0	1.1	.9	.4	.4	.1			6.5	16.7
ESE	.5	.4	.4	.8	.4	.8	.1	.3				3.5	15.3
SE	1.0	.4	1.0	1.1	.5	.4	.1	.3				4.8	12.0
SSE	.8	.5	.5	1.0	1.6	.3					.1	4.8	13.9
S	1.5	1.3	.6	.9	1.0	1.3	.6	.4		.1		7.7	15.4
SSW	.1	.4	.3	.6	.1	.3	.3					2.0	14.6
SW		.1	.5	.5	.1	.1						1.4	12.4
WSW	.3	.3	.4	.3								1.1	7.1
W	.1	.1	.5	.5								1.3	10.1
WNW				.1								.1	14.0
NW	.3	.8	.3	.1								1.4	6.0
NNW	.3	.1		.5	.5	.1						1.5	14.1
VARBL													
CALM												11.2	
	7.9	6.7	8.3	20.0	15.7	14.1	7.2	6.7	1.6	.4	.1	100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.2	.8	2.8	1.7	1.2	1.5	.2	.3			10.0	18.0
NNE	.6	.9	.9	3.8	3.5	4.1	3.5	1.2	.5	.3		20.4	22.3
NE	.5	1.1	.9	1.5	3.5	3.1	2.9	1.2	.2			14.9	21.3
ENE	.9	.8	.2	.5	1.8	1.5	1.1	.6	.3			7.7	20.2
E	.6	.3	.9	1.4	.9	.2	.2					4.5	12.7
ESE	.3	.3	.5	1.7	1.2	1.4	.6	.2				6.1	18.0
SE	.6	.6	.3	.8	1.1	.3	.3	.2				4.1	14.6
SSE	.6	.5	.3	.9	.6	1.4	.5					4.8	16.2
S	.6	.8	.9	.9	2.0	1.2	.5					6.9	15.6
SSW	.5	.5	.2	.8		.5	.3					2.6	13.6
SW	.5	.3	.5	.6	.5	.2						2.5	10.6
WSW	.2	.3	.3	.2								.9	7.3
W	.3		.3	.3								.9	8.7
WNW			.2	.2	.3							.6	14.5
NW	.5		.3	.2	.5							1.4	10.8
NNW	.5	.6	.3	.2								1.5	5.6
VARBL													
CALM												10.1	
	7.4	8.1	7.7	16.6	17.7	15.1	11.4	4.5	1.2	.3		100.0	16.3

TOTAL NUMBER OF OBSERVATIONS 651

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIF WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2120	CAPE ROMANZOF AFS AK	73-74,77-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.2	.6	3.0	1.7	2.8	.2	.4				9.8	17.3
NNE	.8	1.5	1.3	2.5	2.1	3.2	1.5	3.8				16.8	21.3
NE	.8	.8	1.1	.8	2.1	3.0	4.0	1.5				14.2	22.3
ENE	.8	.4	.2	1.1	.4	1.1	1.3	.4	.4			6.2	20.9
E	.8	.4		2.5	1.5	1.3	1.1					7.6	17.5
ESE	.6	.2		1.5	1.3	.6	.4	.4				5.1	18.0
SE	.4		.4	1.5	2.5	.4						5.3	15.5
SSE	.8	.4	.2	.2	1.7	1.5						4.9	15.9
S	1.7	1.9	.2	1.3	2.8	.8	.4					9.1	12.7
SSW	.4	.2		.6	.2	.2	.6					2.3	17.1
SW		.4		.2								.6	7.0
WSW			.6	.6								1.3	10.8
W		.6	.8	.4	.9							2.8	11.2
WNW	.4	.2	.2	.8	.2							1.9	10.0
NW	.2			.2		.2						.6	13.0
NNW	.4	.4		.4		.2						1.5	10.0
VARBL													
CALM												10.0	
	9.3	7.9	5.7	17.8	17.4	15.3	9.6	6.6	.4			100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.1	2.9	2.5	2.1	1.1	.5	.2	.2		11.4	18.8
NNE	.5	.8	2.9	3.2	2.9	2.2	2.4	3.0	.6			18.4	21.3
NE		.3	.5	1.6	2.5	2.7	2.7	1.3				11.6	23.4
ENE	.2	.2	1.6	1.1	1.1	.8	1.0	1.4	.2			7.4	21.2
E	.2	.3	.8	.6	1.4	1.3	.6					5.2	18.5
ESE	1.0		.5	1.1	1.3	.8	.2					4.8	14.9
SE	.3	.3	.6	1.3	1.1	.6	.3					4.6	15.8
SSE	1.0	.6	.6	1.3	1.1	1.6	.2	.2				6.5	15.0
S	1.4	1.0	.6	1.1	2.1	1.7	.8					8.7	15.3
SSW	.3	.5	.3	.3	.3	.3		.2				2.2	13.3
SW	.2			1.0	.5							1.6	14.0
WSW			.2		.2							.3	13.0
W		.2	.8	.2	.2							1.3	10.5
WNW	.2	.5	.2	.3								1.1	8.6
NW	.2	.6	.6	.2	.5							2.1	9.5
NNW	.5	.2	.2	.2	.2	.5	.2					1.7	14.2
VARBL													
CALM												11.1	
	6.0	6.0	11.4	16.2	17.7	14.6	9.4	6.5	1.0	.2		100.0	16.3

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

SURFACE WINDS

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

70-120	CAPE ROMANZOF AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

ALL (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.8	1.1	2.6	2.2	1.9	1.0	.3	.1	.0		10.6	17.4
NNE	.7	1.2	1.7	4.1	3.5	3.7	2.7	2.4	.6	.2		20.9	21.0
NE	.5	.6	1.1	2.3	2.5	2.9	2.4	1.7	.1			14.1	21.5
ENE	.2	.2	.6	1.0	1.2	1.3	1.0	.8	.4			6.8	22.4
E	.4	.3	.8	1.4	1.2	.8	.5	.3	.0			5.6	16.9
ESE	.4	.2	.3	1.1	.7	.5	.2	.1				3.6	15.9
SE	.7	.5	.5	1.1	1.0	.5	.2	.1				4.6	14.3
SSE	.7	.4	.5	1.3	1.3	1.0	.2	.1		.0	.0	5.5	15.9
S	1.0	.8	.5	.9	1.6	1.0	.5	.1	.1	.1	.0	6.5	15.9
SSW	.3	.3	.3	.7	.3	.3	.2	.1				2.6	13.8
SW	.2	.2	.2	.6	.2	.0						1.4	11.0
WSW	.2	.1	.2	.3	.2							.9	10.3
W	.2	.2	.4	.2	.1							1.1	8.7
WNW	.1	.3	.3	.3	.1							1.0	9.5
NW	.2	.4	.3	.3	.2	.0						1.3	9.2
NNW	.3	.4	.3	.4	.3	.1	.1					1.8	11.4
VARBL													
CALM												11.7	
	6.7	6.9	9.0	18.6	16.5	14.0	9.0	6.0	1.2	.3	.1	100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 5602

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2120	CAPE ROMANZOF AFS AK	73-81	ALL
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	.4	1.0	2.1	3.3	2.1	1.4	.7	.4	.1	.0	.0	11.7	16.1
NNE	.7	1.4	2.9	4.8	3.5	2.3	1.1	.6	.2	.0	.0	17.7	16.3
NE	.6	1.1	2.1	3.1	1.9	1.4	.9	.5	.1	.0	.0	11.7	16.0
ENE	.4	.6	1.1	1.4	.9	.6	.3	.1	.0	.0		5.4	14.4
E	.5	.8	1.1	1.5	.9	.4	.1	.0	.0			5.4	12.6
ESE	.4	.6	.8	.9	.5	.2	.1	.0	.0			3.4	11.6
SE	.5	.7	1.0	1.2	.6	.3	.1	.0				4.5	12.2
SSE	.5	.7	1.0	1.4	.9	.5	.1	.0	.0	.0	.0	5.2	12.9
S	1.0	1.6	1.9	2.2	1.2	.7	.2	.0	.0	.0	.0	9.0	11.7
SSW	.7	1.1	1.3	1.3	.5	.1	.0	.0	.0	.0		5.0	9.8
SW	.5	.9	.8	.5	.1	.1	.0	.0				2.9	7.9
WSW	.3	.5	.4	.2	.0	.0						1.3	6.7
W	.3	.5	.4	.1	.0	.0						1.4	6.4
WNW	.2	.3	.3	.1	.0	.0	.0					.9	7.3
NW	.2	.3	.4	.3	.1	.1	.0	.0	.0			1.5	10.7
NNW	.2	.4	.5	.7	.4	.2	.1	.1	.0	.0		2.5	13.8
VARBL													
CALM												10.3	
	7.3	12.7	18.1	23.0	13.8	8.5	3.8	1.9	.4	.1	.1	100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 69898

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702120	CAPE ROMANZOF AFS AK	73-81	ALL
STATION	STATION NAME	YEARS	MONTH

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

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

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.7	2.0	3.7	2.4	1.9	.9	.6	.2	.0	.0	13.0	17.2
NNE	.5	.8	1.8	3.7	3.4	2.4	1.2	.7	.1	.0	.0	14.6	17.9
NE	.3	.4	.9	1.5	1.2	.9	.6	.4	.1	.0		6.3	17.8
ENE	.1	.2	.4	.6	.4	.3	.1	.1	.0	.0		2.2	15.6
E	.2	.3	.6	1.1	.9	.3	.1	.0				3.5	14.6
ESE	.1	.3	.5	1.0	.8	.3	.1	.0	.0			3.1	14.4
SE	.2	.5	1.0	1.7	1.1	.5	.2	.1				5.2	14.3
SSE	.3	.7	1.3	2.2	1.6	.8	.2	.0	.0	.0	.0	7.2	14.6
S	1.0	1.9	3.2	4.1	2.2	1.4	.3	.0	.0	.0		14.2	12.8
SSW	.6	1.4	2.3	2.5	1.0	.3	.1	.0	.0	.0		8.2	11.0
SW	.6	1.3	1.3	1.0	.3	.1	.0	.0				4.7	8.8
WSW	.4	.8	.6	.3	.1	.0						2.1	7.1
W	.4	1.0	.7	.2	.0	.0						2.3	6.6
WNW	.2	.4	.4	.1	.0	.0						1.3	6.8
NW	.2	.5	.6	.3	.2	.2	.0	.0	.0			2.1	10.3
NNW	.2	.5	.6	.8	.4	.3	.1	.1				2.9	13.2
VARBL													
CALM												7.2	
	5.7	11.8	18.4	24.8	16.0	9.7	4.0	2.0	.4	.1	.0	100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 23358

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

[illegible] CAPE ROMANZOF AFS AK 73-81 [illegible]
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING IN HUNDREDS OF FEET

VISIBILITY STATUTE MILES

≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
35.4	36.7	37.7	38.3	39.4	39.5	40.4	40.4	40.4	41.2	41.5	41.5	42.7	42.7	43.7	43.7
34.2	37.4	38.5	39.1	40.2	40.3	41.2	41.2	41.2	42.0	42.2	42.2	43.5	43.5	44.4	44.4
34.3	37.6	38.6	39.2	40.3	40.4	41.3	41.3	41.3	42.1	42.4	42.4	43.7	43.7	44.6	44.6
34.7	38.0	39.0	39.6	40.8	40.9	41.8	41.8	41.8	42.6	42.9	42.9	44.2	44.2	45.3	45.3
35.0	38.2	39.2	40.0	41.1	41.2	42.1	42.1	42.1	42.9	43.1	43.1	44.4	44.4	45.7	45.7
35.1	38.3	39.4	40.2	41.2	41.3	42.2	42.2	42.2	43.0	43.3	43.3	44.6	44.6	45.9	45.9
35.1	38.6	39.8	40.5	41.7	41.8	42.7	42.7	42.7	43.5	43.8	43.8	45.1	45.1	46.4	46.4
35.4	38.9	40.2	40.8	42.1	42.2	43.1	43.1	43.1	44.0	44.3	44.3	45.6	45.6	46.9	46.9
37.2	40.8	42.0	42.7	44.0	44.2	45.1	45.1	45.1	46.0	46.2	46.2	47.5	47.5	48.8	48.8
38.9	43.0	44.2	44.9	46.2	46.4	47.3	47.3	47.3	48.2	48.4	48.4	49.7	49.7	51.0	51.0
40.2	44.4	45.6	46.4	47.7	47.8	49.7	48.7	48.7	49.6	50.3	50.3	51.9	51.9	53.2	53.2
41.7	46.1	47.4	48.4	49.1	50.3	51.2	51.2	51.2	52.1	53.0	53.0	54.7	54.7	56.0	56.0
42.2	46.6	48.1	49.2	50.9	51.0	51.9	51.9	51.9	52.8	53.8	53.8	55.6	55.6	56.9	56.9
43.9	48.4	49.9	51.0	52.7	52.8	53.8	53.8	53.8	54.7	55.6	55.6	57.4	57.4	58.7	58.7
45.9	51.0	52.5	53.6	55.4	55.6	56.5	56.5	56.5	57.4	58.3	58.3	60.1	60.1	61.4	61.4
47.3	52.8	54.8	56.3	58.2	58.3	59.3	59.3	59.3	60.4	61.3	61.3	63.1	63.1	64.4	64.4
49.0	55.1	57.1	58.7	60.5	60.6	61.7	61.7	61.7	62.7	63.6	63.6	65.4	65.4	66.7	66.7
42.9	56.1	59.1	60.8	63.0	63.1	64.4	64.4	64.4	65.4	66.3	66.3	68.1	68.1	69.4	69.4
58.8	57.4	60.5	62.3	64.8	64.9	66.2	66.2	66.2	67.2	68.1	68.1	69.9	69.9	71.2	71.2
62.2	59.6	62.7	64.6	67.1	67.2	68.7	68.7	68.7	69.7	70.6	70.6	72.4	72.4	73.7	73.7
64.0	62.7	66.5	68.9	71.9	72.0	74.3	74.3	74.3	75.1	76.3	76.3	78.2	78.2	79.5	79.5
64.7	63.7	67.7	70.3	73.7	73.8	76.3	76.6	76.7	77.8	79.2	79.3	81.3	81.3	82.6	82.6
64.7	64.1	68.3	70.9	74.2	74.5	76.7	77.5	77.6	78.9	80.1	80.1	82.4	82.4	83.7	83.7
64.7	64.4	68.9	71.6	75.5	75.9	78.5	79.5	79.7	81.1	82.3	82.3	84.6	84.6	85.9	85.9
64.8	64.6	69.3	72.0	76.2	76.6	79.3	80.6	81.0	82.5	83.7	83.8	86.1	86.1	87.4	87.4
65.2	65.3	69.9	72.7	77.1	77.5	80.2	82.1	82.3	84.1	85.2	85.4	87.7	87.7	89.0	89.0
65.6	65.8	70.6	73.4	78.5	79.0	82.6	84.6	84.7	86.5	87.7	87.8	90.2	90.2	91.5	91.5
65.7	65.9	70.7	73.6	78.6	79.1	82.8	85.2	85.4	87.3	89.1	89.6	92.5	92.5	94.7	94.7
65.7	65.9	70.7	73.6	78.9	79.4	83.3	85.6	85.9	88.7	91.1	91.6	94.4	94.4	96.6	97.0
65.7	65.9	70.7	73.6	78.9	79.4	83.3	85.9	86.3	89.2	91.7	92.2	95.2	95.2	97.5	98.0
65.7	65.9	70.7	73.6	78.9	79.4	83.3	85.9	86.3	89.2	91.8	92.3	95.5	95.5	97.7	98.2
65.7	65.9	70.7	73.6	78.9	79.4	83.3	85.9	86.3	89.2	91.8	92.3	95.5	95.5	97.8	98.3

TOTAL NUMBER OF OBSERVATIONS 77

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

[illegible] CAPE ROMANOFF AFS, AK 73-81 [illegible]
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
[illegible]	33.0	36.6	39.2	39.0	40.3	40.8	41.5	41.6	41.9	42.3	42.4	42.4	43.2	43.2	44.2	44.4
[illegible]	34.2	37.7	39.3	40.1	41.4	41.9	42.6	42.8	42.9	43.4	43.5	43.5	44.4	44.4	45.4	45.5
[illegible]	34.2	37.7	39.7	40.1	41.4	41.9	42.6	42.8	42.9	43.4	43.5	43.5	44.4	44.4	45.4	45.5
[illegible]	35.7	38.4	40.2	40.9	42.3	42.8	43.5	43.8	43.9	44.2	44.4	44.4	45.2	45.2	46.2	46.3
[illegible]	35.8	38.5	40.1	41.0	42.4	42.9	43.6	43.7	43.7	44.4	44.5	44.5	45.6	45.6	46.7	46.8
[illegible]	36.1	38.8	40.4	41.3	42.6	43.1	43.9	44.0	44.0	44.6	44.7	44.7	45.8	45.8	47.0	47.1
[illegible]	36.4	39.2	40.9	41.6	43.0	43.5	44.2	44.4	44.4	45.0	45.1	45.1	46.2	46.2	47.3	47.5
[illegible]	37.5	40.8	42.4	43.2	44.6	45.1	45.8	46.1	46.2	46.6	46.7	46.7	47.8	47.8	48.9	49.1
[illegible]	38.5	42.9	44.6	45.6	47.0	47.5	48.2	48.3	48.3	48.9	49.2	49.2	50.3	50.3	51.4	51.5
[illegible]	41.2	44.5	46.3	47.7	49.2	49.7	50.4	50.6	50.6	51.2	51.4	51.4	52.5	52.5	53.7	54.0
[illegible]	41.9	45.6	47.5	48.0	50.3	50.8	51.5	51.7	51.7	52.3	52.5	52.6	54.0	54.0	55.1	55.3
[illegible]	44.1	47.7	49.9	51.4	53.0	53.5	54.3	54.4	54.4	55.0	55.4	55.4	57.1	57.1	58.5	58.8
[illegible]	45.4	49.1	51.4	53.0	54.6	55.1	55.9	56.0	56.0	56.6	57.0	57.0	58.9	58.9	60.2	60.5
[illegible]	47.6	51.8	54.4	56.0	57.7	58.2	59.0	59.1	59.1	59.9	60.3	60.3	62.2	62.2	63.6	63.7
[illegible]	48.7	53.0	55.6	57.4	59.1	59.6	60.3	60.5	60.5	61.2	61.7	61.7	63.6	63.6	64.9	65.1
[illegible]	50.3	54.1	56.8	58.2	60.2	60.8	61.6	61.8	61.8	62.5	63.0	63.0	64.9	64.9	66.2	66.3
[illegible]	51.3	56.9	61.1	62.2	64.6	65.1	65.8	65.9	65.9	66.8	67.3	67.3	69.1	69.1	70.5	70.6
[illegible]	52.3	56.2	61.2	63.6	66.3	66.8	67.5	67.7	67.7	68.5	69.0	69.0	70.9	70.9	72.4	72.7
[illegible]	52.9	58.9	67.1	64.4	67.3	67.8	68.5	68.6	68.6	69.5	70.0	70.0	71.9	71.9	73.4	73.7
[illegible]	54.4	60.7	64.3	66.5	70.3	70.8	71.9	72.0	72.0	72.9	73.4	73.4	75.2	75.2	76.7	77.1
[illegible]	56.4	62.7	66.9	69.6	73.7	74.2	76.0	76.2	76.2	77.1	77.9	77.9	79.8	79.8	81.3	81.7
[illegible]	56.8	63.2	67.4	70.3	74.5	75.0	77.1	77.3	77.3	78.7	79.6	79.6	81.5	81.5	83.0	83.4
[illegible]	56.9	63.8	68.0	70.9	75.2	75.8	78.1	78.3	78.3	79.8	80.7	80.7	82.7	82.7	84.1	84.5
[illegible]	57.2	64.1	68.4	71.3	75.8	76.6	78.9	79.2	79.2	80.7	81.5	81.5	83.5	83.5	85.1	85.4
[illegible]	56.[illegible]	64.2	68.5	71.5	76.6	77.4	80.2	80.7	80.7	82.2	83.1	83.1	85.3	85.3	86.9	87.2
[illegible]	57.2	64.8	69.2	72.2	77.4	78.2	81.3	82.4	82.5	83.5	84.6	84.8	87.2	87.2	88.6	88.9
[illegible]	56.3	65.2	69.9	73.1	78.6	79.6	83.3	84.3	84.4	86.1	87.6	88.0	90.5	90.6	92.6	92.9
[illegible]	[illegible]	65.3	70.0	73.2	78.8	79.8	83.9	85.4	85.6	87.5	89.5	89.8	92.6	92.7	94.8	95.4
[illegible]	56.9	65.3	70.1	73.2	78.8	79.8	83.9	85.4	85.6	88.1	90.2	90.6	93.7	93.9	95.9	96.5
[illegible]	57.9	65.3	70.2	73.2	78.8	79.8	83.8	85.4	85.6	88.1	90.2	90.6	94.1	94.2	96.9	97.4
[illegible]	56.9	65.3	70.3	73.2	78.8	79.8	83.8	85.4	85.6	88.5	90.6	91.0	94.4	94.5	97.5	98.2
[illegible]	56.9	65.3	70.3	73.2	78.8	79.8	83.8	85.4	85.6	88.7	90.8	91.3	94.8	94.9	98.0	[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible] 67

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-162 CAPE ROMANZOF AFS AK 73-01 (45)
STATION STATION NAME YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(6230-6830)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
NO CEILING/ 20000	29.8	32.3	34.5	35.2	36.2	36.2	36.9	37.3	37.4	38.7	39.2	39.4	40.1	40.1	40.4	40.4
	30.5	33.0	35.2	36.1	37.2	37.2	37.9	38.3	38.4	39.7	40.3	40.4	41.1	41.1	41.4	41.4
15000	30.9	33.4	35.6	36.5	37.6	37.6	38.3	38.7	38.8	40.2	40.6	40.8	41.5	41.5	41.7	41.7
	31.5	34.0	36.2	37.1	38.2	38.2	38.9	39.3	39.4	40.6	41.3	41.4	42.1	42.1	42.4	42.4
12000	31.5	34.0	36.2	37.1	38.2	38.2	38.9	39.3	39.4	40.6	41.3	41.6	42.5	42.5	42.7	42.7
	31.5	34.0	36.2	37.1	38.2	38.2	38.9	39.3	39.4	40.6	41.3	41.6	42.5	42.5	42.7	42.7
10000	31.6	34.2	36.5	37.3	38.5	38.5	39.3	39.7	39.8	41.0	41.6	42.0	42.9	42.9	43.1	43.1
	32.5	35.0	37.2	38.1	39.3	39.3	40.0	40.4	40.5	41.7	42.4	42.7	43.6	43.6	43.8	43.8
9000	34.6	37.6	39.8	40.6	42.1	42.1	42.9	43.2	43.3	44.6	45.2	45.6	46.4	46.4	46.7	46.7
	35.2	39.3	41.5	42.4	43.8	43.8	44.6	45.0	45.1	46.3	47.0	47.4	48.4	48.4	48.9	48.9
8000	36.8	39.9	42.1	43.1	44.7	44.7	45.4	45.8	45.9	47.3	48.0	48.4	49.4	49.4	49.9	49.9
	38.5	41.6	44.3	45.2	46.9	46.9	47.8	48.3	48.4	49.8	50.5	50.9	52.0	52.0	52.6	52.6
7000	41.0	43.2	45.7	46.8	48.6	48.6	49.5	50.0	50.1	51.5	52.2	52.6	53.7	53.7	54.3	54.3
	43.7	47.4	50.1	51.0	52.8	52.8	53.7	54.2	54.3	55.7	56.4	56.8	57.9	57.9	58.5	58.5
6000	46.2	50.0	52.8	53.7	56.7	56.7	57.5	58.0	58.1	59.5	60.2	60.6	61.7	61.7	62.3	62.3
	47.2	51.4	54.6	55.4	59.2	59.2	60.1	60.6	60.7	62.2	62.9	63.3	64.4	64.4	65.0	65.0
5000	47.5	51.8	55.2	56.0	60.0	60.0	61.1	61.7	61.9	63.3	64.0	64.4	65.5	65.5	66.1	66.1
	48.8	53.6	57.0	58.4	62.6	62.6	63.7	64.4	64.5	66.3	67.1	67.5	68.6	68.6	69.5	69.5
4000	49.3	54.4	58.0	59.5	63.7	63.8	64.9	65.6	65.8	67.5	68.5	68.8	70.0	70.0	70.9	70.9
	51.3	56.5	60.5	61.9	66.5	66.7	67.9	68.6	68.7	70.4	71.4	71.8	72.9	72.9	73.8	73.8
3500	53.2	59.4	63.9	65.8	71.7	71.9	72.2	72.9	73.0	75.2	76.5	76.8	78.1	78.1	78.9	78.9
	53.6	60.1	65.3	67.2	72.7	73.4	74.9	75.6	75.7	78.0	79.2	79.6	80.7	80.7	81.7	81.7
3000	53.9	60.6	65.8	67.7	73.4	74.4	76.4	77.1	77.2	79.4	80.7	81.1	82.1	82.1	83.1	83.1
	54.8	61.7	67.1	69.1	75.1	76.4	78.4	79.4	79.8	82.1	83.4	83.7	84.9	84.9	85.8	85.8
2500	54.9	61.8	67.5	70.0	76.2	77.5	79.8	80.9	81.3	83.9	85.1	85.5	86.6	86.7	87.7	87.7
	56.1	62.3	68.2	70.7	77.2	78.4	80.9	82.4	82.9	85.6	87.1	87.6	88.9	88.9	89.9	89.9
2000	56.3	62.6	68.7	71.7	78.9	80.2	82.9	84.4	84.9	87.8	89.3	89.7	91.7	92.0	93.2	93.2
	56.3	62.6	68.8	71.9	79.2	80.4	83.1	84.7	85.7	89.2	92.1	92.6	94.2	94.5	95.7	95.7
1500	56.3	62.6	68.8	71.9	79.2	80.4	83.1	84.9	86.2	89.7	92.6	93.1	95.0	95.2	96.4	96.4
	56.3	62.6	68.8	71.9	79.2	80.4	83.1	84.9	86.2	89.8	93.0	93.5	95.7	96.1	97.4	97.6
1000	56.3	62.6	68.8	71.9	79.2	80.4	83.1	84.9	86.2	89.8	93.0	93.6	95.9	96.3	97.8	98.0
	56.3	62.6	68.8	71.9	79.2	80.4	83.1	84.9	86.2	89.8	93.0	93.6	95.9	96.3	97.8	98.0

TOTAL NUMBER OF OBSERVATIONS 8112

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] CAPE ROMANZOF AFS AK 73-31 [illegible]
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥	≥	≥	≥5/6	≥	≥0
[illegible]	24.3	26.1	26.4	26.9	28.1	28.2	29.1	29.3	29.6	30.3	30.7	31.0	31.9	31.9	32.0
	24.4	26.7	27.0	27.5	28.8	29.0	30.1	30.3	30.6	31.3	31.8	32.1	33.0	33.0	33.1
	25.5	27.5	28.0	28.5	29.9	30.1	31.2	31.4	31.7	32.5	33.1	33.5	34.7	34.7	34.8
	25.9	28.0	28.5	29.0	30.4	30.6	31.7	31.9	32.1	33.0	33.6	34.0	35.2	35.2	35.3
	26.1	28.2	28.7	29.2	30.7	30.8	31.9	32.1	32.4	33.3	34.0	34.4	35.6	35.6	35.7
	26.7	28.8	29.3	29.8	31.3	31.4	32.5	32.8	33.0	33.9	34.6	35.0	36.2	36.2	36.3
	27.5	29.6	30.1	30.6	32.0	32.1	33.3	33.5	33.7	34.6	35.3	35.7	36.9	36.9	37.1
	27.9	29.9	30.6	31.0	32.5	32.6	33.7	34.0	34.2	35.1	35.8	36.2	37.4	37.4	37.5
	30.6	32.8	33.4	33.9	35.3	35.5	36.6	36.8	37.1	37.9	38.7	39.0	40.4	40.4	40.5
	31.9	34.5	35.2	35.7	37.5	37.7	38.8	39.0	39.3	40.1	40.8	41.2	42.6	42.6	42.9
	32.8	35.3	36.1	36.6	39.4	38.5	39.6	39.9	40.1	41.0	41.7	42.1	43.4	43.4	43.8
	33.4	36.2	36.9	37.4	39.3	39.4	40.5	40.7	41.0	41.8	42.7	43.1	44.7	44.7	45.1
	34.5	37.3	38.0	38.5	40.4	40.5	41.6	41.8	42.1	42.9	43.8	44.2	45.9	45.9	46.5
	37.3	40.4	41.1	41.6	43.6	43.9	45.2	45.4	45.6	46.6	47.5	47.9	49.6	49.6	50.2
	40.2	44.0	45.4	45.9	48.1	48.5	49.7	49.9	50.2	51.3	52.1	52.5	54.2	54.2	54.8
	42.3	46.5	47.9	48.5	50.8	51.2	52.4	52.6	53.0	54.5	55.3	55.7	57.4	57.4	58.1
	44.0	48.3	49.9	50.6	52.9	53.3	54.5	54.8	55.1	56.7	57.5	57.9	59.6	59.6	60.4
	49.1	54.2	55.8	56.4	58.7	59.1	60.3	60.6	60.9	62.5	63.3	63.7	65.4	65.4	66.2
	46.5	51.4	53.6	54.2	56.6	56.9	58.2	58.7	58.9	60.6	61.6	62.0	63.7	63.7	64.4
	48.5	53.7	56.3	57.1	59.5	62.0	61.3	62.0	62.2	63.9	65.0	65.4	67.2	67.2	68.1
	49.7	55.7	58.9	59.6	62.9	63.6	65.2	66.1	66.5	68.5	69.7	70.1	71.9	71.9	72.8
	51.4	56.9	60.4	61.2	64.5	65.5	67.2	68.5	68.9	71.0	72.4	72.8	74.6	74.6	75.5
	55.9	58.2	61.7	62.6	66.3	67.3	68.7	70.1	70.4	72.8	74.2	74.6	76.4	76.4	77.3
	51.0	58.4	62.1	63.2	66.9	67.6	69.4	71.0	71.4	73.9	75.5	75.8	77.8	77.8	78.7
	51.3	59.3	63.1	64.3	68.0	68.7	70.6	72.3	72.8	75.3	76.9	77.3	79.4	79.4	80.2
	52.4	61.5	65.4	66.7	70.6	71.3	73.3	75.1	75.5	78.1	80.4	80.7	82.8	82.8	83.9
	52.9	62.5	66.4	67.7	72.0	72.9	74.8	76.9	77.5	81.3	83.3	83.7	86.3	86.3	87.5
	53.0	62.9	67.1	68.5	72.8	73.6	75.7	77.8	78.4	82.2	85.2	85.5	88.2	88.2	89.4
	53.1	63.4	67.9	69.4	73.9	74.7	77.1	79.1	80.1	84.3	88.5	88.8	91.9	91.9	93.1
	53.1	63.6	68.1	69.7	74.1	75.0	77.3	79.5	80.4	84.9	89.7	90.1	93.4	93.4	94.7
	53.1	63.8	68.3	69.9	74.5	75.3	77.7	80.0	80.9	85.5	90.6	90.9	94.5	94.5	96.1
	53.1	63.9	68.3	69.9	74.5	75.3	77.7	80.0	80.9	85.5	90.7	91.0	94.7	95.1	96.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

703123 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (GMT)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
	24.0	26.0	26.2	26.6	27.4	27.5	28.4	26.9	28.9	29.2	30.5	30.6	31.5	31.6	31.9	34.9
2400	25.1	27.1	27.4	27.7	28.5	28.6	29.5	30.3	30.3	30.4	32.2	32.1	33.3	33.1	33.4	33.4
1800	26.2	28.2	28.5	29.0	29.9	30.0	30.9	31.5	31.5	31.9	33.5	33.6	34.8	35.0	35.4	35.5
1200	27.0	29.1	27.4	29.9	30.7	30.9	31.7	32.4	32.4	32.7	34.4	34.5	35.6	36.0	36.4	36.5
1000	27.6	29.9	30.2	30.7	31.6	31.7	32.6	33.2	33.2	33.6	35.3	35.4	35.5	36.9	37.3	37.4
900	28.7	31.1	31.5	32.0	32.9	33.1	34.0	34.6	34.6	35.0	36.6	36.8	37.9	38.3	38.6	38.6
800	29.5	32.1	32.5	33.0	34.0	34.1	35.0	35.6	35.6	36.0	37.6	37.8	38.9	39.3	39.6	39.8
700	29.7	32.4	32.7	33.2	34.4	34.5	35.4	36.0	36.0	36.4	38.0	38.1	39.3	39.6	40.0	40.2
600	32.7	35.4	35.8	36.3	37.4	37.5	38.4	39.0	39.0	39.4	41.0	41.2	42.3	42.7	43.0	43.2
500	34.5	37.4	37.8	38.3	39.5	39.6	40.5	41.2	41.2	41.5	43.2	43.3	44.4	44.8	45.2	45.3
400	35.5	38.1	38.5	39.0	40.3	40.4	41.4	42.0	42.0	42.4	44.0	44.2	45.3	45.7	46.0	46.2
300	36.6	39.3	39.6	40.2	41.4	41.5	42.5	43.2	43.2	43.5	45.2	45.3	46.4	46.8	47.2	47.2
250	37.4	40.2	40.5	41.0	42.3	42.4	43.4	44.0	44.0	44.4	46.0	46.2	47.3	47.7	48.1	48.2
200	39.6	42.5	42.9	43.4	44.7	44.8	45.8	46.4	46.4	46.9	48.6	48.7	49.9	50.4	50.8	51.0
150	42.3	45.3	45.8	46.3	47.6	47.7	48.9	49.6	49.6	50.2	51.8	51.9	53.3	53.8	54.2	54.3
100	44.5	47.9	48.4	48.9	50.3	50.6	52.4	53.2	53.2	54.2	55.5	56.0	57.3	57.8	58.2	58.5
70	47.9	51.9	52.6	53.1	54.5	54.7	56.5	57.3	57.3	58.3	60.0	60.1	61.5	62.0	62.4	62.6
50	49.7	54.3	55.1	55.7	57.1	57.3	59.3	60.2	60.2	61.2	62.9	63.0	64.4	64.9	65.6	65.9
30	49.9	54.7	55.5	56.1	57.5	57.7	59.7	60.6	60.6	61.6	63.2	63.4	64.7	65.2	66.0	66.2
20	51.4	56.7	58.0	58.7	60.2	60.6	62.7	63.6	63.6	64.7	66.4	66.6	68.0	68.5	69.5	69.8
15	52.6	58.7	60.1	61.2	63.4	64.0	66.2	67.4	67.5	68.9	70.5	70.8	72.3	72.8	73.8	74.0
10	53.3	59.7	61.1	62.5	65.0	65.6	67.9	69.3	69.5	71.0	72.6	72.9	74.5	75.0	76.2	76.5
7	54.2	60.9	62.4	63.9	66.6	67.3	69.6	71.3	71.5	73.3	75.2	75.4	77.0	77.5	78.7	79.2
5	54.3	61.1	62.7	64.2	67.0	67.6	70.0	72.1	72.4	74.3	76.2	76.4	78.3	78.8	79.9	80.4
4	54.7	61.9	63.5	65.0	68.0	68.6	71.4	73.7	73.9	75.8	77.7	77.9	79.8	80.3	81.4	81.9
3	55.6	63.6	65.5	67.1	70.8	71.4	74.3	76.9	77.2	79.3	82.1	82.3	84.3	84.8	85.9	86.4
2	56.1	64.5	66.6	68.3	72.0	72.6	75.5	78.7	78.9	81.4	84.4	84.8	87.3	87.8	89.1	89.6
1	56.1	64.9	67.1	69.0	72.9	73.5	76.5	79.8	80.2	82.9	87.0	87.3	90.0	90.5	91.7	92.5
0	56.1	65.0	67.5	69.5	73.4	74.0	77.2	80.4	80.8	84.1	88.6	89.0	91.7	92.3	93.6	94.4
M	56.1	65.1	67.6	69.8	73.8	74.4	77.5	80.8	81.2	84.6	89.7	90.2	93.1	93.7	95.0	96.0
	56.1	65.2	67.8	69.9	73.9	74.5	77.7	80.9	81.4	85.1	90.5	91.0	94.0	94.6	95.9	97.0
	56.1	65.2	67.8	69.9	73.9	74.5	77.7	80.9	81.4	85.1	90.5	91.0	94.1	94.7	96.1	97.1

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72212 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	≥0		
[illegible]	24.6	26.5	26.7	27.2	27.8	28.1	28.3	28.8	28.8	28.9	29.1	29.1	29.6	29.7	30.1	30.1
2[illegible]	25.4	27.3	27.5	28.0	28.6	28.9	29.1	29.6	29.6	29.7	29.9	29.9	30.4	31.[illegible]	31.4	31.4
3[illegible]	26.5	28.5	28.6	29.1	29.7	30.1	30.2	30.7	30.7	30.9	31.0	31.0	31.5	32.3	32.6	32.6
4[illegible]	27.2	29.1	29.3	29.7	30.4	30.7	30.9	31.4	31.4	31.5	31.7	31.7	32.3	33.1	33.6	33.8
5[illegible]	27.3	29.3	29.4	29.9	30.5	30.9	31.0	31.5	31.5	31.7	31.8	31.8	32.5	33.3	33.8	33.9
6[illegible]	28.5	30.4	30.6	31.0	31.7	32.0	32.2	32.6	32.6	33.1	33.3	33.3	33.9	34.7	35.2	35.4
7[illegible]	28.6	30.5	30.7	31.4	32.0	32.3	32.5	33.0	33.0	33.4	33.6	33.6	34.6	35.4	35.9	36.0
8[illegible]	28.9	30.9	31.2	31.8	32.5	32.8	33.1	33.6	33.6	34.1	34.2	34.2	35.2	36.0	36.5	36.7
9[illegible]	30.7	32.6	33.[illegible]	33.8	34.4	34.7	35.0	35.5	35.5	36.0	36.2	36.2	37.1	37.9	38.4	38.6
10[illegible]	34.6	36.5	36.8	37.6	38.3	38.6	39.1	39.5	39.5	40.0	40.2	40.2	41.2	42.0	42.4	42.9
11[illegible]	35.4	37.3	37.6	38.4	39.1	39.4	39.9	40.4	40.4	40.8	41.0	41.0	42.0	42.8	43.2	43.7
12[illegible]	38.3	40.4	40.7	41.5	42.1	42.4	42.9	43.4	43.4	43.9	44.1	44.1	45.0	45.8	46.3	46.6
13[illegible]	38.6	40.7	41.0	41.8	42.4	42.8	43.2	43.7	43.7	44.2	44.4	44.4	45.3	46.1	46.6	47.1
14[illegible]	40.2	42.4	43.1	43.9	44.7	45.0	45.5	46.0	46.0	46.5	46.8	46.8	47.9	48.7	49.2	49.7
15[illegible]	42.9	45.8	46.5	47.3	48.1	48.4	48.9	49.4	49.4	50.2	50.5	50.5	52.1	52.9	53.4	53.9
16[illegible]	45.7	48.9	49.6	50.3	51.3	51.6	52.6	53.1	53.1	53.9	54.2	54.2	55.8	56.6	57.1	57.6
17[illegible]	47.3	51.3	52.1	53.1	54.0	54.5	55.5	55.9	55.9	56.8	57.4	57.4	59.0	59.8	60.3	60.8
18[illegible]	49.0	53.4	54.3	55.5	56.6	57.1	58.2	58.7	58.7	59.5	60.1	60.1	61.7	62.5	63.0	63.5
19[illegible]	49.0	53.5	54.5	55.6	56.8	57.2	58.4	58.8	58.8	59.6	60.3	60.3	61.9	62.7	63.2	63.7
20[illegible]	50.5	55.3	56.6	57.7	58.8	59.3	60.9	61.4	61.4	62.7	63.5	63.8	65.4	66.2	66.7	67.2
21[illegible]	52.7	58.0	60.0	61.6	62.9	63.5	65.3	65.8	65.9	67.2	68.0	68.3	69.9	70.7	71.2	71.7
22[illegible]	53.9	59.5	61.7	63.3	65.4	66.2	67.8	68.5	68.6	70.1	70.9	71.2	72.8	73.6	74.3	74.8
23[illegible]	54.3	60.1	62.7	64.3	66.6	67.4	69.1	70.4	70.6	72.5	73.3	73.6	75.6	76.4	77.1	77.5
24[illegible]	54.8	60.6	63.3	65.0	67.2	68.3	70.1	71.5	71.7	74.0	75.2	75.6	77.5	78.3	78.9	79.7
25[illegible]	55.0	60.8	63.5	65.1	67.4	68.5	70.4	72.3	72.7	74.9	76.5	76.8	78.9	79.9	80.5	81.4
26[illegible]	55.1	61.3	64.3	66.1	68.6	69.8	71.9	74.0	74.3	77.3	79.3	79.6	81.8	83.4	84.1	84.9
27[illegible]	55.5	61.9	65.4	67.2	69.8	71.1	73.5	76.5	76.9	80.1	82.2	82.5	84.9	86.5	87.5	88.3
28[illegible]	55.8	62.2	65.9	67.7	70.3	71.9	74.3	77.3	77.8	81.5	84.2	84.6	87.0	88.6	89.5	90.4
29[illegible]	55.8	62.2	66.1	67.8	70.4	72.0	74.8	78.3	78.9	83.3	86.3	86.7	89.2	90.8	92.1	92.9
30[illegible]	55.8	62.2	66.1	67.8	70.4	72.0	74.9	78.5	79.1	83.4	86.7	87.0	90.4	92.0	93.4	94.5
[illegible]	55.8	62.4	66.2	68.0	70.6	72.2	75.7	79.3	79.9	84.6	88.4	88.7	92.3	93.9	95.3	96.[illegible]
[illegible]	55.8	62.4	66.2	68.0	70.6	72.2	75.7	79.3	79.9	84.6	89.2	89.5	93.1	94.7	96.8	98.3

TOTAL NUMBER OF OBSERVATIONS 622

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 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73,78-81 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 — HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
NO CEILING	24.7	25.2	25.7	25.7	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.3	27.6	27.6	27.6	27.6
≥20000	25.5	26.0	26.5	26.5	27.9	27.9	27.9	27.9	27.9	27.9	28.1	28.1	28.4	28.4	28.4	28.4
≥ 8000	27.9	28.6	29.2	29.2	30.5	30.5	30.5	30.5	30.5	30.5	30.8	30.8	31.0	31.0	31.0	31.0
≥ 5000	29.2	30.0	30.5	30.5	31.8	31.8	31.8	31.8	31.8	31.8	32.1	32.1	32.4	32.4	32.4	32.4
≥ 4000	29.4	30.2	30.8	30.8	32.4	32.4	32.4	32.4	32.4	32.4	32.6	32.6	32.9	32.9	32.9	32.9
≥ 3000	30.5	31.3	31.8	31.8	33.4	33.4	33.4	33.4	33.4	33.4	33.7	33.7	34.0	34.0	34.0	34.0
≥ 2500	30.5	31.3	31.8	31.8	33.4	33.4	33.4	33.4	33.4	33.4	33.7	33.7	34.0	34.0	34.0	34.0
≥ 2000	31.0	32.1	32.6	32.6	34.2	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.7	34.7	34.7	34.7
≥ 1800	31.6	32.6	33.2	33.2	34.7	34.7	34.7	34.7	34.7	34.7	35.0	35.0	35.3	35.3	35.3	35.3
≥ 1500	36.5	37.1	37.7	37.7	39.5	39.5	39.5	39.5	39.5	39.5	39.8	39.8	40.1	40.1	40.1	40.1
≥ 1000	36.6	38.5	39.0	39.3	41.1	41.1	41.1	41.1	41.1	41.1	41.4	41.4	41.6	41.6	41.9	41.9
≥ 900	38.7	41.4	41.9	42.2	44.0	44.0	44.0	44.0	44.0	44.0	44.3	44.3	44.6	44.6	44.8	44.8
≥ 800	39.8	42.4	43.0	43.2	45.1	45.1	45.1	45.1	45.1	45.1	45.4	45.4	45.6	45.6	45.9	45.9
≥ 700	42.2	44.8	45.4	45.6	47.5	47.5	47.5	47.5	47.5	47.5	48.3	48.3	48.5	48.5	48.8	48.8
≥ 600	44.0	47.2	47.7	48.0	49.9	49.9	49.9	49.9	49.9	49.9	51.7	51.7	51.7	51.7	52.0	52.0
≥ 500	46.9	50.9	51.7	52.0	53.8	53.8	53.8	53.8	53.8	53.8	54.6	54.6	55.7	55.7	56.1	56.1
≥ 400	48.8	53.8	54.9	55.2	57.0	57.0	57.0	57.0	57.0	57.0	57.8	57.8	58.9	58.9	59.2	59.2
≥ 300	51.2	57.3	58.6	59.4	61.5	61.5	61.5	61.5	61.5	61.5	62.9	62.9	63.9	63.9	64.2	64.2
≥ 200	52.0	58.1	59.4	60.2	62.3	62.3	62.9	63.1	63.1	63.1	64.5	64.5	65.5	65.5	65.8	65.8
≥ 150	52.8	60.2	61.5	62.3	64.5	64.5	65.0	65.3	65.3	65.3	66.6	66.6	67.6	67.6	67.9	67.9
≥ 100	54.6	62.3	63.7	64.5	66.8	67.4	67.9	68.2	68.2	68.2	69.5	69.5	70.6	70.6	70.9	70.8
≥ 50	55.7	63.7	66.0	67.1	69.5	70.0	70.6	71.4	71.4	71.4	72.9	72.9	74.0	74.0	74.3	74.3
≥ 0	57.6	65.8	68.2	69.2	71.6	72.1	72.9	74.8	74.8	75.6	77.2	77.2	78.2	78.2	78.5	78.5
8/8	57.6	65.8	69.0	70.0	72.4	73.5	74.3	76.1	76.1	76.9	79.6	79.6	80.6	80.6	80.9	80.9
7/8	57.6	66.0	69.2	70.3	72.7	74.0	74.8	76.3	76.3	78.8	81.7	81.7	82.8	82.8	83.0	83.3
6/8	57.8	66.6	69.8	71.1	74.3	76.1	76.9	80.4	80.4	81.2	84.4	84.4	85.4	85.4	85.7	86.5
5/8	58.1	67.1	70.6	72.1	75.6	77.5	79.0	82.5	82.5	83.3	86.7	86.7	87.8	87.8	88.1	88.9
4/8	58.4	67.6	71.1	72.7	76.4	79.0	80.6	84.9	84.9	85.9	89.7	89.7	90.7	90.7	91.8	93.1
3/8	58.4	67.6	71.1	72.7	76.4	79.0	80.6	84.9	84.9	85.9	89.7	89.7	90.7	90.7	91.8	93.1
2/8	58.4	67.6	71.1	72.7	76.4	79.0	80.6	84.9	84.9	85.9	89.9	89.9	91.5	91.5	92.6	93.9
1/8	58.4	67.6	71.1	72.7	76.4	79.0	80.6	84.9	84.9	86.5	90.5	90.5	93.4	93.4	94.7	96.1
0	58.4	67.6	71.1	72.7	76.4	79.0	80.6	84.9	84.9	86.5	90.5	91.2	94.4	94.7	96.8	98.2

TOTAL NUMBER OF OBSERVATIONS 377

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

700120 CAPE ROMANZOF AFS AK 74-81 JAN
STATION NUMBER STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOUR

CEILING (HUNDREDS OF FEET)	VISIBILITY: STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0		
≥22000	34.3	36.7	37.6	37.6	38.0	38.0	38.4	38.4	38.4	39.3	39.9	39.9	40.8	40.8	41.0	41.0	
≥20000	38.1	37.5	38.4	38.4	38.7	38.7	39.1	39.1	39.1	40.0	40.6	40.6	41.5	41.5	41.7	41.7	
≥18000	36.7	39.3	40.2	40.4	40.8	40.8	41.3	41.3	41.3	42.3	42.8	42.8	43.7	43.7	43.9	43.9	
≥16000	37.3	40.0	41.0	41.1	41.5	41.5	42.1	42.1	42.1	43.0	43.5	43.5	44.5	44.5	44.9	44.8	
≥14000	37.6	40.4	41.3	41.5	41.9	41.9	42.4	42.4	42.4	43.4	43.9	43.9	44.8	44.8	45.2	45.2	
≥12000	37.8	40.6	41.5	41.7	42.1	42.1	42.6	42.6	42.6	43.5	44.1	44.1	45.0	45.0	45.4	45.4	
≥11000	38.2	41.0	41.9	42.1	42.4	42.4	43.0	43.0	43.0	43.9	44.5	44.5	45.8	45.8	46.1	46.1	
≥10000	38.4	41.1	42.1	42.3	42.6	42.6	43.2	43.2	43.2	44.1	44.6	44.6	45.9	45.9	46.3	46.3	
≥9000	39.5	42.3	43.2	43.4	43.7	43.7	44.3	44.3	44.3	45.2	45.8	45.8	47.1	47.1	47.4	47.4	
≥8000	41.7	44.5	45.4	45.6	45.9	45.9	46.5	46.5	46.5	47.4	48.0	48.0	49.4	49.4	49.8	49.8	
≥7000	42.4	45.4	46.3	46.5	46.9	46.9	47.4	47.4	47.4	48.3	48.9	48.9	50.4	50.4	50.7	50.7	
≥6000	43.5	46.7	48.2	48.3	48.7	48.7	49.3	49.3	49.3	50.2	50.7	50.7	52.6	52.6	53.0	53.0	
≥5000	45.2	48.3	50.0	50.2	50.6	50.6	51.1	51.1	51.1	52.0	52.6	52.6	54.6	54.6	55.0	55.0	
≥4000	46.3	49.4	51.1	51.3	51.7	51.7	52.2	52.2	52.2	53.1	53.7	53.7	55.7	55.7	56.5	56.5	
≥3500	47.4	50.7	52.4	53.0	53.3	53.3	53.9	53.9	53.9	54.8	55.4	55.4	57.7	57.7	58.5	58.5	
≥3000	49.6	53.0	54.6	55.2	55.7	55.7	56.3	56.3	56.3	57.4	57.9	57.9	60.3	60.3	61.1	61.1	
≥2500	52.0	55.7	57.6	58.3	58.9	58.9	59.4	59.4	59.4	60.5	61.1	61.1	63.5	63.5	64.2	64.2	
≥2200	53.7	57.9	59.8	60.7	61.4	61.4	62.0	62.0	62.0	63.1	63.7	63.7	66.1	66.1	66.8	66.8	
≥2000	54.4	58.9	60.7	61.8	62.5	62.5	63.3	63.3	63.3	64.4	64.9	64.9	67.3	67.3	68.1	68.1	
≥1800	56.3	61.3	63.1	64.2	65.3	65.3	66.1	66.1	66.1	67.3	67.9	67.9	70.3	70.3	71.0	71.0	
≥1600	58.5	64.8	66.8	67.9	70.1	70.1	70.8	71.0	71.0	72.5	73.1	73.1	75.6	75.6	76.4	76.4	
≥1400	60.7	65.3	67.3	68.8	71.2	71.2	72.1	73.1	73.1	74.5	75.1	75.1	77.9	77.9	78.6	78.6	
≥1200	59.3	66.4	68.6	70.5	73.1	73.2	74.2	76.0	76.0	77.5	78.0	78.0	80.8	80.8	81.5	81.5	
≥1000	60.0	67.0	69.2	71.0	73.6	74.0	74.9	76.8	76.8	78.2	79.3	79.3	82.1	82.1	82.9	82.8	
≥900	60.1	67.3	69.9	72.0	74.7	75.3	76.2	78.6	78.6	80.1	81.4	81.4	84.1	84.1	84.9	84.9	
≥800	60.3	67.9	70.5	72.9	76.0	76.6	77.5	80.6	80.6	82.3	83.6	83.6	86.3	86.3	87.1	87.1	
≥700	60.5	68.5	71.4	74.2	78.1	78.6	80.6	83.8	83.8	85.4	86.9	86.9	89.9	89.9	90.6	90.8	
≥600	60.5	68.6	71.6	74.4	78.2	79.3	81.4	85.4	85.4	87.1	88.9	89.1	92.6	92.6	93.5	93.9	
≥500	60.5	68.6	71.6	74.4	78.4	79.5	81.7	85.6	85.8	88.0	90.2	91.2	93.7	93.7	94.6	95.4	
≥400	60.5	68.6	71.6	74.4	78.4	79.5	81.7	85.8	85.8	88.0	90.4	91.6	94.8	94.8	95.8	96.3	
≥300	60.5	68.6	71.6	74.4	78.4	79.5	81.7	85.8	85.8	88.0	90.4	91.6	95.4	95.4	96.5	98.0	
0	60.5	68.6	71.6	74.4	78.4	79.5	81.7	85.8	85.8	88.0	90.4	91.6	95.9	95.9	97.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 542

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70212C | CAPE ROMANZOF AFS AK | 73-81 | JAN
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥2	≥1¼	≥¾	≥½	<½
≥ 20000	28.8	31.2	31.9	32.4	33.4	33.5	34.2	34.4	34.5	35.1	35.5	35.7	36.0	36.6	37.0	37.2
≥ 10000	29.6	31.9	32.8	33.3	34.3	34.5	35.1	35.4	35.4	36.1	36.6	36.7	37.5	37.6	38.0	38.1
≥ 8000	30.4	32.7	33.6	34.2	35.2	35.4	36.1	36.3	36.4	37.1	37.6	37.7	38.6	38.6	39.2	39.2
≥ 6000	31.0	33.4	34.3	34.9	35.9	36.1	36.8	37.1	37.1	37.8	38.3	38.4	39.4	39.5	40.2	40.1
≥ 4500	31.3	33.6	34.5	35.2	36.3	36.4	37.1	37.4	37.4	38.1	38.7	38.8	39.8	39.9	40.5	40.5
≥ 4000	31.8	34.2	35.2	35.7	36.8	37.0	37.7	37.9	38.0	38.7	39.3	39.4	40.4	40.5	41.1	41.1
≥ 3500	32.1	34.6	35.6	36.2	37.3	37.5	38.2	38.4	38.5	39.2	39.8	39.9	41.0	41.1	41.6	41.7
≥ 3000	32.6	35.2	36.2	36.8	38.0	38.1	38.9	39.1	39.2	39.9	40.5	40.6	41.6	41.8	42.3	42.4
≥ 2500	34.7	37.3	38.4	39.0	40.2	40.4	41.1	41.3	41.4	42.1	42.7	42.8	43.9	44.1	44.6	44.7
≥ 2000	36.7	39.6	40.7	41.4	42.7	42.9	43.6	43.8	43.9	44.6	45.2	45.4	46.6	46.7	47.4	47.5
≥ 1800	37.6	40.6	41.7	42.4	43.7	43.9	44.6	44.9	44.9	45.7	46.3	46.5	47.7	47.8	48.5	48.6
≥ 1600	38.2	42.3	43.6	44.4	45.8	45.9	46.7	47.3	47.3	47.8	48.5	48.6	50.1	50.2	51.0	51.2
≥ 1400	40.2	43.4	44.7	45.5	47.0	47.1	47.9	48.2	48.2	49.0	49.7	49.8	51.2	51.4	52.1	52.2
≥ 1200	42.5	45.9	47.3	48.1	49.6	49.8	50.6	50.9	50.9	51.7	52.5	52.7	54.1	54.3	55.1	55.1
≥ 1000	44.7	48.4	50.0	50.8	52.5	52.7	53.6	53.8	53.9	54.7	55.6	55.7	57.3	57.5	58.2	58.3
≥ 900	46.6	50.8	52.5	53.5	55.4	55.6	56.6	56.9	57.0	58.0	58.8	58.9	60.6	60.7	61.5	61.6
≥ 800	48.3	53.0	54.9	55.9	57.9	58.1	59.2	59.5	59.5	60.6	61.5	61.6	63.2	63.4	64.1	64.3
≥ 700	49.9	54.9	57.1	58.3	60.5	60.8	61.9	62.2	62.3	63.4	64.3	64.4	66.1	66.2	67.1	67.3
≥ 600	50.4	55.7	57.9	59.2	61.4	61.7	62.8	63.2	63.3	64.4	65.3	65.5	67.1	67.3	68.1	68.3
≥ 500	51.9	57.8	60.3	61.6	64.1	64.4	65.7	66.1	66.2	67.4	68.4	68.5	70.2	70.3	71.2	71.5
≥ 450	53.6	60.3	63.2	64.9	67.9	68.3	69.9	70.4	70.5	71.9	73.1	73.2	74.9	75.1	76.0	76.2
≥ 400	54.2	61.2	64.5	66.3	69.7	70.1	71.9	72.7	72.8	74.4	75.5	75.7	77.5	77.7	78.7	78.9
≥ 350	54.8	62.1	65.5	67.3	70.8	71.4	73.3	74.4	74.6	76.3	77.5	77.7	79.5	79.7	80.7	81.0
≥ 300	55.0	62.5	66.1	68.0	71.7	72.5	74.4	75.8	75.9	77.8	79.2	79.4	81.3	81.4	82.4	82.7
≥ 250	55.2	62.9	66.6	68.6	72.5	73.3	75.5	77.2	77.4	79.3	80.8	81.0	82.9	83.1	84.1	84.5
≥ 200	55.7	63.9	67.7	69.8	74.0	74.9	77.2	79.2	79.4	81.6	83.4	83.6	85.6	85.9	86.9	87.2
≥ 150	56.0	64.5	68.5	70.8	75.5	76.4	79.1	81.4	81.7	84.1	86.1	86.4	88.7	89.0	90.2	90.6
≥ 100	56.1	64.7	68.9	71.2	75.9	77.0	79.8	82.4	82.6	85.5	88.2	88.5	91.0	91.3	92.8	93.3
≥ 080	56.2	64.8	69.0	71.5	76.2	77.3	80.2	82.9	83.4	86.6	89.7	90.1	92.7	93.1	94.5	95.1
≥ 060	56.2	64.8	69.1	71.5	76.3	77.4	80.4	83.1	83.5	86.8	90.2	90.6	93.2	93.7	95.2	95.9
≥ 040	56.2	64.9	69.2	71.6	76.4	77.5	80.5	83.3	83.7	87.2	90.6	91.2	94.5	94.8	96.6	97.4
≥ 000	56.2	64.9	69.2	71.6	76.4	77.5	80.5	83.3	83.7	87.2	90.9	91.4	94.9	95.2	97.2	98.0

TOTAL NUMBER OF OBSERVATIONS 7544

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]	CAPE ROMANZOF AFS AK	73-81	FEB
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOUR LST

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥¾	≥½	≥¼	≥¼	2	≥1.5/8	≥¼	≥0
[illegible]	42.7	46.7	49.1	49.6	50.9	51.2	51.9	53.0	53.2	53.6	54.[illegible]	54.[illegible]	54.4	54.4	54.9	55.4
≥20000	43.3	47.2	49.8	50.4	51.8	52.0	52.8	53.9	54.0	54.4	55.[illegible]	55.[illegible]	55.4	55.4	55.9	56.4
≥18000	43.3	47.2	49.9	50.5	52.2	52.5	53.2	54.3	54.4	54.9	55.4	55.4	55.9	55.9	56.3	56.8
≥16000	43.3	47.2	49.9	50.5	52.2	52.5	53.2	54.3	54.4	54.9	55.4	55.4	55.9	55.9	56.3	56.8
≥14000	43.3	47.2	49.9	50.5	52.2	52.5	53.2	54.3	54.4	54.9	55.4	55.4	55.9	55.9	56.3	56.8
≥12000	43.3	47.2	49.9	50.5	52.2	52.5	53.2	54.3	54.4	54.9	55.4	55.4	55.9	55.9	56.3	56.8
≥11000	43.4	47.4	50.1	50.6	52.3	52.6	53.3	54.4	54.6	55.0	55.6	55.6	56.1	56.[illegible]	56.4	57.0
≥10000	43.9	47.8	50.5	51.1	52.8	53.0	53.7	54.9	55.0	55.4	56.0	56.0	56.4	56.4	56.8	57.4
≥9000	45.8	49.6	52.5	53.0	54.7	55.0	55.7	56.8	57.0	57.4	58.0	58.0	58.4	58.4	58.8	59.4
≥8000	47.0	51.9	54.6	55.1	57.3	57.5	58.3	59.4	59.5	60.0	60.4	60.4	61.2	61.2	61.6	62.2
≥7000	47.2	52.5	55.1	55.9	58.1	58.4	59.1	60.2	60.4	61.1	61.6	61.6	62.3	62.3	62.9	63.5
≥6000	48.2	53.7	57.0	58.1	60.4	60.6	61.4	62.5	62.8	63.3	63.9	63.9	64.9	64.9	65.7	66.3
≥5000	48.5	54.0	57.3	58.4	60.9	61.2	61.9	63.0	63.2	63.9	64.5	64.5	65.6	65.6	66.3	66.9
≥4500	49.5	55.9	59.1	60.2	62.8	63.5	64.3	65.4	65.6	66.7	67.3	67.3	68.4	68.4	68.8	69.5
≥4000	49.8	56.6	59.8	60.9	63.5	64.2	65.0	66.1	66.3	67.4	68.[illegible]	68.[illegible]	69.1	69.1	69.5	70.2
≥3500	51.5	57.3	60.5	61.6	64.3	65.0	65.9	67.0	67.1	68.3	69.1	69.2	70.2	70.2	70.7	71.4
≥3000	51.5	59.0	62.3	63.5	66.1	66.9	67.7	68.8	69.0	70.1	71.4	71.4	72.5	72.5	72.9	73.6
≥2500	52.9	60.5	63.9	65.2	68.5	69.3	70.1	71.2	71.4	72.5	73.8	73.8	74.9	74.9	75.5	76.3
≥2200	53.2	60.9	64.6	65.9	69.3	70.0	70.8	71.9	72.1	73.2	74.5	74.5	75.6	75.6	76.2	77.0
≥2000	53.7	61.6	65.3	66.9	70.8	71.5	72.6	73.8	73.9	75.5	76.7	76.7	77.9	77.9	78.4	79.2
≥1800	55.2	63.2	67.4	69.0	73.5	74.2	75.3	76.4	76.6	78.1	79.7	79.7	80.8	80.8	81.4	82.2
≥1600	56.6	64.5	68.3	70.2	74.8	75.5	76.6	77.7	77.9	79.4	81.5	81.5	82.7	82.7	83.5	84.6
≥1400	57.1	65.2	69.7	71.7	76.2	76.9	78.0	79.1	79.3	81.0	83.8	83.3	84.9	84.9	85.8	86.9
≥1200	57.4	65.7	70.7	72.8	77.3	78.0	79.4	81.1	81.2	82.9	85.8	85.8	86.9	87.[illegible]	88.[illegible]	89.[illegible]
≥1000	58.0	66.4	71.4	73.5	78.[illegible]	78.8	80.5	82.4	82.5	84.2	87.2	87.2	88.7	89.0	89.[illegible]	91.3
≥900	58.4	66.9	71.9	74.0	79.4	80.3	82.2	84.6	84.8	87.0	90.0	90.0	92.1	92.4	93.7	95.[illegible]
≥800	58.4	66.9	72.4	74.5	8[illegible].0	80.8	82.8	85.3	85.5	87.9	91.1	91.1	93.7	93.9	95.[illegible]	97.0
≥700	58.5	67.0	72.5	74.6	80.1	81.0	83.1	85.6	85.8	88.2	91.5	91.7	94.5	94.8	96.[illegible]	98.4
≥600	58.5	67.0	72.5	74.6	80.1	81.0	83.1	85.6	85.8	88.2	91.5	92.0	94.9	95.1	96.9	98.7
≥500	58.5	67.0	72.5	74.6	80.1	81.0	83.1	85.6	85.8	88.3	92.1	92.2	95.1	95.3	97.[illegible]	99.2
≥400	58.5	67.0	72.5	74.6	80.1	81.0	83.2	85.8	85.9	88.4	92.2	92.4	95.2	95.5	97.2	99.6
≥300	58.5	67.0	72.5	74.6	80.1	81.0	83.2	85.8	85.9	88.4	92.2	92.4	95.2	95.5	97.2[illegible]	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 7[illegible]9

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

7 [illegible] CAPE ROMANZOF AFS AK 73-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	[illegible]	26	25	24	23	22	22	2	21+	21	2+	2+	2	25 6	7+	2[illegible]
[illegible]	40.4	44.2	46.9	47.8	49.8	50.3	50.9	51.8	51.8	52.0	52.9	53.1	53.7	53.3	53.3	54.1
[illegible]	40.7	44.5	47.2	48.0	50.1	50.6	51.2	52.1	52.1	52.2	53.2	53.3	53.6	53.6	53.6	54.4
[illegible]	42.2	46.0	48.7	49.5	52.0	52.5	53.1	54.0	54.0	54.1	55.1	55.2	55.5	55.5	55.5	56.3
[illegible]	42.2	46.0	48.7	49.5	52.0	52.5	53.1	54.0	54.0	54.1	55.1	55.2	55.5	55.5	55.5	56.3
[illegible]	42.2	46.0	48.7	49.5	52.0	52.5	53.1	54.0	54.0	54.1	55.1	55.2	55.5	55.5	55.5	56.3
[illegible]	42.2	46.0	48.7	49.5	52.0	52.5	53.1	54.0	54.0	54.1	55.1	55.2	55.6	55.6	55.6	56.3
[illegible]	42.3	46.1	48.8	49.7	52.1	52.6	53.2	54.1	54.1	54.3	55.2	55.4	55.6	55.6	55.6	56.4
[illegible]	42.5	46.3	49.0	49.8	52.2	52.8	53.3	54.3	54.3	54.4	55.4	55.6	55.8	55.8	55.8	56.6
[illegible]	43.1	47.4	50.1	50.9	53.6	54.1	54.7	55.6	55.6	55.8	57.3	57.4	57.7	57.7	57.7	58.5
[illegible]	44.2	48.8	51.6	52.4	55.2	55.9	56.4	57.4	57.5	57.8	59.3	59.4	59.7	59.7	59.7	60.5
[illegible]	44.1	49.1	51.8	52.6	55.5	56.2	56.7	57.7	57.8	58.1	59.6	59.7	60.0	60.0	60.0	61.1
[illegible]	45.0	50.1	53.1	54.5	58.1	58.8	59.3	60.2	60.4	60.7	62.3	62.4	63.0	63.0	63.0	64.0
[illegible]	45.5	51.3	54.3	55.6	59.4	60.1	60.7	61.6	61.7	62.0	63.6	63.8	64.3	64.3	64.3	65.4
[illegible]	45.7	52.0	55.6	57.3	61.2	62.0	63.0	63.9	64.0	64.7	66.4	66.6	67.0	67.0	67.0	68.1
[illegible]	46.5	53.6	57.3	58.9	63.1	63.9	64.9	65.8	65.9	66.6	68.2	68.4	68.9	68.9	68.9	70.0
[illegible]	47.5	54.5	58.3	60.1	64.3	65.1	66.1	67.0	67.2	67.8	69.5	69.6	70.1	70.1	70.1	71.2
[illegible]	48.6	55.6	60.0	61.7	66.2	67.0	68.0	68.9	69.1	69.7	71.5	71.6	72.6	72.6	72.6	73.7
[illegible]	49.4	56.4	61.9	62.7	67.6	68.4	69.3	70.3	70.4	71.1	73.0	73.1	73.9	73.9	73.9	75.0
[illegible]	50.2	57.5	61.9	63.8	69.3	70.1	71.5	72.5	72.6	73.3	75.2	75.3	76.1	76.1	76.1	77.2
[illegible]	50.9	58.2	62.7	64.7	73.6	71.4	72.9	73.8	73.9	75.6	76.9	77.1	77.9	77.9	77.9	79.0
[illegible]	52.1	59.6	64.7	66.9	73.5	74.4	75.8	76.8	76.9	78.7	80.7	81.5	81.3	81.3	81.3	82.4
[illegible]	52.9	60.8	66.2	68.4	75.3	76.1	77.6	78.6	78.7	79.9	82.2	82.4	83.2	83.2	83.2	84.3
[illegible]	53.1	61.3	66.8	69.1	76.3	76.8	78.7	79.8	79.9	81.1	83.9	84.0	84.8	84.8	84.8	85.7
[illegible]	53.1	61.7	67.7	70.1	77.3	78.2	80.1	81.4	81.5	83.2	86.2	86.3	87.5	87.5	87.5	89.6
[illegible]	53.3	62.1	68.1	70.6	77.7	78.6	80.7	82.1	82.4	84.2	87.1	87.2	88.6	88.6	88.7	90.8
[illegible]	53.6	62.7	68.7	71.2	79.1	79.9	82.1	84.0	84.3	86.3	89.6	89.7	91.5	91.5	91.6	93.8
[illegible]	53.7	63.1	69.5	72.3	79.9	80.7	82.9	84.9	85.1	87.5	90.9	91.0	93.1	93.1	93.4	95.7
[illegible]	53.7	63.1	69.5	72.3	79.9	80.9	83.0	85.1	85.3	87.8	91.5	91.6	93.8	93.8	94.4	97.7
[illegible]	53.7	63.1	69.5	72.0	79.9	80.9	83.2	85.2	85.5	87.9	91.6	91.7	94.0	94.2	95.0	98.2
[illegible]	53.7	63.1	69.5	72.0	79.9	80.9	83.2	85.2	85.5	87.9	91.9	92.1	94.3	94.4	95.4	99.3
[illegible]	53.7	63.1	69.5	72.0	79.9	80.9	83.2	85.2	85.5	87.9	91.9	92.0	94.3	94.4	95.5	99.5
[illegible]	53.7	63.2	69.6	72.2	80.1	81.0	83.3	85.3	85.6	88.1	92.0	92.1	94.4	94.5	95.7	100.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GL RAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70120 CAPE ROMANZOF AFS AK 73-81

STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING IN HUNDREDS OF FEET

	≥20	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
≥10	36.1	40.1	42.0	42.4	44.6	44.9	45.4	46.3	46.7	46.7	47.6	47.9	48.4	48.4	49.1	48.7
7	37.1	41.2	43.1	43.4	45.8	46.1	46.6	47.7	47.7	48.1	48.6	48.1	49.6	49.6	50.3	50.0
5	37.4	41.6	43.7	44.1	46.6	46.9	47.5	48.5	48.9	49.1	49.7	50.1	50.7	50.7	51.3	51.0
4	37.4	41.6	43.7	44.1	46.6	46.9	47.5	48.5	48.9	49.1	49.7	50.1	50.7	50.7	51.3	51.0
3	37.7	41.8	44.0	44.4	46.9	47.2	47.7	48.8	49.2	49.4	50.1	50.4	51.0	51.0	51.6	51.3
2½	37.7	41.8	44.0	44.4	46.9	47.2	47.7	48.8	49.2	49.4	50.1	50.4	51.0	51.0	51.6	51.3
2	37.9	42.2	44.4	44.8	47.5	47.7	48.3	49.3	49.7	49.9	50.7	51.0	51.6	51.6	52.1	51.8
1½	38.1	42.4	44.5	44.9	47.6	47.9	48.4	49.5	49.9	50.2	51.0	51.3	51.9	51.9	52.4	52.1
1¼	39.1	44.3	46.1	46.6	49.5	49.9	50.4	51.5	51.9	52.2	53.2	53.4	53.9	53.9	54.4	54.1
1	41.2	46.2	47.3	47.9	50.9	51.3	52.3	53.6	53.9	54.2	55.2	55.4	55.9	55.9	56.4	56.1
¾	43.6	48.7	49.9	50.5	53.7	54.1	55.1	56.3	56.7	56.9	57.9	58.2	58.7	58.7	59.4	59.0
½	44.2	49.3	50.4	51.1	54.6	55.0	56.0	57.2	57.6	57.8	58.9	59.2	59.7	59.7	60.5	60.1
⅜	44.3	49.4	50.6	51.3	54.8	55.2	56.2	57.4	57.8	58.0	59.1	59.4	59.9	59.9	60.6	60.2
¼	44.3	49.4	50.6	51.3	54.8	55.2	56.2	57.4	57.8	58.0	59.1	59.4	59.9	59.9	60.6	60.2
0	44.3	49.5	51.1	52.0	55.3	55.7	56.7	58.2	58.7	58.9	60.1	60.4	60.9	60.9	61.7	61.3
	44.8	50.5	52.2	53.4	56.9	57.3	58.3	59.8	60.3	60.5	61.7	62.1	62.6	62.6	63.4	63.0
	45.2	51.3	53.1	54.4	57.9	58.3	59.3	60.8	61.3	61.5	62.7	63.1	63.6	63.6	64.4	64.0
	46.6	53.2	55.0	56.3	59.8	60.2	61.2	62.7	63.2	63.4	64.6	65.0	65.5	65.5	66.3	65.9
	47.6	54.6	56.4	57.8	61.3	61.7	62.7	64.3	64.8	65.0	66.2	66.6	67.1	67.1	67.9	67.5
	48.4	55.6	57.5	58.9	62.4	62.8	63.8	65.4	65.9	66.1	67.3	67.7	68.2	68.2	69.0	68.6
	50.0	57.8	59.7	61.1	64.7	65.1	66.1	67.8	68.3	68.5	69.7	70.1	70.6	70.6	71.4	71.0
	50.9	59.1	61.0	62.4	66.1	66.5	67.5	69.2	69.7	69.9	71.1	71.5	72.0	72.0	72.8	72.4
	51.6	59.8	61.7	63.1	66.8	67.2	68.2	69.9	70.4	70.6	71.8	72.2	72.7	72.7	73.5	73.1
	52.1	60.5	62.4	63.8	67.5	67.9	68.9	70.6	71.1	71.3	72.5	72.9	73.4	73.4	74.2	73.8
	52.3	60.9	62.8	64.2	67.9	68.3	69.3	71.0	71.5	71.7	72.9	73.3	73.8	73.8	74.6	74.2
	52.9	61.7	63.6	65.0	68.7	69.1	70.1	71.8	72.3	72.5	73.7	74.1	74.6	74.6	75.4	75.0
	53.1	61.8	63.9	65.3	69.0	69.4	70.4	72.1	72.6	72.8	74.0	74.4	74.9	74.9	75.7	75.3
4	53.1	61.8	63.9	65.3	69.0	69.4	70.4	72.1	72.6	72.8	74.0	74.4	74.9	74.9	75.7	75.3
	53.1	61.8	63.9	65.3	69.0	69.4	70.4	72.1	72.6	72.8	74.0	74.4	74.9	74.9	75.7	75.3
	53.1	61.8	63.9	65.3	69.0	69.4	70.4	72.1	72.6	72.8	74.0	74.4	74.9	74.9	75.7	75.3
	53.1	61.8	63.9	65.3	69.0	69.4	70.4	72.1	72.6	72.8	74.0	74.4	74.9	74.9	75.7	75.3

TOTAL NUMBER OF OBSERVATIONS 745

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] CAPE ROMANZOF AFS AK 73-81 [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0	
[illegible]	35.1	37.5	38.3	38.4	39.6	39.6	40.4	40.8	40.9	41.7	42.8	43.1	44.4	44.4	44.5	44.5
[illegible]	35.9	38.4	39.7	39.9	41.2	41.2	42.0	42.4	42.4	43.6	44.7	44.9	46.4	46.4	46.5	46.5
[illegible]	37.5	40.1	41.5	41.6	42.9	43.9	43.7	44.1	44.1	45.3	46.5	46.8	48.3	48.3	48.4	48.4
[illegible]	37.5	40.3	41.6	41.7	43.1	43.1	43.9	44.3	44.3	45.5	46.7	46.9	48.4	48.4	48.5	48.5
[illegible]	37.7	40.7	42.0	42.1	43.5	43.5	44.3	44.7	44.7	45.9	47.1	47.3	48.8	48.8	48.9	48.9
[illegible]	38.3	41.2	42.5	42.7	44.0	44.0	44.6	45.2	45.2	46.4	47.6	47.9	49.3	49.3	49.5	49.5
[illegible]	38.3	41.2	42.5	42.7	44.0	44.0	44.6	45.2	45.2	46.4	47.7	48.0	49.5	49.5	49.7	49.7
[illegible]	38.3	41.2	42.5	42.7	44.0	44.0	44.8	45.5	45.5	46.4	47.7	48.0	49.5	49.5	49.7	49.7
[illegible]	39.5	42.8	44.1	44.4	45.9	46.9	46.7	47.1	47.1	48.3	49.6	49.9	51.3	51.3	51.5	51.5
[illegible]	40.4	44.1	45.5	45.9	47.3	47.3	48.4	48.9	48.9	50.1	51.5	51.7	53.2	53.2	53.7	53.7
[illegible]	41.8	44.5	45.9	46.3	47.7	47.7	48.8	49.3	49.3	50.5	52.1	52.4	54.0	54.0	54.5	54.5
[illegible]	42.3	46.0	47.3	47.7	49.2	49.2	50.3	50.8	50.8	52.0	53.5	53.9	55.6	55.6	56.1	56.1
[illegible]	42.5	46.4	47.7	48.1	49.6	49.6	51.1	51.6	51.6	52.8	54.3	54.7	56.4	56.4	56.9	56.9
[illegible]	44.7	48.8	50.2	51.1	52.5	52.5	54.3	54.9	54.9	56.2	58.1	58.4	60.3	60.3	60.9	61.0
[illegible]	45.9	50.1	51.9	52.4	54.5	54.9	55.9	56.5	56.5	57.9	59.7	60.1	62.0	62.0	62.7	62.7
[illegible]	47.1	51.9	53.7	54.4	56.0	56.4	57.9	58.5	58.5	59.9	61.7	62.2	64.0	64.0	64.8	64.8
[illegible]	48.4	53.5	55.7	56.6	57.7	57.7	59.6	60.3	60.3	61.6	63.5	63.9	65.7	65.7	66.5	67.1
[illegible]	50.4	55.7	57.6	58.4	60.4	60.4	62.3	62.9	62.9	64.3	66.1	66.5	68.4	68.4	69.3	69.9
[illegible]	50.9	56.3	58.1	58.9	60.9	60.9	62.8	63.5	63.5	64.8	66.9	67.2	69.1	69.1	70.1	70.7
[illegible]	51.1	57.5	59.7	60.3	62.3	62.3	64.3	64.9	64.9	66.4	68.7	69.1	71.0	71.1	72.1	72.8
[illegible]	52.7	58.3	61.3	61.2	63.5	63.9	66.3	67.1	67.2	68.8	71.6	72.0	73.9	74.0	75.1	75.8
[illegible]	53.1	59.8	61.1	62.0	64.5	64.9	68.1	68.9	69.1	70.8	73.6	74.0	75.9	76.1	77.2	78.0
[illegible]	53.1	59.2	61.9	62.7	65.3	65.9	68.9	70.1	71.4	72.1	75.1	75.5	77.5	77.7	78.9	79.7
[illegible]	53.1	59.3	61.7	63.1	66.0	66.7	69.7	71.1	71.3	73.1	76.4	76.9	79.1	79.3	80.4	81.2
[illegible]	53.1	59.3	62.1	63.5	66.7	67.5	70.5	71.9	72.1	74.5	77.5	78.0	80.4	80.5	81.7	82.5
[illegible]	53.6	60.1	63.2	64.6	68.7	69.3	73.1	74.9	75.6	77.9	81.3	82.3	84.9	84.9	86.1	86.9
[illegible]	54.0	60.5	63.7	65.7	69.5	70.4	74.1	76.5	77.3	79.7	84.9	85.2	87.9	88.0	89.2	90.1
[illegible]	54.1	60.7	63.9	65.9	69.9	70.8	75.1	77.5	78.7	81.9	86.3	87.3	90.4	90.5	91.9	92.8
[illegible]	54.3	61.8	64.8	66.1	70.1	71.1	75.5	78.3	79.1	81.7	88.1	88.7	91.7	91.9	93.2	94.2
[illegible]	54.4	61.9	64.1	66.3	70.3	71.2	75.6	78.5	79.3	82.3	88.8	89.3	92.5	92.7	94.0	95.0
[illegible]	54.4	60.9	64.1	66.3	70.3	71.2	75.6	78.5	79.3	82.3	88.9	89.5	92.7	92.9	94.4	95.4
[illegible]	54.4	60.9	64.1	66.3	70.3	71.2	75.6	78.5	79.3	82.4	89.2	89.7	93.1	93.3	95.1	96.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] CAPE ROMANZOF AF[illegible] AK 73-81 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

[illegible]	34.7	36.6	37.[illegible]	37.4	38.[illegible]	38.[illegible]	39.[illegible]	39.[illegible]	39.[illegible]	41.2	43.[illegible]	43.[illegible]	43.7	43.7	[illegible]	43.[illegible]
[illegible]	36.2	37.9	39.[illegible]	38.7	4[illegible].1	[illegible]	4[illegible].7	41.2	41.[illegible]	43.1	45.[illegible]	[illegible]	45.[illegible]	45.8	45.[illegible]	[illegible]	46.[illegible]
[illegible]	37.2	39.4	41.[illegible]	40.4	41.7	41.7	42.3	42.[illegible]	43.[illegible]	[illegible]	44.[illegible]	46.[illegible]	46.[illegible]	46.[illegible]	47.7	47.[illegible]	47.[illegible]	48.[illegible]
[illegible]	37.4	38.6	41.[illegible]	40.6	41.9	[illegible].[illegible]	42.4	43.[illegible]	43.[illegible]	45.6	46.[illegible]	46.[illegible]	46.7	47.9	47.[illegible]	48.[illegible]	[illegible]
[illegible]	37.7	41.[illegible]	42.[illegible]	42.9	42.[illegible]	42.[illegible]	42.[illegible]	43.4	43.[illegible]	45.4	47.[illegible]	47.3	48.3	48.[illegible]	48.4	48.6
[illegible]	37.8	40.[illegible]	42.[illegible]	41.1	42.4	42.4	43.[illegible]	43.[illegible]	43.[illegible]	45.6	47.[illegible]	47.5	48.4	48.4	48.6	48.7
[illegible]	38.6	40.9	41.[illegible]	42.0	43.4	43.4	43.[illegible]	44.5	44.[illegible]	46.5	48.[illegible]	48.[illegible]	49.7	49.7	49.[illegible]	49.[illegible]
[illegible]	[illegible].6	40.9	41.[illegible]	42.0	43.4	43.4	43.[illegible]	44.5	44.[illegible]	46.5	48.[illegible]	48.6	49.7	49.7	49.5	49.[illegible]
[illegible]	41.2	42.6	43.2	43.8	45.2	45.2	45.[illegible]	46.2	46.4	48.4	[illegible].5	[illegible].5	51.6	51.6	[illegible].7	[illegible].[illegible]
[illegible]	41.[illegible]	43.4	44.1	44.6	46.1	46.1	47.1	47.7	47.[illegible]	49.9	52.1	52.1	53.3	53.3	53.5	54.[illegible]
[illegible]	41.5	43.[illegible]	44.5	45.2	46.9	46.6	47.7	48.7	49.[illegible]	51.[illegible]	53.2	53.5	54.7	54.7	54.9	[illegible].4
[illegible]	42.[illegible]	45.3	46.[illegible]	46.5	48.2	[illegible].2	49.1	50.1	50.2	52.3	54.6	54.8	56.1	56.1	56.2	56.[illegible]
[illegible]	43.1	45.6	46.2	46.3	48.4	48.4	49.4	50.3	50.[illegible]	52.5	54.8	55.1	56.3	56.3	56.5	57.[illegible]
[illegible]	44.[illegible]	47.7	48.6	49.2	[illegible].[illegible]	[illegible].[illegible]	[illegible].2.1	53.1	[illegible].2	55.3	57.7	58.[illegible]	[illegible].2	[illegible].2	59.5	60.[illegible]
[illegible]	46.7	50.1	51.[illegible]	51.7	53.5	53.5	54.6	55.5	[illegible].7	57.7	[illegible].2	[illegible].4	61.7	61.7	62.1	62.[illegible]
[illegible]	4[illegible].4	52.1	53.3	54.[illegible]	54.2	56.2	57.3	58.4	58.[illegible]	[illegible].[illegible]	[illegible].3	63.3	64.[illegible]	64.5	[illegible].1	[illegible].[illegible]
[illegible]	[illegible].9	53.[illegible]	54.7	55.4	57.7	57.6	58.9	60.[illegible]	60.[illegible]	62.2	64.7	64.9	66.2	66.2	[illegible].7	67.[illegible]
[illegible]	[illegible].3	55.9	57.2	57.[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].3	[illegible].4	62.[illegible]	62.[illegible]	64.[illegible]	[illegible].7	67.9	69.3	69.3	70.[illegible]	70.[illegible]
[illegible]	[illegible].[illegible]	56.3	57.[illegible]	58.3	[illegible].[illegible]	[illegible].[illegible]	[illegible].8	62.9	63.[illegible]	65.2	[illegible].[illegible]	[illegible].[illegible]	[illegible].9	69.3	70.[illegible]	71.[illegible]
[illegible]	[illegible].2	57.2	[illegible].4	59.1	[illegible].7	[illegible].8	[illegible].[illegible]	[illegible].3	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	71.9	71.[illegible]	72.[illegible]	73.[illegible]
[illegible]	[illegible].7	59.3	[illegible].[illegible]	60.4	[illegible].3	[illegible].[illegible]	65.2	[illegible].7	[illegible].[illegible]	[illegible].4	72.[illegible]	[illegible].[illegible]	74.5	74.5	[illegible].4	76.[illegible]
[illegible]	[illegible].6	[illegible].3	[illegible].[illegible]	[illegible].6	[illegible].1	[illegible].6	67.[illegible]	[illegible].5	[illegible].[illegible]	71.2	74.9	75.2	76.9	76.9	78.[illegible]	79.1
[illegible]	[illegible].7	[illegible].4	[illegible].3	[illegible].3	[illegible].1	[illegible].7	[illegible].[illegible]	[illegible].8	[illegible].[illegible]	[illegible].7	[illegible].4	[illegible].6	[illegible].5	[illegible].5	[illegible].6	[illegible].[illegible]
[illegible]	[illegible].2	[illegible].7	[illegible].6	[illegible].6	[illegible].7	[illegible].3	[illegible].7	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	[illegible].4	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	[illegible].[illegible]
[illegible]	[illegible].2	[illegible].7	[illegible].[illegible]	[illegible].[illegible]	[illegible].[illegible]	[illegible].8	[illegible].4	[illegible].9	[illegible].[illegible]	[illegible].4	[illegible].9	[illegible].3	[illegible].4	[illegible].4	[illegible].5	[illegible].[illegible]
[illegible]	[illegible].4	[illegible].3	[illegible].3	[illegible].5	[illegible].7	[illegible].[illegible]	[illegible].4	[illegible].9	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible].6	[illegible].6	[illegible].4	[illegible].[illegible]
[illegible]	[illegible].7	[illegible].5	[illegible].6	[illegible].[illegible]	[illegible].1	[illegible].[illegible]	[illegible].4	[illegible].9	[illegible].[illegible]	[illegible].6	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].2	[illegible].[illegible]	[illegible].[illegible]
[illegible]	[illegible].7	[illegible].5	[illegible].6	[illegible].8	[illegible].1	[illegible].1	[illegible].7	[illegible].6	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].2	[illegible].[illegible]	[illegible].[illegible]
[illegible]	[illegible].7	[illegible].5	[illegible].6	[illegible].8	[illegible].1	[illegible].1	[illegible].7	[illegible].6	[illegible].[illegible]	[illegible].3	[illegible].[illegible]	[illegible].[illegible]	[illegible].2	[illegible].2	[illegible].[illegible]	[illegible].[illegible]

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72-147 CAPE ROMANZOF AFS AK 73-81 5 P
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15 Z-17 Z

VISIBILITY STATUTE MILES

CEILING FEET	0	2	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
	34.5	37.7	38.9	39.4	40.8	40.8	41.8	41.9	41.9	42.9	43.9	43.6	44.0	44.[illegible]	44.0	44.
	36.6	38.8	40.0	40.7	42.1	42.1	43.0	43.2	43.3	44.3	45.5	45.5	45.7	45.7	46.2	46.2
	38.7	39.9	41.1	41.8	43.2	43.2	44.4	44.6	44.7	45.7	46.9	46.[illegible]	47.1	47.1	47.6	47.9
	38.9	40.0	41.3	41.9	43.3	43.3	44.6	44.7	44.8	45.8	47.1	47.1	47.3	47.3	47.7	48.[illegible]
	37.2	40.3	41.6	42.2	43.6	43.6	44.9	45.1	45.2	46.2	47.4	47.4	47.6	47.6	48.[illegible]	48.4
	37.5	40.7	41.9	42.5	44.0	44.0	45.2	45.4	45.5	46.5	47.7	47.7	47.9	47.9	48.4	48.7
	38.9	42.1	43.3	44.0	45.4	45.4	46.6	46.8	46.9	47.9	49.1	49.1	49.3	49.3	49.8	50.1
	39.7	42.9	44.1	44.7	46.2	46.2	47.4	47.6	47.7	48.7	49.9	49.9	50.1	50.1	50.5	50.8
	41.0	44.1	45.4	46.0	47.4	47.6	48.8	49.0	49.1	50.1	51.3	51.3	51.5	51.5	52.0	[illegible].3
	41.3	44.6	45.9	46.5	47.9	48.2	49.5	49.8	49.9	50.9	52.3	52.3	52.4	52.4	52.9	[illegible].4
	42.1	45.7	47.1	47.9	49.3	49.6	50.9	51.2	51.3	52.3	53.7	53.7	53.8	53.8	54.3	54.[illegible]
	43.2	46.8	48.2	49.0	50.4	50.7	52.0	52.3	52.4	53.4	54.8	54.8	54.9	54.9	55.4	55.7
	43.5	47.4	48.8	49.6	51.0	51.3	52.6	52.9	53.1	54.2	55.6	55.6	55.7	55.7	56.2	56.[illegible]
	46.2	49.8	51.2	52.0	53.4	53.7	55.3	55.5	56.0	57.5	58.9	58.9	59.1	59.1	59.5	60.[illegible]
	47.9	51.6	53.2	54.0	55.4	55.7	57.5	58.1	58.3	60.0	61.4	61.4	61.5	61.5	62.0	62.3
	48.1	52.9	54.5	55.9	57.6	58.1	60.0	60.6	60.8	62.5	63.9	63.9	64.1	64.1	64.5	65.1
	50.7	54.6	56.5	57.6	59.5	61.0	61.9	62.5	62.8	64.4	65.8	65.8	65.9	65.9	66.4	67.[illegible]
	53.1	57.6	59.7	60.9	62.8	63.3	65.1	65.9	66.1	67.8	69.4	69.5	69.9	70.[illegible]	70.[illegible]	71.2
	53.1	57.6	59.7	61.[illegible]	62.6	63.3	65.1	65.9	66.1	67.8	69.4	69.5	69.9	70.[illegible]	70.[illegible]	71.2
	53.7	58.6	60.8	62.0	63.9	64.4	66.2	67.1	67.3	69.5	71.1	71.2	71.6	71.7	72.4	72.3
	54.6	60.1	62.6	64.2	66.7	67.2	69.1	70.6	71.[illegible]	72.7	74.7	74.9	75.2	75.4	76.[illegible]	76.9
	54.9	61.1	64.1	65.8	68.4	68.9	71.1	72.7	73.[illegible]	74.9	76.9	77.1	77.4	77.6	78.3	79.[illegible]
	55.6	61.9	65.1	66.9	69.7	70.2	72.4	73.9	74.[illegible]	76.3	78.3	78.5	78.8	79.	79.9	80.[illegible]
	55.7	62.3	65.3	67.[illegible]	70.0	70.5	72.7	74.4	74.9	76.9	79.[illegible]	79.1	79.6	79.7	80.7	81.[illegible]
	55.9	62.5	65.9	67.7	70.6	71.3	73.5	75.7	76.1	78.5	80.5	80.7	81.2	81.3	82.3	83.[illegible]
	56.2	62.8	66.2	68.3	72.1	72.6	75.2	77.4	77.9	80.8	84.1	84.3	85.4	85.7	86.8	87.[illegible]
	56.2	63.0	66.4	68.4	72.4	73.2	75.7	77.9	78.5	81.6	85.1	85.2	86.[illegible]	86.[illegible]	88.1	89.[illegible]
	56.5	63.6	67.2	69.2	73.3	74.6	77.4	80.2	[illegible].[illegible]	84.3	88.7	88.9	90.3	90.6	92.[illegible]	92.4
	56.7	63.7	67.3	69.4	73.5	74.7	77.6	80.5	81.5	84.9	90.[illegible]	90.1	91.8	92.2	93.6	95.6
	56.7	63.7	67.3	69.4	73.5	74.9	77.7	80.7	81.6	85.1	90.4	91.6	92.5	92.9	94.2	96.5
	56.7	63.7	67.3	69.4	73.5	74.9	77.9	80.8	81.8	85.2	90.6	91.7	92.8	93.1	94.5	97.[illegible]
	56.7	63.7	67.3	69.4	73.5	74.9	77.9	80.8	81.8	85.2	91.4	91.7	93.9	94.3	95.9	98.[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 637

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 .120 (STATION NUMBER) CAPE ROMANZOF AFS AK (STATION NAME) 73,75,78-81 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2300 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0		
CLEAR	45.7	44.9	44.9	44.9	45.7	45.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 25000	41.7	45.2	45.5	45.5	46.2	46.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 20000	41.2	46.2	46.5	46.5	47.2	47.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 15000	41.2	46.2	46.5	46.5	47.2	47.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
≥ 10000	41.4	46.5	46.7	46.7	47.5	47.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 9000	41.7	46.7	47.0	47.0	47.7	47.7	48.7	48.7	48.7	48.7	49.0	49.0	49.0	49.0	49.0	49.0
≥ 8000	41.9	47.0	47.2	47.2	48.0	48.0	49.0	49.0	49.0	49.0	49.5	49.5	49.5	49.5	49.5	49.5
≥ 7000	42.9	48.0	48.2	48.2	49.0	49.0	50.0	50.0	50.0	50.0	50.5	50.5	50.5	50.5	50.5	51.0
≥ 6000	45.2	50.3	51.5	51.5	51.3	51.3	52.3	52.3	52.3	52.3	52.8	52.8	52.8	52.8	52.8	53.3
≥ 5000	47.0	52.0	52.3	52.8	53.5	53.5	54.5	54.5	54.5	54.8	55.3	55.3	55.3	55.3	55.3	55.8
≥ 4500	47.7	53.0	53.6	54.0	56.1	56.1	57.1	57.1	57.1	57.3	57.8	57.8	57.8	57.8	57.8	58.3
≥ 4000	49.1	54.3	55.1	55.6	57.3	57.3	58.3	58.3	58.3	58.6	59.1	59.1	59.1	59.1	59.1	59.6
≥ 3500	51.3	55.3	56.6	57.3	58.8	58.8	59.8	59.8	59.8	60.1	60.6	60.6	60.6	60.6	60.6	61.1
≥ 3000	53.6	56.3	57.1	57.8	59.3	59.3	60.4	60.4	60.4	60.6	61.1	61.1	61.1	61.1	61.1	61.6
≥ 2500	53.3	58.1	58.8	59.6	61.4	61.4	63.1	63.1	63.1	63.4	64.4	64.4	64.4	64.4	64.4	64.9
≥ 2000	53.3	59.1	59.9	60.6	62.6	62.6	64.4	64.4	64.4	64.6	65.7	65.7	65.7	66.2	66.2	66.7
≥ 1800	53.5	59.6	60.4	61.1	63.1	63.1	64.9	64.9	64.9	65.2	66.2	66.2	66.2	66.7	66.7	67.2
≥ 1600	54.3	60.9	61.6	62.4	65.2	65.2	66.9	66.9	66.9	67.2	68.4	68.9	68.7	69.4	69.4	69.9
≥ 1400	54.5	61.1	61.9	62.6	65.4	65.4	67.4	67.4	67.4	67.7	68.9	69.2	69.2	69.9	69.9	70.5
≥ 1200	54.5	61.1	61.9	62.6	65.4	65.4	67.4	67.4	67.4	67.7	68.9	69.2	69.2	70.2	70.2	71.0
≥ 1000	55.3	62.1	63.4	64.1	67.9	67.9	69.9	69.9	69.9	70.2	72.2	72.5	72.5	73.5	73.5	74.2
≥ 900	56.1	63.6	65.7	66.4	70.2	70.2	72.2	72.2	72.2	72.5	75.3	75.5	76.0	77.0	77.3	78.0
≥ 800	56.1	64.1	66.7	67.4	71.5	71.5	73.5	73.5	73.5	74.0	77.0	77.3	77.8	78.8	79.0	80.0
≥ 700	56.1	64.4	67.7	68.4	72.5	72.5	74.5	74.5	74.7	75.8	78.8	79.0	79.5	80.5	80.8	82.0
≥ 600	56.3	65.2	68.4	69.2	73.2	73.2	75.3	75.3	76.3	77.3	80.3	80.6	81.1	82.1	82.5	84.0
≥ 500	57.1	66.2	69.4	70.7	75.8	75.8	78.5	79.3	80.1	81.1	84.8	85.1	85.9	87.4	87.9	89.4
≥ 400	57.1	66.2	69.4	70.7	75.8	75.8	78.8	79.5	80.7	81.3	85.6	86.1	87.1	88.6	89.4	91.7
≥ 300	57.1	66.2	69.4	70.7	75.8	75.8	79.3	80.6	81.3	82.3	87.9	88.4	89.4	90.9	91.9	94.5
≥ 200	57.1	66.2	69.4	70.7	75.8	75.8	79.3	80.6	81.3	82.3	88.1	88.6	89.6	91.2	92.2	95.5
≥ 100	57.1	66.2	69.4	70.7	75.8	75.8	79.3	80.6	81.3	82.3	88.6	89.1	90.4	91.9	92.9	96.0
CEILING UNLIMITED	57.1	66.2	69.4	70.7	75.8	75.8	79.3	80.6	81.3	82.3	88.6	89.1	90.7	92.2	93.4	97.0
OBSCURED	57.1	66.2	69.4	70.7	75.8	75.8	79.3	80.6	81.3	82.3	88.9	89.6	91.2	92.7	94.7	98.0

TOTAL NUMBER OF OBSERVATIONS 396

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] CAPE ROMANZOF AFS AK 74-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

01Z-23Z

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
[illegible]	43.4	46.7	48.5	49.4	50.4	50.6	51.9	52.3	52.3	52.9	53.9	53.9	53.9	53.9	53.9	[illegible]
20000	44.2	47.5	49.2	50.2	51.4	51.5	52.9	53.3	53.3	54.8	54.8	54.6	54.8	54.8	54.9	55.2
18000	44.8	48.1	49.8	50.8	51.9	52.1	53.5	53.9	53.9	55.6	55.6	55.6	55.6	55.6	55.6	56.
5000	44.8	48.1	49.8	50.8	51.9	52.1	53.5	53.9	53.9	55.6	55.6	55.6	55.6	55.6	55.6	56.
4000	45.0	48.3	50.0	51.0	52.1	52.3	53.7	54.1	54.1	55.8	55.8	55.8	55.8	55.8	55.9	56.2
3500	45.2	48.5	50.2	51.2	52.3	52.5	53.9	54.2	54.2	56.0	56.0	56.0	56.0	56.0	56.2	56.4
3000	45.2	48.6	50.4	51.4	52.5	52.7	54.1	54.4	54.4	56.2	56.2	56.2	56.2	56.2	56.2	56.6
2500	45.6	49.0	50.8	51.7	52.9	53.1	54.4	54.8	54.8	56.6	56.6	56.6	56.6	56.6	56.6	56.9
2200	47.9	51.5	53.3	54.2	55.4	55.6	56.9	57.3	57.3	59.1	59.1	59.1	59.1	59.1	59.1	59.5
2000	48.4	53.9	55.6	56.6	57.9	58.1	59.5	59.8	59.8	61.6	61.6	61.6	61.6	61.6	61.9	62.2
1800	53.0	54.8	56.6	57.7	59.5	59.7	61.0	61.4	61.4	63.3	63.3	63.3	63.3	63.3	63.5	63.9
1600	55.8	55.6	58.1	59.3	61.2	61.4	62.7	63.1	63.1	65.1	65.1	65.1	65.4	65.4	65.6	66.1
1400	51.7	57.1	59.8	61.0	62.9	63.1	64.5	64.9	64.9	66.8	66.8	66.8	67.2	67.2	67.4	67.8
1200	51.7	57.1	59.8	61.0	62.9	63.3	64.7	65.1	65.1	67.0	67.0	67.0	67.4	67.4	67.6	68.1
1000	52.3	57.7	60.4	61.6	63.7	64.1	65.4	65.8	65.8	67.8	67.8	67.8	68.1	68.1	68.3	68.7
900	52.7	58.1	61.0	62.2	64.7	65.1	66.4	66.8	66.8	68.7	69.3	67.3	69.7	69.9	70.1	70.5
800	53.1	58.7	61.6	62.7	65.3	65.6	67.2	67.6	67.6	69.5	70.5	70.5	71.8	71.8	71.2	71.6
700	53.7	59.3	62.2	63.5	66.6	67.0	68.5	68.9	68.9	70.8	72.0	72.0	72.4	72.6	72.9	73.2
600	54.2	59.8	62.9	64.3	67.4	67.8	69.5	69.9	69.9	71.8	73.0	73.0	73.4	73.6	73.7	74.1
500	55.0	60.8	64.3	65.6	68.7	69.1	71.0	71.4	71.4	73.6	74.7	74.7	75.1	75.3	75.5	75.9
400	56.2	62.0	65.4	67.2	70.7	71.0	73.2	73.6	73.6	75.7	77.2	77.2	77.6	78.2	78.9	79.3
300	57.7	64.1	67.6	69.7	73.6	73.9	76.1	76.4	76.4	78.6	80.7	80.7	81.3	81.9	82.6	83.4
250	58.1	64.5	68.3	70.5	74.3	74.7	76.8	77.2	77.2	79.7	82.0	82.0	82.6	83.2	84.2	84.9
200	58.1	64.7	69.1	71.2	75.1	75.5	77.6	78.8	79.0	81.5	83.8	83.6	84.4	84.9	86.1	87.3
150	58.7	65.4	69.9	72.0	75.9	76.3	78.6	79.7	79.9	82.4	84.7	84.7	85.5	86.1	87.3	88.4
100	58.9	66.0	70.7	73.2	77.0	78.6	81.9	83.2	83.8	86.3	88.5	88.8	90.2	90.9	92.3	93.6
70	58.9	66.0	70.7	73.2	78.6	79.0	82.0	83.4	84.0	86.5	89.6	89.6	91.1	91.9	93.2	94.6
50	58.9	66.0	70.7	73.2	78.6	79.0	82.6	84.0	84.6	87.3	91.7	91.7	93.4	94.4	96.1	97.7
30	58.9	66.0	70.7	73.2	78.6	79.0	82.6	84.0	84.6	87.3	91.9	91.9	93.8	94.8	96.5	98.3
20	58.9	66.0	70.7	73.2	78.6	79.0	82.6	84.0	84.6	87.3	92.1	92.1	94.0	95.2	96.7	98.6
10	58.9	66.0	70.7	73.2	78.6	79.0	82.6	84.0	84.6	87.3	92.1	92.1	94.0	95.2	96.7	98.7
0	58.9	66.0	70.7	73.2	78.6	79.0	82.6	84.0	84.6	87.3	92.3	92.3	94.2	95.2	96.9	[illegible]

TOTAL NUMBER OF OBSERVATIONS 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70/120 CAPE ROMANZOF AFS AK 73-81 FEB
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0	≥5/16	≥⅛	0
[illegible]	38.2	41.4	42.9	43.4	44.8	45.0	45.8	46.4	46.4	47.2	48.0	48.1	49.5	48.5	48.7	49.1
[illegible]	38.9	42.3	43.8	44.3	45.9	46.1	46.8	47.5	47.5	48.3	49.2	49.3	49.8	49.8	50.1	50.4
[illegible]	39.6	43.2	44.9	45.4	47.1	47.2	48.0	48.7	48.7	49.6	50.5	50.6	51.2	51.2	51.4	51.9
[illegible]	39.8	43.3	45.0	45.5	47.1	47.3	48.1	48.7	48.8	49.7	50.6	50.7	51.2	51.2	51.5	51.9
[illegible]	40.0	43.5	45.2	45.7	47.4	47.5	48.3	49.0	49.0	49.9	50.8	50.9	51.5	51.5	51.7	52.1
[illegible]	40.2	43.7	45.4	45.9	47.5	47.7	48.5	49.1	49.2	50.1	51.0	51.1	51.6	51.6	51.9	52.3
[illegible]	40.6	44.1	45.8	46.3	48.0	48.2	49.0	49.6	49.7	50.5	51.5	51.6	52.2	52.2	52.4	52.9
[illegible]	40.9	44.4	46.1	46.6	48.3	48.5	49.3	49.9	50.0	50.8	51.8	51.9	52.5	52.5	52.8	53.2
[illegible]	42.4	46.1	47.8	48.4	50.1	50.3	51.1	51.8	51.8	52.7	53.8	53.9	54.5	54.5	54.7	55.2
[illegible]	43.3	47.5	49.2	49.8	51.7	52.0	52.9	53.6	53.7	54.7	55.8	55.9	56.5	56.5	56.8	57.3
[illegible]	43.8	48.1	49.9	50.6	52.7	52.9	53.9	54.6	54.7	55.7	56.9	57.0	57.7	57.7	58.0	58.6
[illegible]	45.0	49.3	51.4	52.2	54.4	54.7	55.6	56.4	56.4	57.4	58.7	58.8	59.6	59.6	59.9	60.5
[illegible]	46.4	50.8	52.1	53.0	55.3	55.5	56.5	57.3	57.4	58.4	59.6	59.8	60.6	60.6	60.9	61.5
[illegible]	46.6	51.5	53.8	54.8	57.2	57.5	58.8	59.6	59.6	60.9	62.2	62.4	63.2	63.2	63.5	64.1
[illegible]	47.7	52.9	55.3	56.3	58.8	59.1	60.5	61.3	61.4	62.7	64.0	64.2	65.0	65.0	65.4	66.0
[illegible]	48.7	54.1	56.6	57.7	60.4	60.8	62.2	63.1	63.1	64.4	65.9	66.0	66.9	66.9	67.3	67.9
[illegible]	49.7	55.3	58.0	59.1	61.9	62.3	63.7	64.5	64.6	65.9	67.5	67.7	68.6	68.6	69.1	69.7
[illegible]	51.1	57.1	59.8	60.9	64.1	64.5	66.0	66.9	67.0	68.3	70.0	70.2	71.1	71.2	71.8	72.5
[illegible]	51.6	57.7	60.4	61.6	64.9	65.4	67.0	67.8	67.9	69.2	71.0	71.2	72.1	72.2	72.8	73.5
[illegible]	52.3	58.6	61.4	62.6	66.1	66.6	68.3	69.2	69.3	70.9	72.7	72.9	73.8	74.0	74.5	75.4
[illegible]	53.4	59.9	63.0	64.4	68.4	69.0	70.8	71.9	72.0	73.6	75.9	76.0	77.0	77.2	77.8	78.7
[illegible]	54.2	61.1	64.4	66.0	70.2	70.7	72.7	73.8	73.9	75.6	78.1	78.3	79.4	79.6	80.3	81.4
[illegible]	54.6	61.8	65.4	67.0	71.3	71.9	73.9	75.1	75.3	77.2	79.8	80.0	81.2	81.4	82.2	83.3
[illegible]	54.7	62.2	66.1	67.7	72.3	72.9	75.0	76.5	76.7	78.7	81.6	81.8	83.1	83.4	84.2	85.4
[illegible]	55.7	62.5	66.5	68.2	72.6	73.5	75.7	77.4	77.7	79.8	82.8	83.0	84.4	84.7	85.5	86.9
[illegible]	56.3	63.1	67.2	69.1	74.5	75.2	77.8	79.8	80.2	82.6	86.1	86.3	88.1	88.4	89.4	90.9
[illegible]	56.5	63.3	67.5	69.5	75.0	75.8	78.4	80.6	81.0	83.6	87.5	87.7	89.7	90.0	91.1	92.9
[illegible]	56.6	63.5	67.7	69.7	75.3	76.1	79.1	81.4	81.9	84.6	89.2	89.5	91.7	92.0	93.3	95.4
[illegible]	56.6	63.5	67.8	69.7	75.4	76.2	79.2	81.6	82.2	84.9	89.9	90.2	92.5	92.8	94.2	96.6
[illegible]	56.6	63.5	67.8	69.7	75.4	76.2	79.3	81.7	82.3	85.1	90.4	90.7	93.0	93.4	94.8	97.6
[illegible]	56.6	63.5	67.8	69.7	75.4	76.2	79.3	81.7	82.3	85.2	90.5	90.8	93.2	93.6	95.1	98.3
[illegible]	56.6	63.5	67.8	69.8	75.4	76.3	79.3	81.7	82.3	85.2	90.7	91.0	93.5	93.9	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 9226

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70164 CAPE ROMANZOF AFS AK 73-81 MAR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
22000+	33.5	39.7	40.9	41.4	43.9	44.1	45.0	45.0	45.5	47.5	49.3	49.3	49.5	49.6	50.0	50.4
22000	33.5	39.7	40.9	41.4	43.9	44.1	45.0	45.0	45.5	47.5	49.3	49.3	49.5	49.6	50.0	50.4
18000	34.4	40.5	41.8	42.3	44.8	45.0	45.9	45.9	46.4	48.4	50.1	50.1	50.4	50.5	50.9	51.6
18000	34.4	40.5	41.8	42.3	44.8	45.0	45.9	45.9	46.4	48.4	50.1	50.1	50.4	50.5	50.9	51.6
14000	34.4	40.5	41.8	42.3	44.8	45.0	45.9	45.9	46.4	48.4	50.1	50.1	50.4	50.5	50.9	51.6
14000	34.4	40.5	41.8	42.3	44.8	45.0	45.9	45.9	46.4	48.4	50.1	50.1	50.4	50.5	50.9	51.6
12000	35.4	41.8	43.0	43.5	46.0	46.3	47.1	47.1	47.6	49.6	51.4	51.4	51.6	51.7	52.1	52.9
10000	35.4	41.8	43.0	43.5	46.0	46.3	47.1	47.1	47.6	49.6	51.4	51.4	51.6	51.7	52.1	52.9
9000	37.0	43.4	44.6	45.4	47.9	48.1	49.3	49.3	49.8	51.7	53.5	53.5	53.7	53.9	54.2	55.0
8000	38.8	45.3	46.5	47.3	49.8	50.0	51.1	51.1	51.6	53.6	55.4	55.4	55.6	55.7	56.1	56.9
7000	39.0	45.6	47.0	48.1	50.6	50.9	52.0	52.0	52.5	54.5	56.2	56.2	56.5	56.6	57.0	57.7
6000	40.3	47.4	48.9	50.0	52.5	52.7	53.9	53.9	54.4	56.4	58.1	58.1	58.4	58.5	58.9	59.6
5000	41.5	47.6	49.5	50.6	53.1	53.4	54.5	54.5	55.0	57.0	58.7	58.7	59.0	59.1	59.5	60.2
4500	41.5	48.8	51.0	52.5	55.1	55.4	56.5	56.5	57.0	59.0	60.7	60.7	61.1	61.2	61.5	62.3
4000	43.1	50.7	53.4	54.9	57.9	58.2	59.4	59.4	59.9	61.8	64.0	64.0	64.3	64.5	64.8	65.6
3500	44.8	52.9	55.5	57.0	60.0	60.3	61.6	61.6	62.1	64.1	66.2	66.2	66.6	66.7	67.1	67.8
3000	45.3	54.2	57.0	58.6	61.6	62.0	63.2	63.2	63.7	65.7	67.8	67.8	68.2	68.3	68.7	69.5
2500	47.1	56.2	59.2	60.8	64.0	64.3	65.6	65.6	66.1	68.1	70.3	70.3	70.7	70.8	71.2	71.9
2000	47.8	56.9	59.9	61.5	64.8	65.2	66.5	66.5	67.0	69.0	71.2	71.2	71.6	71.7	72.1	72.8
1800	48.9	58.0	61.2	62.8	66.7	67.2	68.6	68.6	69.2	71.4	73.8	73.8	74.2	74.3	74.7	75.4
1600	50.1	59.6	63.2	65.0	69.8	70.4	71.8	71.8	72.4	74.7	77.3	77.3	78.2	78.3	78.7	79.4
1400	50.4	60.2	63.8	65.6	71.1	71.8	73.3	73.3	73.9	76.3	79.2	79.3	80.4	80.5	80.9	81.7
1200	50.9	61.0	64.6	66.5	71.9	72.7	74.2	74.2	74.8	77.3	80.4	80.5	82.2	82.3	82.7	83.4
1000	51.1	61.8	65.8	67.7	73.4	74.2	75.9	76.4	77.1	79.9	83.4	83.5	85.3	85.4	85.3	86.7
900	51.1	62.1	66.2	68.1	74.1	74.8	76.6	77.2	77.8	80.7	84.4	84.5	86.4	86.5	86.9	87.8
800	51.2	62.8	67.0	68.8	75.6	76.4	79.2	80.4	80.8	84.3	88.7	88.8	90.9	91.1	92.0	92.9
700	51.6	63.3	67.8	70.1	76.9	77.8	80.7	81.5	82.3	85.9	90.6	91.8	93.1	93.4	94.4	95.4
600	52.0	63.7	68.2	70.4	77.3	78.2	81.2	82.2	82.8	86.4	91.9	92.0	94.6	95.0	96.2	97.1
500	52.0	63.7	68.2	70.4	77.3	78.2	81.2	82.2	82.9	86.5	92.6	92.8	95.5	95.9	97.1	98.4
400	52.0	63.7	68.2	70.4	77.3	78.2	81.2	82.2	82.9	86.5	92.8	92.9	95.6	96.0	97.4	99.1
300	52.0	63.7	68.2	70.4	77.3	78.2	81.2	82.3	83.0	86.7	92.9	93.0	95.8	96.1	97.6	99.4
200	52.0	63.7	68.2	70.4	77.3	78.2	81.2	82.3	83.0	86.7	92.9	93.0	96.1	96.5	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 682

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]2[illegible] | CAPE ROMANZOF AFS AK | 73-81 | MAR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0759
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
[illegible]	35.3	39.9	42.0	42.2	44.2	44.2	45.3	45.3	46.6	47.4	48.6	48.6	49.3	49.4	49.8	50.5
[illegible]	35.5	40.2	42.2	42.4	44.7	44.7	45.8	45.8	46.0	47.8	49.0	49.3	49.8	49.9	50.2	51.0
[illegible]	36.3	41.1	43.2	43.4	45.7	45.7	46.8	46.8	47.0	48.8	50.0	50.2	50.7	50.8	51.2	52.0
[illegible]	36.3	41.1	43.2	43.4	45.7	45.7	46.8	46.8	47.0	48.8	50.0	50.2	50.7	50.8	51.2	52.0
[illegible]	36.3	41.1	43.2	43.4	45.7	45.7	46.8	46.8	47.0	48.8	50.0	50.2	50.7	50.8	51.2	52.0
[illegible]	36.5	41.2	43.3	43.5	45.8	45.8	46.9	46.9	47.1	48.9	50.1	50.4	50.8	51.0	51.3	52.0
[illegible]	37.4	42.2	44.2	44.5	46.8	46.8	47.8	47.8	48.1	49.9	51.1	51.3	51.8	51.9	52.3	53.1
[illegible]	37.5	42.3	44.4	44.6	46.9	46.9	48.0	48.0	48.2	50.0	51.2	51.4	51.9	52.0	52.4	53.2
[illegible]	38.5	43.3	45.3	45.6	48.1	48.1	49.2	49.2	49.4	51.3	52.5	52.6	53.2	53.4	53.7	54.6
[illegible]	40.0	45.1	47.1	47.4	49.9	49.9	51.0	51.0	51.2	53.1	54.3	54.6	55.0	55.2	55.5	56.4
[illegible]	40.8	46.3	48.3	48.9	51.4	51.4	52.5	52.5	52.8	54.7	55.9	56.1	56.6	56.7	57.1	57.9
[illegible]	42.4	48.1	50.1	50.7	53.2	53.2	54.3	54.3	54.6	56.5	57.7	57.9	58.4	58.5	58.9	59.7
[illegible]	43.2	48.9	51.3	51.9	54.4	54.4	55.5	55.5	55.8	57.7	58.9	59.1	59.6	59.7	60.1	60.9
[illegible]	44.2	50.6	53.1	54.3	57.3	57.3	58.4	58.4	58.6	60.6	61.9	62.1	62.6	62.7	63.1	63.9
[illegible]	45.7	52.3	54.9	56.1	59.1	59.1	60.3	60.3	60.6	62.5	63.8	64.0	64.5	64.6	65.0	65.8
[illegible]	46.0	52.9	55.5	56.8	60.0	60.0	61.2	61.2	61.4	63.4	64.7	65.1	65.6	65.7	66.1	66.9
[illegible]	47.0	54.3	57.0	58.3	61.5	61.6	62.8	62.8	63.1	65.1	66.7	67.1	67.9	68.1	68.3	69.2
[illegible]	48.2	56.1	58.8	60.2	63.5	63.7	65.2	65.2	65.6	67.7	69.8	70.1	71.0	71.1	71.5	72.3
[illegible]	48.8	56.8	59.6	61.2	64.7	64.9	66.4	66.4	66.8	69.1	71.1	71.5	72.3	72.4	72.8	73.6
[illegible]	50.1	58.3	61.0	62.7	67.0	67.1	68.7	68.7	69.1	71.3	73.5	73.9	74.7	74.8	75.2	76.0
[illegible]	50.5	59.4	62.2	64.3	69.8	69.9	71.6	71.6	71.9	74.2	76.4	76.7	77.9	78.1	78.4	79.3
[illegible]	50.7	59.6	62.5	64.6	71.3	71.5	73.1	73.1	73.5	76.1	78.3	78.7	80.1	80.2	80.6	81.4
[illegible]	50.8	60.1	63.2	65.3	72.4	72.5	74.2	74.5	74.8	77.5	79.9	80.3	81.9	82.0	82.4	83.2
[illegible]	51.2	61.0	64.1	66.3	73.7	73.9	76.0	76.6	77.0	80.1	83.3	83.8	85.4	85.5	85.9	86.8
[illegible]	51.2	61.0	64.1	66.5	74.0	74.1	76.3	77.0	77.3	80.5	84.1	84.5	86.1	86.2	86.6	88.0
[illegible]	51.9	61.9	65.3	67.7	76.1	76.3	79.0	80.1	80.5	83.9	88.1	88.6	90.6	90.8	91.1	92.6
[illegible]	52.5	62.5	66.1	68.8	77.5	77.6	80.5	81.7	82.0	85.6	90.3	90.8	93.2	93.3	94.1	95.7
[illegible]	52.8	62.9	66.5	69.3	77.9	78.2	81.1	82.5	82.9	86.7	91.6	92.1	94.7	95.1	96.0	97.6
[illegible]	52.8	62.9	66.5	69.3	77.9	78.2	81.2	82.6	83.0	86.8	92.6	93.0	95.9	96.4	97.4	99.3
[illegible]	52.8	62.9	66.5	69.3	77.9	78.2	81.2	82.6	83.0	86.8	92.7	93.2	96.2	96.6	97.6	99.5
[illegible]	52.8	62.9	66.5	69.3	77.9	78.2	81.2	82.6	83.0	86.8	92.7	93.2	96.2	96.6	97.7	99.6
	52.8	62.9	66.5	69.3	77.9	78.2	81.2	82.6	83.0	86.8	92.7	93.2	96.2	96.6	97.7	99.6

TOTAL NUMBER OF OBSERVATIONS 634

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2600 (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
≥22000	31.9	34.8	35.7	36.1	38.4	38.4	39.3	39.7	39.8	40.8	41.7	41.8	42.7	42.7	43.2	43.2
≥20000	32.6	35.9	36.8	37.2	39.4	39.4	40.4	40.8	40.9	41.8	42.8	42.9	43.8	43.8	44.2	44.2
≥18000	34.2	37.6	38.6	39.0	41.2	41.2	42.2	42.8	42.9	43.9	45.0	45.1	45.9	45.9	46.4	46.4
≥16000	34.2	37.6	38.6	39.0	41.2	41.2	42.2	42.8	42.9	43.9	45.0	45.1	45.9	45.9	46.4	46.5
≥14000	34.3	37.8	38.7	39.1	41.4	41.4	42.3	42.9	43.0	44.0	45.1	45.2	46.0	46.0	46.5	46.6
≥12000	34.7	38.1	39.1	39.4	41.7	41.7	42.7	43.3	43.4	44.4	45.4	45.6	46.4	46.4	46.9	47.0
≥11000	34.9	38.4	39.3	39.7	42.0	42.0	42.9	43.5	43.6	44.6	45.7	45.8	46.6	46.6	47.1	47.2
≥10000	35.0	38.5	39.4	39.8	42.2	42.2	43.2	43.8	43.9	44.8	45.9	46.0	46.9	46.9	47.4	47.5
≥9000	36.3	39.8	40.9	41.2	43.8	43.8	44.7	45.3	45.4	46.5	47.6	47.7	48.6	48.6	49.0	49.2
≥8000	37.6	41.6	42.7	43.0	45.6	45.6	46.5	47.1	47.2	48.4	49.5	49.6	50.5	50.5	51.0	51.1
≥7000	38.2	42.2	43.3	43.6	46.2	46.2	47.1	47.7	47.8	49.0	50.2	50.4	51.2	51.2	51.7	51.9
≥6000	39.8	43.8	44.8	45.2	47.7	47.7	48.8	49.4	49.5	50.7	51.9	52.0	52.9	52.9	53.4	53.5
≥5000	40.2	44.4	45.6	45.9	48.4	48.4	49.5	50.1	50.2	51.4	52.6	52.8	53.6	53.6	54.1	54.2
≥4500	43.3	47.5	48.7	49.0	51.6	51.6	52.6	53.2	53.4	54.8	56.0	56.1	57.0	57.0	57.4	57.6
≥4000	44.5	49.0	50.4	51.1	53.8	53.8	54.9	55.6	55.8	57.2	58.6	58.8	59.6	59.6	60.1	60.6
≥3500	45.9	50.6	51.9	53.1	55.9	55.9	57.0	57.7	57.8	59.4	60.9	61.0	61.9	61.9	62.6	62.8
≥3000	46.9	51.8	53.1	54.4	57.4	57.4	58.8	59.5	59.6	61.2	62.9	63.1	64.0	64.0	64.7	65.0
≥2500	48.2	53.7	55.0	56.4	59.7	59.7	61.2	61.9	62.0	63.7	65.8	65.9	67.0	67.0	67.7	68.0
≥2000	48.2	53.7	55.0	56.5	60.0	60.0	61.4	62.1	62.2	63.9	66.1	66.2	67.3	67.3	68.0	68.2
≥1800	48.9	55.5	57.0	58.6	62.4	62.4	63.9	64.6	64.7	66.4	68.6	68.7	69.8	69.8	70.5	70.7
≥1600	49.6	57.3	59.2	61.2	65.2	65.5	67.1	67.9	68.0	69.9	72.2	72.3	73.5	73.5	74.2	74.6
≥1400	50.3	58.0	60.2	62.2	66.9	67.1	69.2	70.0	70.1	72.3	75.1	75.2	76.5	76.5	77.5	77.8
≥1200	50.1	58.6	60.8	62.8	67.5	67.7	69.9	70.7	70.9	73.3	76.4	76.5	77.8	77.8	78.8	79.1
≥1000	50.6	59.5	61.9	63.9	68.6	68.8	71.2	72.1	72.2	74.7	78.2	79.5	80.0	80.0	80.9	81.3
≥900	50.8	59.7	62.1	64.1	68.9	69.3	71.9	72.8	72.9	75.4	79.3	79.6	81.1	81.1	82.0	82.5
≥800	51.1	60.0	62.5	64.6	69.7	70.1	73.0	74.5	74.8	77.3	82.7	83.3	85.0	85.0	86.2	87.2
≥700	51.8	61.5	64.0	66.3	71.5	71.9	75.2	77.1	77.5	80.2	86.2	86.9	88.9	88.8	90.0	91.2
≥600	51.9	62.0	64.5	66.8	71.9	72.4	75.8	78.1	78.4	81.8	89.2	89.9	92.6	92.6	94.0	95.3
≥500	52.0	62.1	64.7	67.0	72.4	72.9	76.4	78.7	79.0	82.7	90.8	91.5	94.2	94.2	95.7	97.4
≥400	52.0	62.1	64.7	67.0	72.4	73.0	77.0	79.3	79.6	83.3	91.4	92.1	95.0	95.0	96.4	98.4
≥300	52.0	62.1	64.7	67.0	72.4	73.0	77.0	79.3	79.6	83.3	91.4	92.1	95.1	95.1	97.0	99.3
≥200	52.0	62.1	64.7	67.0	72.4	73.0	77.0	79.3	79.6	83.3	91.4	92.1	95.1	95.1	97.0	99.3

TOTAL NUMBER OF OBSERVATIONS 634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — YEARS
MAR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1200 — HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥	≥	≥	≥	≥	≥	≥
[illegible]	32.1	36.0	36.9	37.1	38.4	38.8	39.8	40.6	40.9	41.6	43.[illegible]	43.2	43.8	43.8	44.0	44.[illegible]
20000	32.5	36.6	37.5	37.6	39.0	39.4	40.4	41.2	41.5	42.2	43.6	43.8	44.4	44.4	44.6	44.6
18000	34.4	39.3	41.3	40.4	42.0	42.4	43.4	44.6	44.8	45.6	47.0	47.1	47.7	47.7	48.[illegible]	48.[illegible]
6000	34.7	39.6	41.5	40.6	42.2	42.7	43.6	44.8	45.1	45.8	47.2	47.4	48.0	48.0	48.2	48.2
4000	35.0	39.9	41.9	41.0	42.6	43.0	44.0	45.2	45.4	46.2	47.6	47.7	48.3	48.3	48.6	48.6
3000	35.4	40.3	41.2	41.4	42.9	43.4	44.4	45.6	45.8	46.5	48.0	48.1	48.7	48.7	49.0	49.0
2500	35.4	40.3	41.4	41.5	43.0	43.5	44.5	45.7	45.9	46.6	48.1	48.2	48.8	48.8	49.[illegible]	49.[illegible]
2000	35.6	40.5	41.6	41.7	43.3	43.8	44.7	45.9	46.2	46.9	48.3	48.4	49.0	49.0	49.3	49.3
1800	36.3	41.6	42.7	42.8	44.5	45.0	45.9	47.1	47.4	48.1	49.5	49.6	50.2	50.2	50.5	50.5
1500	38.2	44.1	45.3	45.8	47.6	48.1	49.2	50.4	50.6	51.3	52.8	52.9	53.5	53.5	53.7	53.7
1000	39.3	45.3	46.6	47.1	49.0	49.5	50.6	51.8	52.0	52.8	54.3	54.4	55.1	55.1	55.3	55.3
900	39.7	45.7	47.0	47.5	49.4	49.9	51.0	52.2	52.4	53.1	54.7	54.8	55.4	55.4	55.6	55.6
800	39.8	45.9	47.2	47.7	49.6	50.1	51.2	52.4	52.6	53.4	54.9	55.0	55.6	55.6	55.9	55.9
700	42.4	49.0	50.5	51.0	52.9	53.4	54.4	55.6	55.9	57.1	58.6	58.8	59.4	59.4	59.6	59.6
600	44.4	51.2	52.6	53.6	55.6	56.1	57.2	58.4	58.6	59.8	61.3	61.9	62.5	62.5	62.7	63.1
500	45.3	52.2	53.6	54.6	56.6	57.1	58.2	59.4	59.6	60.8	62.7	62.8	63.4	63.4	63.7	64.[illegible]
400	47.0	53.8	55.4	56.5	58.8	59.2	60.3	61.5	61.9	63.2	65.1	65.2	65.8	65.8	66.1	66.4
300	48.4	55.6	57.3	58.4	60.8	61.3	62.6	63.8	64.1	65.5	67.5	67.6	68.3	68.3	68.7	69.1
250	49.4	55.6	57.3	58.6	61.0	61.5	62.8	64.0	64.4	65.7	67.9	68.0	68.7	68.7	69.1	69.4
200	49.8	57.6	59.4	60.9	63.5	64.1	65.6	66.8	67.1	68.7	70.9	71.0	71.7	71.7	72.2	72.5
150	50.5	58.9	60.8	62.8	65.8	66.5	68.1	69.7	70.1	71.7	74.1	74.2	75.2	75.2	75.7	76.0
100	50.8	59.6	61.9	63.9	67.3	68.3	69.9	71.6	72.1	74.2	76.7	76.9	77.8	77.8	78.5	78.9
90	51.4	60.4	62.7	64.7	68.5	69.5	71.1	72.9	73.4	75.5	78.3	78.4	79.4	79.4	80.1	80.5
80	51.9	61.2	63.4	65.6	69.3	70.4	71.9	73.7	74.2	76.6	79.5	79.6	80.7	80.7	81.4	81.8
70	52.3	61.6	63.9	66.1	69.8	70.9	72.5	74.7	75.3	77.8	81.5	81.7	82.9	82.9	83.6	83.9
60	52.6	62.6	65.1	67.3	71.1	72.3	74.0	76.3	77.3	80.1	85.1	85.5	86.9	86.9	87.6	88.4
50	52.8	62.9	65.7	67.9	71.7	72.9	74.8	77.3	78.4	81.5	87.4	87.8	89.6	89.[illegible]	90.5	91.6
40	52.9	63.2	66.1	68.2	72.4	73.6	75.5	78.1	79.3	82.7	89.1	89.4	91.4	91.4	92.3	93.6
30	53.0	63.5	66.4	68.7	73.0	74.2	76.1	78.8	80.0	83.7	90.2	90.5	92.4	92.4	93.6	95.6
20	53.1	63.9	66.9	69.1	73.5	74.7	76.6	79.3	80.5	84.4	91.0	91.4	93.6	93.6	94.8	97.[illegible]
10	53.4	64.1	67.[illegible]	69.3	73.7	74.9	77.0	79.6	80.8	84.8	91.6	92.0	94.6	94.7	95.9	98.6
0	53.4	64.1	67.2	69.3	73.7	74.9	77.0	79.6	80.8	84.8	91.7	92.1	94.8	95.1	96.3	98.[illegible]

TOTAL NUMBER OF OBSERVATIONS 634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
	51.8	35.2	36.2	37.0	38.3	38.7	38.9	40.5	40.6	41.2	43.2	43.6	43.4	43.4	43.6
	52.8	36.6	37.9	38.7	40.1	40.5	40.7	42.3	42.4	43.0	44.8	44.8	45.2	45.2	45.5
	34.3	38.4	39.8	40.5	41.9	42.3	42.5	44.1	44.2	44.8	46.7	46.7	47.0	47.1	47.3
	34.9	39.0	40.4	41.1	42.5	42.9	43.2	44.7	44.8	45.5	47.3	47.3	47.6	47.9	47.9
	35.0	39.3	40.8	41.6	43.2	43.5	43.8	45.3	45.5	46.1	47.9	47.9	48.2	48.2	48.5
	35.4	39.6	41.2	41.9	43.5	43.9	44.1	45.7	45.8	46.4	48.2	48.2	48.6	48.6	48.8
	36.5	40.8	42.4	43.2	44.7	45.1	45.3	46.9	47.1	47.6	49.5	49.5	49.8	49.8	50.1
	36.6	41.0	42.5	43.3	44.8	45.2	45.5	47.0	47.2	47.8	49.6	49.6	49.9	49.9	50.2
	37.7	42.1	43.8	44.5	46.3	46.7	46.9	48.5	48.6	49.2	51.0	51.0	51.4	51.4	51.6
	39.0	43.8	45.7	46.4	48.4	48.7	49.2	50.8	50.7	51.3	53.1	53.1	53.7	53.7	53.9
	40.0	44.7	46.7	47.4	49.5	49.8	50.1	51.6	51.8	52.4	54.2	54.2	54.8	54.8	55.0
	40.6	45.2	47.2	47.9	49.9	50.3	50.7	52.4	52.5	53.1	54.9	54.9	55.5	55.5	55.8
	40.8	45.7	47.6	48.4	50.4	50.8	51.2	52.8	53.0	53.6	55.4	55.4	56.0	56.0	56.2
	42.7	47.9	49.8	50.5	52.7	53.1	53.5	55.2	55.3	55.9	57.7	57.7	58.3	58.3	58.5
	44.1	49.3	51.3	52.1	54.3	54.7	55.2	57.0	57.1	57.8	59.6	59.6	60.4	60.4	60.7
	45.7	51.4	53.6	54.7	57.1	57.5	57.9	59.8	59.9	60.7	62.5	62.5	63.3	63.3	63.6
	47.4	53.5	55.8	57.0	59.6	60.0	60.7	62.7	62.9	63.6	65.5	65.5	66.2	66.2	66.5
	48.2	54.7	57.0	58.4	61.7	62.1	62.9	65.1	65.1	65.9	68.1	68.1	68.8	68.8	69.2
	48.2	54.7	57.0	58.4	61.7	62.1	62.9	65.0	65.1	65.9	68.1	68.1	68.8	68.8	69.2
	49.6	56.5	58.9	60.4	64.2	64.6	65.9	68.0	68.2	69.2	71.4	71.4	72.4	72.4	73.2
	50.1	57.2	59.9	61.3	65.9	66.3	67.9	70.1	70.3	71.3	74.3	74.3	75.3	75.3	76.2
	50.3	57.8	60.6	62.2	67.3	67.6	69.2	71.5	71.8	72.8	76.2	76.2	77.2	77.2	78.2
	50.8	59.0	61.9	63.5	68.8	69.3	70.9	73.3	73.6	74.8	78.2	78.2	79.2	79.2	80.1
	51.0	59.4	62.3	63.9	69.2	69.7	71.3	73.7	73.9	75.4	78.9	78.9	79.9	79.9	80.9
	51.4	60.4	63.3	65.0	70.5	71.2	73.2	75.8	76.1	77.9	81.7	81.7	82.8	82.8	83.8
	51.8	61.1	64.1	66.1	71.9	72.6	74.8	77.5	77.9	80.6	85.3	85.3	86.5	86.5	87.5
	52.2	61.7	64.8	66.8	72.7	73.5	75.6	78.7	79.2	81.9	87.6	87.6	89.2	89.2	90.7
	52.2	62.3	65.5	67.4	73.5	74.2	76.5	79.6	80.1	83.0	89.3	89.3	90.9	91.0	92.5
	52.2	62.5	65.7	67.6	73.7	74.4	76.8	80.0	80.5	83.4	89.8	89.9	91.6	91.8	93.2
	52.4	62.8	66.1	68.0	74.2	74.9	77.3	80.7	81.3	84.4	91.3	91.5	93.5	93.6	95.3
	52.4	62.8	66.1	68.0	74.2	74.9	77.3	80.7	81.7	84.7	92.0	92.2	94.5	94.7	96.5
	52.4	62.8	66.1	68.0	74.2	74.9	77.3	80.7	81.7	84.7	92.1	92.4	94.9	95.2	97.0

TOTAL NUMBER OF OBSERVATIONS 324

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]12[illegible] CAPE ROMANZOF AFS AK 73-81 MAR
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0		
[illegible]	27.2	32.5	34.3	34.8	36.0	36.4	37.2	37.3	37.6	38.1	38.6	38.9	39.1	39.[illegible]	39.1	39.3
[illegible]	30.8	34.3	36.4	36.9	38.4	38.7	39.7	39.8	40.1	40.6	41.4	41.6	41.8	41.[illegible]	41.9	42.1
[illegible]	32.3	36.4	38.5	39.1	40.6	41.0	41.9	42.0	42.3	43.2	43.8	44.1	44.2	44.2	44.4	44.9
[illegible]	32.6	36.6	38.7	39.4	40.8	41.2	42.1	42.3	42.5	43.5	44.1	44.4	44.5	44.5	44.6	45.2
[illegible]	32.6	36.6	38.7	39.4	40.8	41.2	42.1	42.3	42.5	43.5	44.1	44.4	44.5	44.5	44.6	45.2
[illegible]	33.2	37.3	39.4	40.1	41.5	41.9	42.8	42.9	43.2	44.1	44.7	45.2	45.3	45.3	45.4	45.9
[illegible]	34.3	38.5	40.6	41.2	42.7	43.1	44.0	44.1	44.4	45.3	46.1	46.3	46.5	46.5	46.6	47.1
[illegible]	34.8	39.0	41.1	41.8	43.3	43.7	44.8	44.9	45.2	46.1	46.9	47.1	47.3	47.3	47.4	47.7
[illegible]	36.3	40.4	42.7	43.3	44.9	45.3	46.5	46.6	46.9	47.8	48.6	48.8	49.1	49.[illegible]	49.1	49.6
[illegible]	37.8	42.4	44.8	45.4	47.1	47.5	48.7	48.8	49.1	50.0	51.[illegible]	51.3	51.4	51.4	51.6	52.1
[illegible]	39.1	43.7	46.3	47.[illegible]	48.8	49.2	50.4	50.5	50.8	51.7	52.7	53.[illegible]	53.1	53.1	53.3	53.9
[illegible]	39.8	44.5	47.1	47.8	49.9	50.3	51.4	51.6	51.8	52.7	53.8	54.1	54.2	54.[illegible]	54.[illegible]	55.[illegible]
[illegible]	40.4	45.2	47.8	48.4	50.5	50.9	52.1	52.2	52.5	53.4	54.5	54.7	54.8	54.[illegible]	55.[illegible]	55.6
[illegible]	42.4	47.5	50.1	50.8	53.1	53.5	55.0	55.1	55.4	56.4	57.5	57.7	57.9	57.[illegible]	58.[illegible]	58.6
[illegible]	44.5	50.3	52.9	53.5	56.2	56.5	58.0	58.1	58.4	59.4	60.6	60.9	61.[illegible]	61.[illegible]	61.1	61.8
[illegible]	45.5	53.4	55.9	56.5	59.3	59.7	61.3	61.5	61.8	63.[illegible]	64.3	64.7	64.8	64.[illegible]	64.9	65.6
[illegible]	47.8	54.3	57.5	58.1	60.9	61.3	62.8	63.2	63.5	64.9	66.4	66.8	67.[illegible]	67.[illegible]	67.1	67.8
[illegible]	49.6	55.2	58.5	59.4	62.7	63.1	64.7	65.1	65.3	67.0	68.5	68.8	69.1	69.1	69.4	70.[illegible]
[illegible]	49.7	55.5	58.9	59.7	63.[illegible]	63.4	64.9	65.3	65.6	67.3	68.7	69.1	69.5	69.5	69.8	70.4
[illegible]	49.7	56.4	59.3	67.9	64.1	64.5	66.1	66.5	67.1	68.8	7[illegible].3	7[illegible].7	71.3	71.3	71.6	72.4
[illegible]	49.8	57.1	60.9	62.3	66.1	66.5	68.3	69.1	7[illegible].9	72.[illegible]	73.7	74.1	75.1	75.3	75.7	76.4
[illegible]	49.5	56.1	62.[illegible]	64.3	68.2	68.7	70.7	71.5	72.6	74.7	76.7	77.2	78.5	78.7	79.1	79.[illegible]
[illegible]	49.7	56.8	62.7	65.1	69.1	69.6	71.6	72.4	73.5	75.9	77.9	78.4	79.7	79.8	80.[illegible]	81.[illegible]
[illegible]	49.7	59.3	63.2	65.6	69.9	70.4	72.5	73.3	74.5	76.7	78.6	79.3	80.6	80.6	81.2	81.9
[illegible]	50.4	60.3	64.3	66.8	71.3	72.[illegible]	74.1	75.3	76.4	78.7	81.[illegible]	81.9	83.2	83.4	83.8	84.5
[illegible]	50.9	61.1	65.1	67.7	72.8	73.4	75.5	76.8	78.4	81.[illegible]	83.6	84.[illegible]	85.[illegible]	86.[illegible]	86.4	87.[illegible]
[illegible]	51.[illegible]	61.4	65.3	67.9	73.2	73.8	75.9	77.2	78.9	81.7	84.7	85.2	87.[illegible]	87.4	88.1	89.[illegible]
[illegible]	51.3	62.[illegible]	66.[illegible]	68.7	74.0	74.6	76.7	78.1	79.[illegible]	82.9	86.6	87.3	89.5	89.7	90.4	92.[illegible]
[illegible]	51.3	62.4	66.5	69.2	74.5	75.1	77.2	78.8	80.[illegible]	83.5	88.[illegible]	88.7	91.[illegible]	91.1	92.[illegible]	93.[illegible]
[illegible]	51.3	62.4	66.5	69.2	74.5	75.1	77.2	79.3	81.[illegible]	84.2	89.4	90.[illegible]	92.4	92.5	93.9	96.2
[illegible]	51.3	62.4	66.5	69.2	74.6	75.3	77.4	79.5	81.7	84.3	89.7	9[illegible].4	92.9	93.2	94.5	97.4
[illegible]	51.3	62.4	66.5	69.2	74.6	75.3	77.4	79.5	81.7	84.3	89.7	9[illegible].4	92.9	93.2	94.5	[illegible]

TOTAL NUMBER OF OBSERVATIONS 764

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- 14 (MONTHS) CAPE ROMANZOF AFS AK (STATION NAME) 73,75-8 (YEARS) (MONTHS)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

(HOURS) (CEILING IN HUNDREDS OF FEET) VISIBILITY STATUTE MILES

	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	1/2	1/4	0	
	25.6	27.5	31.7	32.2	33.1	33.6	33.8	34.1	34.	34.	35.7	36.3	36.2	36.2	36.2	36.
	27.9	31.6	33.6	34.5	35.6	36.2	36.9	37.1	37.1	37.1	38.4	38.4	39.3	39.3	39.7	39.
	29.8	34.5	36.7	37.6	38.7	39.3	40.1	40.2	40.4	40.4	41.8	41.8	42.7	42.7	42.7	43.
	29.8	34.5	36.7	37.6	38.7	39.3	40.5	40.2	40.4	40.4	41.8	41.8	42.7	42.7	42.7	43.
	30.4	35.1	37.3	38.2	39.3	39.8	40.5	40.7	40.9	40.9	42.4	42.4	43.3	43.3	43.7	44.
	30.9	35.6	37.8	38.7	39.8	40.4	41.1	41.3	41.5	41.5	42.9	42.9	43.8	43.8	43.8	44.
	31.1	35.	38.2	39.1	40.4	40.9	41.6	41.8	42.0	42.0	43.6	43.6	44.7	44.7	44.7	45.
	31.5	36.7	39.1	40.	41.3	41.8	42.5	42.7	42.9	42.9	44.5	44.	45.6	45.6	45.6	46.
	32.2	37.8	40.4	41.5	42.7	43.3	44.	44.2	44.4	44.4	46.	46.	47.1	47.1	47.1	48.
	36.4	42.2	44.7	45.8	47.5	48.0	48.7	49.1	49.3	49.3	51.	51.	52.	52.	52.	53.
	37.8	43.5	46.2	47.3	48.9	49.5	50.2	50.5	50.7	50.7	52.4	52.4	53.5	53.5	53.5	54.
	38.4	44.2	46.9	48.	49.8	50.4	51.1	51.5	51.6	51.6	53.3	53.3	54.4	54.4	54.4	55.
	38.9	44.7	47.5	48.5	50.4	50.9	51.6	52.0	52.2	52.2	53.8	53.8	54.9	54.9	54.9	55.
	39.3	46.2	49.1	50.4	52.2	52.9	53.6	54.0	54.2	54.2	56.	56.	57.1	57.1	57.1	58.
	42.2	49.5	52.5	53.8	55.6	56.4	57.1	57.5	57.6	57.6	59.5	59.5	60.7	60.7	60.7	61.
	45.1	52.7	55.4	57.1	58.9	59.6	60.4	60.9	61.1	61.1	62.7	62.7	64.0	64.0	64.0	64.
	46.2	53.8	56.5	58.2	60.0	60.7	61.5	62.0	62.2	62.2	64.	64.0	65.6	65.6	65.6	66.
	48.0	56.2	59.5	60.7	62.5	63.3	64.2	64.5	64.7	64.7	66.5	66.5	67.2	67.2	67.2	68.
	48.0	56.2	59.5	60.7	62.5	63.3	64.0	64.5	64.7	64.7	66.5	66.5	67.2	67.2	67.2	69.
	48.3	56.2	59.6	61.1	63.1	63.6	64.5	65.1	65.9	65.6	67.6	67.6	68.3	68.3	68.3	70.
	48.4	57.3	60.7	62.2	64.4	65.1	66.9	67.5	68.4	68.4	70.2	70.2	71.3	71.9	71.9	72.
	48.4	57.6	61.3	63.6	66.2	67.1	68.9	69.5	70.4	70.6	72.4	72.9	74.7	74.7	74.7	75.
	48.4	57.8	61.5	63.8	66.4	67.3	69.1	69.6	71.5	70.7	72.7	73.3	75.1	75.1	75.1	76.
	48.4	57.8	61.5	63.8	66.5	67.5	69.3	69.8	72.7	70.9	73.3	73.3	75.6	75.6	75.6	76.
	48.9	58.5	62.2	64.7	67.6	68.5	70.4	70.9	71.8	72.0	74.4	74.9	76.7	76.7	77.3	78.
	50.3	60.5	64.2	66.9	70.2	71.1	73.3	74.9	75.9	76.1	78.5	79.1	80.9	80.9	81.5	82.
	50.3	60.7	64.5	67.5	70.7	71.8	74.4	75.6	76.9	77.1	80.7	81.3	84.4	84.4	85.6	86.
	50.8	61.5	65.3	68.4	72.4	73.5	76.3	77.3	78.5	79.1	84.2	84.7	88.4	88.2	89.5	91.
	51.0	61.5	65.3	68.4	72.7	74.4	76.9	78.4	79.4	80.2	85.5	86.0	89.5	89.3	91.5	92.
	51.0	61.5	65.3	68.4	72.7	74.4	76.9	78.7	80.	80.7	86.5	87.1	90.9	91.3	93.1	94.
	51.0	61.5	65.3	68.4	72.7	74.4	76.9	78.7	80.	80.7	86.9	87.5	91.3	91.6	93.5	94.
	50.2	61.6	65.5	68.5	72.9	74.5	77.1	78.9	80.2	80.9	87.5	88.1	92.0	92.4	94.2	95.

TOTAL NUMBER OF OBSERVATIONS _____

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 12[illegible] CAPE NOMANJOF AFS AK 74-81 MAY
(STATION) (STATION NAME) (YEAR) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

(HOURS)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	7	5	4	3	2½	2	1½	1	½	¼	0
22000+	53.1	36.9	38.7	39.0	41.4	40.7	41.7	41.9	42.2	43.6	46.8	46.0	47.2	47.3	47.6	4[illegible]
15000	33.2	37.9	39.3	39.9	41.4	41.7	42.7	42.8	43.1	44.6	47.6	47.3	48.2	48.6	48.6	48.7
10000	34.6	38.8	40.2	40.9	42.3	42.7	43.6	43.9	44.1	45.5	48.9	48.9	49.4	49.4	49.7	[illegible]
9000	34.6	38.8	40.3	41.0	42.3	42.7	43.6	43.9	44.1	45.5	48.9	48.9	49.4	49.4	49.7	[illegible]
8000	35.1	39.0	40.4	41.1	42.5	42.8	43.8	43.9	44.2	45.7	49.0	49.0	49.5	49.5	49.8	[illegible]
7000	35.6	39.6	41.1	41.7	43.1	43.3	44.4	44.6	44.9	46.3	49.7	49.7	50.2	50.2	50.5	51.4
6000	35.6	39.8	41.2	42.0	43.5	43.8	44.7	44.9	45.2	46.6	50.1	50.1	50.5	50.5	50.8	51.7
5000	35.8	39.9	41.4	42.2	43.6	43.9	44.9	45.3	45.4	46.8	50.2	50.2	50.6	50.6	51.0	51.9
4500	36.1	42.0	43.6	44.4	46.0	46.3	47.4	47.6	47.9	49.4	52.7	52.7	53.2	53.2	53.6	54.5
4000	39.5	43.5	45.1	45.6	47.6	47.9	49.0	49.2	49.5	51.0	54.3	54.3	54.8	54.8	55.1	55.1
3500	40.3	44.7	46.3	47.3	49.0	49.4	50.5	50.8	51.1	52.4	55.8	55.8	56.2	56.2	56.5	57.4
3000	41.9	46.5	48.1	49.2	51.1	51.4	52.6	52.7	53.1	54.5	57.8	57.8	58.3	58.3	58.6	59.5
2500	42.5	47.3	49.1	50.3	52.7	53.1	54.2	54.3	54.6	56.1	59.4	59.4	59.9	59.9	60.2	61.1
2000	44.4	49.2	51.3	52.9	55.3	55.6	56.7	57.1	57.3	58.8	62.1	62.1	62.6	62.6	62.9	63.8
1800	45.3	51.3	53.5	55.1	56.9	57.3	58.4	59.7	60.1	61.5	65.1	65.1	65.5	65.5	65.8	66.7
1600	47.6	53.0	55.3	56.9	59.9	60.2	61.3	61.7	62.0	63.4	66.7	66.9	67.4	67.4	67.7	68.7
1400	49.6	54.9	56.2	57.8	60.9	61.2	62.3	62.6	62.9	64.4	67.9	67.9	68.4	68.4	68.7	69.6
1200	51.1	56.9	59.1	60.7	64.1	64.4	65.5	65.8	66.1	67.6	71.1	71.1	71.7	71.7	72.0	72.9
1000	51.3	57.2	59.4	61.2	64.4	64.7	65.8	66.1	66.5	67.9	71.4	71.4	72.0	72.0	72.4	73.3
900	51.9	57.8	60.1	61.7	65.3	65.7	66.8	67.1	67.5	69.3	72.8	72.8	73.5	73.5	73.8	74.7
800	53.1	59.6	61.8	63.4	67.1	67.4	68.2	69.6	70.4	71.9	75.4	76.4	77.3	77.3	77.9	78.9
700	53.2	59.9	62.1	63.7	67.9	68.2	70.3	70.4	71.2	72.7	77.3	77.3	78.3	78.3	78.8	79.7
600	53.4	60.2	62.5	64.2	68.4	68.7	70.4	70.9	71.7	73.2	78.0	78.0	79.2	79.2	79.7	80.6
500	53.5	60.4	63.4	65.0	69.3	69.6	71.4	72.0	72.8	74.4	79.2	79.2	80.5	80.5	81.0	82.0
400	53.5	60.5	63.7	65.3	69.6	70.0	71.7	72.7	73.5	75.1	80.0	80.4	81.8	81.8	82.6	83.5
300	54.2	61.3	64.9	66.5	71.1	71.4	74.1	75.6	76.4	78.0	82.9	83.4	85.5	85.5	86.4	87.7
200	54.6	61.5	65.3	66.9	71.6	71.9	74.6	76.1	76.9	78.4	84.3	84.8	87.1	87.2	88.2	89.5
100	55.3	62.6	66.1	67.7	72.5	72.6	75.6	77.3	78.1	79.9	87.1	87.5	89.9	[illegible]	91.5	93.3
0	55.3	62.6	66.1	67.7	72.5	72.8	75.6	77.3	78.1	79.9	87.7	88.2	91.9	91.1	92.7	95.0
CEILING UNLIMITED	55.3	62.8	66.5	68.1	72.8	73.2	75.9	78.1	78.9	80.7	88.7	89.1	91.9	92.0	94.1	96.4
TOTAL	55.3	62.8	66.5	68.1	72.8	73.2	75.9	78.4	79.2	81.0	89.1	89.6	92.3	92.5	94.7	97.4

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

1 (MONTHS) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

(OBSERVATION TIMES)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	10	7	5	4	3	2	1	1/2	1/4	1/8	1/16	1/32	0
10	31.8	35.3	37.2	37.7	39.3	40.4	40.3	41.7	42.1	43.6	43.7	44.2	44.2
9	33.2	36.8	38.3	39.7	41.5	41.6	42.1	42.7	43.4	44.8	44.9	45.4	45.5
8	34.3	37.5	40.2	41.5	42.3	42.6	43.4	43.7	44.2	45.7	46.0	46.5	47.4
7	34.1	37.7	40.2	42.7	43.5	43.7	43.6	44.1	44.7	46.4	47.0	47.1	47.6
6	34.3	37.9	40.4	42.9	43.7	44.0	44.3	44.9	45.5	46.6	47.2	47.3	47.8
5	34.7	37.2	40.7	41.2	43.1	43.3	44.2	44.7	44.9	46.1	47.1	47.7	48.2
4	33.3	37.9	41.4	42.1	43.9	44.1	44.7	45.4	45.7	46.7	47.7	48.4	48.9
3	36.5	40.1	41.7	42.2	44.1	44.3	45.2	45.7	45.9	47.0	48.1	48.7	49.2
2	37.7	41.4	43.1	43.6	45.6	46.9	46.8	47.3	47.4	48.7	49.8	50.2	50.7
1	38.5	43.5	45.7	46.7	47.9	48.2	48.2	48.7	48.9	50.4	51.4	52.1	52.6
0	39.3	44.6	46.4	47.1	48.2	48.5	48.4	49.1	49.2	50.7	51.8	52.6	53.1
M	4.4	45.7	47.5	48.3	49.5	49.7	51.7	52.2	52.2	53.2	54.2	55.2	55.8
	40.3	46.3	48.2	49.2	51.2	51.3	52.4	53.1	53.2	54.4	55.6	56.8	57.4
	42.7	48.4	50.6	51.4	52.6	54.1	55.1	55.7	55.9	57.2	58.4	59.2	59.8
	44.4	51.8	53.7	54.3	56.0	57.6	58.2	58.7	59.0	60.3	61.6	62.3	62.8
	46.2	52.3	54.5	55.7	58.4	59.7	60.4	60.9	61.2	62.6	63.9	64.6	65.2
	47.1	53.7	56.1	57.3	60.0	61.4	62.3	62.8	63.2	64.6	65.9	66.6	67.2
	48.4	55.5	57.9	59.3	62.3	63.9	64.9	65.4	65.8	67.2	68.6	69.3	69.9
	49.6	56.8	59.2	60.7	63.7	65.4	66.3	66.9	67.3	68.7	70.1	70.8	71.4
	49.6	57.1	59.6	61.1	64.1	65.8	66.7	67.3	67.7	69.1	70.5	71.2	71.8
	50.1	58.3	61.1	62.6	65.8	67.5	68.4	69.0	69.4	70.8	72.2	72.9	73.5
	50.4	59.0	61.6	63.6	66.9	68.6	69.5	70.1	70.5	71.9	73.3	74.0	74.6
	50.7	59.5	62.1	64.1	67.4	69.1	70.0	70.6	71.0	72.4	73.8	74.5	75.1
	51.1	60.1	63.3	65.3	68.7	70.4	71.3	71.9	72.3	73.7	75.1	75.8	76.4
	51.2	60.6	63.9	65.9	69.2	71.0	71.9	72.5	72.9	74.3	75.7	76.4	77.0
	51.7	61.5	64.5	66.7	70.1	71.9	72.8	73.4	73.8	75.2	76.6	77.3	77.9
	52.1	62.1	65.3	67.6	71.0	72.8	73.7	74.3	74.7	76.1	77.5	78.2	78.8
	52.3	62.6	66.0	68.2	71.5	73.3	74.2	74.8	75.2	76.6	78.0	78.7	79.3
	52.3	62.7	66.2	68.5	71.8	73.6	74.5	75.1	75.5	76.9	78.3	79.0	79.6
	52.4	62.8	66.4	68.7	72.0	73.8	74.7	75.3	75.7	77.1	78.5	79.2	79.8
	52.4	62.9	66.4	68.7	72.0	73.8	74.7	75.3	75.7	77.1	78.5	79.2	79.8
	52.4	62.9	66.4	68.8	72.1	73.9	74.8	75.4	75.8	77.2	78.6	79.3	79.9

TOTAL NUMBER OF OBSERVATIONS

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

[illegible] JAFF ROMANOF AFS AK — 73-81 — APR

STATION NAME — YEARS — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

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

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1[illegible] CAPE ROMANZOF AFS AK 73-81 APR
(STATION) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	7	5	4	3	2½	2	1½	1¼	1	¾	½	⅜	¼	0
[illegible]	31.9	35.1	35.9	36.0	37.0	37.0	37.5	37.9	37.9	38.1	38.4	38.5	38.6	38.6	38.6
[illegible]	32.2	35.4	36.3	36.4	37.5	37.5	38.0	38.4	38.4	38.6	38.9	39.0	39.1	39.1	39.1
[illegible]	32.3	35.3	37.2	37.3	38.4	38.4	38.9	39.3	39.7	39.5	39.6	39.9	40.0	40.0	40.0
[illegible]	32.3	35.4	37.4	37.5	38.6	38.6	39.1	39.5	39.5	39.8	40.0	40.1	40.2	40.2	40.2
[illegible]	32.3	35.4	37.4	37.5	38.6	38.6	39.1	39.5	39.5	39.8	40.0	40.1	40.2	40.2	40.2
[illegible]	32.3	36.4	37.4	37.5	39.6	38.6	39.1	39.5	39.5	39.8	40.0	40.1	40.2	40.2	40.2
[illegible]	34.4	38.1	39.1	39.3	40.4	40.4	40.9	41.5	41.5	41.7	42.0	42.1	42.2	42.2	42.2
[illegible]	34.4	38.1	39.1	39.3	40.5	40.5	41.2	41.6	41.6	41.9	42.1	42.2	42.3	42.3	42.3
[illegible]	36.3	40.0	41.0	41.1	42.3	42.3	42.8	43.5	43.5	43.7	44.0	44.1	44.2	44.2	44.2
[illegible]	36.1	41.9	42.6	43.0	44.2	44.2	44.7	45.3	45.3	45.6	45.8	45.9	46.0	46.2	46.2
[illegible]	36.4	42.1	43.1	43.2	44.4	44.4	44.9	45.6	45.6	45.8	46.0	46.2	46.3	46.3	46.3
[illegible]	36.9	43.8	44.8	44.9	46.2	46.3	46.8	47.4	47.4	47.7	47.9	48.1	48.1	48.1	48.1
[illegible]	43.7	44.7	45.9	46.0	47.4	47.4	47.9	48.5	48.5	48.8	49.0	49.1	49.3	49.3	49.3
[illegible]	42.1	46.5	47.9	48.0	49.5	49.5	50.2	50.4	50.6	50.9	51.1	51.2	51.4	51.4	51.4
[illegible]	45.1	49.5	51.0	51.7	53.2	53.2	53.7	54.3	54.3	54.6	54.8	54.9	55.1	55.1	55.1
[illegible]	47.3	50.7	53.2	53.5	54.9	54.9	55.4	56.0	56.0	56.3	56.5	56.7	56.8	56.8	56.8
[illegible]	46.9	51.6	54.1	54.3	55.8	55.8	56.3	56.9	56.9	57.2	57.5	57.7	57.8	57.8	57.8
[illegible]	47.0	53.2	55.8	56.0	57.7	57.7	58.1	58.9	58.9	59.1	59.5	59.6	59.8	59.8	59.8
[illegible]	47.9	54.2	56.9	57.0	58.6	58.6	59.1	59.9	59.9	60.1	60.5	60.6	60.7	60.7	60.7
[illegible]	52.2	56.2	59.0	59.6	61.5	61.5	62.0	62.6	62.8	63.1	63.6	63.7	63.9	63.8	64.0
[illegible]	53.1	59.6	62.6	63.3	65.3	65.3	66.3	67.3	67.3	67.7	68.2	68.4	68.5	68.5	68.6
[illegible]	53.7	60.6	63.6	64.6	67.0	67.0	68.1	69.5	69.5	69.9	70.7	70.9	71.2	71.2	71.4
[illegible]	54.2	61.9	64.7	65.6	68.3	68.3	69.4	70.9	70.9	71.5	72.3	72.5	73.0	73.0	73.1
[illegible]	54.7	62.9	65.8	67.0	69.6	69.6	70.9	72.3	72.6	73.5	74.4	74.8	75.3	75.3	75.4
[illegible]	55.1	62.3	66.3	67.7	70.5	70.5	72.1	73.7	74.1	75.1	76.5	76.9	77.7	77.7	77.9
[illegible]	55.3	63.6	67.5	69.0	72.2	72.3	74.0	75.6	76.2	77.3	79.4	79.8	80.5	80.5	80.6
[illegible]	56.0	65.6	70.1	72.3	76.3	76.4	78.1	80.4	81.1	82.2	84.9	85.3	86.0	86.2	86.2
[illegible]	57.5	66.5	71.2	73.5	77.5	77.7	79.4	82.2	83.1	84.3	86.5	88.9	89.9	89.9	90.1
[illegible]	57.7	66.7	71.6	74.2	78.8	78.9	81.0	84.0	84.9	86.4	91.4	91.7	93.2	93.2	93.5
[illegible]	57.7	66.8	71.9	74.7	79.3	79.4	81.5	84.4	85.4	87.2	92.6	93.0	95.3	95.3	95.9
[illegible]	57.7	66.8	71.9	74.7	79.3	79.4	81.5	84.4	85.4	87.3	93.3	93.7	96.9	97.0	98.1
[illegible]	57.7	66.8	71.9	74.7	79.3	79.4	81.5	84.4	85.4	87.3	93.7	93.8	97.5	97.6	99.1

TOTAL NUMBER OF OBSERVATIONS [illegible]

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

72212 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥½	≥¼	<¼
≥22000	32.2	34.3	35.1	35.7	36.9	37.0	37.3	37.3	37.4	37.5
≥20000	32.2	35.4	36.2	36.6	37.9	38.1	38.4	38.4	38.5	38.6
≥18000	34.1	36.3	37.1	37.7	38.8	39.0	39.3	39.3	39.4	39.5
≥16000	34.2	36.4	37.2	37.8	38.9	39.1	39.4	39.4	39.5	39.6
≥14000	34.6	36.8	37.5	38.1	39.3	39.5	39.8	39.8	39.9	40.0
≥12000	34.8	37.0	37.8	38.4	39.5	39.8	40.0	40.0	40.1	40.2
≥10000	35.7	38.9	39.6	40.2	41.4	41.6	41.9	41.9	42.0	42.1
≥9000	37.2	39.4	40.1	40.7	41.9	42.1	42.3	42.3	42.5	42.6
≥8000	38.9	41.2	42.0	42.6	43.7	44.0	44.2	44.2	44.3	44.4
≥7000	41.2	43.6	44.4	45.1	46.2	46.4	46.7	46.7	46.8	46.9
≥6000	41.5	44.1	45.1	45.7	46.8	47.0	47.3	47.3	47.4	47.5
≥5000	42.7	45.6	46.7	47.3	48.5	48.8	49.0	49.0	49.1	49.3
≥4500	42.7	45.8	47.3	47.9	49.1	49.4	49.6	49.6	49.8	49.9
≥4000	44.6	48.0	49.9	50.6	52.1	52.5	52.7	52.7	53.0	53.1
≥3500	47.0	50.9	52.7	53.6	55.1	55.4	55.7	55.7	55.9	56.0
≥3000	49.0	52.1	54.1	54.8	56.5	56.9	57.2	57.2	57.4	57.5
≥2500	49.6	52.8	54.7	55.6	57.3	57.7	57.9	57.9	58.1	58.4
≥2000	49.4	54.3	56.2	57.2	59.1	59.5	59.8	59.8	60.0	60.2
≥1800	49.8	54.9	56.9	57.9	59.9	60.2	60.5	60.5	60.7	61.0
≥1500	51.1	56.4	58.3	59.9	62.3	62.7	63.1	63.1	63.3	63.6
≥1200	53.3	59.5	61.4	63.1	65.6	65.9	66.5	66.5	67.0	67.4
≥1000	54.8	61.1	63.1	64.9	67.5	68.1	68.8	69.1	69.4	69.8
≥900	55.7	62.3	64.3	66.2	68.9	69.5	70.2	71.1	71.4	71.7
≥800	56.3	62.6	64.8	66.9	69.6	70.2	71.0	71.9	72.1	72.5
≥700	56.2	63.0	64.9	67.0	69.8	70.4	71.1	72.3	72.6	73.0
≥600	56.7	64.0	66.3	68.8	71.6	72.2	73.2	74.7	74.9	75.3
≥500	57.9	65.9	69.5	71.2	74.9	75.8	77.2	79.1	79.6	80.4
≥400	58.4	66.9	69.9	73.1	77.3	78.1	79.5	81.9	82.5	83.3
≥300	58.6	67.3	70.4	73.6	77.9	78.8	80.4	83.0	83.6	84.7
≥200	59.0	67.9	71.3	74.3	78.8	79.8	81.7	84.6	85.2	86.4
≥150	59.1	67.9	71.3	74.7	79.4	80.5	82.5	85.7	86.4	87.8
≥100	59.1	67.9	71.3	74.7	79.4	80.5	82.5	85.7	86.4	87.8

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥½	≥¼	<¼
≥22000	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
≥20000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥18000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥16000	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
≥14000	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥12000	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
≥10000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥9000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥8000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥7000	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥6000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥5000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥4500	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥4000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥3500	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥3000	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
≥2500	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
≥2000	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥1800	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥1500	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥1200	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥1000	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥900	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥800	73.2	73.2	73.8	73.6	73.8	73.8	73.8	73.8	73.8	73.8
≥700	73.3	73.7	73.7	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥600	76.8	76.9	77.5	77.7	77.7	77.8	77.8	77.8	77.8	77.8
≥500	82.3	82.5	83.2	83.3	83.3	83.6	83.6	83.6	83.6	83.6
≥400	86.0	86.2	87.2	87.4	87.7	87.7	87.7	87.7	87.7	87.7
≥300	88.0	89.3	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8
≥200	90.6	90.9	92.1	92.3	92.8	93.0	93.0	93.0	93.0	93.0
≥150	92.8	93.1	95.2	95.4	96.7	97.0	97.0	97.0	97.0	97.0
≥100	92.8	93.1	95.2	95.4	96.7	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 810

USAF ETAC FORM 0-14-5 (OL A1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible] CAPE ROMANZOF AFS AK 73-81 APR
(STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
	32.8	35.7	36.7	37.0	39.4	38.5	38.6	39.1	39.1	39.4	39.5	39.5	39.6	39.6	39.6	39.6	
	34.1	36.2	37.2	38.3	39.6	39.8	39.9	40.2	40.3	40.6	40.7	40.7	40.9	40.9	40.9	40.9	
	36.2	38.9	40.0	40.4	41.9	42.0	42.2	42.6	42.6	43.0	43.3	43.3	43.5	43.5	43.5	43.5	
	36.2	38.9	40.1	40.4	41.9	42.0	42.2	42.6	42.6	43.0	43.3	43.3	43.5	43.5	43.6	43.6	
	36.2	39.1	40.2	40.6	42.1	42.2	42.5	42.8	42.8	43.2	43.6	43.6	43.7	43.8	43.8	43.8	
	36.3	39.3	40.4	40.7	42.2	42.3	42.6	43.0	43.0	43.3	43.7	43.7	43.8	44.0	44.0	44.0	
	37.0	40.2	41.4	41.7	43.2	43.3	43.6	44.0	44.0	44.3	44.7	44.7	44.8	44.9	44.9	44.9	
	38.1	41.4	42.5	42.8	44.3	44.4	44.7	45.1	45.1	45.4	45.8	45.8	45.9	46.0	46.0	46.0	
	39.3	42.7	43.8	44.2	45.7	45.8	46.0	46.4	46.4	46.8	47.2	47.2	47.3	47.4	47.4	47.4	
	40.6	44.1	45.2	45.6	47.0	47.2	47.4	47.8	47.8	48.3	48.6	48.6	48.8	48.9	48.9	49.0	
	41.5	45.1	46.3	46.8	48.3	48.4	48.6	49.0	49.0	49.5	49.9	49.9	50.0	50.1	50.1	50.2	
	42.5	46.2	47.4	47.9	49.4	49.5	49.8	50.1	50.1	50.6	51.0	51.0	51.1	51.2	51.2	51.4	
	42.5	46.2	47.4	47.9	49.4	49.5	49.8	50.1	50.1	50.6	51.0	51.0	51.1	51.2	51.2	51.4	
	44.3	47.9	49.5	50.1	51.9	52.0	52.2	52.7	52.8	53.3	53.8	53.8	53.9	54.0	54.1	54.1	
	45.8	49.9	51.5	52.1	53.8	54.0	54.2	54.9	55.1	55.6	56.0	56.0	56.2	56.3	56.4	56.4	
	46.6	52.0	53.9	54.4	56.3	56.4	56.7	57.5	57.7	58.1	58.6	58.6	58.8	58.9	59.0	59.0	
	48.3	53.6	55.4	56.0	59.0	58.1	58.4	59.3	59.5	60.0	60.6	60.7	60.9	60.9	61.0	61.0	
	49.3	55.7	57.5	58.3	60.5	60.6	60.9	61.7	62.0	62.5	63.1	63.1	63.2	63.3	63.3	63.5	
	49.3	56.3	58.1	59.0	61.4	61.5	61.7	62.6	62.8	63.3	64.0	64.0	64.1	64.2	64.2	64.3	
	50.7	56.4	60.2	61.2	63.7	64.0	64.3	65.2	65.4	65.9	66.5	66.5	66.7	66.8	66.9	66.9	
	53.7	61.5	63.5	64.8	67.5	67.8	68.6	69.5	69.9	70.2	71.0	71.0	71.1	71.2	71.2	71.4	
	55.3	63.2	65.7	66.8	69.6	70.0	71.0	72.2	72.6	73.1	73.8	73.8	74.1	74.2	74.2	74.3	
	55.8	63.7	66.4	67.5	70.6	71.1	72.1	73.5	73.8	74.3	75.1	75.1	75.3	75.6	75.6	75.7	
	56.2	64.3	67.2	68.1	71.2	71.7	72.7	74.1	74.4	74.9	75.7	75.7	76.3	76.5	76.5	76.7	
	56.5	64.7	67.4	68.5	71.7	72.2	73.2	74.7	75.1	75.6	76.5	76.5	77.3	77.5	77.5	77.7	
	57.2	65.3	68.1	69.6	73.1	73.6	74.7	76.2	76.8	77.3	78.9	78.9	79.8	80.0	80.0	80.1	
	57.9	66.9	69.8	71.5	75.3	75.8	77.7	79.3	80.0	81.0	82.7	82.8	83.7	84.0	84.0	84.1	
	58.4	68.5	71.9	74.0	77.9	78.4	80.6	82.6	83.3	84.4	86.8	86.9	87.8	88.2	88.2	88.4	
	58.4	68.8	72.3	74.4	78.5	79.0	81.5	83.6	84.3	85.4	88.0	88.1	89.1	89.4	89.4	89.5	
	58.5	69.8	73.4	75.7	79.9	80.4	83.0	85.1	85.8	87.3	90.5	90.7	91.9	92.3	92.3	92.5	
	58.5	69.9	73.8	75.9	80.4	81.1	83.8	86.3	87.0	88.5	92.1	92.5	94.4	94.9	96.0	97.2	
	58.5	69.9	73.8	75.9	80.4	81.1	83.8	86.3	87.0	88.6	92.5	92.8	95.1	95.7	97.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 81

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] CAPE ROMANZOF AFS AK 73-61 APR
WBAN NO. STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	<¼
≥22000	32.3	35.4	35.9	36.3	36.9	36.9	37.2	37.7	37.7	37.7	38.1	38.3	38.3	38.3	38.3
≥20000	33.6	36.2	36.7	37.0	37.7	37.7	37.9	38.4	38.4	38.4	38.9	39.0	39.0	39.0	39.0
≥18000	36.3	38.9	39.4	39.8	40.4	40.4	40.6	41.1	41.1	41.1	41.5	41.6	41.7	41.7	41.7
≥16000	36.9	39.5	40.0	40.4	41.0	41.0	41.2	41.7	41.7	41.7	42.2	42.2	42.3	42.3	42.3
≥14000	36.9	39.5	40.0	40.4	41.0	41.0	41.2	41.7	41.7	41.7	42.2	42.2	42.3	42.3	42.3
≥12000	37.5	40.1	40.6	41.0	41.6	41.6	41.9	42.3	42.3	42.3	42.8	42.8	43.0	43.0	43.0
≥11000	38.4	41.0	41.5	41.9	42.5	42.5	42.7	43.2	43.2	43.2	43.7	43.7	43.8	43.8	43.8
≥10000	39.1	41.7	42.2	42.6	43.2	43.2	43.5	44.0	44.0	44.0	44.4	44.4	44.6	44.6	44.6
≥9000	41.6	43.3	43.8	44.3	44.9	44.9	45.2	45.7	45.7	45.7	46.2	46.2	46.3	46.3	46.4
≥8000	41.6	44.3	45.1	45.6	46.2	46.2	46.4	46.9	46.9	46.9	47.4	47.4	47.5	47.5	47.7
≥7000	42.1	44.8	45.6	46.0	46.7	46.7	46.9	47.4	47.4	47.4	47.9	47.9	48.0	48.0	48.1
≥6000	42.2	45.1	45.8	46.3	46.9	47.0	47.3	47.8	47.8	47.8	48.3	48.3	48.4	48.4	48.5
≥5000	42.3	45.2	45.9	46.4	47.0	47.2	47.4	47.9	47.9	47.9	48.4	48.4	48.5	48.5	48.6
≥4500	44.4	47.5	48.4	49.1	50.0	50.1	50.4	50.9	50.9	50.9	51.4	51.4	51.5	51.5	51.6
≥4000	47.0	50.5	51.5	52.2	53.3	53.5	53.8	54.3	54.4	54.6	55.1	55.1	55.2	55.2	55.3
≥3500	48.6	53.1	54.2	54.9	56.0	56.2	56.7	57.3	57.4	57.5	58.0	58.0	58.1	58.1	58.3
≥3000	50.6	55.2	56.3	57.0	58.1	58.3	58.8	59.4	59.5	59.6	60.1	60.1	60.2	60.2	60.4
≥2500	51.9	58.4	59.5	60.2	61.4	61.6	62.1	62.7	62.8	63.0	63.5	63.5	63.6	63.6	63.7
≥2000	52.0	58.6	59.8	60.6	61.9	62.1	62.6	63.2	63.3	63.5	64.0	64.0	64.1	64.1	64.2
≥1800	53.3	60.6	61.9	63.1	64.7	64.9	65.6	66.2	66.3	66.4	66.9	66.9	67.0	67.0	67.2
≥1600	56.0	64.6	65.9	67.2	68.8	69.4	70.9	71.5	71.6	71.9	72.3	72.3	72.5	72.5	72.6
≥1400	57.7	66.9	68.3	69.6	71.2	71.9	73.3	74.0	74.1	74.3	74.8	74.9	75.1	75.1	75.2
≥1200	57.9	67.3	68.8	70.1	71.7	72.3	74.0	74.6	74.7	74.9	75.4	75.6	75.8	75.8	75.9
≥1000	58.0	67.7	69.1	70.5	72.1	72.7	74.3	75.1	75.2	75.4	75.9	76.0	76.3	76.5	76.7
≥900	58.4	68.5	70.1	71.6	73.2	73.8	75.4	76.4	76.5	76.8	77.5	77.7	78.0	78.3	78.4
≥800	59.4	70.0	71.6	73.1	74.8	75.8	77.5	79.0	79.1	80.0	81.0	81.1	81.5	81.7	82.2
≥700	60.5	71.7	73.7	75.4	77.3	78.3	80.9	82.3	82.5	83.3	84.6	84.8	85.2	85.4	85.9
≥600	61.4	73.5	76.0	78.0	80.0	81.1	84.1	85.6	85.8	86.8	88.6	88.9	89.3	89.5	90.0
≥500	61.4	73.8	76.5	78.5	80.7	81.9	84.8	86.3	86.5	87.9	90.2	90.6	91.4	91.6	92.1
≥400	61.5	74.4	77.3	79.3	81.6	82.8	85.8	87.3	87.5	88.9	91.7	92.2	93.5	93.7	94.4
≥300	61.5	74.4	77.4	79.4	81.9	83.1	86.7	88.6	88.9	90.2	94.0	94.6	96.0	96.3	97.4
≥200	61.5	74.4	77.4	79.4	81.9	83.1	86.7	88.6	88.9	90.2	94.3	94.9	96.4	96.7	98.1

TOTAL NUMBER OF OBSERVATIONS 31

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2122 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	¾	½	¼	0			
NO CEILING	33.7	32.2	32.7	32.7	33.1	33.1	33.5	33.6	33.6	33.8	33.9	34.0	34.1	34.1	34.1	34.5
≥ 20000	31.7	33.2	33.8	33.8	34.1	34.1	34.5	34.6	34.5	34.8	35.0	35.1	35.3	35.3	35.3	35.6
≥ 8000	34.5	36.1	36.6	36.6	37.0	37.0	37.4	37.5	37.5	37.7	37.9	38.0	38.2	38.2	38.2	38.5
≥ 6000	35.0	36.6	37.2	37.2	37.5	37.5	37.9	38.0	38.0	38.2	38.4	38.5	38.7	38.7	38.7	39.0
≥ 4500	35.1	36.8	37.3	37.3	37.7	37.7	38.0	38.2	38.2	38.3	38.5	38.7	38.8	38.8	38.8	39.2
≥ 3000	35.8	37.4	37.9	37.9	38.3	38.3	38.7	38.8	38.8	38.9	39.2	39.3	39.4	39.4	39.4	39.6
≥ 2000	37.4	39.0	39.5	39.5	39.9	39.9	40.3	40.4	40.4	40.6	40.8	40.9	41.1	41.1	41.1	41.4
≥ 1500	37.7	39.3	39.8	39.8	40.2	40.2	40.6	40.7	40.7	40.8	41.1	41.2	41.3	41.3	41.3	41.7
≥ 1000	39.3	41.1	41.6	41.6	41.9	41.9	42.3	42.4	42.4	42.6	42.8	42.9	43.2	43.2	43.2	43.6
≥ 700	39.9	41.7	42.3	42.3	42.9	42.9	43.5	43.6	43.6	44.0	44.5	44.7	45.0	45.0	45.0	45.3
≥ 600	40.7	42.4	43.1	43.1	43.7	43.7	44.2	44.3	44.3	44.7	45.2	45.5	45.7	45.7	45.7	46.1
≥ 500	41.2	42.9	43.6	43.6	44.2	44.2	44.7	44.8	44.8	45.2	45.7	46.0	46.2	46.2	46.2	46.6
≥ 400	41.6	43.3	44.0	44.0	44.6	44.6	45.1	45.2	45.2	45.6	46.1	46.3	46.6	46.6	46.6	47.0
≥ 300	43.8	45.7	46.6	46.6	47.6	47.6	48.1	48.2	48.2	48.6	49.1	49.4	49.6	49.6	49.6	50.0
≥ 200	46.3	48.5	49.5	49.6	50.6	50.6	51.1	51.4	51.4	51.8	52.3	52.5	52.8	52.8	52.8	53.1
≥ 150	47.1	49.6	50.7	51.0	52.3	52.3	53.3	53.5	53.7	54.2	54.7	54.9	55.2	55.2	55.2	55.5
≥ 100	49.1	51.8	53.1	53.3	54.5	54.5	55.7	55.9	56.1	56.4	57.1	57.3	57.6	57.6	57.6	57.9
≥ 70	51.6	55.0	56.4	56.7	58.6	58.6	59.7	59.9	60.1	60.5	61.1	61.5	61.7	61.7	61.7	62.1
≥ 60	51.6	55.0	56.5	56.8	58.9	58.9	60.1	60.3	60.5	60.8	61.5	61.8	62.1	62.1	62.1	62.5
≥ 50	54.5	58.4	60.2	60.6	63.4	63.4	64.9	65.1	65.2	65.6	66.2	66.6	66.9	66.9	66.9	67.3
≥ 40	57.3	62.0	63.9	64.4	67.3	67.4	69.5	70.0	70.1	70.9	71.5	71.9	72.2	72.2	72.2	72.5
≥ 30	58.4	64.0	66.2	66.8	69.6	69.8	72.0	72.5	72.6	73.4	74.3	74.7	75.1	75.1	75.1	75.4
≥ 25	59.7	65.6	67.9	68.4	71.3	71.4	73.7	74.2	74.4	75.1	75.9	76.3	76.7	76.8	76.8	77.2
≥ 20	60.2	66.6	69.0	69.8	72.8	72.9	75.4	75.9	76.2	76.9	77.7	78.1	78.5	78.6	78.6	79.0
≥ 15	60.2	67.4	69.9	70.7	73.8	73.9	76.4	77.0	77.3	78.1	79.1	79.5	79.8	80.0	80.0	80.4
≥ 10	61.2	68.9	71.8	72.8	76.2	76.4	79.3	80.2	80.7	81.6	82.9	83.2	83.6	83.9	84.0	84.5
≥ 7	61.3	70.0	73.2	74.2	77.6	77.8	80.7	81.6	82.1	83.2	84.6	85.5	85.9	86.1	86.6	87.0
≥ 5	61.7	70.8	74.4	75.6	79.1	79.5	83.1	84.3	84.8	86.1	88.5	89.2	89.8	90.1	90.7	91.1
≥ 4	62.0	71.7	75.4	77.2	81.0	81.5	85.1	86.8	87.3	88.7	91.9	92.6	93.2	93.5	94.1	94.6
≥ 3	62.0	71.8	75.7	77.7	81.7	82.5	86.3	87.9	88.4	89.8	93.1	94.5	95.1	95.3	96.1	96.6
≥ 2	62.0	71.9	76.1	78.1	82.7	83.5	87.4	89.4	89.9	91.8	96.2	96.6	97.5	97.7	98.6	99.0
≥ 1	62.0	71.9	76.1	78.1	82.7	83.5	87.4	89.4	89.9	91.9	96.2	96.9	97.7	98.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]0 CAPE ROMANZOF AFS AK 73-01 APR
STATION STATION NAME YEAR GMT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]-[illegible]

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	1	1	1	1	1	1	1	1	0
NO CEILING	33.4	33.4	34.0	34.0	34.7	34.9	35.3	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.9	35.9
≥ 20000	31.0	34.0	34.6	34.6	35.3	35.5	36.0	36.1	36.1	36.3	36.6	36.6	36.6	36.6	36.6	36.6
≥ 18000	34.3	37.6	38.4	38.4	39.1	39.3	39.7	39.9	39.9	40.0	40.3	40.3	40.3	40.3	40.3	40.3
≥ 16000	34.6	37.9	38.7	38.7	39.4	39.6	40.0	40.2	40.2	40.3	40.6	40.6	40.6	40.6	40.6	40.6
≥ 14000	35.2	38.5	39.3	39.3	40.0	40.2	40.6	40.8	40.8	40.9	41.2	41.2	41.2	41.2	41.2	41.2
≥ 12000	36.3	39.6	40.3	40.3	41.1	41.2	41.7	41.8	41.8	42.0	42.3	42.3	42.3	42.3	42.3	42.3
≥ 11000	37.2	40.6	41.4	41.4	42.1	42.3	42.7	42.9	42.9	43.1	43.4	43.4	43.4	43.4	43.4	43.4
≥ 10000	38.1	41.5	42.3	42.3	43.1	43.2	43.7	43.8	43.8	44.0	44.3	44.3	44.3	44.3	44.3	44.3
≥ 9000	40.5	44.0	45.0	45.0	45.8	45.9	46.4	46.5	46.5	46.7	47.0	47.0	47.0	47.0	47.0	47.0
≥ 8000	40.8	44.3	45.5	45.5	46.4	46.5	47.0	47.1	47.1	47.3	47.6	47.6	47.6	47.6	47.6	47.6
≥ 7000	41.8	45.3	46.5	46.5	47.4	47.6	48.0	48.1	48.2	48.3	48.6	48.6	48.6	48.6	48.6	48.6
≥ 6000	41.8	45.8	47.0	47.0	47.9	48.0	48.5	48.6	48.6	48.8	49.1	49.1	49.1	49.1	49.1	49.1
≥ 5000	42.1	46.1	47.3	47.3	48.2	48.3	48.8	48.9	48.9	49.1	49.4	49.4	49.4	49.4	49.4	49.4
≥ 4500	44.3	48.2	49.7	49.7	50.6	50.8	51.4	51.5	51.5	51.8	52.1	52.1	52.1	52.1	52.1	52.1
≥ 4000	46.5	51.1	52.5	52.6	53.5	53.6	54.5	54.7	54.7	55.0	55.3	55.3	55.3	55.3	55.3	55.3
≥ 3500	47.3	52.0	53.5	53.5	54.5	54.8	55.9	56.0	56.3	56.9	57.3	57.3	57.4	57.4	57.4	57.4
≥ 3000	48.3	53.2	55.1	55.3	56.3	56.6	57.7	57.9	58.2	58.8	59.1	59.1	59.2	59.2	59.2	59.2
≥ 2500	48.5	54.1	56.6	56.9	58.0	58.3	59.4	59.5	60.5	60.7	61.0	61.0	61.2	61.3	61.5	61.5
≥ 2000	48.5	54.2	56.8	57.1	58.8	59.1	60.1	60.3	60.7	61.5	61.8	61.8	61.9	62.1	62.2	62.2
≥ 1800	49.2	55.7	58.6	59.5	61.2	61.5	62.8	63.1	63.6	64.4	64.7	64.7	64.8	65.0	65.1	65.1
≥ 1600	52.3	59.7	62.8	63.7	66.0	66.3	68.0	68.3	69.0	69.9	70.2	70.2	70.5	70.7	70.8	70.8
≥ 1400	53.3	61.0	64.7	65.6	67.8	68.1	70.1	70.7	71.5	72.8	73.1	73.1	73.4	73.6	73.7	73.7
≥ 1200	53.5	61.6	65.4	66.3	68.9	69.3	71.3	71.9	72.7	74.0	74.3	74.3	74.6	74.8	74.9	74.9
≥ 1100	53.6	61.8	66.2	67.1	69.6	70.1	72.1	72.7	73.4	74.8	75.2	75.2	75.5	75.7	75.8	75.8
≥ 1000	54.1	62.4	66.9	67.8	70.5	71.0	73.3	73.9	74.6	76.0	76.6	76.6	76.9	77.0	77.2	77.2
≥ 900	54.8	63.6	68.7	69.9	73.0	73.6	76.1	76.9	77.6	79.3	80.2	80.2	80.5	80.7	80.8	80.8
≥ 800	55.3	64.4	69.5	70.7	74.2	75.1	78.1	79.0	80.1	82.2	83.5	83.5	83.8	84.0	84.1	84.3
≥ 700	56.3	65.3	71.0	72.4	75.8	77.3	80.5	82.3	83.7	86.3	89.3	89.3	89.6	89.7	89.9	90.2
≥ 600	56.3	65.6	71.5	73.1	76.7	78.4	81.7	83.7	85.0	87.9	91.4	91.4	92.0	92.1	92.3	92.7
≥ 500	56.3	65.6	71.6	73.3	77.0	78.9	82.2	84.1	85.5	88.5	92.4	92.4	93.4	93.5	93.8	94.4
≥ 400	56.3	65.6	71.6	73.3	77.2	79.2	82.5	84.6	86.0	89.6	94.6	94.6	96.1	96.2	97.0	96.5
0	56.3	65.6	71.6	73.3	77.2	79.2	82.5	84.6	86.0	89.7	94.7	94.7	96.7	96.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 662

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

72 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
74-81 — YEARS
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

21Z-24Z — HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
≥22000	33.7	35.8	36.6	36.9	37.4	37.4	39.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥20000	34.5	36.6	37.4	37.7	38.2	38.2	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥18000	35.5	37.8	38.6	38.9	39.4	39.4	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥16000	35.3	38.3	39.1	39.4	39.8	39.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥14000	36.2	38.5	39.2	39.5	40.0	40.0	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥12000	37.2	39.5	40.2	40.6	41.1	41.1	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
≥10000	38.6	41.1	41.8	42.2	42.6	42.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
≥9000	39.4	41.9	42.6	42.9	43.5	43.5	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥8000	41.1	43.8	44.5	45.2	46.5	46.5	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥7000	42.2	44.9	46.2	46.3	47.5	47.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥6000	42.9	45.8	46.9	47.2	48.5	48.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥5000	43.5	46.5	47.5	47.8	49.1	49.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥4500	44.2	47.2	48.3	48.6	49.8	49.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥4000	44.9	48.0	49.1	49.4	50.6	50.6	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥3500	46.8	50.0	51.4	51.7	52.9	53.1	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥3000	49.2	51.8	53.4	53.7	54.9	55.1	56.6	56.6	56.6	56.8	57.1	57.1	57.2	57.2	57.2	57.2
≥2500	49.1	52.9	54.5	54.8	56.5	56.6	58.2	58.2	58.3	58.5	58.8	58.8	58.9	58.9	58.9	58.9
≥2000	49.8	53.7	55.8	56.2	58.5	58.6	60.2	60.2	60.5	60.9	61.2	61.2	61.5	61.5	61.5	61.5
≥1800	50.2	54.3	56.5	56.8	59.1	59.2	60.8	60.8	61.1	61.5	61.8	61.8	62.2	62.2	62.2	62.2
≥1600	50.8	55.4	58.1	58.5	62.8	60.9	63.1	63.4	63.7	64.2	64.5	64.5	64.8	64.9	64.9	64.9
≥1400	53.1	58.0	60.6	61.4	63.7	63.8	66.2	66.5	67.1	67.5	67.8	67.8	68.2	68.3	68.3	68.3
≥1200	54.3	59.8	62.9	63.6	66.2	66.3	68.6	69.1	69.7	70.3	71.1	71.1	71.5	71.8	71.8	71.8
≥1000	55.2	60.9	63.8	64.6	67.4	67.5	69.8	70.3	70.9	71.5	72.3	72.3	72.8	73.1	73.1	73.1
≥900	56.6	62.3	65.7	66.5	69.4	69.5	72.0	72.5	73.1	73.7	74.8	74.8	75.2	75.5	75.5	75.5
≥800	56.9	62.8	66.3	67.1	70.0	70.2	72.6	73.1	73.7	74.6	76.2	76.2	76.6	76.9	76.9	76.9
≥700	57.7	64.3	68.0	69.2	72.2	72.3	74.9	75.4	76.0	77.2	78.8	78.8	79.4	79.7	79.7	79.7
≥600	58.3	65.1	69.2	70.8	73.7	73.8	76.5	76.9	78.0	80.3	83.2	83.2	84.0	84.3	84.3	84.3
≥500	59.5	66.6	70.9	72.8	75.7	76.3	79.1	80.2	81.7	84.0	88.2	88.2	89.7	90.3	90.7	90.8
≥400	59.7	66.9	71.4	73.2	76.3	76.9	79.7	80.8	82.3	84.6	90.3	91.3	92.3	92.6	92.6	92.6
≥300	59.7	66.9	71.4	73.5	76.8	77.7	80.5	81.5	83.1	85.4	92.3	92.5	95.7	96.2	96.2	96.2
≥200	59.7	66.9	71.4	73.5	76.9	77.8	80.6	81.7	83.2	85.5	93.1	93.2	96.6	97.1	97.4	97.5
0	59.7	66.9	71.4	73.5	76.9	77.8	80.6	81.7	83.2	85.5	93.1	93.2	95.9	97.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 65

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 (120) CAPE ROMANZOF AFS AK 73-81 APR
(STATION NUMBER) (STATION NAME) (YEARS) (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
≥ 22000	32.7	35.2	35.9	36.1	37.0	37.1	37.6	37.8	37.9	38.0	38.2	38.3	38.4	38.4	38.4	38.4
≥ 20000	33.5	36.1	36.8	37.0	37.9	38.0	38.5	38.7	38.8	38.9	39.2	39.2	39.3	39.3	39.3	39.4
≥ 18000	35.2	37.9	38.7	38.9	39.8	39.9	40.4	40.7	40.7	40.8	41.1	41.2	41.2	41.2	41.2	41.3
≥ 16000	35.5	38.2	39.0	39.2	40.2	40.3	40.8	41.0	41.0	41.2	41.4	41.5	41.6	41.6	41.6	41.7
≥ 14000	35.7	38.4	39.2	39.4	40.4	40.5	41.0	41.2	41.2	41.3	41.6	41.7	41.8	41.8	41.8	41.9
≥ 12000	36.1	38.9	39.7	39.9	40.8	40.9	41.4	41.7	41.7	41.8	42.1	42.1	42.2	42.3	42.3	42.3
≥ 10000	37.4	40.2	41.0	41.2	42.2	42.3	42.8	43.1	43.1	43.2	43.5	43.6	43.7	43.7	43.7	43.7
≥ 9000	37.9	40.7	41.5	41.8	42.8	42.9	43.3	43.6	43.7	43.8	44.1	44.1	44.2	44.2	44.2	44.3
≥ 8000	39.5	42.5	43.3	43.6	44.6	44.7	45.2	45.5	45.5	45.7	46.0	46.0	46.1	46.2	46.2	46.2
≥ 7000	40.8	43.7	44.7	44.9	46.1	46.2	46.7	47.0	47.0	47.1	47.5	47.5	47.7	47.7	47.7	47.8
≥ 6000	41.4	44.4	45.4	45.7	46.8	46.9	47.4	47.7	47.7	47.9	48.2	48.3	48.4	48.4	48.4	48.5
≥ 5000	42.3	45.4	46.4	46.7	47.8	47.9	48.5	48.7	48.8	48.9	49.3	49.3	49.5	49.5	49.5	49.6
≥ 4500	42.6	45.8	46.9	47.2	48.3	48.5	49.0	49.3	49.3	49.5	49.8	49.9	50.0	50.0	50.1	50.1
≥ 4000	44.2	47.6	48.9	49.3	50.6	50.8	51.3	51.6	51.7	51.9	52.2	52.3	52.4	52.4	52.4	52.5
≥ 3500	46.6	50.2	51.8	52.2	53.5	53.7	54.3	54.6	54.7	54.9	55.3	55.4	55.5	55.5	55.5	55.6
≥ 3000	47.7	51.8	53.6	54.0	55.4	55.6	56.3	56.7	56.8	57.1	57.5	57.6	57.7	57.7	57.8	57.8
≥ 2500	49.9	53.1	54.9	55.4	56.9	57.1	57.8	58.2	58.4	58.7	59.1	59.1	59.3	59.3	59.4	59.4
≥ 2000	50.3	55.1	57.1	57.6	59.4	59.6	60.3	60.7	60.9	61.2	61.7	61.7	61.9	62.0	62.0	62.1
≥ 1800	50.4	55.6	57.6	58.2	60.1	60.3	61.0	61.4	61.6	62.0	62.4	62.5	62.7	62.7	62.7	62.8
≥ 1600	51.6	57.4	59.7	60.6	62.8	63.0	63.9	64.4	64.6	64.9	65.4	65.5	65.7	65.7	65.8	65.8
≥ 1400	54.5	60.8	63.2	64.2	66.5	66.8	68.2	68.8	69.0	69.5	70.0	70.1	70.4	70.4	70.5	70.6
≥ 1200	55.6	62.4	65.0	66.1	68.7	69.0	70.5	71.3	71.5	72.1	72.8	72.9	73.3	73.3	73.4	73.5
≥ 1000	56.2	63.2	66.0	67.1	69.8	70.2	71.7	72.5	72.9	73.4	74.2	74.3	74.7	74.8	74.8	74.9
≥ 900	56.6	63.8	66.9	68.2	70.9	71.3	72.9	73.6	74.2	74.8	75.7	75.8	76.3	76.5	76.5	76.6
≥ 800	56.9	64.4	67.5	68.8	71.7	72.0	73.7	74.7	75.2	75.9	77.1	77.2	77.8	78.0	78.0	78.1
≥ 700	57.7	65.6	69.0	70.5	73.5	74.0	75.8	77.0	77.5	78.5	80.0	80.2	80.8	81.0	81.2	81.3
≥ 600	58.5	67.1	70.8	72.6	76.0	76.5	78.7	80.1	80.8	82.1	84.2	84.4	85.0	85.2	85.4	85.5
≥ 500	59.3	68.3	72.4	74.4	78.0	78.7	81.1	82.9	83.7	85.2	88.2	88.4	89.4	89.6	89.8	89.9
≥ 400	59.4	68.7	72.9	75.1	78.9	79.6	82.2	84.1	84.9	86.6	90.2	90.5	91.8	92.0	92.2	92.3
≥ 300	59.5	69.0	73.3	75.7	79.6	80.5	83.1	85.0	85.9	87.7	91.9	92.3	94.2	94.4	94.9	95.2
≥ 200	59.5	69.1	73.4	75.8	79.9	80.9	83.6	85.8	86.7	88.6	93.5	93.9	96.3	96.6	97.6	98.5
≥ 100	59.5	69.1	73.4	75.8	79.9	80.9	83.6	85.8	86.7	88.7	93.6	94.1	96.8	97.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5113

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72212O (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
≥ 25000	32.3	32.8	33.0	33.0	33.7	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
25000	33.5	34.0	34.3	34.3	34.9	34.9	34.9	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
≥ 18000	34.9	35.4	35.7	35.7	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
17000	35.0	35.5	35.8	35.8	36.4	36.4	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 14000	35.0	35.5	35.8	35.8	36.4	36.4	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
12000	35.9	36.4	36.7	36.7	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
≥ 10000	36.3	36.9	37.2	37.2	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
9000	37.3	37.9	38.2	38.2	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 8000	40.4	41.4	41.8	41.8	42.8	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
7000	43.0	44.3	44.6	44.6	45.6	45.6	45.6	45.9	45.9	45.9	46.2	46.4	46.2	46.2	46.2	46.2
≥ 6000	44.1	45.4	45.8	45.8	46.9	46.9	46.9	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3
5000	46.3	47.5	47.9	48.0	49.1	49.1	49.1	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5
≥ 4500	47.1	48.4	48.9	49.0	50.1	50.1	50.1	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5
4000	50.6	51.9	52.5	52.7	54.1	54.2	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
≥ 3500	53.7	55.0	55.9	56.2	57.9	58.0	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
3000	55.4	57.0	58.0	58.4	60.0	60.1	60.2	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7
≥ 2500	57.5	59.2	60.2	60.6	62.2	62.3	62.5	62.7	62.7	62.8	63.0	63.0	63.0	63.0	63.0	63.0
2000	60.5	62.6	63.6	64.2	66.0	66.1	66.2	66.5	66.5	66.6	66.7	66.8	66.7	66.8	66.8	66.8
1800	61.0	63.2	64.2	64.8	66.6	66.7	66.8	67.1	67.1	67.2	67.3	67.5	67.5	67.5	67.5	67.5
1700	64.2	67.5	68.1	68.7	70.4	70.6	71.1	71.3	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.7
1600	66.5	71.6	72.7	73.3	75.3	75.4	76.1	76.3	76.3	76.4	76.6	76.7	76.7	76.7	76.7	76.7
1500	72.1	75.9	77.2	77.8	80.0	80.2	80.8	81.0	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4
1400	73.1	77.1	78.4	79.1	81.3	81.4	82.2	82.4	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8
1300	74.3	78.7	80.0	80.7	82.9	83.0	83.9	84.3	84.3	84.4	84.5	84.7	84.7	84.7	84.7	84.7
1200	75.3	80.3	81.8	82.4	84.7	84.9	85.8	86.3	86.3	86.4	86.5	86.7	86.7	86.7	86.7	86.7
1100	75.8	80.9	82.5	83.2	85.4	85.7	87.0	87.5	87.5	87.7	87.9	88.0	88.0	88.0	88.0	88.0
1000	76.4	82.0	84.3	84.9	88.0	88.3	89.7	90.1	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9
900	77.6	83.4	86.2	86.8	90.1	90.4	91.8	92.3	92.3	93.3	93.9	94.0	94.3	94.3	94.3	94.3
800	77.7	83.5	86.5	87.4	90.9	91.1	92.5	93.1	93.1	94.3	95.0	95.1	95.5	95.5	95.5	95.5
700	77.7	83.5	86.7	87.7	91.5	91.8	93.1	94.1	94.1	95.3	96.5	96.6	97.3	97.4	97.5	97.5
600	77.7	83.5	86.7	87.8	91.6	91.9	93.3	94.3	94.3	95.5	97.1	97.3	98.1	98.3	98.8	98.8
0	77.7	83.5	86.7	87.8	91.6	91.9	93.3	94.3	94.3	95.5	97.1	97.3	98.5	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6[illegible]

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[illegible]1[illegible] CAPE ROMANZOF AFS AK 73-81 MAY
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]-[illegible]

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	≥5/8	≥¼	≥0
[illegible]	29.5	30.3	30.5	30.9	31.0	31.0	31.0	31.0	31.0	31.2	31.5	31.5	31.5	31.5	1.5	31.5
[illegible]	30.9	31.6	31.8	32.2	32.3	32.3	32.3	32.3	32.3	32.5	32.8	32.8	32.8	32.8	32.8	32.8
[illegible]	32.4	33.1	33.4	33.7	33.9	33.9	33.9	33.9	33.9	34.1	34.3	34.3	34.3	34.3	34.3	34.3
[illegible]	32.5	33.3	33.6	34.0	34.1	34.1	34.1	34.1	34.1	34.3	34.5	34.6	34.6	34.6	34.6	34.6
[illegible]	32.8	33.5	33.9	34.2	34.3	34.3	34.3	34.3	34.3	34.6	34.8	34.8	34.8	34.8	34.8	34.8
[illegible]	33.5	34.2	34.6	34.9	35.0	35.0	35.0	35.0	35.0	35.3	35.5	35.5	35.5	35.5	35.5	35.5
[illegible]	34.2	35.0	35.4	35.6	35.9	35.9	35.9	35.9	35.9	36.1	36.4	36.4	36.4	36.4	36.4	36.4
[illegible]	35.0	36.0	36.4	36.7	36.8	36.8	36.8	36.8	36.8	37.1	37.3	37.3	37.3	37.3	37.3	37.3
[illegible]	36.7	37.7	38.0	38.4	38.5	38.5	38.5	38.5	38.5	38.8	39.0	39.0	39.0	39.0	39.0	39.0
[illegible]	39.5	40.6	41.3	41.6	41.7	41.7	41.7	41.7	41.7	42.0	42.2	42.2	42.5	42.5	42.5	42.5
[illegible]	41.4	41.5	42.2	42.6	42.7	42.7	42.7	42.7	42.7	42.9	43.2	43.2	43.5	43.5	43.5	43.5
[illegible]	43.3	44.4	45.1	45.5	45.7	45.7	45.7	45.7	45.7	45.9	46.2	46.2	46.5	46.5	46.5	46.5
[illegible]	44.3	45.3	46.1	46.4	46.7	46.7	46.7	46.7	46.7	46.9	47.1	47.1	47.5	47.5	47.5	47.5
[illegible]	47.4	48.7	49.4	49.8	50.2	50.4	50.4	50.4	50.4	50.6	50.8	50.8	51.2	51.2	51.5	51.5
[illegible]	50.0	51.6	52.4	52.8	53.2	53.3	53.3	53.3	53.3	53.6	53.9	53.9	54.3	54.3	54.7	54.7
[illegible]	52.2	53.7	54.7	55.0	55.5	55.6	55.6	55.6	55.6	56.0	56.3	56.3	56.7	56.7	57.1	57.1
[illegible]	54.4	56.2	57.4	57.8	58.3	58.4	58.4	58.4	58.4	58.7	59.1	59.1	59.4	59.4	59.8	59.8
[illegible]	55.6	57.7	59.0	59.6	60.0	60.2	60.3	60.6	60.6	61.0	61.4	61.4	61.7	61.7	62.1	62.1
[illegible]	56.5	58.5	59.8	60.4	60.9	61.0	61.1	61.5	61.5	61.8	62.2	62.3	62.7	62.7	63.1	63.1
[illegible]	60.2	62.4	63.9	64.6	65.6	65.7	65.9	66.5	66.5	67.0	67.3	67.6	67.9	67.9	68.3	68.3
[illegible]	64.0	66.6	68.2	68.9	70.2	70.3	70.6	71.2	71.2	71.8	72.4	72.6	73.0	73.0	73.3	73.3
[illegible]	67.3	70.5	72.4	73.2	75.1	75.2	75.5	76.1	76.2	76.7	77.3	77.5	77.9	77.9	78.2	78.2
[illegible]	68.7	71.9	74.2	75.1	77.0	77.2	77.5	78.1	78.2	78.7	79.3	79.5	79.9	79.9	80.3	80.3
[illegible]	69.3	72.6	74.9	76.0	78.1	78.2	78.7	79.3	79.4	79.9	80.5	80.7	81.1	81.1	81.5	81.5
[illegible]	70.1	73.6	75.8	76.9	79.1	79.2	79.8	80.4	80.5	81.1	81.7	81.9	82.3	82.3	82.7	82.7
[illegible]	70.7	74.6	77.2	78.3	80.6	80.7	81.6	82.3	82.5	83.1	83.7	84.0	84.3	84.3	84.7	84.7
[illegible]	71.5	75.6	78.2	79.7	82.4	82.7	83.6	84.4	84.7	85.5	86.2	86.5	86.8	86.8	87.2	87.2
[illegible]	72.2	76.9	79.7	81.2	84.1	84.3	85.6	87.0	87.4	88.8	89.8	90.1	90.6	90.6	90.9	91.3
[illegible]	73.0	78.1	81.0	82.7	85.6	85.9	87.7	89.1	89.6	91.3	92.3	92.6	93.1	93.1	93.5	93.7
[illegible]	73.0	78.2	81.2	82.9	86.5	86.7	88.5	90.0	90.4	92.2	94.0	94.3	95.0	95.1	95.9	96.2
[illegible]	73.1	78.3	81.3	83.0	86.8	87.2	89.0	90.5	91.0	92.9	95.2	95.6	95.5	96.0	98.3	99.2
[illegible]	73.1	78.3	81.3	83.0	86.8	87.2	89.0	90.6	91.0	93.1	95.5	95.7	96.9	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS [illegible]636

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 .12C STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING IN FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0			
	26.3	29.9	30.5	30.5	30.7	30.7	30.8	30.9	30.9	31.1	31.1	31.1	31.2	31.2	31.3	31.3
	27.9	31.5	32.1	32.1	32.4	32.4	32.5	32.6	32.6	32.7	32.7	32.7	32.9	33.0	33.0	33.0
	31.3	33.0	33.6	33.6	33.8	33.8	33.9	34.1	34.1	34.2	34.2	34.2	34.3	34.4	34.4	34.4
	31.4	33.1	33.7	33.7	33.9	33.9	34.1	34.2	34.2	34.3	34.3	34.3	34.4	34.5	34.5	34.5
	31.4	33.1	33.7	33.7	33.9	33.9	34.1	34.2	34.2	34.3	34.3	34.3	34.4	34.5	34.5	34.5
	31.8	33.5	34.1	34.1	34.3	34.3	34.4	34.5	34.5	34.6	34.6	34.6	34.8	34.9	34.9	34.9
	32.9	34.6	35.2	35.2	35.5	35.5	35.6	35.7	35.7	35.8	35.8	35.8	36.0	36.1	36.1	36.1
	34.3	36.1	36.7	36.7	36.9	36.9	37.0	37.2	37.2	37.3	37.3	37.3	37.4	37.5	37.5	37.5
	36.8	38.7	39.4	39.4	39.7	39.7	39.8	39.9	39.9	40.0	40.0	40.0	40.1	40.2	40.2	40.2
	39.4	41.5	42.3	42.4	42.7	42.7	42.8	42.9	42.9	43.0	43.0	43.0	43.1	43.2	43.2	43.2
	41.3	43.4	44.2	44.3	44.6	44.6	44.7	44.8	44.8	44.9	44.9	44.9	45.0	45.2	45.2	45.2
	42.9	44.8	45.6	46.6	46.2	46.2	46.4	46.5	46.5	46.6	46.6	46.6	46.7	46.8	46.8	46.8
	43.7	45.8	46.6	47.0	47.2	47.2	47.3	47.4	47.4	47.6	47.6	47.6	47.7	47.8	47.8	47.8
	44.6	47.8	48.7	49.1	49.3	49.3	49.5	49.6	49.6	49.7	49.8	49.8	50.1	50.2	50.4	50.4
	48.1	50.5	51.6	52.0	52.2	52.2	52.4	52.6	52.6	52.7	52.8	52.8	53.0	53.2	53.4	53.4
	51.3	53.6	54.7	55.1	55.3	55.3	55.6	55.7	55.7	55.8	55.9	55.9	56.2	56.3	56.5	56.5
	54.0	56.8	57.8	58.2	58.4	58.4	58.7	58.8	58.8	58.9	59.1	59.1	59.3	59.4	59.6	59.6
	55.6	58.5	59.9	60.3	60.6	60.6	60.8	61.3	61.3	61.4	61.5	61.5	61.8	61.9	62.1	62.1
	57.0	60.0	61.4	61.9	62.1	62.1	62.4	62.8	62.8	63.0	63.1	63.1	63.3	63.4	63.7	63.7
	61.9	65.5	67.2	67.6	67.7	67.9	68.1	68.7	68.7	68.8	68.9	68.9	69.2	69.3	69.5	69.5
	66.1	70.5	72.3	72.8	73.1	73.4	73.7	74.4	74.6	74.8	74.9	74.9	75.1	75.3	75.5	75.6
	68.7	73.4	75.6	76.2	76.8	77.1	77.4	78.1	78.3	78.9	79.1	79.1	79.3	79.5	79.7	79.8
	70.1	75.4	77.7	78.3	79.1	79.3	79.7	80.4	80.5	81.1	81.4	81.4	81.6	81.7	82.0	82.1
	70.7	76.3	78.5	79.2	80.0	80.3	80.8	81.5	81.6	82.2	82.4	82.4	82.7	82.8	83.0	83.0
	71.1	76.3	79.0	79.7	80.5	80.8	81.2	82.1	82.2	82.9	83.2	83.2	83.4	83.5	83.8	83.9
	71.6	77.2	79.9	80.6	81.7	82.1	82.6	83.5	83.6	84.3	84.6	84.6	85.1	85.2	85.4	85.5
	72.3	79.5	82.2	83.0	84.0	84.3	85.1	86.0	86.0	87.5	88.1	88.1	88.5	88.6	88.9	89.0
	73.7	81.5	84.2	85.4	86.5	87.2	87.8	89.8	90.3	91.3	92.0	92.0	92.6	92.7	93.0	93.1
	74.0	82.0	84.7	85.9	87.2	87.7	88.6	90.7	91.2	92.2	93.2	93.3	94.1	94.3	94.7	94.9
	74.2	82.2	84.9	86.1	87.9	88.4	89.5	91.8	92.2	93.4	94.9	94.9	96.3	96.4	97.0	97.4
	74.2	82.2	84.9	86.1	88.1	88.9	90.2	92.8	93.3	94.5	96.2	96.2	97.7	98.0	98.9	99.3
	74.2	82.2	84.9	86.1	88.1	88.9	90.2	92.8	93.3	94.5	96.3	96.3	97.8	98.1	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 637

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]120 CAPE ROMANZOF AFS AK 73-81 MAY
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

VISIBILITY (STATUTE MILES)

CEILING (HUNDREDS OF FEET)	3	2½	2	1¾	1½	1¼	1	¾	½	¼	0
[illegible]	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
[illegible]	32.7	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
[illegible]	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
[illegible]	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
[illegible]	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0
[illegible]	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.7	35.7
[illegible]	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
[illegible]	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
[illegible]	40.4	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.9	40.9
[illegible]	43.2	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7
[illegible]	45.4	45.6	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.9	45.9
[illegible]	46.3	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5
[illegible]	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
[illegible]	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
[illegible]	53.6	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5
[illegible]	54.8	55.1	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
[illegible]	57.0	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8
[illegible]	59.5	60.2	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8
[illegible]	60.9	61.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2
[illegible]	69.1	69.8	70.0	70.3	70.4	70.6	70.6	70.6	70.8	71.0	71.0
[illegible]	73.7	74.9	75.1	75.6	76.0	76.3	76.3	76.3	76.6	76.7	76.7
[illegible]	76.1	77.3	77.7	78.5	78.9	79.3	79.3	79.3	[illegible]	[illegible]	[illegible]
[illegible]	76.0	79.2	79.6	80.5	81.1	81.6	81.6	81.6	82.3	82.4	82.4
[illegible]	79.2	80.5	81.0	82.0	82.6	83.0	83.3	83.4	84.1	84.2	84.2
[illegible]	79.8	81.1	81.6	82.6	83.3	83.7	84.0	84.2	84.9	85.1	85.1
[illegible]	80.6	82.1	82.6	83.6	84.3	85.2	85.5	85.8	86.7	86.9	86.9
[illegible]	82.9	84.7	85.2	86.3	87.0	88.3	88.9	89.2	90.6	91.2	91.3
[illegible]	84.5	86.1	87.0	88.2	89.0	90.4	91.4	91.9	93.4	94.4	94.5
[illegible]	85.1	86.7	87.7	89.0	89.8	91.3	92.2	92.8	94.4	95.5	95.6
[illegible]	85.5	87.2	88.2	89.6	90.4	92.1	93.1	93.7	95.6	97.1	97.4
[illegible]	85.8	87.7	88.9	90.3	91.2	92.8	93.8	94.4	96.5	98.7	99.2
[illegible]	85.8	87.7	88.9	90.3	91.2	92.8	93.8	94.4	96.5	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible]12[illegible] CAPE ROMANZOF AFS AK 73-81

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]	33.1	33.3	33.3	33.4	33.4	33.4	33.4	33.4	[illegible]	33.4	33.4	33.4	[illegible]	33.4	[illegible]
34.3	34.6	34.7	34.7	34.8	[illegible]	34.8	[illegible]	[illegible]	[illegible]	[illegible]	34.6	34.8	[illegible]	[illegible]	[illegible]
34.9	35.3	35.4	35.5	35.8	[illegible]	35.8	35.8	[illegible]	[illegible]	[illegible]	[illegible]	35.9	35.9	[illegible]	[illegible]
35.2	35.5	35.6	35.6	36.2	[illegible]	36.2	[illegible]	36.2	[illegible]	[illegible]	[illegible]	36.2	[illegible]	36.2	[illegible]
35.3	35.6	35.8	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
35.3	35.6	35.8	35.9	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
36.2	36.6	36.7	37.0	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
37.3	37.7	37.8	38.0	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
40.1	40.4	40.7	40.7	41.1	41.1	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
42.8	43.3	43.5	43.6	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	[illegible]
44.5	45.0	45.3	45.6	45.8	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
45.6	46.1	46.4	46.7	46.9	[illegible]	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
45.8	46.3	46.8	47.0	47.2	47.4	47.7	[illegible]	[illegible]	[illegible]	48.1	48.1	48.1	48.1	48.1	48.1
47.5	48.2	48.7	48.9	49.2	49.3	49.6	49.9	49.9	49.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
50.4	51.2	51.7	51.9	52.2	52.3	52.6	52.9	52.9	52.9	53.0	53.0	53.0	53.0	[illegible]	[illegible]
[illegible]	53.6	54.1	54.3	54.5	54.7	55.0	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
55.6	56.5	56.9	57.2	57.7	57.8	58.1	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5
58.3	59.7	60.4	60.6	61.2	61.4	61.7	[illegible]	[illegible]	62.1	62.1	62.1	62.1	62.1	62.1	62.1
[illegible]	61.7	62.4	62.8	63.3	63.4	63.8	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1
66.6	68.3	69.0	69.4	70.0	[illegible]	70.5	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2
72.8	75.2	77.0	77.4	78.2	78.6	79.2	79.5	79.8	79.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
74.8	77.5	[illegible]	79.8	80.6	81.0	81.7	82.5	82.6	82.7	82.8	82.8	82.8	82.8	82.8	[illegible]
76.1	79.2	81.1	81.6	82.4	[illegible]	83.6	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7
[illegible]	79.7	81.6	82.1	[illegible]	83.3	84.1	[illegible]	84.9	85.0	85.2	85.2	85.2	85.2	85.2	[illegible]
76.9	80.3	82.4	83.3	84.1	[illegible]	85.4	[illegible]	[illegible]	85.5	86.5	86.6	86.6	86.6	86.6	[illegible]
77.3	81.3	83.7	84.7	85.5	[illegible]	87.0	87.6	[illegible]	88.3	88.4	88.4	88.4	88.4	88.4	88.4
78.8	83.9	85.7	87.6	88.8	89.2	90.4	91.3	[illegible]	91.9	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
80.4	86.5	87.6	89.7	91.0	92.1	93.7	94.7	95.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7
81.5	86.6	89.6	91.0	92.5	93.3	95.0	96.1	96.7	96.8	97.2	97.2	97.4	97.4	97.4	97.4
[illegible]	87.0	90.1	91.3	92.7	93.7	95.3	96.5	[illegible]	97.6	98.1	98.1	98.2	[illegible]	[illegible]	[illegible]
[illegible]	87.0	90.1	91.3	92.9	93.9	95.6	96.6	[illegible]	[illegible]	[illegible]	[illegible]	99.4	99.4	99.4	99.4
80.5	87.0	90.1	91.3	92.9	93.9	95.6	96.6	[illegible]	[illegible]	98.8	98.8	99.4	[illegible]	[illegible]	[illegible]

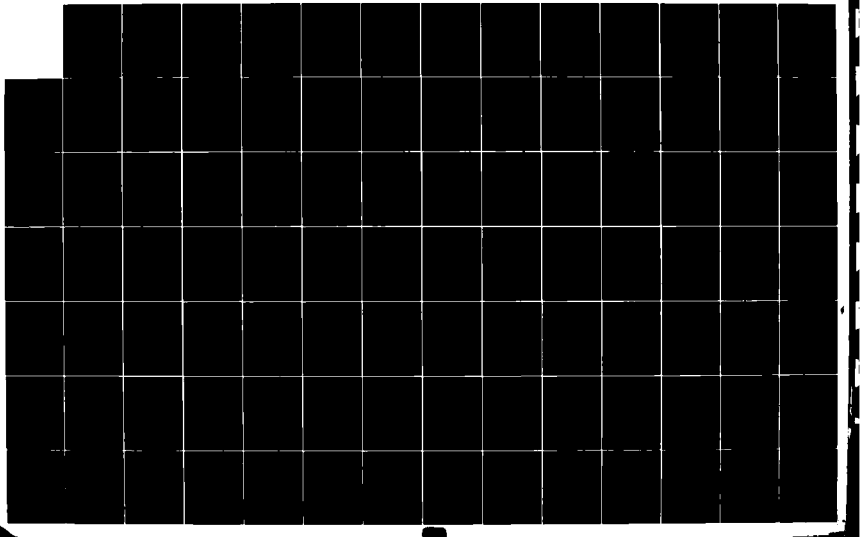
TOTAL NUMBER OF OBSERVATIONS ______

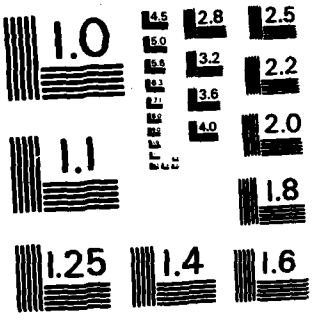
USAF ETAC [illegible] 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A130 206 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 374 F/G 4/2 NL

3/5





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS - LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥5/16	≥¼	≥0
NO CEILING	35.5	36.3	36.4	36.4	36.6	36.6	36.8	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	37.2	38.0	38.1	38.1	38.2	38.2	38.5	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8
≥ 18000	37.9	38.6	38.8	38.9	39.0	39.0	39.3	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5
≥ 16000	38.2	39.0	39.1	39.3	39.4	39.4	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
≥ 14000	38.2	39.0	39.1	39.3	39.4	39.4	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
≥ 12000	38.9	39.7	39.8	39.9	40.1	40.1	40.3	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6
≥ 10000	40.2	41.0	41.1	41.2	41.3	41.5	41.7	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0
≥ 9000	40.8	41.6	41.7	41.9	42.0	42.1	42.4	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
≥ 8000	44.4	45.5	45.6	45.7	45.9	46.0	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5
≥ 7000	45.7	46.8	46.9	47.0	47.2	47.3	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8
≥ 6000	47.2	48.2	48.3	48.4	48.6	48.7	49.0	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2
≥ 5000	48.6	49.6	49.7	49.9	50.0	50.3	50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8
≥ 4500	49.2	50.3	50.4	50.5	50.6	50.9	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4000	51.9	53.1	53.2	53.4	53.6	53.9	54.1	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4
≥ 3500	53.6	54.8	54.9	55.0	55.3	55.6	55.8	55.9	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1
≥ 3000	56.2	57.8	57.9	58.1	58.5	59.0	59.3	59.4	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6
≥ 2500	61.1	61.9	62.0	62.3	62.7	63.2	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7
≥ 2000	62.5	64.5	64.6	65.0	65.4	65.9	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4
≥ 1800	63.6	65.5	65.6	66.0	66.4	66.9	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
≥ 1500	69.4	71.7	72.0	72.4	73.1	73.6	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2
≥ 1200	76.6	79.3	79.6	80.1	80.9	81.4	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1000	78.3	81.7	81.9	82.4	83.2	84.1	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
≥ 900	78.6	81.9	82.2	82.7	83.5	84.5	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
≥ 800	79.3	82.7	83.1	83.6	84.4	85.4	86.3	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6
≥ 700	80.0	83.7	84.1	84.6	85.5	86.6	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 600	80.7	85.1	85.7	86.2	87.1	88.2	89.1	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
≥ 500	81.7	87.2	87.9	88.5	89.8	91.0	91.9	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	83.1	88.9	89.5	90.2	91.7	92.9	93.8	94.6	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	83.3	89.5	90.7	91.3	93.2	94.3	95.2	96.1	96.3	96.6	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	83.5	89.7	90.8	91.5	93.5	94.7	95.6	96.6	96.8	97.3	97.9	97.9	97.9	97.9	98.1	98.2
≥ 100	83.5	89.8	91.1	91.7	93.8	95.0	95.9	97.0	97.2	97.8	98.4	98.4	98.8	98.8	99.1	99.4
≥ 0	83.5	89.8	91.1	91.7	93.8	95.0	95.9	97.0	97.2	97.8	98.6	98.6	99.0	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 774

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2200 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	≥0
UNL	35.3	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.2	36.2
25000	37.0	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	38.0	38.0
18000	38.3	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.3	39.3
14000	38.7	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.7	39.7
10000	39.2	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.2	40.2
9000	39.3	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.3	40.3
8000	40.2	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.3	41.3
7000	42.2	42.8	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.3	43.3
6000	46.2	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.5	47.5
5000	48.7	49.3	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	50.0	50.0
4500	49.5	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.8	50.8
4000	50.8	51.5	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	52.2	52.2
3500	52.0	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	53.3	53.3
3000	54.2	54.8	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.7	55.7
2500	57.3	58.3	58.5	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.3	59.3
2200	59.8	61.0	61.2	61.3	61.3	62.0	62.0	62.2	62.0	62.3	62.3	62.3	62.3	62.3	62.8	62.8
2000	62.0	63.2	63.3	63.5	63.7	64.3	64.3	64.3	64.3	64.7	64.7	64.7	64.7	64.7	65.2	65.2
1800	64.8	66.2	66.3	66.7	67.0	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.5	68.5
1500	66.0	67.3	67.5	67.8	68.2	68.8	68.8	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.7	69.7
1200	70.0	71.7	72.2	72.8	73.5	74.2	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	75.0	75.0
1000	76.0	78.0	79.2	79.8	80.7	81.3	81.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	82.2	82.2
900	77.8	80.3	81.7	82.8	84.3	85.2	85.2	85.2	85.2	85.5	85.5	85.5	85.5	85.5	86.0	86.0
800	78.7	81.2	82.5	83.7	85.5	86.3	86.3	86.3	86.3	86.7	86.7	86.7	86.7	86.7	87.2	87.2
700	79.3	81.8	83.2	84.3	86.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	88.0	88.0
600	79.7	82.2	83.5	84.7	86.8	87.8	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.7	88.7
500	80.8	83.3	84.7	85.8	88.0	89.0	89.0	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.8	89.8
400	82.8	85.8	87.2	88.3	90.8	91.8	92.2	92.2	92.2	92.5	92.5	92.5	92.5	92.5	93.0	93.0
300	84.2	87.7	89.3	90.7	93.3	94.5	95.0	95.3	95.3	95.7	95.8	95.8	95.8	95.8	96.3	96.3
200	84.3	87.8	89.7	91.0	94.7	95.8	96.7	97.0	97.0	97.5	97.7	97.7	97.7	97.7	98.2	98.2
100	84.3	87.8	89.7	91.0	94.7	96.0	96.8	97.2	97.2	97.7	98.2	98.2	98.3	98.3	98.8	98.8
0	84.3	87.8	89.7	91.0	94.7	96.0	96.8	97.2	97.2	97.7	98.5	98.5	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥⅞	≥¾	≥⅝	≥⅝ 16	≥½	≥0
NO CEILING	33.7	34.0	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 20000	35.3	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
≥ 18000	36.8	37.1	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
≥ 16000	36.8	37.1	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
≥ 14000	36.8	37.1	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
≥ 12000	37.0	37.3	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
≥ 10000	37.6	37.9	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	38.5	38.8	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 8000	42.3	42.9	43.2	43.2	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
≥ 7000	45.6	46.2	46.6	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
≥ 6000	47.1	47.7	48.1	48.3	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 5000	49.2	49.8	50.2	50.4	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 4500	49.5	50.1	50.7	50.8	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 4000	52.8	53.7	54.3	54.4	54.9	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 3500	55.9	57.1	57.9	58.0	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 3000	57.3	58.8	59.5	59.7	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 2500	59.7	61.2	62.0	62.1	62.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
≥ 2000	63.3	65.1	66.0	66.2	66.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 1800	64.1	66.0	66.9	67.1	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
≥ 1500	68.4	70.8	72.0	72.3	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 1200	72.3	75.0	76.5	77.0	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1000	74.9	78.3	80.9	81.5	82.7	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 900	76.1	79.5	82.1	82.7	83.9	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 800	77.3	80.8	83.3	83.9	85.1	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 700	77.7	81.5	84.2	84.8	86.3	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 600	78.5	82.6	85.3	85.9	87.4	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 500	79.5	84.2	87.2	88.3	90.1	90.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 400	79.7	85.3	88.3	89.3	91.4	92.3	93.5	93.8	93.8	94.1	94.4	94.4	94.4	94.4	94.6	94.6
≥ 300	79.8	85.4	88.4	89.8	92.2	93.2	94.4	95.0	95.0	95.3	95.9	95.9	95.9	95.9	96.1	96.1
≥ 200	79.8	85.6	88.6	89.9	92.3	93.4	94.6	95.5	95.6	96.1	97.1	97.1	97.1	97.1	97.7	97.9
≥ 100	80.0	85.7	88.7	90.1	92.5	93.5	94.7	95.6	95.8	96.2	97.3	97.3	97.4	97.4	98.0	98.3
≥ 0	80.0	85.7	88.7	90.1	92.5	93.5	94.7	95.6	95.8	96.2	97.3	97.3	97.7	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 665

USAF ETAC FORM 101 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	32.1	32.8	33.0	33.1	33.2	33.2	33.3	33.3	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.5
≥ 20000	33.6	34.2	34.5	34.5	34.7	34.7	34.8	34.8	34.8	34.9	34.9	34.9	34.9	35.0	35.0	35.0
≥ 18000	34.8	35.5	35.8	35.9	36.0	36.0	36.1	36.2	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3
≥ 16000	35.0	35.7	35.9	36.1	36.2	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5
≥ 14000	35.2	35.8	36.1	36.2	36.4	36.4	36.4	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.7	36.7
≥ 12000	35.6	36.3	36.5	36.7	36.8	36.8	36.9	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1
≥ 10000	36.4	37.2	37.4	37.5	37.7	37.8	37.8	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.1	38.1
≥ 9000	37.5	38.3	38.5	38.6	38.8	38.8	38.9	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 8000	40.5	41.5	41.8	41.9	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.5	42.5	42.5	42.5
≥ 7000	43.1	44.1	44.5	44.7	44.9	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.3	45.3	45.4	45.4
≥ 6000	44.5	45.6	46.0	46.2	46.5	46.5	46.5	46.6	46.6	46.7	46.7	46.7	46.8	46.8	46.9	46.9
≥ 5000	46.1	47.2	47.6	47.8	48.1	48.2	48.3	48.4	48.4	48.4	48.5	48.5	48.6	48.6	48.7	48.7
≥ 4500	47.0	48.0	48.5	48.7	49.0	49.1	49.2	49.3	49.3	49.3	49.4	49.4	49.5	49.5	49.5	49.5
≥ 4000	49.5	50.7	51.2	51.4	51.8	51.9	52.0	52.1	52.1	52.2	52.3	52.3	52.4	52.4	52.5	52.5
≥ 3500	52.4	53.8	54.4	54.6	55.1	55.2	55.3	55.4	55.4	55.5	55.6	55.6	55.7	55.7	55.8	55.8
≥ 3000	54.5	56.0	56.7	56.9	57.4	57.6	57.7	57.8	57.8	57.9	58.1	58.1	58.2	58.2	58.3	58.3
≥ 2500	57.1	58.7	59.4	59.7	60.2	60.4	60.5	60.6	60.6	60.7	60.9	60.9	61.0	61.0	61.1	61.1
≥ 2000	59.5	61.4	62.2	62.6	63.2	63.4	63.6	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.2	64.2
≥ 1800	60.6	62.6	63.4	63.8	64.4	64.6	64.8	65.0	65.0	65.1	65.2	65.2	65.3	65.3	65.5	65.5
≥ 1500	65.7	68.1	69.0	69.5	70.2	70.5	70.7	71.0	71.0	71.2	71.3	71.4	71.4	71.5	71.6	71.6
≥ 1200	70.6	73.5	74.8	75.3	76.3	76.6	76.9	77.2	77.3	77.5	77.6	77.7	77.7	77.8	77.9	77.9
≥ 1000	73.0	76.5	78.1	78.7	79.9	80.3	80.7	81.1	81.1	81.4	81.6	81.6	81.7	81.7	81.9	81.9
≥ 900	74.1	77.8	79.5	80.1	81.4	81.9	82.4	82.7	82.8	83.1	83.2	83.3	83.4	83.4	83.5	83.5
≥ 800	74.9	78.7	80.4	81.1	82.5	83.0	83.5	83.9	84.0	84.3	84.5	84.5	84.6	84.6	84.7	84.8
≥ 700	75.5	79.5	81.3	82.1	83.5	84.0	84.6	85.0	85.1	85.5	85.6	85.7	85.8	85.8	85.9	85.9
≥ 600	76.2	80.5	82.4	83.2	84.7	85.3	86.1	86.5	86.6	87.0	87.2	87.3	87.4	87.4	87.5	87.6
≥ 500	77.3	82.4	84.6	85.5	87.3	87.9	88.9	89.5	89.7	90.2	90.5	90.6	90.7	90.7	90.8	90.9
≥ 400	78.4	84.1	86.4	87.5	89.4	90.1	91.2	92.2	92.4	93.2	93.8	93.9	94.1	94.1	94.2	94.3
≥ 300	78.6	84.6	87.0	88.2	90.4	91.2	92.5	93.5	93.7	94.7	95.4	95.4	95.7	95.7	95.9	96.0
≥ 200	78.7	84.8	87.2	88.4	90.9	91.7	93.0	94.2	94.5	95.5	96.7	96.7	97.1	97.2	97.6	97.7
≥ 100	78.8	84.9	87.4	88.6	91.2	92.0	93.4	94.6	94.9	96.1	97.5	97.6	98.2	98.4	99.0	99.2
≥ 0	78.8	84.9	87.4	88.6	91.2	92.0	93.4	94.6	94.9	96.1	97.6	97.6	98.4	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6187

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 7/8	≥2	≥1 7/8	≥1 1/4	≥1	≥7/8	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	18.0	19.0	19.2	19.2	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 20000	18.3	19.2	19.5	19.5	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
≥ 18000	19.0	19.9	20.2	20.2	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 16000	19.2	20.2	20.5	20.5	20.6	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 14000	19.2	20.2	20.5	20.5	20.6	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 12000	19.8	20.8	21.1	21.1	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 10000	20.5	21.5	21.8	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
≥ 9000	21.6	22.6	22.9	22.9	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 8000	23.4	24.4	24.7	24.7	24.8	24.8	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 7000	25.9	26.9	27.2	27.2	27.3	27.3	27.3	27.5	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6
≥ 6000	26.5	27.5	27.8	27.8	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2
≥ 5000	27.2	28.3	29.0	29.0	29.1	29.1	29.1	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4
≥ 4500	27.3	28.5	29.1	29.1	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.6
≥ 4000	29.7	31.0	31.9	31.9	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.4	32.4	32.4	32.4
≥ 3500	32.1	33.3	34.3	34.3	34.4	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.9	34.9	34.9	35.0
≥ 3000	33.8	35.0	36.0	36.0	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.7
≥ 2500	37.8	39.5	40.6	40.6	40.7	40.7	40.7	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.3
≥ 2000	40.0	42.7	43.8	43.8	43.9	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.4	44.4	44.4	44.5
≥ 1800	40.9	43.7	44.8	45.0	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.6	45.6	45.6	45.7
≥ 1500	45.3	48.1	49.4	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.5	50.5	50.5	50.6
≥ 1200	50.1	53.0	54.8	55.2	55.8	55.8	55.8	55.9	55.9	55.9	56.1	56.1	56.6	56.6	56.6	56.8
≥ 1000	52.3	56.2	58.0	58.6	59.7	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.5	60.5	60.5	60.7
≥ 900	54.1	58.0	60.1	60.8	61.9	61.9	61.9	62.1	62.1	62.1	62.2	62.2	62.9	62.9	62.9	63.0
≥ 800	55.0	59.4	61.6	62.5	63.6	63.6	63.6	63.7	63.7	63.7	64.0	64.0	64.9	64.9	64.9	65.0
≥ 700	55.8	60.8	63.0	63.9	65.0	65.0	65.0	65.1	65.1	65.1	65.4	65.4	66.2	66.2	66.2	66.4
≥ 600	58.3	64.2	66.7	67.8	68.9	68.9	68.9	69.0	69.0	69.5	69.7	69.7	70.6	70.6	70.6	70.7
≥ 500	58.9	65.3	68.2	69.5	71.1	71.5	71.8	72.0	72.0	72.5	72.8	72.8	73.9	73.9	74.2	74.3
≥ 400	61.9	70.0	73.4	75.3	77.5	78.1	78.8	79.4	79.5	80.1	80.8	80.8	82.0	82.0	82.3	82.4
≥ 300	62.3	71.1	74.6	76.8	79.8	80.5	81.6	82.1	82.3	82.8	83.8	83.8	85.2	85.2	85.8	85.9
≥ 200	62.6	71.5	75.3	77.8	81.0	81.9	83.3	84.4	84.8	85.5	87.7	87.9	89.5	89.5	90.1	90.4
≥ 100	62.6	72.4	76.3	78.8	82.1	83.1	84.8	86.3	86.9	88.0	90.9	91.1	93.6	93.6	94.6	95.8
≥ 0	62.6	72.4	76.3	78.8	82.1	83.1	84.8	86.3	86.9	88.3	91.4	91.5	94.6	94.6	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 717

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥⅞	≥¾	≥5/8	≥½	≥0
NO CEILING	18.7	19.7	19.7	19.7	19.8	19.8	19.8	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
≥ 20000	19.7	20.7	20.7	20.7	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 18000	20.5	21.5	21.5	21.5	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 16000	20.5	21.5	21.5	21.5	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 14000	20.5	21.5	21.5	21.5	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 12000	20.5	21.5	21.5	21.5	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 10000	21.1	22.2	22.2	22.2	22.3	22.3	22.3	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 9000	22.3	23.4	23.4	23.4	23.5	23.5	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 8000	23.5	24.6	24.6	24.6	24.8	24.8	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
≥ 7000	25.9	27.0	27.0	27.0	27.4	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 6000	26.7	27.8	27.8	27.8	28.2	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 5000	28.2	29.2	29.5	29.5	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 4500	29.1	30.4	30.7	30.7	31.1	31.1	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 4000	30.8	32.4	32.7	32.7	33.1	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
≥ 3500	32.0	33.9	34.1	34.3	34.7	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.3
≥ 3000	35.5	37.3	37.6	37.7	38.1	38.1	38.1	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.9
≥ 2500	39.3	41.8	42.1	42.2	42.6	42.8	42.8	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.7
≥ 2000	41.8	44.8	45.0	45.2	45.6	45.7	45.7	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.6
≥ 1800	42.1	45.2	45.4	45.6	45.9	46.1	46.1	46.3	46.3	46.6	46.6	46.6	46.6	46.6	46.6	47.0
≥ 1500	44.5	47.5	48.3	48.5	49.0	49.1	49.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	50.2
≥ 1200	48.6	52.3	53.3	53.4	53.9	54.1	54.2	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	55.1
≥ 1000	51.8	56.7	57.8	57.9	58.6	58.8	59.0	59.2	59.2	59.5	59.5	59.5	59.6	59.6	59.6	60.0
≥ 900	52.9	58.0	59.2	59.4	60.0	60.3	60.4	60.7	60.7	61.0	61.1	61.1	61.4	61.4	61.4	61.8
≥ 800	53.9	59.4	60.6	60.7	61.4	61.8	62.0	62.3	62.3	62.5	62.7	62.7	63.2	63.2	63.3	63.9
≥ 700	54.7	61.0	62.5	62.9	64.0	64.4	64.8	65.1	65.1	65.3	65.5	65.5	66.0	66.0	66.1	66.7
≥ 600	56.3	63.3	65.1	65.5	66.8	67.2	67.6	67.9	67.9	68.3	68.4	68.4	68.9	68.9	69.1	69.6
≥ 500	56.8	64.9	66.9	67.7	69.9	70.4	71.0	71.3	71.3	71.8	72.0	72.0	72.5	72.5	72.6	73.2
≥ 400	58.7	67.7	71.0	72.1	74.2	75.0	76.0	76.2	76.4	77.0	77.7	77.7	78.4	78.4	78.5	79.2
≥ 300	59.2	69.2	73.0	75.0	77.4	78.4	79.3	79.5	79.7	80.5	81.7	81.7	82.6	82.6	82.7	83.4
≥ 200	59.5	69.9	74.2	76.4	78.8	79.8	81.3	81.7	81.8	83.5	85.4	85.4	87.3	87.3	87.5	88.3
≥ 100	59.9	70.7	75.4	77.6	80.5	81.7	83.7	84.1	84.6	86.7	90.4	90.4	93.5	93.6	94.4	95.8
≥ 0	59.9	70.7	75.4	77.6	80.5	81.7	83.7	84.1	84.6	86.7	91.1	91.1	94.3	94.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 753

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.5	18.3	18.3	18.3	18.4	18.4	18.4	18.5	18.5	18.7	18.8	18.8	18.9	18.9	18.9	18.9
≥ 20000	18.4	19.2	19.2	19.2	19.3	19.3	19.3	19.4	19.4	19.6	19.7	19.7	19.8	19.8	19.8	19.8
≥ 18000	16.7	19.4	19.4	19.4	19.6	19.6	19.6	19.7	19.7	19.8	19.9	19.9	20.1	20.1	20.1	20.1
≥ 16000	18.8	19.6	19.6	19.6	19.7	19.7	19.7	19.8	19.8	19.9	20.1	20.1	20.2	20.2	20.2	20.2
≥ 14000	18.8	19.6	19.6	19.6	19.7	19.7	19.7	19.8	19.8	19.9	20.1	20.1	20.2	20.2	20.2	20.2
≥ 12000	18.9	19.7	19.7	19.7	19.8	19.8	19.8	19.9	19.9	20.1	20.2	20.2	20.3	20.3	20.3	20.3
≥ 10000	19.4	20.3	20.3	20.3	20.5	20.5	20.5	20.6	20.6	20.7	20.8	20.8	21.0	21.0	21.0	21.0
≥ 9000	20.7	21.6	21.6	21.6	21.7	21.7	21.7	21.9	21.9	22.0	22.1	22.1	22.3	22.3	22.3	22.3
≥ 8000	23.7	24.7	24.7	24.7	24.8	24.8	24.8	24.9	24.9	25.1	25.3	25.3	25.4	25.4	25.4	25.4
≥ 7000	26.2	27.2	27.2	27.2	27.4	27.4	27.4	27.5	27.5	27.6	27.9	27.9	28.0	28.0	28.0	28.0
≥ 6000	26.6	27.6	27.6	27.6	27.7	27.7	27.7	27.9	27.9	28.0	28.3	28.3	28.4	28.4	28.4	28.4
≥ 5000	27.9	29.2	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.5	29.8	29.8	30.1	30.1	30.1	30.1
≥ 4500	28.3	29.8	29.8	29.8	29.9	29.9	29.9	30.1	30.1	30.2	30.4	30.4	30.7	30.7	30.7	30.7
≥ 4000	29.9	31.5	31.6	31.6	31.7	31.7	31.7	31.8	31.8	32.0	32.2	32.2	32.5	32.5	32.5	32.5
≥ 3500	31.6	33.1	33.4	33.6	33.9	33.9	33.9	34.0	34.0	34.1	34.4	34.4	34.7	34.7	34.9	35.0
≥ 3000	33.5	35.3	35.5	35.8	36.1	36.1	36.1	36.2	36.2	36.3	36.6	36.6	36.8	36.8	37.1	37.2
≥ 2500	37.7	39.8	40.0	40.3	40.7	40.7	40.7	40.8	40.9	41.0	41.3	41.3	41.6	41.6	41.8	41.9
≥ 2000	40.7	43.0	43.4	43.6	44.0	44.0	44.0	44.1	44.2	44.4	44.6	44.6	45.0	45.0	45.3	45.4
≥ 1800	41.0	43.5	43.9	44.1	44.5	44.5	44.5	44.6	44.8	44.9	45.1	45.1	45.5	45.5	45.8	45.9
≥ 1500	43.4	46.0	46.4	46.7	47.1	47.1	47.1	47.2	47.3	47.4	47.7	47.7	48.1	48.1	48.3	48.5
≥ 1200	48.1	50.8	51.4	51.8	52.4	52.6	52.6	52.7	52.8	52.9	53.3	53.3	53.7	53.7	54.0	54.1
≥ 1000	51.7	54.3	55.0	55.4	56.0	56.1	56.1	56.3	56.4	56.5	57.0	57.0	57.4	57.4	57.7	57.8
≥ 900	52.8	55.8	56.4	56.8	57.4	57.5	57.8	57.9	58.1	58.2	58.7	58.7	59.1	59.1	59.6	60.0
≥ 800	54.0	56.9	57.7	58.2	58.8	59.0	59.3	59.5	59.7	59.8	60.4	60.4	60.7	60.7	61.3	61.6
≥ 700	55.1	58.3	59.1	59.6	60.2	60.4	60.7	60.9	61.1	61.3	61.9	61.9	62.4	62.4	62.9	63.3
≥ 600	57.7	61.1	61.9	62.8	63.4	63.6	64.2	64.3	64.7	64.8	65.5	65.5	66.1	66.1	66.6	67.0
≥ 500	59.2	63.2	64.2	65.1	66.0	66.1	67.1	67.6	68.2	68.7	69.3	69.3	69.9	69.9	70.5	70.8
≥ 400	63.3	68.5	70.1	71.2	72.4	72.6	74.6	75.3	75.8	76.6	78.1	78.1	78.9	78.9	79.4	79.9
≥ 300	65.9	71.6	73.7	75.3	77.1	77.4	79.4	80.4	81.1	81.8	84.1	84.1	85.0	85.0	85.5	86.3
≥ 200	66.0	72.4	74.8	76.7	78.6	78.9	81.1	82.2	83.1	84.3	87.9	87.9	89.0	89.1	89.6	90.5
≥ 100	66.1	73.0	75.8	77.7	80.1	80.7	83.4	84.5	85.4	86.8	91.7	91.7	93.9	94.2	95.0	96.8
≥ 0	66.1	73.0	75.8	77.7	80.1	80.7	83.4	84.5	85.4	86.8	92.1	92.1	94.4	95.1	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JULY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	17.8	18.4	18.8	19.0	19.5	19.5	19.5	19.5	19.5	19.7	20.1	20.1	20.2	20.2	20.2	20.2
≥ 20000	19.2	19.8	20.2	20.4	20.9	20.9	20.9	20.9	20.9	21.1	21.4	21.4	21.6	21.6	21.6	21.6
≥ 18000	19.4	20.1	20.4	20.7	21.2	21.2	21.2	21.2	21.2	21.4	21.8	21.8	22.0	22.0	22.0	22.0
≥ 16000	19.4	20.1	20.4	20.7	21.2	21.2	21.2	21.2	21.2	21.4	21.8	21.8	22.0	22.0	22.0	22.0
≥ 14000	19.4	20.1	20.4	20.7	21.2	21.2	21.2	21.2	21.2	21.4	21.8	21.8	22.0	22.0	22.0	22.0
≥ 12000	19.7	20.3	20.7	20.9	21.4	21.4	21.4	21.4	21.4	21.7	22.1	22.1	22.2	22.2	22.2	22.2
≥ 10000	19.7	20.6	20.9	21.2	21.7	21.7	21.7	21.7	21.7	22.0	22.3	22.3	22.5	22.5	22.5	22.5
≥ 9000	20.1	20.9	21.3	21.6	22.1	22.1	22.1	22.1	22.1	22.3	22.7	22.7	22.8	22.8	22.9	22.8
≥ 8000	22.1	23.0	23.5	23.7	24.2	24.2	24.2	24.2	24.2	24.5	24.9	24.9	25.0	25.0	25.0	25.0
≥ 7000	24.7	25.8	26.3	26.5	27.0	27.3	27.0	27.0	27.0	27.3	27.7	27.7	27.8	27.8	27.8	27.8
≥ 6000	26.0	27.0	27.5	27.8	28.3	28.3	28.3	28.3	28.3	28.6	28.9	28.9	29.1	29.1	29.1	29.1
≥ 5000	26.5	27.5	28.0	28.3	28.8	28.8	28.8	28.8	28.8	29.1	29.4	29.4	29.6	29.6	29.6	29.6
≥ 4500	26.5	27.5	28.0	28.3	28.8	28.8	28.8	28.8	28.8	29.1	29.4	29.4	29.6	29.6	29.6	29.6
≥ 4000	29.6	30.8	31.5	31.7	32.2	32.2	32.2	32.2	32.2	32.5	32.9	32.9	33.0	33.0	33.0	33.0
≥ 3500	31.5	32.9	33.5	33.8	34.3	34.3	34.3	34.3	34.3	34.5	34.9	34.9	35.0	35.0	35.0	35.0
≥ 3000	32.4	34.0	34.6	35.0	35.8	35.8	35.8	35.8	35.8	36.0	36.4	36.4	36.5	36.5	36.5	36.5
≥ 2500	35.7	37.3	37.9	38.3	39.1	39.1	39.1	39.1	39.1	39.3	39.7	39.7	39.8	39.8	39.8	39.8
≥ 2000	37.9	39.8	40.9	41.4	42.1	42.1	42.1	42.1	42.1	42.4	42.8	42.8	42.9	42.9	42.9	42.9
≥ 1800	38.8	40.9	41.9	42.4	43.1	43.1	43.1	43.1	43.1	43.4	43.8	43.8	43.9	43.9	43.9	43.9
≥ 1500	43.0	45.7	46.8	47.5	48.2	48.2	48.5	48.5	48.5	48.7	49.1	49.1	49.2	49.2	49.2	49.2
≥ 1200	49.2	52.7	54.1	54.9	56.1	56.2	56.6	56.6	56.6	57.1	57.5	57.5	57.6	57.6	57.6	57.6
≥ 1000	51.8	56.1	57.5	58.6	59.9	60.0	60.5	60.5	60.5	61.0	61.4	61.4	61.5	61.5	61.5	61.5
≥ 900	52.4	57.2	58.6	59.8	61.0	61.3	61.8	61.9	61.9	62.4	62.8	62.8	62.9	62.9	62.9	63.1
≥ 800	54.1	59.3	60.7	61.8	63.1	63.3	63.8	64.1	64.1	64.6	65.0	65.0	65.1	65.1	65.1	65.2
≥ 700	55.3	60.7	62.1	63.3	64.6	64.8	65.4	65.6	65.7	66.2	66.6	66.6	66.9	66.9	66.9	67.0
≥ 600	57.6	64.1	66.2	67.5	68.9	69.3	69.9	70.2	70.4	70.9	71.3	71.3	71.6	71.6	71.8	72.0
≥ 500	59.9	66.9	69.4	70.8	72.3	72.8	73.9	74.2	74.6	75.1	75.6	75.6	76.0	76.0	76.3	76.4
≥ 400	62.4	69.9	73.6	75.0	76.8	77.4	78.9	79.4	79.8	80.5	81.1	81.1	81.5	81.5	81.7	81.9
≥ 300	64.1	72.8	77.0	78.6	80.3	81.1	83.1	83.8	84.3	85.0	86.4	86.4	86.9	86.9	87.3	87.4
≥ 200	65.1	74.9	79.7	81.6	84.3	85.3	87.3	88.5	89.2	90.4	92.1	92.1	92.8	92.8	93.3	93.4
≥ 100	65.1	75.5	80.5	82.4	85.7	86.7	89.1	91.0	91.8	93.4	96.4	96.4	97.3	97.3	98.1	98.7
≥ 0	65.1	75.5	80.5	82.4	85.7	86.7	89.1	91.0	91.8	93.4	97.0	97.0	97.8	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 788

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	17.5	18.1	18.6	18.6	18.8	18.9	18.9	19.0	19.0	19.0	19.5	19.5	19.5	19.5	19.5	19.5
≥ 20000	18.4	19.3	19.8	19.8	19.9	20.1	20.1	20.2	20.2	20.2	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	19.3	20.2	20.7	20.7	20.8	21.0	21.0	21.1	21.1	21.1	21.6	21.6	21.6	21.6	21.6	21.6
≥ 16000	19.4	20.3	20.8	20.8	21.0	21.1	21.1	21.2	21.2	21.2	21.7	21.7	21.7	21.7	21.7	21.7
≥ 14000	19.5	20.6	21.1	21.1	21.2	21.3	21.3	21.6	21.6	21.6	22.1	22.1	22.1	22.1	22.1	22.1
≥ 12000	20.1	21.1	21.6	21.6	21.7	21.9	21.9	22.3	22.3	22.3	22.8	22.8	22.8	22.8	22.8	22.8
≥ 10000	20.6	21.6	22.1	22.1	22.3	22.5	22.5	22.9	22.9	22.9	23.4	23.4	23.4	23.4	23.4	23.4
≥ 9000	21.2	22.3	22.8	22.8	22.9	23.2	23.2	23.5	23.5	23.5	24.1	24.1	24.1	24.1	24.1	24.1
≥ 8000	22.6	23.8	24.5	24.5	24.6	24.8	24.8	25.2	25.2	25.2	25.7	25.7	25.7	25.7	25.7	25.7
≥ 7000	24.5	25.6	26.3	26.3	26.4	26.6	26.6	27.0	27.0	27.2	27.7	27.7	27.7	27.7	27.7	27.7
≥ 6000	25.2	26.4	27.0	27.0	27.2	27.4	27.4	27.8	27.8	27.9	28.5	28.5	28.5	28.5	28.5	28.5
≥ 5000	25.9	27.2	27.9	28.1	28.5	28.7	28.7	29.1	29.1	29.2	29.8	29.8	29.8	29.8	29.8	29.8
≥ 4500	27.0	28.5	29.2	29.4	29.8	30.0	30.0	30.4	30.4	30.5	31.0	31.0	31.0	31.0	31.0	31.0
≥ 4000	29.0	30.4	31.2	31.3	31.7	32.0	32.0	32.3	32.3	32.5	33.0	33.0	33.0	33.0	33.0	33.0
≥ 3500	30.9	32.5	33.5	33.6	34.2	34.5	34.5	34.9	34.9	35.1	35.6	35.6	35.6	35.6	35.6	35.6
≥ 3000	31.6	33.1	34.2	34.4	34.9	35.3	35.3	35.7	35.7	35.8	36.4	36.4	36.4	36.4	36.4	36.4
≥ 2500	36.5	38.4	39.5	39.7	40.4	40.8	40.8	41.1	41.1	41.3	41.8	41.8	41.8	41.8	41.8	41.8
≥ 2000	39.3	41.3	42.3	42.6	43.2	43.6	43.6	44.0	44.0	44.1	44.6	44.6	44.6	44.6	44.6	44.6
≥ 1800	40.9	43.1	44.2	44.5	45.1	45.5	45.5	46.1	46.1	46.2	46.7	46.7	46.7	46.7	46.7	46.7
≥ 1500	47.9	50.3	51.5	51.9	52.7	53.0	53.2	53.8	53.8	53.9	54.5	54.5	54.5	54.5	54.5	54.5
≥ 1200	53.4	56.8	58.0	58.5	59.5	60.4	60.7	61.4	61.4	61.6	62.1	62.1	62.1	62.1	62.1	62.1
≥ 1000	55.6	59.1	60.5	61.3	62.7	63.6	63.9	64.8	64.8	64.9	65.5	65.5	65.5	65.5	65.5	65.5
≥ 900	58.3	62.1	63.5	64.3	65.7	66.9	67.1	68.0	68.0	68.2	68.7	68.7	68.7	68.7	68.7	68.7
≥ 800	59.0	62.7	64.2	64.9	66.4	67.5	67.8	68.7	68.8	69.0	69.6	69.6	69.6	69.6	69.6	69.6
≥ 700	60.2	64.2	65.7	66.5	67.9	69.1	69.5	70.4	70.5	70.6	71.3	71.3	71.3	71.3	71.3	71.3
≥ 600	60.9	66.0	67.8	68.6	70.0	71.2	71.5	72.6	72.7	72.8	73.5	73.5	73.5	73.5	73.7	73.7
≥ 500	64.0	69.5	71.3	72.1	73.5	74.8	75.8	76.8	77.0	77.2	78.0	78.0	78.0	78.0	78.3	78.4
≥ 400	67.1	73.9	76.6	77.6	79.6	81.1	82.5	84.0	84.2	84.5	85.6	85.6	85.6	85.6	85.9	86.0
≥ 300	70.1	78.8	82.0	83.3	85.3	86.8	88.2	89.7	90.2	90.4	91.6	91.6	91.6	91.6	92.0	92.1
≥ 200	71.2	80.5	84.0	85.5	88.4	89.9	91.3	93.0	93.5	94.0	95.3	95.3	95.3	95.3	95.7	95.9
≥ 100	71.2	80.6	84.2	86.2	89.1	90.8	92.5	95.0	95.7	96.8	98.3	98.3	98.6	98.6	99.0	99.5
[illegible]	71.2	80.6	84.2	86.2	89.1	90.8	92.5	95.0	95.7	96.8	98.4	98.4	98.8	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 773

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72212C (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	17.9	19.1	19.1	19.1	19.1	19.4	19.4	19.4	19.4	19.7	19.9	19.9	19.9	19.9	19.9	19.9
≥ 20000	18.8	19.9	19.9	19.9	19.9	20.2	20.2	20.2	20.2	20.5	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	19.2	20.4	20.4	20.4	20.4	20.7	20.7	20.7	20.7	21.0	21.2	21.2	21.2	21.2	21.2	21.2
≥ 16000	19.4	20.5	20.5	20.5	20.5	20.8	20.8	20.8	20.8	21.2	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	19.4	20.7	20.7	20.7	20.7	21.0	21.0	21.0	21.0	21.3	21.5	21.5	21.5	21.5	21.5	21.5
≥ 12000	19.6	20.8	20.8	20.8	20.8	21.2	21.2	21.2	21.2	21.5	21.6	21.6	21.6	21.6	21.6	21.6
≥ 10000	20.0	21.5	21.5	21.5	21.5	21.8	21.8	21.8	21.8	22.1	22.3	22.3	22.3	22.3	22.3	22.3
≥ 9000	20.7	22.1	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.8	22.9	22.9	22.9	22.9	22.9	22.9
≥ 8000	22.3	23.7	24.0	24.0	24.0	24.4	24.4	24.4	24.4	24.7	24.8	24.8	24.8	24.8	24.8	24.8
≥ 7000	25.0	26.4	26.8	26.8	26.9	27.2	27.2	27.2	27.2	27.6	27.7	27.7	27.7	27.7	27.7	27.7
≥ 6000	25.8	27.2	27.6	27.6	27.7	28.0	28.0	28.0	28.0	28.4	28.5	28.5	28.5	28.5	28.5	28.5
≥ 5000	26.3	27.7	28.2	28.0	28.2	28.5	28.5	28.5	28.5	28.8	29.0	29.0	29.0	29.0	29.0	29.0
≥ 4500	27.4	28.8	29.2	29.2	29.3	29.6	29.6	29.6	29.6	30.0	30.1	30.1	30.1	30.1	30.1	30.1
≥ 4000	29.3	30.8	31.1	31.1	31.3	31.6	31.6	31.6	31.6	31.9	32.1	32.1	32.1	32.1	32.1	32.1
≥ 3500	31.7	33.3	33.7	33.7	34.1	34.5	34.5	34.5	34.5	34.8	34.9	34.9	34.9	34.9	34.9	34.9
≥ 3000	32.4	34.0	34.3	34.3	34.8	35.1	35.1	35.1	35.1	35.4	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2500	36.2	38.0	38.3	38.3	38.8	39.3	39.4	39.4	39.4	39.7	39.9	39.9	39.9	39.9	39.9	39.9
≥ 2000	40.2	42.0	42.3	42.3	42.8	43.3	43.4	43.4	43.4	43.8	43.9	43.9	43.9	43.9	43.9	43.9
≥ 1800	41.2	43.1	43.4	43.6	44.1	44.6	44.7	44.7	44.7	45.0	45.2	45.2	45.2	45.2	45.2	45.2
≥ 1500	46.8	49.0	49.4	49.5	50.2	50.6	50.8	50.8	50.8	51.1	51.3	51.3	51.3	51.3	51.3	51.4
≥ 1200	53.4	56.1	56.9	57.1	58.0	58.5	58.7	58.8	58.8	59.1	59.3	59.3	59.3	59.3	59.3	59.5
≥ 1000	55.6	58.7	59.8	60.3	61.2	62.0	62.2	62.3	62.3	63.1	63.3	63.3	63.3	63.3	63.3	63.5
≥ 900	58.5	61.7	63.0	63.5	64.6	65.5	65.7	65.9	65.9	66.8	67.1	67.1	67.1	67.1	67.1	67.3
≥ 800	59.0	62.5	63.9	64.4	65.5	66.5	66.7	67.0	67.0	68.1	68.4	68.4	68.6	68.6	68.6	68.8
≥ 700	60.4	64.1	65.5	66.0	67.1	68.1	68.3	68.6	68.6	69.7	70.0	70.0	70.2	70.2	70.2	70.4
≥ 600	62.3	66.8	68.3	68.8	70.2	71.2	71.6	72.0	72.0	73.2	73.6	73.6	73.7	73.7	73.7	73.9
≥ 500	65.1	70.8	72.4	72.9	74.5	75.5	76.0	76.3	76.3	78.0	78.4	78.4	78.5	78.5	78.5	78.7
≥ 400	67.8	75.6	77.4	78.2	80.0	81.1	81.7	82.1	82.2	84.1	84.9	84.9	85.1	85.1	85.1	85.3
≥ 300	69.2	79.2	81.6	82.5	84.9	86.1	87.0	87.5	88.0	89.9	90.9	90.9	91.0	91.0	91.0	91.2
≥ 200	70.4	81.4	84.3	85.3	87.8	88.9	89.9	90.7	91.2	93.4	94.7	94.7	94.9	94.9	95.2	95.4
≥ 100	70.4	81.6	84.9	85.9	89.7	90.9	92.1	93.1	93.8	96.5	98.9	98.9	99.2	99.2	99.7	99.8
≥ 0	70.4	81.6	84.9	85.9	89.7	90.9	92.1	93.1	93.8	96.5	98.9	98.9	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 624

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-74,76-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2100 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	13.5	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 25000	15.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
≥ 18000	15.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 17000	15.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 14000	16.2	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 12000	16.2	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 10000	16.2	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 9000	17.3	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 8000	19.0	20.0	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
≥ 7000	21.6	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5
≥ 6000	21.6	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.5	23.5	23.5	23.5	23.5	23.5
≥ 5000	22.3	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2
≥ 4500	23.0	24.5	24.7	24.7	24.7	24.7	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	24.5	25.9	26.1	26.1	26.1	26.1	26.4	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.6
≥ 3500	29.2	30.6	30.9	30.9	30.9	30.9	31.1	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4
≥ 3000	30.6	32.1	32.3	32.3	32.3	32.3	32.5	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8
≥ 2500	32.8	34.4	34.7	34.7	34.7	34.7	34.9	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.4
≥ 2000	35.6	37.3	37.8	37.8	38.0	38.0	38.2	38.5	38.5	38.7	38.7	38.7	38.7	38.7	38.7
≥ 1800	37.3	39.2	39.7	39.7	39.9	39.9	40.1	40.4	40.4	40.6	40.6	40.6	40.6	40.5	40.6
≥ 1500	40.9	42.8	43.5	43.5	43.7	43.7	43.9	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1200	46.3	48.9	49.9	50.1	50.6	50.6	51.1	51.3	51.8	52.5	52.5	52.5	52.5	52.7	52.7
≥ 1000	49.4	53.0	53.9	54.2	55.3	55.6	56.1	56.3	56.8	57.7	57.7	57.7	57.7	58.0	58.0
≥ 900	50.6	54.2	55.1	55.3	56.5	56.8	57.2	57.5	58.0	58.9	58.9	58.9	58.9	59.1	59.1
≥ 800	51.3	55.1	56.1	56.3	57.5	57.7	58.2	58.4	58.9	59.9	59.9	59.9	59.9	60.1	60.1
≥ 700	52.7	57.2	58.4	59.1	60.3	60.6	61.0	61.3	61.8	62.7	62.7	62.7	62.7	62.9	62.9
≥ 600	55.8	61.0	62.2	62.9	64.1	64.8	65.3	65.6	66.0	67.0	67.0	67.0	67.0	67.2	67.2
≥ 500	59.4	64.1	65.3	66.5	67.9	68.6	69.1	69.4	69.8	71.5	71.5	71.5	71.5	71.7	71.7
≥ 400	61.3	69.6	71.3	73.2	74.8	75.5	76.0	76.2	76.7	78.4	79.1	79.1	79.1	79.3	79.3
≥ 300	63.2	74.3	76.7	79.3	81.7	82.7	83.1	83.4	83.8	85.5	86.2	86.2	86.2	86.5	86.5
≥ 200	63.7	74.8	77.7	81.0	84.3	85.7	87.2	87.6	88.4	90.3	92.2	92.2	92.2	92.4	92.4	93.1
< 200	63.7	74.8	77.7	81.0	84.8	86.2	88.1	88.8	89.5	91.7	96.0	96.2	96.4	96.7	96.9	97.6
	63.7	74.8	77.7	81.0	84.8	86.2	88.1	88.8	89.5	91.7	96.4	96.7	97.4	98.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 421

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	16.1	16.4	16.6	17.2	17.2	17.2	17.2	17.5	17.5	17.5	17.7	17.7	17.9	17.9	18.1	18.1
≥ 20000	18.6	19.0	19.2	19.7	19.7	19.7	19.7	20.1	20.1	20.1	20.3	20.3	20.4	20.4	20.6	20.6
≥ 18000	19.0	19.3	19.5	20.1	20.1	20.1	20.1	20.4	20.4	20.4	20.6	20.6	20.8	20.8	21.0	21.0
≥ 14000	19.7	20.1	20.3	20.8	20.8	20.8	20.8	21.2	21.2	21.2	21.4	21.4	21.5	21.5	21.7	21.7
≥ 12000	19.7	20.1	20.3	20.8	20.8	20.8	20.8	21.2	21.2	21.2	21.4	21.4	21.5	21.5	21.7	21.7
≥ 11000	19.9	20.3	20.4	21.0	21.0	21.0	21.0	21.4	21.4	21.4	21.5	21.5	21.7	21.7	21.9	21.9
≥ 10000	20.6	21.0	21.2	21.7	21.7	21.7	21.7	22.1	22.1	22.1	22.3	22.3	22.4	22.4	22.6	22.6
≥ 9000	21.2	21.5	21.7	22.3	22.3	22.3	22.3	22.6	22.6	22.6	22.8	22.8	23.0	23.0	23.2	23.2
≥ 8000	23.7	24.3	24.6	25.2	25.2	25.2	25.2	25.5	25.5	25.5	25.7	25.7	25.9	25.9	26.1	26.1
≥ 7000	26.3	26.8	27.2	27.7	27.7	27.7	27.7	28.1	28.1	28.1	28.3	28.3	28.6	28.6	28.8	28.8
≥ 6000	26.8	27.4	27.7	28.3	28.3	28.3	28.3	28.6	28.6	28.6	28.8	28.8	29.2	29.2	29.4	29.4
≥ 5000	27.4	27.9	28.3	29.0	29.2	29.2	29.2	29.6	29.6	29.6	29.7	29.7	30.1	30.1	30.3	30.3
≥ 4500	27.9	28.5	28.8	29.6	29.7	29.7	29.7	30.1	30.1	30.1	30.3	30.3	30.7	30.7	30.8	30.8
≥ 4000	29.9	30.5	30.8	31.6	31.8	31.8	31.8	32.1	32.1	32.1	32.3	32.3	32.7	32.7	32.8	32.8
≥ 3500	32.3	32.8	33.2	33.9	34.3	34.3	34.3	34.7	34.7	34.7	34.9	34.9	35.2	35.2	35.4	35.4
≥ 3000	33.6	34.1	34.5	35.2	35.6	35.6	35.6	35.9	35.9	35.9	36.1	36.1	36.5	36.5	36.7	36.7
≥ 2700	36.7	37.4	37.8	38.5	38.9	38.9	38.9	39.2	39.2	39.2	39.4	39.4	39.8	39.8	40.0	40.0
≥ 2500	39.1	39.8	40.1	41.2	41.6	41.6	41.6	42.0	42.0	42.0	42.2	42.2	42.5	42.5	42.7	42.7
≥ 2200	39.6	40.3	40.7	41.8	42.2	42.2	42.2	42.5	42.5	42.5	42.7	42.7	43.1	43.1	43.2	43.2
≥ 2000	43.6	44.7	45.1	46.2	46.5	46.5	46.5	46.9	46.9	46.9	47.1	47.1	47.4	47.4	47.6	47.6
≥ 1800	47.4	49.1	50.0	51.3	51.6	51.6	51.6	52.2	52.4	52.4	52.6	52.6	52.9	52.9	53.1	53.1
≥ 1500	49.5	52.6	53.8	55.3	56.2	56.4	56.8	57.3	57.7	57.8	58.2	58.2	58.6	58.6	58.8	58.8
≥ 1400	50.5	53.8	55.1	56.8	57.8	58.0	58.6	59.1	59.7	59.9	60.6	60.6	60.9	60.9	61.1	61.1
≥ 1200	51.1	54.9	56.2	57.8	59.1	59.3	59.9	60.4	60.9	61.1	61.9	61.9	62.2	62.2	62.4	62.4
≥ 1000	51.5	56.8	58.0	59.7	60.9	61.3	61.9	62.4	63.0	63.3	64.1	64.1	64.4	64.4	64.6	64.6
≥ 900	53.8	59.7	61.1	63.0	64.4	64.8	65.3	65.9	66.6	67.0	67.9	67.9	68.2	68.2	68.4	68.4
≥ 800	55.1	61.7	63.3	65.1	66.6	67.0	67.7	68.2	69.0	69.7	71.0	71.0	71.4	71.4	71.9	71.9
≥ 700	58.2	67.5	70.1	72.4	74.1	74.6	75.7	76.5	77.2	78.3	79.7	79.7	80.1	80.1	80.7	80.7
≥ 600	58.8	68.8	71.9	74.6	76.8	77.4	78.6	79.6	80.3	81.4	83.6	83.6	83.9	83.9	84.5	84.5
≥ 500	59.1	69.5	72.6	75.5	78.5	79.0	80.7	82.1	83.0	84.5	88.1	88.1	89.9	89.1	89.6	89.8
≥ 400	59.3	69.7	72.8	75.7	79.0	79.7	81.8	83.4	84.7	86.9	92.2	92.2	93.8	94.2	95.6	96.7
< 400	59.3	69.7	72.8	75.7	79.0	79.7	81.8	83.4	84.7	87.2	92.9	92.9	94.9	95.3	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 540

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2120 CAPE ROMANZOF AFS AK 73-81 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	0
[illegible]	17.4	18.2	18.4	18.5	18.6	18.7	18.7	18.8	18.8	18.9	19.1	19.1	19.1	19.1	19.1	19.1
[illegible]	18.5	19.3	19.5	19.6	19.8	19.8	19.8	20.0	20.0	20.0	20.2	20.2	20.3	20.3	20.3	20.3
2 [illegible]	19.0	19.9	20.1	20.2	20.3	20.4	20.4	20.5	20.5	20.6	20.8	20.8	20.8	20.8	20.9	20.9
3 [illegible]	19.2	20.1	20.3	20.3	20.5	20.6	20.6	20.7	20.7	20.8	21.0	21.0	21.0	21.0	21.0	21.0
2 [illegible]	19.2	20.1	20.3	20.4	20.6	20.6	20.6	20.8	20.8	20.9	21.1	21.1	21.1	21.1	21.1	21.1
2 [illegible]	19.5	20.4	20.6	20.7	20.8	20.9	20.9	21.0	21.0	21.1	21.3	21.3	21.4	21.4	21.4	21.4
2 [illegible]	19.9	20.9	21.1	21.2	21.3	21.4	21.4	21.6	21.6	21.7	21.9	21.9	21.9	21.9	21.9	21.9
3 [illegible]	21.8	21.8	22.0	22.1	22.2	22.3	22.3	22.5	22.5	22.5	22.7	22.7	22.8	22.8	22.8	22.8
2 [illegible]	22.7	23.7	24.0	24.1	24.3	24.4	24.4	24.5	24.5	24.6	24.8	24.8	24.9	24.9	24.9	24.9
3 [illegible]	25.2	26.2	26.5	26.6	26.8	26.9	26.9	27.1	27.1	27.2	27.4	27.4	27.5	27.5	27.5	27.5
2 [illegible]	25.9	26.9	27.2	27.3	27.5	27.6	27.6	27.8	27.8	27.9	28.1	28.1	28.2	28.2	28.2	28.2
3 [illegible]	26.7	27.8	28.2	28.4	28.6	28.7	28.7	28.9	28.9	29.0	29.2	29.2	29.3	29.3	29.3	29.3
2 [illegible]	27.3	28.5	28.9	29.1	29.3	29.4	29.4	29.6	29.6	29.7	29.9	29.9	30.0	30.0	30.0	30.0
4 [illegible]	29.3	30.7	31.2	31.3	31.5	31.6	31.6	31.8	31.8	31.9	32.1	32.1	32.2	32.2	32.3	32.3
2 [illegible]	31.5	32.9	33.5	33.6	34.0	34.1	34.1	34.3	34.3	34.4	34.6	34.6	34.7	34.7	34.8	34.9
3 [illegible]	33.0	34.5	35.1	35.3	35.7	35.8	35.8	35.9	35.9	36.1	36.3	36.3	36.4	36.4	36.5	36.6
2 [illegible]	36.8	38.6	39.2	39.4	39.8	39.9	40.0	40.2	40.2	40.3	40.5	40.5	40.7	40.7	40.7	40.8
2 [illegible]	39.5	41.6	42.2	42.5	43.0	43.1	43.1	43.3	43.3	43.5	43.7	43.7	43.9	43.9	43.9	44.0
[illegible]	40.4	42.6	43.3	43.6	44.0	44.2	44.2	44.4	44.4	44.6	44.8	44.8	45.0	45.0	45.0	45.1
[illegible]	44.6	47.0	47.8	48.2	48.7	48.9	49.0	49.2	49.2	49.4	49.6	49.6	49.7	49.7	49.8	49.9
[illegible]	49.8	52.7	53.8	54.3	55.0	55.3	55.5	55.7	55.8	56.0	56.3	56.3	56.5	56.5	56.5	56.7
[illegible]	52.4	56.1	57.3	57.9	59.0	59.3	59.5	59.8	59.9	60.2	60.5	60.5	60.7	60.7	60.8	60.9
[illegible]	54.0	57.9	59.2	59.8	60.9	61.3	61.6	61.9	62.0	62.4	62.7	62.7	62.9	63.0	63.1	63.2
[illegible]	54.9	59.1	60.4	61.1	62.2	62.6	62.9	63.3	63.4	63.8	64.2	64.2	64.5	64.5	64.7	64.8
2 [illegible]	56.0	60.6	62.1	62.9	64.0	64.4	64.8	65.1	65.3	65.7	66.1	66.1	66.5	66.5	66.6	66.8
2 [illegible]	58.0	63.5	65.1	66.1	67.3	67.8	68.2	68.6	68.8	69.3	69.7	69.7	70.1	70.1	70.3	70.5
[illegible]	59.8	65.9	67.8	68.9	70.4	71.0	71.8	72.2	72.5	73.2	73.7	73.7	74.1	74.1	74.4	74.6
2 [illegible]	62.7	70.4	73.0	74.4	76.2	77.0	78.2	78.8	79.1	80.0	80.9	80.9	81.4	81.4	81.7	81.9
[illegible]	64.3	73.2	76.4	78.2	80.4	81.2	82.6	83.3	83.7	84.6	86.0	86.0	86.6	86.6	87.0	87.2
2 [illegible]	64.9	74.4	77.9	80.0	82.7	83.6	85.2	86.3	86.9	88.2	90.3	90.4	91.2	91.3	91.7	92.1
[illegible]	65.0	74.8	78.6	80.7	83.9	85.0	87.0	88.3	89.1	90.8	94.3	94.3	95.8	95.9	96.6	97.6
	65.0	74.8	78.6	80.7	83.9	85.0	87.0	88.3	89.1	90.9	94.7	94.7	96.4	96.7	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5426

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	19.5	20.1	20.4	20.4	20.6	20.6	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1
≥ 20000	20.0	20.6	20.9	20.9	21.1	21.1	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.7	21.7
≥ 18000	20.4	21.0	21.3	21.3	21.5	21.5	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.1	22.1
≥ 6000	20.9	21.4	21.7	21.7	21.9	21.9	22.0	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4
≥ 4000	21.0	21.7	21.9	21.9	22.2	22.2	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.7	22.7
≥ 2000	21.0	21.7	21.9	21.9	22.2	22.2	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.7	22.7
≥ 10000	21.7	22.3	22.5	22.5	22.8	22.8	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3
≥ 9000	22.4	23.1	23.3	23.3	23.6	23.6	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.1	24.1
≥ 8000	23.7	24.3	24.6	24.6	24.8	24.8	25.1	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.6	25.6
≥ 7000	26.0	26.6	26.9	26.9	27.1	27.3	27.5	27.8	27.8	27.8	27.8	27.8	28.0	28.0	28.2	28.2
≥ 6000	26.5	27.1	27.4	27.4	27.6	27.8	28.0	28.3	28.3	28.3	28.3	28.3	28.5	28.5	28.7	28.7
≥ 5000	27.4	28.2	28.4	28.4	28.7	28.8	29.0	29.3	29.3	29.3	29.3	29.3	29.6	29.6	29.7	29.7
≥ 4500	28.0	28.9	29.2	29.2	29.4	29.6	29.8	30.1	30.1	30.1	30.1	30.1	30.3	30.3	30.4	30.4
≥ 4000	31.3	32.2	32.5	32.5	32.7	32.9	33.1	33.4	33.4	33.4	33.4	33.4	33.6	33.6	33.8	33.8
≥ 3500	33.8	35.9	36.3	36.4	36.7	36.8	37.1	37.3	37.3	37.3	37.3	37.3	37.6	37.6	37.7	37.7
≥ 3000	35.9	38.1	38.7	38.9	39.1	39.2	39.5	39.7	39.7	39.7	39.7	39.7	40.0	40.0	40.1	40.1
≥ 2500	37.8	40.4	41.1	41.3	41.5	41.7	41.9	42.2	42.2	42.2	42.2	42.2	42.4	42.4	42.5	42.5
≥ 2000	39.9	43.1	43.9	44.2	44.6	44.7	45.0	45.2	45.2	45.2	45.2	45.2	45.5	45.5	45.6	45.6
≥ 1800	40.3	43.6	44.5	44.8	45.2	45.4	45.6	45.9	45.9	45.9	45.9	45.9	46.1	46.1	46.2	46.2
≥ 1500	43.1	46.9	47.8	48.3	48.7	48.8	49.2	49.4	49.4	49.4	49.4	49.4	49.7	49.7	49.8	49.8
≥ 1200	49.4	53.6	54.9	55.5	56.3	56.6	56.9	57.2	57.2	57.2	57.2	57.2	57.5	57.5	57.6	57.6
≥ 1000	53.1	57.8	59.2	60.0	61.0	61.4	61.8	62.0	62.0	62.0	62.0	62.0	62.3	62.3	62.4	62.4
≥ 900	54.1	59.5	61.1	62.2	63.2	63.6	63.9	64.2	64.2	64.2	64.2	64.2	64.5	64.5	64.6	64.6
≥ 800	55.9	61.8	63.4	64.5	65.6	66.0	66.4	66.6	66.6	66.6	66.6	66.6	66.9	66.9	67.0	67.0
≥ 700	56.9	62.9	64.6	65.7	66.9	67.3	67.6	67.9	67.9	68.0	68.0	68.0	68.3	68.3	68.4	68.4
≥ 600	60.4	67.3	69.2	70.3	71.7	72.1	72.5	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.2	73.2
≥ 500	61.5	69.2	71.2	72.9	74.6	75.2	75.8	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.6	76.6
≥ 400	63.1	71.3	73.8	76.2	78.3	78.9	79.5	79.9	80.0	80.4	80.8	80.8	81.0	81.0	81.1	81.1
≥ 300	63.8	72.4	75.0	77.8	81.0	81.8	82.7	83.4	83.6	84.5	85.7	85.7	86.0	86.0	86.1	86.1
≥ 200	64.1	73.4	76.3	79.4	82.8	83.8	84.8	85.7	85.9	87.1	90.2	90.2	90.8	90.8	91.3	91.6
≥ 100	64.5	73.9	76.8	80.1	83.9	85.0	86.1	87.9	88.0	89.6	93.6	93.9	95.0	95.0	95.9	97.1
0	64.5	73.9	76.8	80.1	83.9	85.0	86.1	87.9	88.0	89.6	93.9	94.3	95.4	95.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 785

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70212C (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	<¼
NO CEILING	18.4	19.4	19.4	19.4	19.7	19.7	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.1	20.1
≥ 20000	19.2	20.2	20.2	20.2	20.7	20.7	20.7	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.1
≥ 18000	19.9	20.8	20.8	20.8	21.3	21.3	21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7
≥ 9000	19.9	20.8	20.8	20.8	21.3	21.3	21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7
≥ 14000	19.9	20.8	20.8	20.8	21.3	21.3	21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7
≥ 12000	19.9	20.8	20.8	20.8	21.3	21.3	21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7
≥ 10000	20.3	21.3	21.3	21.3	21.8	21.8	21.8	22.0	22.0	22.0	22.0	22.0	22.2	22.3	22.3	22.3
≥ 9000	20.7	21.7	21.7	21.7	22.2	22.2	22.2	22.4	22.4	22.4	22.4	22.4	22.5	22.7	22.7	22.7
≥ 8000	22.4	23.4	23.4	23.4	23.9	23.9	23.9	24.1	24.1	24.1	24.1	24.1	24.2	24.4	24.4	24.4
≥ 7000	25.8	26.8	26.8	26.9	27.4	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.8	27.9	27.9	27.9
≥ 6000	27.2	28.4	28.4	28.5	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.4	29.5	29.5	29.5
≥ 5000	28.1	29.5	29.5	29.6	30.1	30.1	30.1	30.3	30.3	30.3	30.3	30.3	30.5	30.6	30.6	30.6
≥ 4500	28.4	29.7	29.7	29.8	30.3	30.3	30.3	30.6	30.6	30.6	30.6	30.6	30.7	30.8	30.8	30.8
≥ 4000	30.7	32.0	32.0	32.2	32.6	32.6	32.6	32.9	32.9	32.9	32.9	32.9	33.0	33.1	33.1	33.1
≥ 3500	32.9	34.6	34.7	35.0	35.4	35.4	35.4	35.7	35.7	35.7	35.7	35.7	35.8	35.9	35.9	35.9
≥ 3000	35.0	37.0	37.1	37.4	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.2	38.4	38.4	38.4
≥ 2500	37.1	39.5	39.6	39.8	40.3	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.7	40.8	40.8	40.8
≥ 2000	40.3	43.2	43.5	43.7	44.2	44.2	44.3	44.6	44.6	44.6	44.6	44.6	44.7	44.8	44.8	44.8
≥ 1800	41.4	44.5	44.7	44.9	45.4	45.4	45.6	45.8	45.8	45.8	45.8	45.8	45.9	46.0	46.0	46.0
≥ 1500	43.8	47.9	48.2	48.5	49.1	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.6	49.7	49.7	49.7
≥ 1200	48.4	52.6	53.2	53.6	54.3	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.9	55.1	55.1	55.1
≥ 1000	51.6	56.3	57.1	57.7	59.1	59.1	59.3	59.7	59.7	59.7	59.7	59.7	59.8	59.9	59.9	59.9
≥ 900	53.1	58.2	59.4	60.0	61.5	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.4	62.5	62.5	62.5
≥ 800	54.2	59.6	61.0	61.6	63.2	63.2	63.5	63.9	63.9	63.9	63.9	63.9	64.1	64.2	64.2	64.2
≥ 700	55.1	60.4	62.0	62.9	64.6	64.6	64.8	65.3	65.3	65.3	65.3	65.3	65.4	65.5	65.5	65.5
≥ 600	57.1	63.1	64.7	65.5	67.5	67.5	67.8	68.3	68.3	68.3	68.3	68.3	68.5	68.6	68.6	68.6
≥ 500	57.9	64.3	66.0	67.1	69.2	69.5	70.5	71.0	71.0	71.1	71.1	71.1	71.3	71.4	71.4	71.4
≥ 400	60.0	68.6	70.5	71.9	74.7	75.2	76.1	76.6	76.7	77.0	77.0	77.0	77.2	77.3	77.3	77.3
≥ 300	60.9	70.2	72.4	73.7	77.1	77.6	79.3	79.9	80.4	80.8	81.0	81.0	81.2	81.4	81.7	81.9
≥ 200	61.5	71.3	73.7	75.3	79.5	80.0	82.1	83.4	84.2	85.1	86.8	86.8	87.5	87.6	88.3	88.7
≥ 100	61.5	71.7	74.4	76.4	81.2	81.9	84.2	86.5	87.5	89.0	91.6	91.8	92.8	93.1	94.4	95.6
< 100	61.5	71.7	74.4	76.4	81.2	81.9	84.2	86.5	87.5	89.0	92.1	92.3	93.4	93.9	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEAR) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2000 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	17.9	17.9	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.4	18.5	18.5	18.7	18.7	19.0	19.0
≥ 20000	18.6	18.7	18.9	18.9	18.9	18.9	19.0	19.1	19.1	19.2	19.3	19.3	19.6	19.6	19.8	19.8
≥ 18000	19.1	19.2	19.3	19.3	19.3	19.3	19.5	19.6	19.6	19.7	19.8	19.8	20.1	20.1	20.3	20.3
≥ 6000	19.1	19.2	19.3	19.3	19.3	19.3	19.5	19.6	19.6	19.7	19.8	19.8	20.1	20.1	20.3	20.3
≥ 14000	19.2	19.3	19.5	19.5	19.5	19.5	19.6	19.7	19.7	19.8	20.0	20.0	20.2	20.2	20.4	20.4
≥ 12000	19.3	19.5	19.6	19.6	19.6	19.6	19.7	19.8	19.8	20.0	20.1	20.1	20.3	20.3	20.6	20.6
≥ 10000	19.7	19.8	20.0	20.0	20.0	20.0	20.1	20.2	20.3	20.4	20.6	20.6	20.8	20.8	21.0	21.0
≥ 9000	19.8	20.0	20.1	20.1	20.1	20.1	20.2	20.3	20.4	20.6	20.7	20.7	20.9	20.9	21.2	21.2
≥ 8000	21.8	22.0	22.1	22.1	22.1	22.1	22.3	22.4	22.5	22.6	22.7	22.7	23.0	23.0	23.2	23.2
≥ 7000	24.7	24.9	25.2	25.3	25.3	25.3	25.4	25.5	25.7	25.8	25.9	25.9	26.2	26.2	26.4	26.4
≥ 6000	25.8	26.3	26.5	26.9	26.9	26.9	27.0	27.1	27.3	27.4	27.5	27.5	27.7	27.7	28.0	28.0
≥ 5000	27.4	28.0	28.2	28.6	28.6	28.6	28.7	28.8	29.0	29.1	29.2	29.2	29.4	29.4	29.7	29.7
≥ 4500	27.5	28.1	28.3	28.7	28.7	28.7	28.8	29.0	29.1	29.2	29.3	29.3	29.6	29.6	29.8	29.8
≥ 4000	29.7	30.3	30.5	30.9	30.9	30.9	31.0	31.1	31.3	31.4	31.5	31.5	31.8	31.8	32.0	32.0
≥ 3500	31.6	32.8	33.1	33.5	33.7	33.7	33.8	33.9	34.1	34.2	34.3	34.3	34.5	34.5	34.8	34.8
≥ 3000	32.7	34.1	34.3	34.7	34.9	34.9	35.0	35.2	35.3	35.4	35.5	35.5	35.8	35.8	36.0	36.0
≥ 2500	34.9	36.6	36.9	37.2	37.5	37.5	37.6	37.7	37.8	38.0	38.1	38.1	38.3	38.3	38.6	38.6
≥ 2000	38.8	40.8	41.1	41.5	41.8	41.8	42.0	42.1	42.2	42.3	42.5	42.5	42.7	42.7	42.9	42.9
≥ 1800	39.5	41.6	42.0	42.3	42.7	42.7	42.8	42.9	43.1	43.2	43.3	43.3	43.6	43.6	43.8	43.8
≥ 1500	42.5	45.1	45.6	46.0	46.4	46.4	46.5	46.6	46.7	47.0	47.1	47.1	47.3	47.3	47.6	47.6
≥ 1200	47.4	50.9	51.3	51.7	52.1	52.1	52.2	52.3	52.4	52.8	52.9	52.9	53.2	53.2	53.4	53.4
≥ 1000	50.7	55.2	55.8	56.7	57.4	57.4	57.7	57.8	57.9	58.4	58.5	58.5	58.8	58.8	59.0	59.0
≥ 900	51.3	56.3	57.1	57.9	58.8	58.8	59.0	59.1	59.2	59.7	59.9	59.9	60.1	60.1	60.3	60.3
≥ 800	52.2	57.2	57.9	58.8	59.6	59.6	59.9	60.0	60.1	60.6	60.7	60.7	60.9	60.9	61.2	61.2
≥ 700	52.9	58.2	59.0	59.9	60.7	60.7	60.9	61.1	61.2	61.7	61.8	61.8	62.0	62.0	62.3	62.3
≥ 600	55.2	61.6	62.5	63.5	64.4	64.4	64.6	64.7	64.8	65.3	65.5	65.5	65.7	65.7	65.9	65.9
≥ 500	57.5	65.1	66.3	67.5	68.4	68.5	68.9	69.1	69.2	69.7	69.8	69.8	70.1	70.1	70.3	70.3
≥ 400	60.5	69.6	70.9	72.4	73.6	73.7	74.6	74.8	74.9	75.7	75.8	75.8	76.3	76.3	76.5	76.6
≥ 300	61.6	71.4	73.5	75.1	76.8	77.1	78.6	79.3	79.8	81.3	81.5	81.5	82.1	82.1	82.4	82.5
≥ 200	62.2	73.1	75.8	77.6	79.9	80.3	81.9	83.1	84.1	85.9	86.6	86.6	87.6	87.6	88.3	88.6
≥ 100	62.8	74.1	76.9	78.7	81.0	81.6	83.6	85.2	86.5	89.2	91.0	91.2	93.2	93.6	95.3	96.8
0	62.8	74.1	76.9	78.7	81.0	81.6	83.6	85.2	86.5	89.3	91.2	91.5	93.7	94.2	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 822

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	16.9	17.7	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1
≥ 20000	17.7	18.4	18.6	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	19.0	19.0	19.0	19.0
≥ 18000	17.9	18.6	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2
≥ 16000	17.9	18.6	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2
≥ 14000	18.1	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.4	19.4	19.5	19.5	19.5	19.5
≥ 12000	18.1	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.4	19.4	19.5	19.5	19.5	19.5
≥ 10000	18.6	19.5	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.1	20.1	20.1	20.1
≥ 9000	18.9	19.7	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.3	20.3	20.3	20.3
≥ 8000	20.6	21.7	21.9	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4
≥ 7000	23.0	24.1	24.4	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.8	24.8	25.0	25.0	25.0	25.0
≥ 6000	23.8	25.0	25.2	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.7	25.7	25.8	25.8	25.8	25.8
≥ 5000	25.9	27.2	27.4	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.9	27.9	28.0	28.0	28.0	28.0
≥ 4500	26.3	27.5	27.8	28.0	28.0	28.0	28.1	28.1	28.1	28.3	28.4	28.4	28.5	28.5	28.5	28.5
≥ 4000	27.8	29.1	29.4	29.6	29.6	29.7	29.8	29.8	29.8	30.0	30.1	30.1	30.2	30.2	30.2	30.2
≥ 3500	28.9	30.5	30.7	30.9	30.9	31.1	31.2	31.2	31.2	31.3	31.4	31.4	31.5	31.5	31.5	31.5
≥ 3000	30.6	32.2	32.4	32.6	32.6	32.8	32.9	32.9	32.9	33.0	33.1	33.1	33.3	33.3	33.3	33.3
≥ 2500	33.1	35.0	35.2	35.4	35.4	35.6	35.7	35.7	35.7	35.8	35.9	35.9	36.1	36.1	36.1	36.1
≥ 2000	36.9	39.0	39.3	39.6	39.6	39.7	39.8	39.8	39.8	40.0	40.1	40.1	40.2	40.2	40.2	40.2
≥ 1800	37.6	39.8	40.2	40.4	40.4	40.6	40.7	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.0	41.0
≥ 1500	40.1	42.6	43.0	43.5	43.5	43.6	43.8	43.8	43.8	44.0	44.1	44.1	44.2	44.2	44.2	44.2
≥ 1200	45.6	49.2	50.2	50.7	50.9	51.0	51.4	51.5	51.5	51.6	51.8	51.8	51.9	51.9	51.9	51.9
≥ 1000	50.2	54.7	56.0	57.0	57.4	57.5	57.9	58.0	58.0	58.2	58.3	58.3	58.5	58.5	58.5	58.5
≥ 900	52.6	57.7	59.1	60.0	60.4	60.5	60.9	61.1	61.1	61.4	61.5	61.5	61.8	61.8	61.8	61.8
≥ 800	54.1	59.2	60.7	61.8	62.1	62.2	62.6	62.9	62.9	63.1	63.2	63.2	63.5	63.5	63.5	63.5
≥ 700	54.8	60.3	61.8	63.0	63.3	63.5	63.8	64.1	64.2	64.4	64.6	64.6	64.8	64.8	64.8	64.8
≥ 600	56.9	62.9	64.3	65.5	65.9	66.0	66.4	66.7	66.9	67.1	67.2	67.2	67.5	67.5	67.5	67.5
≥ 500	61.4	68.5	70.3	72.0	72.6	72.8	73.2	73.6	73.8	74.1	74.2	74.2	74.4	74.4	74.4	74.4
≥ 400	65.9	74.5	76.6	78.3	79.3	79.5	80.6	81.1	81.4	81.9	82.0	82.0	82.2	82.2	82.2	82.2
≥ 300	66.6	76.4	79.0	81.2	82.9	83.2	85.0	85.7	86.0	86.6	86.8	86.8	87.3	87.3	87.3	87.3
≥ 200	67.7	78.1	81.1	83.9	86.1	86.4	88.3	89.4	89.9	90.7	91.8	91.8	92.4	92.4	93.1	93.1
≥ 100	68.0	78.6	81.9	84.8	87.1	87.5	89.5	91.1	91.7	93.1	95.0	95.0	96.2	96.2	97.2	98.1
= 0	68.0	78.6	81.9	84.8	87.1	87.5	89.5	91.1	91.7	93.1	95.1	95.2	96.6	96.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥5/16	≥¼	≥0
NO CEILING	18.7	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
≥ 20000	19.3	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 18000	19.9	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 16000	19.9	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 14000	20.0	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 12000	20.2	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 10000	20.5	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
≥ 9000	20.8	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 8000	23.1	24.2	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4
≥ 7000	24.7	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0
≥ 6000	25.2	26.3	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7
≥ 5000	26.2	27.3	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 4500	26.4	27.5	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 4000	28.7	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3
≥ 3500	30.1	31.5	31.7	31.7	31.8	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 3000	31.3	32.9	33.0	33.0	33.1	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 2500	33.4	35.0	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 2000	38.3	40.0	40.2	40.2	40.3	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 1800	38.5	40.2	40.5	40.6	40.7	40.8	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 1500	43.4	46.2	46.5	46.7	46.8	47.1	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1200	50.2	53.5	54.2	54.4	54.8	55.0	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 1000	57.1	60.8	61.7	62.0	62.5	62.7	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
≥ 900	60.0	64.3	65.3	65.5	66.0	66.3	66.7	66.7	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 800	61.6	66.0	67.0	67.4	67.8	68.1	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 700	63.6	68.2	69.2	69.6	70.0	70.3	70.8	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 600	67.1	72.1	73.2	73.6	74.2	74.4	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 500	70.7	75.9	77.1	77.9	78.6	78.9	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 400	73.1	79.7	81.2	82.5	83.9	84.2	85.2	85.3	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9
≥ 300	74.8	82.9	84.7	86.4	88.4	88.8	89.7	89.9	90.2	90.7	91.2	91.2	91.3	91.3	91.3	91.3
≥ 200	75.8	84.5	86.7	88.6	90.8	91.4	92.7	93.2	93.8	94.6	95.4	95.4	95.6	95.6	95.7	95.7
≥ 100	76.0	84.8	87.2	89.1	91.4	92.1	93.4	94.1	94.7	96.0	97.2	97.3	98.0	98.0	98.7	99.3
≥ 0	76.0	84.8	87.2	89.1	91.4	92.1	93.4	94.1	94.7	96.0	97.2	97.4	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 618

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥¼	≥0
NO CEILING	19.3	20.1	20.1	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	20.0	20.8	20.8	20.8	20.8	20.8	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
≥ 18000	20.1	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 16000	20.3	21.1	21.1	21.1	21.1	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 14000	20.5	21.4	21.4	21.4	21.4	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 12000	21.4	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 10000	22.1	23.0	23.0	23.0	23.0	23.0	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 9000	23.1	24.0	24.0	24.0	24.0	24.0	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 8000	24.9	25.7	25.7	25.7	25.7	26.0	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥ 7000	27.4	28.3	28.3	28.3	28.3	28.6	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
≥ 6000	28.2	29.0	29.0	29.0	29.0	29.3	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 5000	28.7	29.6	29.6	29.6	29.6	29.9	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 4500	30.2	31.0	31.0	31.0	31.0	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
≥ 4000	32.6	33.5	33.5	33.5	33.5	33.8	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 3500	35.3	36.2	36.2	36.2	36.2	36.5	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
≥ 3000	37.1	38.1	38.1	38.1	38.1	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
≥ 2500	39.2	40.4	40.5	40.5	40.8	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 2000	43.0	44.5	44.8	44.8	45.1	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
≥ 1800	44.1	45.7	46.0	46.0	46.3	46.6	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
≥ 1500	47.4	49.1	49.4	49.4	49.7	50.0	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 1200	54.2	56.5	57.2	57.3	58.0	58.3	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1
≥ 1000	58.0	61.1	61.9	62.2	63.2	63.5	63.8	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2
≥ 900	60.9	64.2	65.4	65.7	66.7	67.0	67.2	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
≥ 800	62.5	65.8	67.1	67.4	68.4	68.7	69.0	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4
≥ 700	63.5	67.0	68.2	68.5	69.5	69.8	70.1	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5
≥ 600	69.0	72.6	73.9	74.1	75.3	75.6	75.9	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.3
≥ 500	72.3	76.6	77.9	78.2	79.3	79.6	80.0	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 400	75.0	81.9	83.9	84.5	86.2	86.6	87.2	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9
≥ 300	76.1	84.8	87.2	88.1	90.2	90.7	91.2	92.0	92.4	92.7	93.0	93.0	93.0	93.0	93.0
≥ 200	76.1	84.9	87.5	88.8	91.1	91.5	92.5	93.5	94.0	94.7	95.5	95.5	95.8	95.8	95.8
≥ 100	76.1	85.1	88.1	89.4	91.8	92.4	93.4	94.7	95.1	96.6	98.6	98.6	99.4	99.6	99.7
≥ 0	76.1	85.1	88.1	89.4	91.8	92.4	93.4	94.7	95.1	96.6	98.6	98.6	99.4	99.6	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 696

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	0
NO CEILING	17.9	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 20000	19.5	20.5	20.5	20.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 18000	20.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
≥ 6000	21.1	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
≥ 4000	21.2	22.2	22.2	22.2	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 2200	22.2	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 10000	23.9	24.8	24.8	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 9000	25.0	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 8000	26.3	27.3	27.3	27.3	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 7000	31.2	32.1	32.1	32.1	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 6000	32.9	34.0	34.0	34.0	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 5000	34.0	35.2	35.2	35.2	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4500	34.0	35.2	35.2	35.2	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 4000	36.1	37.2	37.2	37.2	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 3500	37.6	38.7	38.7	38.7	38.9	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
≥ 3000	38.3	39.7	39.7	39.7	39.8	39.8	40.0	40.0	40.0	40.0	40.2	40.0	40.0	40.0	40.0	40.2
≥ 2500	41.5	43.0	43.0	43.0	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
≥ 2000	43.2	45.1	45.1	45.1	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
≥ 1800	43.6	45.5	45.5	45.5	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 1500	45.3	47.2	47.2	47.2	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 1200	51.1	53.0	53.2	53.4	53.9	53.9	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 1000	53.2	55.1	55.5	55.8	56.6	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 900	55.1	57.3	57.9	58.5	59.2	59.2	59.8	60.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 800	55.8	58.1	58.6	59.2	60.0	60.0	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
≥ 700	57.0	59.2	59.8	60.5	61.8	61.8	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 600	61.7	64.1	65.4	66.2	67.7	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 500	64.7	67.1	69.2	70.1	72.0	72.2	73.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 400	68.8	72.9	76.5	78.0	80.5	81.0	82.1	82.9	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5
≥ 300	70.1	76.1	80.5	82.1	85.2	85.7	87.0	87.8	88.0	88.5	90.9	90.2	90.2	90.2	90.2	90.2
≥ 200	71.2	78.2	82.9	85.0	88.5	89.1	91.0	91.9	92.1	92.9	95.3	95.5	95.5	95.5	95.5	95.7
≥ 100	71.2	78.2	82.9	85.0	88.7	89.3	91.9	93.6	93.8	94.5	97.4	97.6	98.5	98.5	98.7	98.9
0	71.2	78.2	82.9	85.0	88.7	89.3	91.9	93.6	93.8	94.5	97.7	97.9	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 532

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥5/16	≥¼	≥0
NO CEILING	20.6	20.8	20.9	21.1	21.1	21.1	21.1	21.4	21.4	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 20000	23.0	23.1	23.3	23.5	23.5	23.5	23.5	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 18000	23.3	23.5	23.6	23.8	23.8	23.8	23.8	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 9000	23.6	23.8	23.9	24.1	24.1	24.1	24.1	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 14000	23.8	23.9	24.1	24.3	24.3	24.3	24.3	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7
≥ 12000	23.9	24.1	24.3	24.4	24.4	24.4	24.4	24.7	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 10000	25.2	25.4	25.5	25.7	25.7	25.7	25.7	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 9000	26.0	26.1	26.3	26.5	26.5	26.5	26.5	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 8000	26.9	27.1	27.2	27.4	27.4	27.4	27.4	27.7	27.7	27.9	27.9	27.9	27.9	27.9	27.9	27.9
≥ 7000	30.1	30.2	30.4	30.6	30.6	30.6	30.6	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0
≥ 6000	31.5	31.7	31.8	32.0	32.0	32.0	32.0	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4
≥ 5000	33.4	33.5	33.7	33.9	33.9	33.9	33.9	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3
≥ 4500	34.3	34.6	34.8	35.0	35.0	35.0	35.0	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 4000	35.7	36.1	36.2	36.4	36.4	36.4	36.4	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9
≥ 3500	38.6	39.4	39.5	39.7	39.7	39.7	39.7	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 3000	41.4	42.5	42.7	42.8	42.8	42.8	42.8	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.3
≥ 2500	44.6	45.7	45.8	46.0	46.0	46.0	46.0	46.3	46.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 2000	46.6	47.9	48.3	48.5	48.5	48.5	48.5	48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 1800	46.9	48.5	49.0	49.1	49.1	49.1	49.1	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
≥ 1500	49.8	51.7	52.1	52.4	52.4	52.4	52.8	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 1200	54.0	55.9	56.9	57.3	57.3	57.3	57.6	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
≥ 1000	56.4	58.9	59.8	60.5	60.6	60.6	60.9	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 900	58.7	61.6	62.5	63.1	63.3	63.3	63.6	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 800	59.8	62.8	63.9	65.0	65.2	65.2	65.5	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3
≥ 700	60.6	63.6	64.7	65.8	66.1	66.1	66.5	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 600	63.1	66.6	67.7	68.8	69.6	69.6	69.9	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 500	65.5	69.4	70.9	72.1	73.1	73.1	73.9	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 400	68.0	73.7	76.1	78.0	79.5	79.5	80.3	80.9	81.1	81.4	82.2	82.2	82.4	82.4	82.4	82.4
≥ 300	68.2	75.0	77.6	79.5	81.4	81.6	82.4	83.1	83.3	83.8	85.0	85.0	85.2	85.2	85.4	85.4
≥ 200	68.5	75.9	78.6	80.8	83.6	84.1	85.0	86.1	86.3	87.7	90.4	90.4	90.9	90.9	91.2	91.2
≥ 100	68.8	76.5	79.4	81.6	85.0	85.5	86.8	88.8	89.0	90.9	95.0	95.0	95.7	95.7	96.4	97.6
0	68.8	76.5	79.4	81.6	85.0	85.5	86.8	88.8	89.0	90.9	95.0	95.0	95.9	96.1	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 635

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7(2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL (HOUR)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥⅝	≥½	≥¼	≥0
NO CEILING	18.6	19.2	19.3	19.4	19.5	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.8	19.8
≥ 20000	19.6	20.2	20.3	20.3	20.5	20.5	20.5	20.6	20.6	20.7	20.7	20.7	20.7	20.8	20.8	20.8
≥ 18000	20.0	20.6	20.7	20.8	20.9	20.9	20.9	21.0	21.0	21.1	21.1	21.1	21.2	21.2	21.2	21.2
≥ 16000	20.2	20.8	20.9	20.9	21.1	21.1	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.4	21.4	21.4
≥ 14000	20.3	21.0	21.1	21.1	21.2	21.2	21.3	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.6	21.6
≥ 12000	20.6	21.2	21.3	21.3	21.5	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8
≥ 10000	21.3	21.9	22.0	22.1	22.2	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.6	22.6
≥ 9000	21.8	22.5	22.6	22.6	22.7	22.7	22.8	22.9	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.1
≥ 8000	23.5	24.2	24.3	24.4	24.5	24.5	24.6	24.8	24.8	24.8	24.9	24.9	24.9	25.0	25.0	25.0
≥ 7000	26.3	27.0	27.2	27.2	27.4	27.4	27.5	27.7	27.7	27.7	27.8	27.8	27.9	27.9	27.9	27.9
≥ 6000	27.2	28.1	28.2	28.3	28.5	28.5	28.6	28.8	28.8	28.8	28.9	28.9	29.0	29.0	29.0	29.0
≥ 5000	28.5	29.4	29.6	29.7	29.8	29.9	30.0	30.1	30.1	30.2	30.2	30.2	30.3	30.3	30.4	30.4
≥ 4500	29.0	29.9	30.1	30.2	30.3	30.4	30.5	30.6	30.6	30.7	30.7	30.7	30.8	30.9	30.9	30.9
≥ 4000	31.2	32.2	32.3	32.4	32.6	32.6	32.7	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.2	33.2
≥ 3500	33.2	34.6	34.8	34.9	35.1	35.2	35.3	35.4	35.4	35.5	35.5	35.5	35.6	35.6	35.7	35.7
≥ 3000	34.9	36.5	36.7	36.8	37.0	37.1	37.2	37.3	37.3	37.4	37.4	37.4	37.5	37.5	37.6	37.6
≥ 2500	37.3	39.0	39.3	39.4	39.6	39.7	39.8	39.9	40.0	40.0	40.1	40.1	40.2	40.2	40.2	40.2
≥ 2000	40.5	42.6	43.0	43.2	43.4	43.5	43.6	43.8	43.8	43.9	43.9	43.9	44.0	44.0	44.1	44.1
≥ 1800	41.2	43.4	43.8	44.0	44.2	44.3	44.4	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.9	44.9
≥ 1500	44.1	46.9	47.3	47.6	47.8	47.9	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.5	48.6	48.6
≥ 1200	49.8	53.0	53.7	54.1	54.6	54.7	55.0	55.2	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.5
≥ 1000	53.7	57.5	58.4	59.0	59.8	59.9	60.2	60.5	60.5	60.7	60.7	60.7	60.8	60.8	60.9	60.9
≥ 900	55.6	59.9	61.0	61.6	62.4	62.5	62.9	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.6	63.6
≥ 800	56.9	61.3	62.5	63.2	64.0	64.2	64.5	64.8	64.8	65.0	65.0	65.0	65.1	65.2	65.2	65.2
≥ 700	57.9	62.5	63.7	64.5	65.4	65.6	65.9	66.2	66.2	66.4	66.4	66.4	66.6	66.6	66.6	66.6
≥ 600	61.1	66.2	67.6	68.4	69.5	69.6	70.0	70.3	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7
≥ 500	63.7	69.5	71.1	72.2	73.4	73.7	74.3	74.7	74.8	75.0	75.0	75.0	75.1	75.1	75.2	75.2
≥ 400	66.5	73.9	76.0	77.6	79.3	79.6	80.5	80.9	81.1	81.4	81.7	81.7	81.9	81.9	81.9	81.9
≥ 300	67.5	76.0	78.5	80.3	82.7	83.1	84.3	84.9	85.3	85.9	86.6	86.6	86.8	86.8	87.0	87.0
≥ 200	68.1	77.3	80.1	82.2	85.1	85.6	87.1	88.1	88.6	89.7	91.3	91.3	91.8	91.8	92.2	92.4
≥ 100	68.3	77.8	80.8	83.0	86.1	86.7	88.4	90.0	90.6	92.2	94.7	94.9	96.0	96.1	96.9	97.8
≥ 0	68.3	77.8	80.8	83.0	86.1	86.7	88.4	90.0	90.6	92.2	94.9	95.1	96.3	96.5	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 5930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300 (HOURS (L))

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	19.1	19.4	19.4	19.4	19.5	19.5	19.5	19.7	19.7	19.7	19.9	19.9	19.9	19.9	19.9
≥ 20000	20.6	20.8	20.8	20.8	21.0	21.0	21.0	21.1	21.1	21.1	21.3	21.3	21.3	21.3	21.3
≥ 18000	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	22.0	22.0	22.0	22.0	22.0
≥ 6000	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	22.0	22.0	22.0	22.0	22.0
≥ 4000	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	22.0	22.0	22.0	22.0	22.0
≥ 2000	21.2	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.7	22.0	22.0	22.0	22.0	22.0
≥ 1000	21.7	22.0	22.0	22.0	22.1	22.1	22.1	22.3	22.3	22.3	22.5	22.5	22.5	22.5	22.5
≥ 9000	22.5	22.8	22.8	22.8	22.9	22.9	22.9	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3
≥ 8000	23.2	23.4	23.4	23.4	23.5	23.5	23.5	23.7	23.7	23.7	23.9	23.9	23.9	23.9	23.9
≥ 7000	25.4	25.6	25.6	25.6	25.7	25.7	25.9	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3
≥ 6000	25.9	26.1	26.1	26.1	26.3	26.3	26.4	26.5	26.5	26.5	26.8	26.8	26.8	26.8	26.8
≥ 5000	27.4	27.7	27.7	27.7	27.8	27.8	27.9	28.1	28.1	28.1	28.3	28.3	28.3	28.3	28.3
≥ 4500	28.3	28.6	28.6	28.7	28.8	28.8	29.0	29.1	29.1	29.1	29.4	29.4	29.4	29.4	29.4
≥ 4000	30.9	31.4	31.4	31.6	31.7	31.7	31.8	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2
≥ 3500	33.4	34.5	34.5	34.7	34.8	34.8	34.9	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3
≥ 3000	35.7	37.5	37.5	37.6	37.8	37.8	37.9	38.0	38.0	38.0	38.3	38.3	38.3	38.3	38.3
≥ 2500	38.2	41.1	41.1	41.3	41.5	41.5	41.9	42.0	42.0	42.0	42.3	42.3	42.3	42.3	42.3
≥ 2000	40.9	44.0	44.1	44.8	45.1	45.1	45.5	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9
≥ 1800	41.8	45.0	45.1	45.8	46.3	46.4	46.8	47.0	47.0	47.0	47.2	47.2	47.2	47.2	47.2
≥ 1600	44.1	47.9	48.0	48.6	49.3	49.4	49.8	49.9	49.9	49.9	50.2	50.2	50.2	50.2	50.2
≥ 1400	49.2	53.8	53.9	54.6	55.2	55.4	55.9	56.0	56.0	56.0	56.3	56.3	56.3	56.3	56.3
≥ 1200	52.4	58.2	58.3	59.1	59.9	60.0	60.8	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2
≥ 1000	53.0	59.5	59.6	60.4	61.2	61.3	62.1	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5
≥ 900	54.9	62.1	62.5	63.3	64.0	64.2	65.2	65.3	65.3	65.3	65.6	65.6	65.6	65.6	65.6
≥ 800	56.8	64.6	65.1	65.6	67.0	67.3	68.6	68.7	68.8	69.0	69.2	69.2	69.2	69.2	69.2
≥ 700	59.8	68.0	68.6	69.3	70.9	71.2	72.4	72.6	72.7	73.0	73.2	73.2	73.2	73.2	73.2
≥ 600	63.3	72.8	73.9	74.8	76.5	76.7	78.9	79.0	79.2	79.8	80.5	80.5	80.5	80.5	80.5
≥ 500	65.8	76.5	78.3	79.7	82.3	82.5	85.1	85.3	85.4	86.0	88.4	88.4	88.5	88.5	88.7
≥ 400	66.5	77.4	79.6	81.2	84.7	85.0	87.7	88.1	88.4	89.1	91.8	91.8	92.0	92.0	92.2
≥ 300	66.6	77.9	80.1	81.9	85.8	86.0	89.3	89.8	90.0	90.8	94.4	94.4	94.6	94.6	94.7	95.1
≥ 200	66.6	78.0	80.2	82.0	85.9	86.3	89.8	90.4	90.8	92.2	96.5	96.8	97.4	97.5	97.9	98.7
< 200	66.6	78.0	80.2	82.0	85.9	86.3	89.8	90.4	90.8	92.2	96.6	96.9	97.9	98.1	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 773

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 HOURS L.S.T.

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼
NO CEILING	14.4	14.7	14.8	14.8	14.8	14.8	14.9	14.9	14.9	15.3	15.4	15.4	15.5	15.5	15.5	15.5
≥ 20000	15.5	15.8	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.4	16.5	16.5	16.7	16.7	16.7	16.7
≥ 18000	16.4	16.7	16.8	16.8	16.8	16.8	16.9	16.9	16.9	17.3	17.4	17.4	17.5	17.5	17.5	17.5
≥ 6000	16.4	16.7	16.8	16.8	16.8	16.8	16.9	16.9	16.9	17.3	17.4	17.4	17.5	17.5	17.5	17.5
≥ 4000	16.4	16.7	16.8	16.8	16.8	16.8	16.9	16.9	16.9	17.3	17.4	17.4	17.5	17.5	17.5	17.5
≥ 2000	16.8	17.0	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.7	17.8	17.8	17.9	17.9	17.9	17.9
≥ 1000	17.7	17.9	18.0	18.0	18.0	18.0	18.2	18.2	18.2	18.5	18.7	18.7	18.8	18.8	18.8	18.8
≥ 900	18.4	18.7	18.8	18.8	18.8	18.8	18.9	18.9	18.9	19.3	19.4	19.4	19.5	19.5	19.5	19.5
≥ 800	19.0	19.3	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.9	20.0	20.0	20.1	20.1	20.1	20.1
≥ 700	20.8	21.0	21.1	21.1	21.1	21.1	21.3	21.3	21.3	21.6	21.8	21.8	21.9	21.9	21.9	21.9
≥ 6000	21.3	21.5	21.6	21.6	21.6	21.6	21.8	21.8	21.8	22.1	22.3	22.3	22.4	22.4	22.4	22.4
≥ 5000	21.6	21.9	22.0	22.0	22.0	22.0	22.1	22.3	22.3	22.6	22.8	22.8	22.9	22.9	22.9	22.9
≥ 4500	22.0	22.3	22.4	22.4	22.4	22.4	22.5	22.6	22.6	23.0	23.1	23.1	23.3	23.3	23.3	23.3
≥ 4000	24.4	25.0	25.1	25.1	25.1	25.1	25.4	25.5	25.5	25.9	26.0	26.0	26.1	26.1	26.1	26.1
≥ 3500	26.4	27.4	27.5	27.5	27.5	27.5	27.7	27.9	27.9	28.2	28.4	28.4	28.5	28.5	28.5	28.5
≥ 3000	29.3	30.8	31.2	31.2	31.3	31.3	31.6	31.7	31.7	32.1	32.2	32.2	32.3	32.3	32.3	32.3
≥ 2500	31.2	33.1	33.5	33.5	33.6	33.6	34.1	34.2	34.2	34.6	34.7	34.7	34.8	34.8	34.8	34.8
≥ 2000	34.8	36.9	37.3	37.4	37.6	37.6	38.1	38.2	38.2	38.6	38.7	38.7	38.8	38.8	38.8	38.8
≥ 1800	35.7	37.8	38.2	38.3	38.4	38.4	38.9	39.1	39.1	39.4	39.6	39.6	39.7	39.7	39.7	39.7
≥ 1500	40.4	42.8	43.3	43.7	43.8	43.8	44.3	44.4	44.4	44.8	44.9	44.9	45.0	45.0	45.0	45.0
≥ 1200	46.3	49.3	50.5	50.9	51.1	51.1	51.7	51.9	51.9	52.2	52.4	52.4	52.5	52.5	52.5	52.5
≥ 1000	48.8	52.7	54.1	54.7	55.2	55.2	55.8	56.1	56.1	56.5	56.6	56.6	56.7	56.7	56.7	56.7
≥ 900	51.6	56.0	57.3	58.0	58.5	58.5	59.3	59.6	59.6	60.1	60.3	60.3	60.4	60.4	60.4	60.4
≥ 800	53.1	58.1	59.5	60.1	60.6	60.6	61.6	61.8	61.8	62.3	62.6	62.6	62.7	62.7	62.7	62.7
≥ 700	54.5	59.6	61.1	61.7	62.4	62.4	63.4	63.7	63.7	64.2	64.4	64.4	64.6	64.6	64.6	64.6
≥ 600	57.0	63.2	64.7	65.4	66.5	66.5	67.5	68.0	68.0	68.5	68.8	68.8	68.9	68.9	68.9	68.9
≥ 500	60.8	68.8	71.3	72.1	73.6	73.6	74.8	75.4	75.4	75.9	76.1	76.1	76.2	76.2	76.2	76.2
≥ 400	63.9	73.1	76.1	77.6	79.5	79.6	81.5	82.3	82.3	82.8	83.8	83.8	84.0	84.0	84.0	84.1
≥ 300	64.8	74.4	77.7	79.2	81.7	81.8	84.5	85.3	85.4	86.1	87.3	87.3	87.6	87.7	88.2	88.3
≥ 200	64.8	74.9	78.2	79.7	82.8	83.1	86.3	87.8	87.9	89.2	91.2	91.2	91.4	91.8	92.3	92.5
≥ 100	65.0	75.2	78.7	80.2	83.7	84.0	87.6	89.7	89.9	91.5	94.5	94.5	95.0	95.6	96.4	96.9
≥ 0	65.0	75.2	78.7	80.2	83.7	84.0	87.6	89.7	89.9	91.8	95.4	95.4	96.4	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 624

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?120 | CAPE ROMANZOF AFS AK | 73-81 | AUG
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
	13.6	13.8	13.9	14.1	14.1	14.1	14.2	14.2	14.2	14.4	14.7	14.7	14.7	14.7	14.7	14.8
2000	14.6	14.8	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.5	15.8	15.8	15.8	15.8	15.8	15.9
1500	15.2	15.4	15.5	15.7	15.8	15.8	15.9	15.9	15.9	16.2	16.4	16.4	16.4	16.4	16.4	16.5
1000	15.4	15.7	15.8	15.9	16.0	16.0	16.2	16.2	16.2	16.4	16.7	16.7	16.7	16.7	16.7	16.8
800	15.7	15.9	16.0	16.2	16.3	16.3	16.4	16.4	16.4	16.7	16.9	16.9	16.9	16.9	16.9	17.0
600	15.7	15.9	16.0	16.2	16.3	16.3	16.4	16.4	16.4	16.7	16.9	16.9	16.9	16.9	16.9	17.0
400	16.8	17.0	17.2	17.3	17.4	17.4	17.5	17.5	17.5	17.8	18.0	18.0	18.0	18.0	18.0	18.2
300	16.9	17.2	17.3	17.4	17.5	17.5	17.7	17.7	17.7	17.9	18.2	18.2	18.2	18.2	18.2	18.3
200	17.5	17.8	17.9	18.0	18.2	18.2	18.3	18.3	18.3	18.5	18.8	18.8	18.8	18.8	18.8	18.9
100	21.3	21.6	21.8	21.9	22.0	22.0	22.1	22.1	22.1	22.4	22.6	22.6	22.6	22.6	22.6	22.8
0	22.1	22.5	22.6	22.6	22.9	22.9	23.0	23.0	23.0	23.3	23.5	23.5	23.5	23.5	23.5	23.6
	23.0	23.4	23.5	23.6	23.8	23.8	23.9	23.9	23.9	24.4	24.6	24.6	24.6	24.6	24.6	24.8
	23.5	23.9	24.0	24.1	24.3	24.3	24.4	24.4	24.4	24.9	25.1	25.1	25.1	25.1	25.1	25.2
	24.9	25.2	25.4	25.5	25.6	25.6	25.7	25.7	25.7	26.2	26.5	26.5	26.5	26.5	26.5	26.6
	26.1	26.6	26.7	26.9	27.0	27.0	27.1	27.1	27.1	27.6	27.9	27.9	27.9	27.9	27.9	28.0
	29.4	29.8	29.4	29.5	29.6	29.6	30.1	30.1	30.1	30.6	30.8	30.8	31.0	31.0	31.0	31.1
	30.1	30.8	31.2	31.3	31.5	31.5	32.0	32.0	32.0	32.5	32.7	32.7	32.8	32.8	32.8	33.0
	33.6	34.3	34.7	34.8	35.1	35.1	35.7	35.7	35.7	36.2	36.4	36.4	36.6	36.6	36.6	36.7
	34.3	35.2	35.6	35.7	35.9	35.9	36.6	36.6	36.6	37.1	37.3	37.3	37.4	37.4	37.4	37.6
	39.2	40.4	40.8	41.0	41.3	41.3	41.9	41.9	41.9	42.4	42.7	42.7	42.8	42.8	42.8	42.9
	46.0	48.6	49.1	49.8	50.1	50.1	50.7	50.7	50.7	51.2	51.5	51.5	51.6	51.6	51.6	51.7
	50.2	53.1	53.6	55.0	55.6	55.7	56.3	56.3	56.3	56.8	57.1	57.1	57.2	57.2	57.2	57.3
	52.1	55.5	56.2	57.6	58.3	58.5	59.2	59.3	59.3	59.8	60.1	60.1	60.2	60.2	60.2	60.3
	53.6	57.7	58.6	60.1	60.8	60.9	61.7	61.8	61.8	62.3	62.6	62.6	62.7	62.7	62.7	62.8
	54.0	58.8	59.8	61.3	62.2	62.3	63.1	63.2	63.2	63.1	64.3	64.3	64.4	64.4	64.4	64.6
	57.2	62.6	63.8	65.5	66.4	66.5	67.3	67.4	67.4	68.3	68.8	68.8	68.9	68.9	68.9	69.1
	60.9	67.9	69.5	71.9	73.0	73.1	74.3	74.4	74.5	75.4	75.9	75.9	76.0	76.0	76.0	76.1
	63.7	72.0	74.0	77.0	79.0	79.2	80.8	81.3	81.6	83.0	83.5	83.5	83.6	83.6	83.6	83.6
	64.7	73.8	76.4	79.5	81.7	82.0	84.0	84.7	85.0	86.8	87.8	87.8	87.9	87.9	87.9	88.2
	65.3	75.0	78.0	81.5	84.2	84.5	86.9	87.8	88.1	90.3	91.8	91.8	91.9	91.9	92.0	92.3
	65.4	75.2	78.4	82.1	85.0	85.2	88.3	89.2	90.2	93.2	95.4	95.4	95.6	95.8	96.0	96.5
	65.5	75.4	78.5	82.2	85.1	85.3	88.4	89.3	90.3	93.4	97.0	97.0	98.3	98.4	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72[illegible] (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) ANN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1977-1122 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	16.0	16.1	16.4	16.5	16.5	16.6	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.5	16.6
≥ 20000	17.0	17.1	17.3	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.5	17.6
≥ 18000	18.0	18.1	18.3	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
≥ 16000	18.0	18.1	18.3	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.5	18.6
≥ 14000	18.1	18.2	18.5	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
≥ 12000	18.3	18.5	18.7	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
≥ 10000	19.2	19.5	19.7	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
≥ 9000	19.6	19.8	20.1	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 8000	20.3	20.6	20.8	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
≥ 7000	22.4	22.7	22.9	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 6000	23.3	23.7	23.9	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
≥ 5000	23.9	24.4	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
≥ 4500	24.2	24.7	24.9	25.0	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
≥ 4000	28.6	29.2	29.5	29.6	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
≥ 3500	31.0	31.7	32.0	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 3000	31.8	32.6	32.8	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
≥ 2500	34.0	34.8	35.1	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 2000	38.9	39.8	40.0	40.3	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
≥ 1800	39.0	39.9	40.1	40.4	40.5	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 1600	42.4	44.0	44.2	44.5	44.6	44.7	44.9	44.9	44.9	45.2	45.0	45.0	45.0	45.0	45.2	45.2
≥ 1400	49.7	52.2	52.7	53.2	53.3	53.8	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1200	53.4	56.5	57.1	57.7	58.0	58.5	58.9	58.9	58.9	59.2	59.0	59.0	59.0	59.0	59.0	59.2
≥ 1000	55.8	59.2	60.0	61.1	61.5	62.0	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
≥ 900	57.2	61.0	61.7	62.6	63.2	63.7	64.2	64.2	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
≥ 800	59.1	63.1	63.8	65.1	65.4	65.9	66.5	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
≥ 700	61.8	67.0	68.3	69.6	70.6	71.1	71.7	71.9	72.0	72.2	72.2	72.2	72.2	72.4	72.4	72.4
≥ 600	64.7	70.5	72.2	74.1	75.2	75.7	76.3	76.6	76.7	77.2	77.2	77.2	77.2	77.3	77.3	77.3
≥ 500	67.3	75.0	77.3	79.9	82.0	82.8	84.3	85.1	85.3	86.0	86.2	86.2	86.2	86.4	86.4	86.5
≥ 400	68.3	76.1	78.7	81.8	84.4	85.3	87.1	88.1	88.5	89.6	89.8	89.8	90.0	90.1	90.1	90.2
≥ 300	69.1	77.7	80.4	83.6	86.5	87.5	89.6	90.7	91.7	93.1	93.8	93.6	93.9	94.1	94.1	94.2
≥ 200	67.4	78.3	81.4	84.8	87.7	88.7	91.2	92.8	93.9	95.9	97.1	97.1	97.3	97.4	97.4	97.6
< 200	69.4	78.3	81.4	84.8	87.7	88.7	91.2	92.8	93.9	96.0	98.1	98.1	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 827

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2[illegible] (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼	<¼
UNL	15.8	15.9	15.9	15.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
20000	17.1	17.4	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
15000	18.2	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
12000	18.3	18.7	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
10000	19.6	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
9000	18.8	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
8000	19.0	19.3	19.3	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.	19.5
7000	19.3	19.7	19.7	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
6500	19.7	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
6000	21.4	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
5500	22.4	22.9	22.9	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
5000	23.3	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
4500	23.9	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
4000	28.1	28.6	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
3500	29.7	30.3	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
3000	31.8	32.7	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
2500	36.6	37.5	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.6
2000	40.1	41.2	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
1800	40.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
1600	45.2	46.9	47.1	47.1	47.2	47.2	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5
1400	51.8	54.8	55.3	55.7	56.3	56.3	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9
1200	55.6	59.6	60.4	60.9	61.8	62.0	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
1000	58.7	63.5	64.4	65.1	66.0	66.3	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
900	60.1	65.2	66.3	66.9	67.8	68.1	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
800	61.8	67.6	68.6	69.4	70.7	71.0	71.8	72.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2
700	65.5	72.0	73.6	74.8	76.5	76.7	77.5	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
600	67.8	75.7	78.[illegible]	79.2	81.[illegible]	81.3	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.[illegible]
500	70.3	79.9	82.6	84.3	86.4	86.9	88.1	89.0	89.[illegible]	89.3	89.3	89.3	89.3	89.3	89.3	89.3
400	71.8	81.4	84.2	86.0	88.2	88.9	90.3	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
300	71.6	82.5	85.2	87.2	89.5	90.2	91.8	92.8	92.9	93.6	94.1	94.1	94.1	94.1	94.1	94.1
200	72.2	83.7	86.5	88.6	91.4	92.3	93.7	95.3	95.7	96.6	97.6	97.8	97.9	97.9	97.9	98.[illegible]
100	72.2	83.8	86.7	88.6	91.5	92.2	93.9	95.4	95.8	97.[illegible]	98.6	98.8	99.0	99.[illegible]	99.7	100.[illegible]

TOTAL NUMBER OF OBSERVATIONS 765

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

GMT 1500-1700

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	13.1	13.1	13.1
20000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.2	14.2
10000	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	15.0	15.2	15.2
6000	15.3	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.5	15.7	15.7
4500	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.7	15.8	15.8
3000	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.8	16.1	16.1
2500	16.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.9	17.1	17.1
2000	17.6	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.2	18.4	18.4
1500	17.9	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.7	18.8	18.8
1000	20.1	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.2	21.4	21.4
900	20.4	21.2	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.7	21.8	21.8
800	20.6	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.8	22.0	22.0
700	21.2	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.5	22.6	22.6
600	27.4	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.6	28.8	28.8
500	29.7	31.0	31.0	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.6	31.8	31.8
400	31.0	32.6	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.4	33.5	33.5
300	36.1	37.7	37.8	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.4	38.6	38.6
250	39.7	41.3	41.5	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	42.2	42.4	42.4
200	41.1	43.2	43.4	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	44.1	44.3	44.3
150	46.7	49.2	49.4	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	50.2	50.3	50.3
100	53.0	56.2	57.0	57.8	58.1	58.1	58.7	58.9	58.9	59.0	59.0	59.0	59.3	59.5	59.5
90	58.1	61.6	62.5	63.6	64.7	64.7	65.3	65.7	65.7	66.1	66.1	66.1	66.5	66.6	66.6
80	60.8	64.2	65.2	66.3	67.6	67.6	68.2	68.5	68.5	69.0	69.0	69.0	69.0	69.3	69.5	69.5
70	61.9	65.8	66.8	67.9	69.1	69.1	69.8	70.1	70.1	70.6	70.6	70.6	70.6	70.9	71.0	71.0
60	63.1	67.6	68.7	69.9	71.2	71.2	71.8	72.2	72.2	72.6	72.6	72.6	72.6	72.9	73.1	73.1
50	65.7	70.9	72.6	73.9	75.2	75.2	75.8	76.1	76.1	76.6	76.6	76.6	76.6	76.9	77.1	77.1
40	67.7	74.1	75.8	77.4	78.6	78.6	79.4	79.9	79.9	80.5	80.5	80.5	80.5	80.9	81.0	81.0
30	70.3	78.6	81.2	83.2	85.8	85.8	86.7	87.8	87.8	88.4	88.4	88.4	88.6	88.9	89.2	89.2
25	71.0	80.1	82.5	84.7	88.0	88.3	89.4	90.7	90.7	91.3	91.3	91.3	91.5	91.8	92.1	92.1
20	71.4	81.0	83.7	86.1	89.9	90.2	91.8	93.0	93.0	93.8	94.5	94.5	94.8	95.1	95.6	95.6
15	71.4	81.0	83.7	86.1	90.3	90.7	92.7	94.0	94.0	94.8	96.2	96.2	96.7	97.0	97.5	97.5
10	71.4	81.0	83.7	86.1	90.3	90.7	92.7	94.0	94.0	95.3	96.8	96.8	97.8	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2123 — STATION — CAPE ROMANZOF AFS AK — STATION NAME — 73-74,77-81 — YEARS — AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 — HOUR

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
CLEAR	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
≥ 20000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
≥ 18000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
≥ 17000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 14000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
≥ 12000	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
≥ 11000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 9000	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 8000	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 7000	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
≥ 6000	19.7	19.8	19.8	20.2	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 5000	19.8	20.0	20.0	20.4	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 4500	20.8	21.2	21.2	21.6	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
≥ 4000	26.1	26.7	26.7	27.0	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 3500	29.7	30.6	30.6	31.0	31.0	31.0	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 3000	31.8	33.6	33.8	35.0	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
≥ 2500	36.9	39.5	39.7	40.8	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 2000	40.6	43.3	43.7	44.8	45.0	45.0	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
≥ 1800	41.0	43.9	44.2	45.4	45.6	45.6	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 1500	45.0	48.2	48.6	49.9	50.1	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 1200	52.4	55.8	56.1	57.5	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1000	55.2	59.4	60.3	61.8	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 900	57.3	62.2	63.5	65.0	65.4	65.4	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5
≥ 800	57.7	63.3	64.7	66.2	66.5	66.5	67.9	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1
≥ 700	58.8	64.8	66.2	67.7	68.6	68.6	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1
≥ 600	61.2	68.4	69.9	71.5	73.2	73.2	74.5	74.5	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7
≥ 500	63.9	72.0	73.9	75.6	77.7	77.7	79.4	79.4	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8
≥ 400	66.5	75.8	78.6	81.3	83.7	83.7	86.0	86.2	86.2	86.2	86.8	86.8	87.1	87.1	87.1	87.1
≥ 300	67.1	77.1	80.0	82.6	85.8	85.8	88.3	88.8	88.8	88.8	90.2	90.2	90.5	90.5	90.5	90.5
≥ 200	67.1	77.5	80.3	83.2	86.8	86.8	89.2	90.4	90.4	90.5	92.6	92.6	93.4	93.4	93.6	93.8
≥ 100	67.1	77.9	81.1	83.9	87.7	87.7	90.5	91.7	91.7	91.9	94.9	95.1	96.0	96.0	96.2	96.8
	67.1	77.9	81.1	83.9	87.7	87.7	90.5	91.7	91.9	92.2	95.5	95.7	97.0	97.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 529

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2120-2320 (GMT)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/16	≥¼	≥0	
NO CEILING	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	
≥ 20000	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	
≥ 8000	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 5000	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 4000	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 2000	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
≥ 1000	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 900	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
≥ 800	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 700	23.1	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
≥ 6000	23.3	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
≥ 5000	25.6	26.3	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
≥ 4500	26.0	26.6	26.8	26.8	26.8	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
≥ 4000	29.6	30.3	30.4	30.4	30.4	30.4	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
≥ 3500	32.9	33.9	34.1	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
≥ 3000	35.4	36.8	37.1	37.1	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 2500	38.6	41.1	41.4	41.4	41.8	41.8	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 2000	42.1	44.8	45.3	45.8	46.1	46.1	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 1800	43.9	46.8	47.3	47.8	48.1	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.8
≥ 1500	46.3	50.1	50.9	51.6	51.9	52.2	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
≥ 1200	50.4	55.1	56.1	56.7	57.1	57.4	59.4	58.4	59.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
≥ 1000	53.1	58.2	59.2	60.1	60.7	61.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 900	55.7	61.4	62.4	63.2	63.9	64.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 800	57.1	63.7	64.7	65.6	66.4	66.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 700	58.9	66.1	67.2	68.1	70.0	70.4	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 600	60.7	68.4	69.7	70.7	73.2	73.5	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 500	63.7	72.9	75.5	76.9	79.7	80.0	81.9	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
≥ 400	65.1	75.2	78.4	80.4	84.5	84.9	87.0	87.7	87.9	88.0	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300	65.9	76.4	79.5	81.5	86.7	87.0	89.2	90.0	90.2	90.7	93.0	93.0	93.0	93.0	93.0	93.0
≥ 200	66.4	76.9	80.0	82.2	87.4	87.7	89.9	90.7	90.8	91.8	94.8	94.8	94.8	94.8	95.5	95.5
≥ 100	66.7	77.2	80.4	82.5	87.9	88.2	90.3	91.2	91.3	92.7	96.0	96.0	96.2	96.2	97.2	98.0
0	66.7	77.2	80.4	82.5	87.9	88.2	90.3	91.2	91.3	92.7	96.2	96.2	96.3	96.3	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]120 CAPE ROMANZOF AFS AK 73-81 AUG
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0			
[illegible]	15.1	15.3	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.7	
[illegible]	16.4	16.6	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	
[illegible]	17.2	17.4	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.9	
[illegible]	17.3	17.5	17.6	17.6	17.7	17.7	17.7	17.8	17.8	17.8	17.9	17.9	18.0	18.0	18.0	18.0	
[illegible]	17.4	17.6	17.7	17.7	17.8	17.8	17.8	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.1	18.1	
[illegible]	17.6	17.8	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.2	18.3	18.3	18.3	
[illegible]	18.3	18.5	18.6	18.6	18.7	18.7	18.7	18.8	18.9	18.8	18.9	18.9	19.0	19.0	19.0	19.0	
[illegible]	19.1	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.7	19.7	19.7	19.8	19.8	19.8	
[illegible]	19.7	19.9	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	
[illegible]	21.8	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.5	22.6	22.6	22.6	22.7	22.7	22.7	
[illegible]	22.4	22.8	22.9	23.0	23.0	23.0	23.1	23.1	23.1	23.2	23.3	23.3	23.3	23.4	23.4	23.4	
[illegible]	23.3	23.7	23.8	23.9	24.0	24.0	24.1	24.1	24.1	24.2	24.3	24.3	24.3	24.4	24.4	24.4	
[illegible]	23.8	24.3	24.4	24.5	24.5	24.6	24.7	24.7	24.7	24.8	24.9	24.9	24.9	25.0	25.0	25.0	
[illegible]	27.5	28.0	28.2	28.3	28.3	28.3	28.4	28.5	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.8	
[illegible]	29.7	30.6	30.7	30.9	30.9	30.9	31.0	31.1	31.1	31.2	31.3	31.3	31.3	31.3	31.4	31.4	
[illegible]	31.7	33.1	33.3	33.5	33.6	33.6	33.8	33.8	33.8	33.9	34.0	34.0	34.1	34.1	34.1	34.1	
[illegible]	34.9	36.6	36.9	37.1	37.2	37.2	37.5	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.8	
[illegible]	38.6	40.4	40.7	41.0	41.2	41.2	41.6	41.6	41.6	41.7	41.8	41.8	41.8	41.9	41.9	41.9	
[illegible]	39.4	41.3	41.6	41.9	42.2	42.2	42.5	42.6	42.6	42.7	42.8	42.8	42.8	42.9	42.9	42.9	
[illegible]	43.4	45.8	46.2	46.6	46.8	46.9	47.3	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	
[illegible]	49.6	52.9	53.5	54.2	54.5	54.7	55.2	55.3	55.3	55.5	55.5	55.5	55.6	55.6	55.6	55.6	
[illegible]	53.1	57.1	57.9	58.8	59.5	59.6	60.2	60.3	60.3	60.5	60.6	60.6	60.7	60.7	60.7	60.7	
[illegible]	55.4	59.9	60.8	61.8	62.5	62.6	63.4	63.5	63.5	63.8	63.9	63.9	63.9	64.0	64.0	64.0	
[illegible]	56.7	61.9	62.8	63.8	64.5	64.7	65.6	65.7	65.7	65.9	66.1	66.1	66.1	66.1	66.1	66.2	
[illegible]	58.2	63.8	64.8	65.8	66.9	67.1	68.0	68.2	68.2	68.6	68.7	69.7	68.7	68.7	68.8	68.8	
[illegible]	61.0	67.4	68.6	69.9	71.3	71.5	72.4	72.7	72.7	73.1	73.2	73.2	73.2	73.3	73.3	73.3	
[illegible]	64.0	71.7	73.6	75.1	76.7	76.9	78.2	78.5	78.5	79.0	79.2	79.2	79.3	79.3	79.4	79.4	
[illegible]	66.5	75.7	78.2	80.3	82.7	83.0	84.7	85.4	85.5	86.1	86.9	86.9	87.0	87.0	87.1	87.2	
[illegible]	67.3	77.0	79.7	82.0	85.0	85.3	87.0	88.2	88.4	89.2	90.3	90.3	90.4	90.5	90.6	90.7	
[illegible]	67.8	77.8	80.7	83.1	86.5	86.9	89.2	90.3	90.5	91.6	93.4	93.4	93.5	93.6	93.9	94.1	
[illegible]	67.9	78.3	81.2	83.7	87.3	87.7	90.4	91.7	92.2	93.7	96.1	96.2	96.5	96.7	97.1	97.5	
[illegible]	68.0	78.3	81.3	83.8	87.3	87.8	90.5	91.8	92.2	93.9	96.9	96.9	97.7	97.9	98.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 5715

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 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-2200 (LST)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0			
UNLIMITED	23.9	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
≥ 20000	24.6	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 18000	25.2	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
≥ 6000	26.1	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
≥ 4000	26.1	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
≥ 3000	26.2	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
≥ 2000	26.2	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
≥ 1800	26.2	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
≥ 1500	26.7	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
≥ 1200	28.8	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
≥ 1000	30.9	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
≥ 800	31.8	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
≥ 600	33.5	34.5	34.6	34.6	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 500	35.0	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
≥ 400	37.0	38.0	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 300	41.1	41.1	41.2	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
≥ 200	43.1	44.9	45.0	45.0	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 150	47.2	49.5	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 100	52.4	55.4	55.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 80	54.7	58.0	58.5	58.5	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 50	60.3	64.1	64.6	64.6	65.0	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 30	63.3	68.2	69.0	69.0	69.5	69.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 20	66.0	72.5	73.4	73.4	74.1	74.1	74.8	75.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 10	66.9	73.8	74.8	74.8	75.7	75.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 5	69.1	76.3	77.3	77.4	78.9	78.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2	70.3	77.8	78.9	79.2	80.9	80.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
0	71.7	80.3	82.0	82.4	84.4	84.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 500	73.2	83.0	85.2	85.7	88.6	88.6	89.8	90.0	90.0	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 400	75.2	86.1	88.7	89.2	92.9	92.9	94.0	94.3	94.3	94.8	95.3	95.3	95.3	95.3	95.3	95.3
≥ 300	75.4	86.4	89.1	89.6	93.5	93.5	94.8	95.1	95.1	95.6	96.1	96.2	96.2	96.2	96.2	96.2
≥ 200	75.4	86.4	89.1	89.8	93.6	93.6	94.9	95.2	95.2	96.4	97.1	97.3	97.3	97.3	97.5	97.8
≥ 100	75.4	86.6	89.4	90.0	93.9	93.9	95.2	95.5	95.6	97.3	98.3	98.4	98.8	98.8	99.1	99.9
≥ 0	75.4	86.6	89.4	90.0	93.9	93.9	95.2	95.5	95.6	97.4	98.4	98.6	99.0	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 771

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 STATION — CAPE ROMANZOF AFS AK STATION NAME — 73-81 YEARS — SEP MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

CEILING (FEET)	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
≥ 30000	20.0	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
≥ 20000	20.8	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 12000	21.1	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
≥ 10000	21.8	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 8000	22.3	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 7000	22.6	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
≥ 6000	22.6	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥ 5000	23.0	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
≥ 4500	25.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 4000	27.1	28.3	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
≥ 3500	28.3	29.6	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3000	30.6	31.8	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 2500	32.1	33.6	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
≥ 2000	34.5	36.1	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 1800	36.8	38.6	38.8	38.8	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
≥ 1600	37.8	42.1	42.3	42.6	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
≥ 1400	43.1	45.7	46.1	46.3	46.6	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
≥ 1200	48.6	51.9	52.4	52.7	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 1000	51.7	55.7	56.3	56.6	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 900	56.3	61.4	62.4	62.7	63.3	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 800	63.2	68.8	69.9	70.2	70.9	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 700	65.5	72.5	73.8	74.3	75.2	75.2	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 600	67.0	74.0	75.9	76.4	77.4	77.4	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 500	68.5	75.9	78.3	78.8	80.3	80.3	80.9	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3
≥ 400	69.7	77.5	80.3	81.0	82.8	82.8	83.4	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8
≥ 300	71.5	79.5	83.7	84.0	86.0	86.0	86.6	86.9	86.9	87.3	87.4	87.4	87.4	87.4	87.4
≥ 200	72.0	82.3	86.8	87.8	90.1	90.1	90.8	91.1	91.1	91.8	91.9	91.9	91.9	91.9	91.9
≥ 100	72.5	83.5	88.1	89.4	92.5	92.5	93.3	93.8	93.8	94.6	94.8	94.8	94.8	94.8	94.8
≥ 50	72.8	84.3	89.0	90.4	93.5	93.6	94.4	94.9	94.9	95.9	96.1	96.1	96.3	96.3	96.4
≥ 0	72.9	84.4	89.3	90.8	94.0	94.1	94.9	95.5	95.6	96.8	97.0	97.0	97.3	97.3	97.6
UNL	73.0	84.5	89.4	91.0	94.3	94.4	95.1	95.8	95.9	97.6	98.0	98.0	98.9	98.9	99.3
TOTAL	73.0	84.5	89.4	91.0	94.3	94.4	95.1	95.8	95.9	97.8	98.1	98.1	99.0	99.0	99.4

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1633-2033
HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥5/8	≥½	≥¼
CEILING	13.0	13.2	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥20000	13.3	14.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥ 8000	14.3	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.6	15.6	15.6
≥ 5000	14.6	15.6	15.8	15.8	15.8	15.8	15.8	15.8	15.8	16.0	16.0	16.0	16.0	16.0	16.0
≥ 4500	14.7	15.7	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1
≥ 3000	15.2	16.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7
≥ 2500	15.5	16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1
≥ 2000	15.8	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.5	17.5	17.5	17.5	17.5	17.5
≥ 1800	17.5	18.7	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1
≥ 1500	19.3	20.4	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9
≥ 1000	20.1	21.6	21.8	21.8	21.9	21.9	21.9	21.9	21.9	22.1	22.1	22.1	22.1	22.1	22.1
≥ 900	22.9	24.6	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.1	25.1	25.1	25.1	25.1	25.1
≥ 800	25.1	26.9	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6
≥ 700	28.2	30.2	30.8	30.8	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.2	31.2	31.2
≥ 600	31.2	33.3	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.2	34.2	34.2	34.3	34.3	34.3
≥ 500	33.9	36.2	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.2	37.2	37.2	37.3	37.3	37.3
≥ 400	38.7	41.3	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.3	42.3	42.3	42.4	42.4	42.4
≥ 300	44.3	46.9	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.3	48.3	48.3
≥ 250	46.0	48.8	49.5	49.6	49.9	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.1
≥ 200	52.0	56.1	57.1	57.2	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.7	57.7	57.7
≥ 150	61.1	66.3	67.6	67.7	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.2	68.2	68.2
≥ 100	66.6	72.7	74.1	74.2	74.7	74.7	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1
≥ 90	68.6	75.2	76.8	77.2	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	78.1	78.1	78.1
≥ 80	69.7	77.1	78.7	79.2	79.7	79.7	79.7	79.9	79.9	80.4	80.4	80.4	80.5	80.5	80.5
≥ 70	70.6	78.3	79.9	80.5	81.2	81.2	81.2	81.4	81.4	81.9	81.9	81.9	82.0	82.0	82.0
≥ 60	72.8	81.8	83.8	84.4	85.3	85.3	85.3	85.5	85.5	86.2	86.2	86.2	86.4	86.4	86.4
≥ 50	74.4	83.9	86.3	87.5	88.7	88.7	88.9	89.2	89.2	89.8	89.8	89.8	90.0	90.0	90.0
≥ 40	75.4	86.0	88.9	90.4	91.8	91.9	92.1	92.6	92.6	93.3	93.3	93.3	93.5	93.5	93.5
≥ 30	75.4	86.3	89.5	91.0	92.5	92.6	93.1	93.9	93.9	94.6	95.0	95.0	95.3	95.3	95.3
≥ 20	75.4	86.8	90.3	91.9	93.5	93.6	94.1	94.9	94.9	96.1	96.8	96.8	97.0	97.0	97.0
≥ 10	75.6	87.0	90.5	92.1	94.1	94.3	95.1	96.0	96.0	97.8	98.6	98.6	99.3	99.3	99.3
0	75.6	87.0	90.5	92.1	94.1	94.3	95.1	96.0	96.0	97.8	98.8	98.8	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
NO CEILING	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
≥ 25000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 18000	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 14000	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
≥ 12000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
≥ 10000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
≥ 9000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
≥ 8000	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
≥ 7000	20.3	20.4	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
≥ 6000	22.9	23.2	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
≥ 5000	24.5	24.8	25.1	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 4500	26.0	26.3	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
≥ 4000	27.1	27.4	27.9	28.0	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 3500	31.0	31.4	31.9	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
≥ 3000	33.1	33.5	34.0	34.1	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
≥ 2500	35.4	36.1	36.7	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 2000	40.2	41.2	41.8	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 1800	46.3	47.8	48.4	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
≥ 1600	47.2	48.7	49.3	49.4	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
≥ 1400	55.9	57.8	58.5	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
≥ 1200	62.8	65.4	66.1	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 1000	70.0	73.8	74.7	74.8	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 900	73.0	77.1	78.0	78.1	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 800	74.6	79.2	80.2	80.3	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 700	75.1	79.8	80.8	81.1	81.7	81.8	81.9	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 600	76.8	82.4	83.8	84.2	84.9	85.1	85.6	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 500	78.5	84.7	86.3	86.8	87.7	87.8	88.4	88.4	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 400	79.8	87.3	89.5	90.2	91.2	91.3	91.9	92.2	92.3	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	80.1	88.0	90.5	91.2	92.5	92.7	93.5	93.8	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.8
≥ 200	80.6	88.7	91.4	92.4	94.4	94.8	95.8	96.0	96.1	96.9	97.1	97.1	97.3	97.3	97.3	97.3
≥ 100	80.6	88.8	91.5	92.5	94.6	95.1	96.1	96.5	96.9	97.6	98.3	98.3	98.5	98.5	98.8	99.0
0	80.6	88.8	91.5	92.5	94.6	95.1	96.1	96.5	96.9	97.6	98.3	98.3	98.6	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] CAPE ROMANZOF AFS AK 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥1	≥1	≥1	≥1	≥1	≥5/8	≥1/2	≥0
[illegible]	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
20000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
18000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
[illegible]	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
2 400	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
2000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
[illegible]	17.1	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
[illegible]	17.5	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
[illegible]	20.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
[illegible]	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
6000	23.4	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
5000	25.7	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
4500	26.7	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
4000	29.9	30.4	30.4	30.4	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
[illegible]	31.5	32.1	32.1	32.1	32.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
[illegible]	34.3	35.2	35.2	35.4	35.5	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
[illegible]	40.0	41.0	41.0	41.3	41.6	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
[illegible]	46.5	47.8	47.8	48.1	48.6	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
[illegible]	47.7	49.0	49.0	49.2	49.7	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
[illegible]	54.9	56.5	56.5	56.8	57.3	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
[illegible]	61.9	64.7	65.2	65.5	66.0	66.2	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
[illegible]	70.3	73.8	74.8	75.7	76.2	76.5	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0
[illegible]	73.3	77.6	78.6	79.5	80.1	80.3	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
[illegible]	74.8	79.7	80.7	81.6	82.1	82.4	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9
[illegible]	75.8	80.8	82.0	82.9	83.5	83.8	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
[illegible]	78.6	84.5	85.8	86.6	88.0	88.2	88.6	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0
[illegible]	80.6	87.0	88.2	89.6	91.0	91.3	91.7	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2
[illegible]	82.4	89.3	90.8	92.2	93.9	94.1	94.6	94.9	95.0	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	82.7	89.8	91.3	92.7	94.4	94.6	95.1	95.5	95.7	96.2	96.2	96.2	96.2	96.2	96.2
[illegible]	83.0	90.3	91.8	93.2	95.0	95.3	95.9	96.4	96.5	97.1	97.3	97.3	97.3	97.3	97.3
[illegible]	83.2	90.5	92.1	93.6	95.5	95.8	96.7	97.3	97.6	98.5	99.0	99.0	99.1	99.1	99.5	99.7
[illegible]	83.2	90.5	92.1	93.6	95.5	95.8	96.7	97.3	97.6	98.5	99.0	99.0	99.1	99.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOUR

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 3/4	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥5/16	≥0	
	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
	23.2	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
	24.9	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
	26.6	27.0	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
	28.6	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
	30.6	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
	31.2	32.0	32.0	32.0	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	34.6	34.6	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
	38.2	39.2	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
	44.9	46.2	46.5	46.6	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
	46.1	47.6	47.9	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	52.9	55.5	55.8	55.9	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
	61.1	64.8	65.2	65.4	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	67.8	72.7	73.7	74.0	74.8	75.0	75.4	75.7	75.7	75.8	76.0	76.0	76.0	76.0	76.0	76.0
	71.0	76.5	78.0	78.3	79.4	79.5	80.1	80.5	80.5	80.7	80.8	80.8	80.8	80.8	80.8	80.8
	72.1	77.8	79.4	79.7	81.1	81.4	82.0	82.5	82.5	82.8	83.0	83.0	83.0	83.0	83.0	83.0
	73.1	79.5	81.4	81.7	83.1	83.4	84.0	84.5	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1
	75.0	82.4	84.7	85.3	86.7	87.0	87.7	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8
	77.0	84.8	87.4	88.1	90.4	90.7	91.7	92.3	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0
	78.1	86.6	89.7	90.8	93.1	93.6	95.0	95.6	95.7	96.0	96.3	96.3	96.3	96.3	96.3	96.3
	78.7	87.4	90.6	91.7	94.3	94.7	96.3	97.0	97.3	97.6	98.0	98.0	98.0	98.0	98.1	98.1
	78.8	87.6	90.7	91.8	94.7	95.3	96.9	97.6	97.9	98.1	98.9	98.9	98.9	98.9	99.0	99.0
	78.8	87.6	90.7	91.8	94.7	95.3	96.9	97.7	98.0	98.7	99.4	99.4	99.4	99.4	99.7	99.7
	78.8	87.6	90.7	91.8	94.7	95.3	96.9	97.7	98.0	98.7	99.4	99.4	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 699

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-61 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18Z-20Z (HOUR)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
≥ UNLTD	13.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
≥ 20000	15.4	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 10000	15.4	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 6000	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
≥ 4000	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 3000	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
≥ 2200	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
≥ 2000	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
≥ 1800	20.4	21.2	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
≥ 1500	24.5	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 1000	25.5	26.3	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
≥ 800	28.3	29.8	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
≥ 600	26.8	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 400	30.9	31.9	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
≥ 300	32.9	34.2	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
≥ 200	36.0	37.5	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.7	38.7	38.7	38.7	38.7	38.7	36.7
≥ 150	39.7	41.6	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.8	42.8	42.8	42.8	42.8	42.8
≥ 100	47.1	49.6	50.4	50.6	51.0	51.0	51.0	51.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 80	49.0	51.8	52.5	52.7	53.1	53.1	53.1	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 60	57.0	60.3	61.3	61.5	61.9	61.9	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
≥ 40	63.6	67.9	68.9	69.1	69.6	69.6	70.2	70.2	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 30	70.6	75.9	77.0	77.4	78.4	78.4	79.0	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20	73.0	79.6	81.3	81.7	82.7	82.7	83.3	83.3	83.3	83.7	84.2	84.2	84.2	84.2	84.2	84.2
≥ 15	73.3	80.2	82.3	82.9	83.9	83.9	84.6	84.6	84.6	85.2	85.6	85.6	85.6	85.6	85.6	85.6
≥ 10	73.3	80.7	83.1	83.7	84.6	84.6	85.4	85.4	85.4	85.8	86.4	86.4	86.4	86.4	86.4	86.4
≥ 0	73.9	81.9	84.2	85.0	86.0	86.0	87.7	87.7	87.7	88.1	88.7	88.7	88.7	88.7	88.7	86.7
≥ 5	75.1	83.3	85.8	86.8	88.3	88.3	90.3	90.3	90.3	90.7	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4	76.3	84.8	87.5	89.1	90.9	90.9	93.2	93.8	93.8	94.2	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3	76.3	85.0	87.9	89.7	92.2	92.2	94.7	95.7	95.7	96.7	97.9	97.9	98.2	98.2	98.2	98.2
≥ 2	76.3	85.2	88.1	89.9	92.4	92.4	95.1	96.1	96.1	97.1	98.2	98.2	98.6	98.6	98.6	98.6
≥ 1	76.3	85.4	88.3	90.3	92.8	92.8	95.5	96.5	96.5	97.5	99.0	99.0	99.4	99.6	99.6	99.6
0	76.3	85.4	88.3	90.3	92.8	92.8	95.5	96.5	96.5	97.5	99.2	99.2	99.6	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 514

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72120 CAPE ROMANZOF AFS AK 74-81 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

2100-2300

CEILING VERSUS VISIBILITY

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	23.9	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
20000	24.6	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
10000	24.6	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
9000	26.1	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
8000	26.1	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
7000	26.1	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
6000	26.3	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
5000	26.4	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
4500	28.6	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
4000	31.0	32.2	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
3500	32.5	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
3000	34.7	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
2500	36.0	37.4	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
2000	36.9	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
1500	39.2	41.1	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	41.2
1000	40.9	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1
900	42.9	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6
800	48.5	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
700	50.7	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
600	57.4	61.6	62.1	62.1	62.1	62.1	62.5	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
500	62.3	68.2	69.2	69.5	69.9	69.9	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5
400	65.3	73.6	74.9	75.3	76.1	76.1	77.1	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
300	66.8	75.3	76.8	77.1	78.1	78.1	79.1	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6
200	68.2	77.1	79.0	79.3	80.5	80.5	81.6	82.0	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3
150	68.7	78.1	80.1	80.5	81.6	81.6	83.0	83.3	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8
100	69.5	81.0	83.7	84.5	86.9	86.9	88.4	88.7	88.7	89.1	89.2	89.2	89.2	89.2	89.2	89.2
050	69.7	81.5	85.4	86.7	89.6	89.6	91.1	91.4	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9
040	71.5	84.0	88.4	89.7	92.9	92.9	94.4	95.5	95.5	95.8	96.8	96.8	96.8	97.0	97.0	97.0
030	72.1	84.5	89.1	90.4	94.1	94.1	96.1	97.1	97.1	97.6	98.7	98.7	98.7	98.6	98.8	98.8
020	72.4	84.8	89.4	90.7	94.4	94.4	96.5	97.5	97.5	98.1	99.2	99.2	99.3	99.5	99.5	99.5
010	72.4	84.8	89.4	90.7	94.4	94.4	96.5	97.5	97.5	98.3	99.7	99.7	99.8	100.0	100.0	100.0
000	72.4	84.8	89.4	90.7	94.4	94.4	96.5	97.5	97.5	98.3	99.7	99.7	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]20 CAPE ROMANZOF AFS AK 73-61 SEP
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOUR

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
[illegible]	16.3	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
[illegible]	17.9	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
[illegible]	18.4	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
[illegible]	19.1	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
[illegible]	19.2	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
[illegible]	19.4	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
[illegible]	19.9	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4
[illegible]	20.4	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
[illegible]	22.6	23.3	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
[illegible]	24.3	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
[illegible]	26.2	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3
[illegible]	28.3	29.2	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
[illegible]	29.8	30.7	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
[illegible]	32.3	33.4	33.7	33.7	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
[illegible]	34.4	35.7	36.0	36.0	36.1	36.1	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
[illegible]	37.1	38.7	39.1	39.2	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5
[illegible]	41.7	43.2	43.6	43.7	43.9	43.9	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1
[illegible]	47.3	49.7	50.1	50.3	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
[illegible]	49.1	51.7	52.2	52.3	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8
[illegible]	55.8	59.1	59.7	59.8	60.2	60.2	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
[illegible]	62.4	66.7	67.6	67.7	68.2	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7
[illegible]	67.7	73.3	74.4	74.8	75.4	75.5	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2
[illegible]	69.9	76.0	77.4	77.7	78.5	78.6	79.0	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4
[illegible]	71.3	77.8	79.4	79.8	80.8	80.9	81.4	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9
[illegible]	72.1	79.0	80.7	81.2	82.3	82.4	83.0	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5
[illegible]	73.7	81.7	83.9	84.5	86.0	86.1	86.8	87.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5
[illegible]	75.2	83.9	86.5	87.4	89.3	89.4	90.3	90.5	90.6	91.0	91.1	91.1	91.2	91.2	91.2
[illegible]	76.6	86.1	89.0	90.2	92.4	92.5	93.5	94.0	94.1	94.6	94.9	94.9	94.9	94.9	94.9
[illegible]	76.8	86.6	89.7	90.9	93.4	93.5	94.7	95.3	95.3	96.0	96.4	96.4	96.5	96.5	96.6
[illegible]	77.0	86.9	90.1	91.4	94.1	94.3	95.5	96.1	96.2	97.0	97.6	97.6	97.8	97.8	97.9
[illegible]	77.1	87.0	90.3	91.6	94.4	94.6	95.9	96.5	96.7	97.9	98.7	98.8	99.1	99.2	99.4
[illegible]	77.1	87.0	90.3	91.6	94.4	94.6	95.9	96.5	96.7	97.9	98.8	98.8	99.2	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 5766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300

VISIBILITY STATUTE MILES

CEILING	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	0
	24.1	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.8	24.8	24.8	24.8	24.8	24.8	24.8
	25.5	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.2	26.2	26.2
	25.8	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6
	26.0	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7
	26.1	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8
	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1
	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	27.1	27.1	27.1	27.1	27.1	27.1	27.1
	26.5	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.2	27.2	27.2	27.2	27.2	27.2	27.2
	28.3	28.6	28.8	28.8	28.8	28.8	28.9	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1
	31.2	31.3	31.4	31.4	31.4	31.4	31.6	31.6	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9
	31.8	32.6	32.8	32.8	32.8	32.8	32.9	32.9	32.9	33.1	33.3	33.3	33.3	33.3	33.3	33.3
	35.0	35.8	36.3	36.4	36.7	36.7	36.8	36.8	36.8	37.0	37.1	37.3	37.3	37.3	37.3	37.3
	37.3	38.5	39.0	39.1	39.3	39.3	39.4	39.4	39.4	39.7	39.8	39.9	40.0	40.0	40.0	40.1
	39.9	41.1	41.6	41.7	42.0	42.0	42.1	42.1	42.1	42.4	42.5	42.7	42.8	42.8	42.8	42.9
	42.2	43.8	44.3	44.4	44.7	44.7	44.8	44.8	44.8	45.0	45.1	45.4	45.5	45.5	45.5	45.5
	47.1	49.5	50.0	50.1	51.0	51.0	51.1	51.2	51.2	51.6	51.7	51.9	52.1	52.1	52.1	52.1
	53.5	56.8	57.5	57.8	58.7	58.7	58.9	59.0	59.1	59.3	59.5	59.7	59.8	59.8	59.8	59.8
	57.0	61.0	61.9	62.3	63.3	63.5	63.6	63.8	64.0	64.8	64.9	65.2	65.3	65.3	65.3	65.3
	58.5	62.9	64.0	64.3	65.5	65.7	65.8	66.0	66.1	67.0	67.1	67.4	67.7	67.7	67.7	67.7
	61.7	66.7	68.1	68.6	69.8	69.9	70.3	70.5	70.6	71.7	71.8	72.1	72.5	72.5	72.5	72.5
	64.8	70.3	71.6	72.5	73.8	74.0	74.6	75.0	75.1	76.2	76.5	76.7	77.2	77.2	77.2	77.2
	65.9	72.0	73.9	75.0	76.6	76.8	77.4	77.8	77.9	79.0	79.2	79.5	80.0	80.0	80.0	80.0
	66.1	72.3	74.5	75.6	77.3	77.5	78.3	78.6	78.8	79.9	80.3	80.6	81.1	81.1	81.1	81.1
	67.2	73.9	76.3	77.4	79.1	79.4	80.3	80.9	81.1	82.3	82.8	83.3	83.5	83.5	83.5	83.5
	67.7	74.4	76.8	78.0	80.1	80.3	81.3	82.5	82.6	84.2	85.0	85.2	85.7	85.7	85.7	85.7
	68.3	75.4	77.8	79.4	81.7	81.9	83.7	85.1	85.2	87.0	87.9	88.1	88.6	88.6	88.6	88.6
	68.7	76.3	78.6	80.6	83.6	83.9	85.7	87.1	87.3	89.2	90.0	90.3	90.8	90.8	91.3	91.3
	69.4	76.9	79.7	81.7	85.3	85.6	87.5	89.1	89.2	91.7	93.3	93.6	94.3	94.3	94.9	95.0
	69.4	76.9	79.7	81.7	85.6	85.8	87.7	89.3	89.4	92.5	94.3	94.5	95.9	95.9	96.5	96.6
	69.4	76.9	79.7	81.7	85.6	85.8	87.9	89.4	89.6	93.0	94.8	95.0	96.5	96.5	97.6	97.7
	69.4	76.9	79.7	81.7	85.6	85.8	87.9	89.4	89.6	93.0	95.1	95.4	97.0	97.0	98.4	98.9
	69.4	76.9	79.7	81.7	85.7	85.9	88.0	89.6	89.7	93.1	95.3	95.5	97.1	97.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2120 CAPE ROMANZOF AFS AK 73-81 26?
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY STATUTE MILES

CEILING FEET	10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	½	¼	0
12000	26.4	27.0	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
10000	27.8	28.4	28.8	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
8000	28.3	28.9	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
6000	28.6	29.2	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
5000	28.6	29.2	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
4500	28.6	29.2	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
4000	28.8	29.4	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
3500	29.0	29.6	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
3000	30.2	30.8	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
2500	32.4	33.0	33.3	33.5	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2000	33.2	34.2	34.5	34.6	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
1800	35.5	36.9	37.4	37.8	38.1	38.1	38.2	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5
1600	38.1	40.0	40.5	41.0	41.3	41.3	41.5	41.6	41.6	41.7	41.8	41.8	41.8	41.8	41.8	41.8
1400	40.4	42.8	43.2	43.7	44.1	44.1	44.2	44.3	44.3	44.6	44.7	44.7	44.7	44.7	44.7	44.7
1200	43.1	45.5	46.0	46.5	46.8	46.8	47.0	47.1	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4
1000	47.4	50.4	50.9	51.4	51.7	51.7	51.9	52.0	52.0	52.4	52.6	52.6	52.6	52.6	52.6	52.6
900	51.4	55.6	56.2	56.6	57.2	57.2	57.3	57.5	57.5	57.9	58.4	58.4	58.4	58.4	58.4	58.4
800	55.3	60.7	61.4	61.9	63.3	63.4	63.6	63.7	63.7	64.3	64.8	64.8	64.9	64.9	64.9	64.9
700	59.9	62.0	62.7	63.3	64.8	64.9	65.1	65.2	65.2	65.8	66.3	66.3	66.4	66.4	66.4	66.4
600	61.5	66.3	67.5	68.2	72.1	72.3	72.5	72.6	72.6	73.2	73.7	73.8	74.0	74.0	74.0	74.0
500	63.8	70.4	71.9	72.6	75.1	75.3	75.6	75.9	75.9	76.6	77.1	77.2	77.4	77.4	77.4	77.4
400	64.2	71.3	73.1	74.1	76.7	76.8	77.2	77.5	77.5	78.4	78.9	79.2	79.2	79.2	79.2	79.2
300	64.9	72.0	74.0	75.1	77.8	77.9	78.5	78.9	78.9	79.7	80.3	80.4	80.6	80.6	80.6	80.6
200	66.1	73.4	75.6	76.9	79.7	79.8	80.5	80.9	80.9	81.8	82.4	82.6	82.8	82.8	82.8	82.8
150	66.5	74.1	76.9	78.3	81.4	81.5	82.3	82.7	82.7	83.8	84.3	84.5	84.7	84.7	84.7	84.7
100	67.3	74.9	78.1	79.7	83.2	83.3	84.3	85.1	85.1	86.3	87.1	87.2	87.5	87.5	87.5	87.5
50	67.4	75.9	79.3	81.4	85.4	85.5	86.6	87.5	87.5	89.4	90.2	90.3	91.2	91.2	91.4	91.4
40	67.5	76.2	79.7	81.7	86.1	86.3	87.7	88.8	89.0	91.0	92.7	92.8	93.9	93.9	94.1	94.1
30	67.6	76.3	79.9	82.0	86.6	86.7	88.4	89.6	90.2	92.5	94.4	94.5	95.9	95.9	96.2	96.2
20	67.6	76.3	79.9	82.0	86.6	86.7	88.4	89.6	90.3	92.8	95.1	95.2	96.8	96.9	97.4	97.4
10	67.6	76.3	79.9	82.0	86.6	86.7	88.4	89.6	90.3	93.0	95.3	95.5	97.0	97.1	98.0	98.4
0	67.6	76.3	79.9	82.0	86.6	86.7	88.4	89.6	90.3	93.0	95.3	95.5	97.1	97.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 837

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 OCT

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

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/8	≥½	≥¼	≥0
≥22000	20.3	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥20000	21.6	21.7	21.7	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥18000	22.1	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
≥16000	22.5	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
≥14000	22.7	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥12000	23.3	23.4	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
≥11000	23.5	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥10000	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥9000	26.0	26.2	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
≥8000	28.4	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
≥7000	28.8	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥6000	31.2	31.5	31.7	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
≥5000	32.6	33.1	33.2	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥4500	34.3	34.9	35.0	35.1	35.2	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5
≥4000	35.8	36.7	36.8	36.9	37.3	37.4	37.4	37.4	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5
≥3500	41.5	43.0	43.2	43.4	43.7	43.8	43.8	43.8	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1
≥3000	46.4	48.3	48.5	48.6	49.0	49.1	49.1	49.5	49.5	49.5	49.7	49.8	49.8	49.8	49.8	49.8
≥2500	53.4	56.4	56.8	57.1	57.6	57.9	58.4	58.8	58.8	58.8	59.0	59.3	59.3	59.3	59.3	59.3
≥2000	54.4	57.6	58.1	58.4	59.0	59.4	59.9	60.3	60.3	60.3	60.6	60.8	60.8	60.8	60.8	60.8
≥1800	61.3	65.7	66.2	66.7	67.5	68.0	68.5	68.9	68.9	68.9	69.4	69.8	69.8	69.9	70.0	70.0
≥1600	64.6	69.4	70.5	71.0	72.3	72.8	73.4	74.1	74.1	74.1	74.6	74.9	74.9	75.0	75.1	75.1
≥1400	67.3	72.8	74.0	74.9	76.5	76.9	77.8	78.5	78.5	78.5	79.1	79.5	79.5	79.6	79.7	79.7
≥1200	68.3	74.1	75.3	76.3	77.9	78.4	79.3	80.0	80.0	80.0	80.6	81.0	81.0	81.1	81.2	81.2
≥1000	68.9	74.9	76.2	77.3	79.2	79.7	80.8	81.7	81.7	81.7	82.7	83.0	83.0	83.2	83.3	83.3
≥900	69.1	75.5	77.2	78.4	80.5	81.0	82.2	83.5	83.5	83.5	84.7	85.1	85.1	85.2	85.3	85.3
≥800	69.5	76.6	78.4	79.9	82.4	82.9	84.2	85.9	86.0	86.0	87.6	87.9	87.9	88.2	88.3	88.3
≥700	70.4	77.7	79.7	81.4	84.7	85.2	86.6	88.3	88.4	88.4	90.6	90.9	90.9	91.3	91.4	91.4
≥600	70.7	78.5	80.5	82.2	85.7	86.1	87.9	89.8	90.2	90.2	92.6	93.1	93.1	93.5	93.7	93.7
≥500	70.7	78.5	80.5	82.2	85.7	86.1	87.9	89.8	90.3	90.3	92.7	93.9	93.9	94.7	94.9	95.0
≥400	70.7	78.5	80.5	82.2	85.8	86.3	88.1	90.2	90.9	90.9	93.3	94.9	94.9	95.8	95.9	96.2
≥300	70.7	78.5	80.5	82.2	85.8	86.3	88.1	90.2	91.0	91.0	93.5	95.6	95.6	96.8	97.1	98.0
≥200	70.7	78.5	80.5	82.2	85.8	86.3	88.1	90.2	91.0	91.0	93.5	95.8	95.8	97.1	97.5	98.7
≥100																100.0

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.2120 CAPE ROMANZOF AFS AK 73-81 25I

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0940-1130

VISIBILITY STATUTE MILES

CEILING FEET	27	26	25	24	23	22	22	2	2 .	21	1 .	1 .	1	23 6	1 .	20
	17.4	18.0	18.0	18.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
	18.5	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
	19.6	20.2	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
	19.8	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
	20.2	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
	20.4	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
	21.3	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
	21.6	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
	24.9	25.4	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
	28.0	28.8	28.9	28.9	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
	29.4	29.4	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
	30.8	31.8	31.9	31.9	32.1	32.1	32.1	32.1	32.1	32.3	32.3	32.3	32.4	32.4	32.4	32.4
	31.8	32.7	32.9	32.9	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.3	33.3	33.3
	34.1	35.2	35.4	35.4	35.6	35.6	35.6	35.7	35.7	35.8	36.0	36.1	36.1	36.1	36.1	36.1
	35.2	36.4	36.6	36.6	37.0	37.0	37.0	37.2	37.2	37.3	37.4	37.4	37.5	37.5	37.5	37.6
	40.3	41.9	42.1	42.1	42.5	42.5	42.5	42.7	42.7	42.8	42.9	42.9	43.0	43.0	43.0	43.1
	46.4	48.4	48.6	48.6	49.1	49.1	49.1	49.3	49.3	49.6	49.7	49.7	49.9	49.9	49.9	50.1
	52.3	54.8	55.2	55.3	55.8	55.8	56.2	56.4	56.4	56.6	56.8	56.8	57.1	57.1	57.1	57.2
	54.6	57.2	57.6	57.7	58.2	58.2	58.5	58.8	58.8	59.0	59.3	59.3	59.6	59.6	59.6	59.7
	62.6	64.0	64.5	64.6	65.1	65.1	65.6	65.8	65.8	66.5	67.4	67.4	67.7	67.9	67.9	68.1
	66.2	70.7	71.6	71.9	72.5	72.6	73.2	73.5	73.5	74.2	75.0	75.0	75.4	75.5	75.6	76.0
	70.3	75.7	76.8	77.3	78.0	78.1	78.9	79.1	79.1	79.8	80.8	80.8	81.1	81.2	81.4	81.7
	70.8	77.1	78.3	79.0	79.8	79.9	80.6	80.9	80.9	81.6	82.6	82.6	82.9	83.0	83.2	83.5
	71.4	77.9	79.3	80.4	81.4	81.5	82.2	82.4	82.4	83.2	84.1	84.1	84.5	84.6	84.7	85.1
	71.7	78.6	80.0	81.1	82.1	82.2	82.9	83.2	83.2	84.0	84.9	84.9	85.3	85.4	85.5	85.9
	72.3	79.6	81.0	82.3	83.5	83.8	84.5	84.8	84.8	85.8	86.7	86.7	87.1	87.2	87.3	87.7
	72.8	80.9	82.6	84.0	85.4	85.7	86.9	87.3	87.3	88.5	89.5	89.5	90.1	90.2	90.3	90.7
	72.9	81.2	83.3	84.8	86.6	86.9	88.6	89.1	89.2	90.4	91.5	91.5	92.1	92.2	92.4	92.7
	72.9	81.2	83.3	84.9	87.0	87.2	89.0	89.8	90.0	91.4	93.1	93.1	93.9	94.0	94.1	94.6
	73.0	81.6	83.6	85.4	87.9	88.2	90.1	91.2	91.4	93.0	94.7	94.7	96.3	96.4	96.5	97.3
	73.0	81.6	83.6	85.4	87.9	88.2	90.1	91.4	91.6	93.4	95.7	95.7	97.6	97.8	98.1	99.2
	73.0	81.6	83.6	85.4	87.9	88.2	90.1	91.4	91.6	93.4	95.7	95.7	97.6	97.8	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
UNL-20000	16.3	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
20000	17.2	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
≥ 8000	18.8	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
6000	20.0	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
≥ 4000	20.2	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
3000	20.6	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 2000	21.8	22.4	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
1800	22.2	22.8	22.8	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
≥ 1600	24.2	24.8	24.8	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
1400	26.6	27.3	27.3	27.3	27.5	27.5	27.5	27.8	27.8	27.8	27.9	27.9	27.9	27.9	27.9
≥ 1200	27.5	28.2	28.2	28.2	28.5	28.5	28.5	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8
1000	29.5	30.5	30.5	30.5	30.7	30.7	30.7	31.0	31.0	31.1	31.2	31.2	31.2	31.2	31.2
≥ 900	30.5	31.5	31.5	31.5	31.7	31.7	31.7	31.9	31.9	32.1	32.2	32.2	32.2	32.2	32.2
800	31.3	32.3	32.3	32.3	32.5	32.5	32.7	33.0	33.0	33.3	33.4	33.4	33.4	33.4	33.4
≥ 700	32.7	33.7	33.7	33.9	34.1	34.1	34.2	34.6	34.6	34.8	34.9	34.9	34.9	34.9	34.9
600	37.9	40.1	40.1	40.2	40.6	40.6	40.7	41.0	41.0	41.4	41.5	41.5	41.5	41.5	41.5
≥ 500	44.1	46.7	46.7	46.9	47.6	47.6	47.7	48.1	48.1	48.4	48.6	48.6	48.7	48.7	48.7
400	50.6	53.7	53.7	53.9	54.8	54.8	55.4	55.7	55.7	56.1	56.2	56.2	56.5	56.5	56.5
≥ 300	52.4	55.5	55.5	55.9	56.7	56.7	57.3	57.7	57.7	58.0	58.1	58.1	58.4	58.4	58.4
200	56.4	62.4	62.7	63.0	64.0	64.0	65.1	65.6	65.6	66.4	66.5	66.5	66.7	66.7	66.7
≥ 150	63.4	68.8	69.5	69.9	71.1	71.1	72.1	72.6	72.6	73.6	73.7	73.7	73.9	73.9	73.9
100	66.9	73.2	73.9	74.4	75.7	75.7	76.8	77.3	77.3	78.2	78.3	78.3	78.6	78.6	78.6
≥ 70	68.2	75.7	76.4	77.2	78.6	78.6	79.7	80.4	80.4	81.3	81.5	81.5	81.7	81.7	81.7
50	68.4	76.6	77.5	78.2	79.8	79.8	81.1	81.9	81.9	82.9	83.0	83.0	83.3	83.3	83.3
≥ 30	68.9	77.2	78.1	78.8	80.6	80.6	81.9	82.9	82.9	83.9	84.0	84.0	84.2	84.2	84.2
20	69.6	78.2	79.4	80.3	82.1	82.1	83.4	84.3	84.7	85.6	85.8	85.8	86.0	86.0	86.0
≥ 10	71.1	79.1	80.3	81.2	83.1	83.1	84.8	85.8	86.1	87.3	87.7	87.7	88.2	88.2	88.2
0	71.2	80.7	81.9	83.0	84.9	84.9	86.8	87.8	88.2	89.4	90.2	90.2	90.9	90.9	90.9
≥ 10	71.4	81.2	82.4	83.5	85.8	85.8	87.9	89.0	89.5	90.8	92.6	92.6	93.3	93.3	93.3
20	71.5	81.6	82.9	84.0	86.8	86.8	89.1	90.8	91.5	93.2	95.6	95.6	96.4	96.7	96.9
30	71.5	81.6	83.2	84.1	87.1	87.1	89.4	91.0	91.7	93.5	96.4	96.5	97.6	97.8	98.1
	71.5	81.6	83.2	84.1	87.1	87.1	89.4	91.0	91.7	93.5	96.4	96.7	98.0	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 836

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72122 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 (HOUR)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	0
UNLIMITED	17.2	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
≥ 25000	18.8	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
≥ 18000	19.2	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 14000	20.2	20.5	20.7	20.7	20.7	20.7	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 12000	20.4	20.6	20.9	20.9	21.0	21.0	21.5	21.5	21.5	21.5	21.8	21.8	21.8	21.8	21.8	21.8
≥ 10000	20.5	20.7	21.0	21.0	21.1	21.1	21.6	21.6	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9
≥ 9000	21.9	22.2	22.4	22.4	22.5	22.5	23.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	23.3
≥ 8000	22.3	22.5	22.8	22.8	22.9	22.9	23.4	23.4	23.4	23.4	23.7	23.7	23.7	23.7	23.7	23.7
≥ 7000	24.5	24.7	25.0	25.0	25.1	25.1	25.6	25.6	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9
≥ 6000	27.8	28.3	28.6	28.7	28.8	28.8	29.3	29.7	29.7	29.7	30.0	30.0	30.0	30.0	30.0	30.0
≥ 5000	29.2	29.7	30.0	30.1	30.2	30.2	30.7	31.1	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4
≥ 4500	29.8	30.3	30.6	30.7	30.9	30.9	31.4	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0
≥ 4000	30.9	31.4	31.6	31.8	31.9	31.9	32.4	32.8	32.8	32.8	33.0	33.0	33.0	33.0	33.0	33.0
≥ 3500	32.5	33.0	33.3	33.4	33.5	33.5	34.1	34.6	34.6	34.6	34.8	34.8	35.0	35.0	35.0	35.1
≥ 3000	34.4	35.6	35.9	36.0	36.1	36.1	36.6	37.1	37.1	37.4	37.6	37.6	37.8	38.0	38.7	38.0
≥ 2500	37.9	39.1	39.4	39.6	39.9	39.9	40.5	41.0	41.0	41.4	41.6	41.6	41.7	42.0	42.0	42.0
≥ 2000	41.6	42.8	43.1	43.3	43.8	43.8	44.3	44.8	44.8	45.2	45.6	45.6	45.7	46.0	46.0	46.0
≥ 1800	48.5	50.2	50.7	50.8	51.5	51.5	52.4	53.4	53.4	53.8	54.2	54.2	54.3	54.5	54.5	54.5
≥ 1600	50.6	52.2	52.8	52.9	53.5	53.5	54.4	55.4	55.4	55.8	56.2	56.2	56.3	56.6	56.6	56.6
≥ 1400	57.2	59.7	60.2	60.6	61.3	61.3	62.6	63.8	63.8	64.3	64.7	64.7	64.8	65.0	65.0	65.0
≥ 1200	63.5	67.1	67.7	68.4	69.5	69.7	70.9	72.2	72.2	72.9	73.4	73.4	73.5	73.8	73.8	73.8
≥ 1000	66.7	71.6	72.5	73.1	74.5	74.6	76.1	77.3	77.3	78.0	78.7	78.7	78.9	79.3	79.3	79.3
≥ 900	67.9	73.6	74.6	75.3	76.7	76.8	78.5	79.8	79.8	80.7	81.4	81.4	81.6	81.9	81.9	81.9
≥ 800	68.6	74.5	75.7	76.4	77.8	78.0	79.8	81.0	81.0	81.9	82.8	82.8	83.1	83.5	83.5	83.5
≥ 700	68.8	75.2	76.3	77.2	78.7	79.0	80.8	82.2	82.2	83.2	84.1	84.1	84.4	84.8	84.8	84.8
≥ 600	69.5	76.3	77.5	78.9	80.4	80.7	82.6	84.3	84.3	85.3	86.6	86.6	86.8	87.2	87.2	87.2
≥ 500	69.8	77.0	78.1	79.6	81.3	81.6	83.9	85.8	85.9	86.9	88.5	88.5	88.7	89.1	89.1	89.1
≥ 400	70.3	77.5	78.9	80.5	82.2	82.5	84.9	87.1	87.2	88.3	90.5	90.5	90.9	91.3	91.3	91.3
≥ 300	70.8	78.0	79.5	81.3	83.4	83.6	86.3	88.7	88.9	90.4	93.0	93.0	93.3	93.9	93.9	93.9
≥ 200	70.8	78.1	79.6	81.4	83.5	83.9	86.8	89.2	89.5	91.0	94.1	94.1	94.6	95.1	95.3	95.3
≥ 100	70.8	78.2	79.8	81.6	83.9	84.4	87.6	90.3	90.5	92.2	96.2	96.2	96.9	97.4	98.0	98.3
0	70.9	78.4	79.9	81.7	84.0	84.5	87.7	90.4	90.7	92.3	96.3	96.3	97.2	97.7	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 781

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73,76-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	0		
NO CEILING	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
≥ 20000	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
≥ 18000	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
≥ 16000	22.1	22.3	22.3	22.3	22.3	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥ 14000	22.4	22.6	22.6	22.6	22.6	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 12000	22.4	22.6	22.6	22.6	22.6	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
≥ 10000	23.0	23.5	23.5	23.5	23.5	23.7	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 9000	23.0	23.5	23.5	23.5	23.5	23.7	23.7	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
≥ 8000	26.1	26.6	26.6	26.6	26.6	26.8	26.8	27.0	27.0	27.0	27.2	27.2	27.4	27.4	27.4	27.4
≥ 7000	28.3	28.8	29.0	29.4	29.4	29.6	29.6	29.7	29.7	29.7	29.9	29.9	30.3	30.3	30.7	30.7
≥ 6000	29.7	30.3	30.5	30.8	31.0	31.2	31.2	31.4	31.4	31.4	31.6	31.6	31.9	31.9	32.3	32.3
≥ 5000	31.6	32.1	32.3	32.7	32.8	33.0	33.2	33.4	33.4	33.4	33.6	33.6	33.9	33.9	34.3	34.3
≥ 4500	32.5	33.0	33.2	33.6	33.8	33.9	34.1	34.3	34.3	34.3	34.5	34.5	34.9	34.9	35.2	35.2
≥ 4000	34.1	34.7	35.2	35.6	35.9	36.1	36.3	36.5	36.5	36.5	36.7	36.7	37.0	37.0	37.4	37.4
≥ 3500	36.1	36.7	37.2	37.6	38.0	38.1	38.3	38.5	38.5	38.5	38.7	38.7	39.1	39.1	39.4	39.4
≥ 3000	39.1	39.6	40.1	40.7	41.1	41.4	42.2	42.3	42.3	42.3	42.5	42.5	42.9	42.9	43.2	43.2
≥ 2500	42.7	43.4	44.0	44.7	45.1	45.4	46.2	46.4	46.4	46.4	46.5	46.5	46.9	46.9	47.3	47.3
≥ 2000	49.7	50.5	51.1	51.8	52.2	52.6	53.3	54.2	54.2	54.7	54.9	54.9	55.3	55.3	55.7	55.7
≥ 1800	50.5	52.7	53.3	54.0	54.6	55.1	55.8	56.8	56.8	57.3	57.5	57.5	57.8	57.8	58.2	58.2
≥ 1600	56.6	59.9	60.8	61.5	62.4	63.1	64.1	65.0	65.0	65.5	65.7	65.7	66.1	66.1	66.4	66.4
≥ 1400	61.9	65.5	67.5	68.2	69.5	70.3	71.2	72.1	72.1	72.6	72.8	72.8	73.2	73.2	73.5	73.5
≥ 1200	64.1	68.8	71.2	72.3	73.7	74.5	75.4	76.3	76.3	76.8	77.6	77.6	78.1	78.1	78.5	78.5
≥ 1000	65.0	70.1	72.4	73.5	75.0	75.9	77.2	78.1	78.1	79.0	79.9	79.9	80.5	80.5	80.8	80.8
≥ 900	65.3	70.6	73.5	74.8	76.5	77.6	79.2	80.3	80.3	81.2	82.3	82.3	82.8	83.0	83.4	83.4
≥ 800	65.5	71.0	74.1	75.4	77.2	78.5	80.1	81.2	81.2	82.3	83.4	83.4	83.9	84.1	84.5	84.5
≥ 700	66.1	71.5	75.2	76.6	79.0	80.3	82.5	83.9	83.9	85.2	86.3	86.3	87.0	87.2	87.6	87.6
≥ 600	66.6	72.6	76.3	77.9	80.8	82.1	84.5	85.9	85.9	87.2	88.5	88.5	89.6	89.8	90.1	90.1
≥ 500	67.2	73.2	76.8	78.5	81.4	82.7	85.6	87.4	87.4	88.7	91.1	91.1	92.3	92.5	93.1	93.1
≥ 400	67.3	73.4	77.0	78.6	81.6	82.8	85.9	88.0	88.0	89.2	92.2	92.2	93.6	93.8	94.3	94.3
≥ 300	67.5	73.5	77.2	78.8	81.8	83.0	86.3	88.7	88.7	90.0	93.6	93.6	95.1	95.3	95.8	95.8
≥ 200	67.9	73.9	77.6	79.2	82.1	83.4	86.9	89.6	89.6	90.9	94.5	94.5	96.5	96.7	97.4	98.0
0	67.9	73.9	77.6	79.2	82.1	83.4	86.9	89.6	89.6	90.9	94.5	94.5	96.9	97.1	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 588

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7,212C (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2322 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1	≥¾	≥½	≥¼	0		
NO CEILING	24.9	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
≥ 20000	25.8	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
≥ 18000	25.8	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
≥ 14000	26.0	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
≥ 12000	26.3	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 10000	26.6	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 9000	27.0	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
≥ 8000	27.0	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	27.5	27.6
≥ 7000	29.3	29.9	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
≥ 6500	31.6	32.4	32.5	32.7	32.8	32.8	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.1
≥ 6000	32.4	33.3	33.7	33.9	34.0	34.0	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3
≥ 5000	35.1	36.3	36.9	37.2	37.3	37.3	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6
≥ 4500	36.4	37.6	39.2	38.5	38.7	38.7	38.8	38.8	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.1
≥ 4000	37.8	39.4	40.0	40.3	40.6	40.6	40.7	40.7	40.7	41.0	41.2	41.2	41.2	41.2	41.2	41.2
≥ 3500	39.7	41.6	42.2	42.5	43.0	43.0	43.1	43.1	43.1	43.4	43.6	43.6	43.6	43.7	43.7	43.7
≥ 3000	43.6	46.0	46.7	47.2	47.8	47.8	47.9	47.9	47.9	48.2	48.4	48.4	48.4	48.5	48.5	48.5
≥ 2500	49.4	52.5	53.3	53.7	54.6	54.6	54.8	54.8	54.8	55.1	55.2	55.2	55.2	55.4	55.4	55.4
≥ 2000	53.4	57.5	58.2	58.8	59.9	60.1	60.3	60.3	60.3	61.0	61.2	61.2	61.2	61.3	61.3	61.3
≥ 1800	54.8	59.0	60.0	60.7	62.1	62.5	62.7	62.7	62.7	63.4	63.6	63.6	63.6	63.7	63.7	63.7
≥ 1500	58.2	64.2	65.2	66.0	67.6	68.1	68.4	68.4	68.4	69.1	69.3	69.3	69.4	69.6	69.6	69.6
≥ 1200	62.7	70.1	71.8	72.7	74.8	75.2	75.7	75.7	75.7	76.4	76.6	76.6	76.7	76.9	76.9	76.9
≥ 1000	63.1	71.0	72.8	73.7	76.0	76.4	76.9	77.0	77.0	77.8	78.1	78.1	78.4	78.5	78.5	78.5
≥ 900	63.6	71.8	73.6	74.5	76.7	77.2	77.9	78.1	78.1	79.1	79.4	79.4	79.9	80.0	80.0	80.0
≥ 800	64.9	73.1	75.1	76.0	79.0	79.4	80.3	81.0	81.0	82.1	82.5	82.5	83.1	83.4	83.6	83.6
≥ 700	65.2	74.0	76.0	76.9	79.9	80.3	81.2	82.2	82.2	83.9	84.8	84.8	85.4	85.7	85.8	85.8
≥ 600	66.1	75.1	77.0	77.9	81.5	82.4	84.2	85.7	85.7	87.3	88.4	88.4	89.0	89.3	89.4	89.4
≥ 500	66.3	75.4	77.5	78.5	83.0	84.0	86.0	87.5	87.5	89.1	90.3	90.3	90.9	91.2	91.3	91.3
≥ 400	66.4	75.7	77.8	78.8	83.7	84.8	87.2	88.7	88.7	91.2	93.0	93.0	94.0	94.3	94.6	94.6
≥ 300	66.4	75.7	77.8	78.8	83.9	84.9	87.3	89.0	89.0	92.1	94.2	94.2	95.2	95.5	95.8	96.0
≥ 200	66.4	75.7	77.8	78.8	83.9	84.9	87.5	89.1	89.1	92.2	94.6	94.6	95.7	96.0	96.6	96.7
≥ 100	66.4	75.7	77.8	78.8	83.9	84.9	87.5	89.3	89.3	92.5	95.1	95.1	96.6	96.9	97.6	98.5
0	66.4	75.7	77.8	78.8	83.9	84.9	87.5	89.3	89.3	92.5	95.1	95.1	96.9	97.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]20 CAPE ROMANZOF AFS AK 73-81 OCT
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/8	≥⅜	≥⅛	0
[illegible]	21.7	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥20000	22.0	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
≥18000	22.6	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
≥16000	23.1	23.5	23.6	23.6	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥14000	23.3	23.7	23.8	23.8	23.9	23.9	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1
≥12000	23.6	24.0	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4
≥10000	24.2	24.7	24.7	24.7	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
≥ 9000	24.4	24.9	25.0	25.0	25.1	25.1	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3
≥ 8000	26.6	27.1	27.2	27.2	27.4	27.4	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6
≥ 7000	29.2	29.8	29.9	30.0	30.2	30.2	30.3	30.4	30.4	30.4	30.5	30.5	30.6	30.6	30.6	30.6
≥ 6000	30.1	30.8	31.0	31.1	31.2	31.2	31.3	31.4	31.4	31.5	31.6	31.6	31.6	31.6	31.6	31.6
≥ 5000	32.3	33.1	33.4	33.6	33.8	33.8	33.9	34.1	34.1	34.1	34.2	34.2	34.3	34.3	34.3	34.3
≥ 4500	33.8	34.7	35.0	35.2	35.4	35.4	35.6	35.7	35.7	35.8	35.9	35.9	36.0	36.0	36.0	36.0
≥ 4000	35.6	36.7	37.0	37.2	37.5	37.5	37.6	37.8	37.8	38.0	38.1	38.1	38.2	38.2	38.2	38.2
≥ 3500	37.4	38.8	39.1	39.3	39.6	39.7	39.8	40.0	40.0	40.2	40.3	40.3	40.4	40.5	40.5	40.5
≥ 3000	41.9	43.9	44.2	44.4	44.9	45.0	45.2	45.3	45.3	45.6	45.8	45.8	45.9	45.9	45.9	46.0
≥ 2500	47.1	49.5	50.0	50.2	50.8	50.9	51.1	51.3	51.3	51.6	51.8	51.9	52.0	52.0	52.1	52.1
≥ 2000	52.7	55.8	56.3	56.7	57.5	57.6	58.1	58.5	58.5	59.0	59.2	59.2	59.4	59.4	59.5	59.5
≥ 1800	54.2	57.6	58.2	58.6	59.5	59.7	60.1	60.5	60.5	61.0	61.2	61.3	61.5	61.5	61.6	61.6
≥ 1600	59.5	63.8	64.6	65.1	66.1	66.4	67.0	67.4	67.4	68.1	68.5	68.5	68.8	68.8	68.9	68.9
≥ 1400	64.0	69.2	70.4	71.0	72.4	72.7	73.4	73.9	73.9	74.7	75.1	75.1	75.4	75.4	75.5	75.6
≥ 1200	66.2	72.2	73.7	74.5	76.1	76.3	77.1	77.7	77.7	78.5	79.0	79.0	79.3	79.4	79.4	79.5
≥ 1000	67.0	73.5	75.0	76.0	77.6	77.9	78.8	79.4	79.4	80.3	80.9	80.9	81.2	81.3	81.4	81.5
≥ 900	67.8	74.6	76.3	77.3	79.2	79.5	80.6	81.3	81.4	82.3	82.9	83.0	83.3	83.4	83.5	83.6
≥ 800	68.1	75.2	77.1	78.2	80.2	80.5	81.7	82.6	82.6	83.8	84.5	84.5	84.9	85.0	85.1	85.2
≥ 700	68.7	76.2	78.2	79.5	81.9	82.3	83.7	84.9	85.0	86.3	87.1	87.1	87.5	87.6	87.7	87.8
≥ 600	69.2	77.0	79.2	80.8	83.6	84.0	85.7	86.9	87.0	88.6	89.5	89.5	90.1	90.2	90.4	90.5
≥ 500	69.6	77.7	80.0	81.6	84.7	85.1	87.1	88.5	88.7	90.5	91.9	92.0	92.8	92.9	93.1	93.2
≥ 400	69.8	77.9	80.2	81.8	85.1	85.5	87.7	89.2	89.5	91.5	93.5	93.5	94.5	94.7	94.9	95.0
≥ 300	69.8	78.0	80.4	82.0	85.4	85.9	88.1	89.9	90.2	92.4	94.7	94.8	95.9	96.1	96.6	96.7
≥ 200	69.8	78.1	80.4	82.1	85.6	86.0	88.3	90.1	90.5	92.9	95.5	95.6	97.0	97.3	98.0	98.6
< 200	69.9	78.1	80.5	82.1	85.6	86.0	88.3	90.2	90.6	92.9	95.6	95.7	97.3	97.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6170

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	½	≤¼	0
≥ UNLIM	33.5	34.6	34.9	35.5	36.1	36.3	36.7	36.7	36.7	36.7	37.1	37.1	37.1	37.1	37.1	37.1
≥ 20000	34.2	35.4	35.6	36.2	36.8	37.1	37.5	37.5	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8
≥ 10000	34.9	36.0	36.2	37.0	37.6	37.8	38.2	38.2	38.2	38.2	38.6	38.6	38.6	38.6	38.5	38.6
≥ 6000	35.2	36.3	36.6	37.3	37.9	38.2	38.6	38.6	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9
≥ 5000	35.2	36.3	36.6	37.3	37.9	38.2	38.6	38.6	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9
≥ 4500	35.2	36.3	36.6	37.3	37.9	38.2	38.6	38.6	38.6	38.6	38.9	38.9	38.9	38.9	38.9	38.9
≥ 4000	35.4	36.5	36.7	37.5	38.1	38.3	38.7	38.7	38.7	38.7	39.1	39.1	39.1	39.1	39.1	39.1
≥ 3500	35.6	36.7	37.0	37.7	38.3	38.6	38.9	38.9	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3
≥ 3000	36.1	37.3	37.8	38.6	39.2	39.4	39.8	39.8	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2
≥ 2500	38.2	39.4	39.9	40.7	41.4	41.7	42.0	42.0	42.0	42.0	42.4	42.4	42.4	42.4	42.4	42.4
≥ 2000	39.2	40.5	41.1	41.8	42.5	42.8	43.1	43.1	43.1	43.1	43.5	43.5	43.5	43.5	43.5	43.5
≥ 1800	41.2	42.8	43.3	44.0	45.6	45.9	46.2	46.2	46.2	46.2	46.7	46.7	46.8	46.8	46.8	47.2
≥ 1500	42.5	44.4	45.1	45.9	47.5	47.7	48.1	48.1	48.1	48.1	48.6	48.6	48.7	48.7	48.7	46.8
≥ 1000	45.4	47.2	48.2	48.9	50.6	50.8	51.3	51.3	51.3	51.3	51.8	51.8	51.9	51.9	51.9	52.2
≥ 900	47.5	49.7	50.8	51.5	53.2	53.4	54.0	54.0	54.0	54.0	54.5	54.5	54.6	54.6	54.6	54.8
≥ 800	48.5	50.9	52.0	52.6	54.6	54.9	55.5	55.5	55.5	55.5	56.0	56.0	56.1	56.1	56.1	56.4
≥ 700	52.8	56.2	57.7	58.8	61.4	61.7	62.4	62.4	62.4	62.8	63.3	63.3	63.4	63.4	63.4	63.7
≥ 600	57.0	62.1	64.2	65.3	68.2	68.5	69.5	69.5	69.5	69.8	70.3	70.3	70.5	70.5	70.5	76.7
≥ 500	57.7	63.3	65.4	66.6	70.0	70.2	71.2	71.2	71.2	71.6	72.1	72.1	72.2	72.2	72.2	72.4
≥ 400	59.1	65.6	68.0	69.3	73.2	73.4	74.4	74.7	74.7	75.0	75.5	75.5	75.6	75.6	75.6	75.9
≥ 300	61.9	70.1	72.6	74.0	78.4	78.6	80.2	80.5	80.6	81.5	82.2	82.3	82.4	82.4	82.4	82.7
≥ 200	63.0	71.8	74.5	76.1	80.7	81.0	82.6	82.8	82.9	83.9	84.7	84.8	84.9	84.9	85.2	85.4
≥ 150	63.3	72.7	75.5	77.1	81.7	82.0	83.7	83.9	84.1	85.0	86.0	86.2	86.4	86.4	86.7	86.9
≥ 100	63.8	73.4	76.3	78.0	82.7	82.9	84.8	85.1	85.2	86.3	87.5	87.6	87.9	87.9	88.1	88.4
≥ 70	63.9	73.8	76.9	78.6	83.3	83.6	85.5	85.8	85.9	87.1	88.6	88.8	89.0	89.0	89.4	89.6
≥ 60	64.3	74.3	77.4	79.1	83.9	84.2	86.3	86.5	86.7	87.9	90.2	90.4	90.5	90.5	90.9	91.1
≥ 50	64.8	75.3	78.6	80.3	85.3	85.5	87.6	87.9	88.3	89.9	92.2	92.3	92.7	92.7	93.1	93.3
≥ 40	64.9	75.4	78.7	80.5	85.4	85.8	87.9	88.1	88.5	90.6	93.4	93.7	94.2	94.2	94.6	94.8
≥ 30	64.9	75.4	78.7	80.5	85.5	85.9	88.0	88.3	88.6	91.0	93.9	94.2	94.7	94.8	95.7	96.0
≥ 20	64.9	75.4	78.7	80.5	85.7	86.0	88.5	88.8	89.1	91.6	94.6	94.8	95.4	95.8	96.8	97.2
≥ 10	64.9	75.4	78.7	80.5	85.7	86.0	88.5	88.8	89.4	92.0	94.9	95.2	95.9	96.3	98.0	98.4
0	64.9	75.4	78.7	80.5	85.7	86.0	88.5	88.8	89.4	92.1	95.1	95.3	96.3	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2120 CAPE ROMANZOF AFS AK 73-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2?22-2302

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
[illegible]	32.7	34.6	35.9	36.4	37.4	37.5	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0
[illegible]	33.7	35.6	36.9	37.4	38.4	38.5	38.8	38.8	38.8	38.8	39.0	39.0	39.0	39.0	39.0	39.0
18000	34.3	36.2	37.5	38.0	39.4	39.5	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0
15000	34.3	36.2	37.5	38.0	39.4	39.5	39.8	39.8	39.8	39.8	40.0	40.0	40.0	40.0	40.0	40.0
12000	34.4	36.3	37.7	38.1	39.5	39.6	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1
10000	34.9	36.8	38.1	38.6	40.0	40.1	40.4	40.4	40.4	40.4	40.6	40.6	40.6	40.6	40.6	40.6
9000	35.2	37.0	38.4	38.9	40.2	40.4	40.6	40.6	40.6	40.6	40.9	40.9	40.9	40.9	40.9	40.9
8000	35.7	37.5	38.9	39.4	40.7	40.9	41.1	41.1	41.1	41.1	41.4	41.4	41.4	41.4	41.4	41.4
7000	36.4	38.3	39.8	40.5	41.9	42.0	42.2	42.2	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5
6000	37.9	39.8	41.2	42.0	43.3	43.5	43.7	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0
5000	39.0	40.9	42.7	43.5	44.8	44.9	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4
4500	41.4	43.8	46.0	46.8	48.4	48.5	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6
4000	42.8	45.4	47.7	48.4	50.1	50.2	51.0	51.0	51.0	51.0	51.4	51.4	51.4	51.4	51.4	51.4
3500	45.1	47.8	50.0	50.7	52.8	53.0	53.8	53.8	53.8	53.8	54.2	54.2	54.2	54.2	54.2	54.2
3000	47.0	49.8	52.0	52.7	54.8	54.9	55.8	55.8	55.8	55.8	56.2	56.2	56.2	56.2	56.2	56.2
2500	48.8	51.6	54.1	54.8	56.9	57.0	57.9	57.9	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3
2200	51.4	55.2	57.7	58.5	61.2	61.6	62.5	62.6	62.6	62.8	63.3	63.3	63.3	63.3	63.3	63.3
2000	54.2	59.4	62.1	63.0	66.3	66.7	67.8	68.0	68.0	68.6	69.1	69.1	69.3	69.3	69.3	69.3
1800	54.8	60.0	62.7	63.7	67.5	67.9	69.0	69.3	69.3	70.0	70.6	70.6	70.7	70.7	70.7	70.7
1500	56.0	61.7	64.8	65.8	70.0	70.4	71.5	71.7	71.7	72.5	73.1	73.1	73.2	73.2	73.2	73.2
1200	59.1	66.7	70.6	71.6	75.9	76.4	78.0	78.4	78.4	79.3	80.0	80.0	80.5	80.5	80.5	80.5
1000	61.1	69.1	73.1	74.2	79.6	80.1	82.0	82.5	82.5	83.5	84.3	84.3	84.9	84.9	85.1	85.1
900	61.6	69.8	73.7	74.9	81.1	81.7	83.6	84.1	84.1	85.2	86.0	86.3	87.2	87.2	87.3	87.3
800	61.7	69.9	74.0	75.3	81.6	82.2	84.1	84.6	84.6	85.7	86.9	86.9	87.9	87.9	88.0	88.0
700	61.9	70.0	74.1	75.6	82.2	82.6	84.8	85.4	85.4	86.7	88.3	88.3	89.3	89.3	89.5	89.5
600	62.1	70.5	74.7	76.3	83.5	84.1	86.2	86.8	86.8	88.1	90.2	90.2	91.9	91.9	92.1	92.5
500	62.5	71.0	75.2	76.8	84.0	84.6	86.9	87.5	87.8	89.1	91.4	91.4	93.1	93.1	93.5	93.5
400	62.5	71.0	75.2	76.8	84.0	84.6	87.2	87.8	88.1	89.9	92.7	92.7	94.6	94.7	95.1	95.6
300	62.5	71.0	75.3	76.9	84.2	84.8	87.5	88.6	89.0	90.7	94.0	94.0	95.8	95.9	96.5	97.0
200	62.5	71.0	75.3	76.9	84.2	85.1	87.9	89.0	89.4	91.1	94.4	94.6	96.7	96.8	97.4	98.1
100	62.5	71.0	75.3	76.9	84.2	85.1	87.9	89.0	89.5	91.2	94.7	94.8	97.0	97.2	97.8	98.5
0	62.5	71.0	75.3	76.9	84.2	85.1	88.0	89.1	89.6	91.4	94.9	95.1	97.3	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 31.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 (1&2) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

617-2820

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
≥ 20000	31.2	32.6	33.1	33.1	33.5	33.5	33.5	33.6	33.6	33.7	34.3	34.4	34.7	34.7	34.7	34.7
≥ 15000	31.7	33.3	33.8	33.6	34.2	34.2	34.2	34.3	34.3	34.4	35.1	35.2	35.4	35.4	35.4	35.4
≥ 12000	32.0	33.7	34.2	34.2	34.6	34.6	34.6	34.7	34.7	34.8	35.4	35.6	35.9	35.9	35.9	35.9
≥ 10000	32.5	34.2	34.7	34.7	35.1	35.1	35.1	35.2	35.2	35.3	35.9	36.2	36.4	36.4	36.4	36.4
≥ 9000	32.5	34.3	34.8	34.8	35.2	35.2	35.2	35.3	35.3	35.4	36.0	36.2	36.5	36.5	36.5	36.5
≥ 8000	32.7	34.6	35.1	35.1	35.4	35.4	35.4	35.6	35.6	35.7	36.3	36.4	36.8	36.8	36.8	36.8
≥ 7000	32.7	34.6	35.1	35.1	35.4	35.4	35.4	35.6	35.6	35.7	36.3	36.4	36.8	36.8	36.9	36.9
≥ 6000	33.0	34.8	35.3	35.3	35.7	35.7	35.7	35.8	35.8	35.9	36.5	36.7	37.0	37.0	37.0	37.0
≥ 5000	33.1	34.9	35.6	35.7	36.2	36.2	36.2	36.3	36.3	36.4	37.0	37.2	37.5	37.5	37.5	37.5
≥ 4500	34.8	36.7	37.3	37.4	37.9	37.9	37.9	38.0	38.0	38.1	38.8	38.9	39.4	39.4	39.4	39.4
≥ 4000	35.4	37.3	37.9	38.0	38.8	38.8	38.8	38.9	38.9	39.0	39.6	39.8	40.2	40.2	40.2	40.2
≥ 3500	37.0	39.3	40.1	40.2	41.0	41.0	41.0	41.4	41.5	41.5	41.7	42.3	42.5	43.0	43.0	43.0
≥ 3000	38.4	41.1	42.2	42.3	43.2	43.2	43.2	43.6	43.7	43.7	44.0	44.6	44.7	45.2	45.2	45.2
≥ 2500	40.5	43.7	44.9	45.1	46.3	46.3	46.3	46.8	47.2	47.2	47.4	48.0	48.1	48.6	48.6	48.6
≥ 2000	43.3	46.8	48.1	48.4	49.9	49.9	49.9	50.4	50.7	50.7	51.0	51.6	51.7	52.2	52.2	52.2
≥ 1800	44.9	49.3	50.5	50.9	52.6	52.6	52.6	53.1	53.3	53.5	53.7	54.3	54.4	54.9	54.9	54.9
≥ 1600	46.6	53.5	55.1	55.4	57.3	57.3	57.3	57.9	58.3	58.3	58.8	59.4	59.5	60.0	60.0	60.0
≥ 1400	51.1	57.9	59.6	60.1	62.2	62.2	62.2	63.0	63.3	63.3	63.7	64.2	64.3	65.1	65.6	65.6
≥ 1200	52.0	58.8	60.7	61.5	63.6	63.6	63.6	64.3	64.7	64.7	65.1	65.6	66.3	66.4	66.9	66.9
≥ 1000	54.2	62.5	64.3	65.1	67.3	67.3	67.3	68.0	68.4	68.4	68.9	69.6	69.6	70.2	70.7	70.7
≥ 900	57.5	66.3	68.1	68.9	71.2	71.2	71.2	72.0	72.4	72.4	72.9	73.6	73.7	74.4	74.9	74.9
≥ 800	58.6	68.0	69.8	70.7	73.1	73.1	73.1	73.9	74.3	74.3	74.8	75.5	75.6	76.3	76.8	76.8
≥ 700	59.3	68.9	70.8	71.6	74.0	74.0	74.0	74.8	75.2	75.2	75.7	76.4	76.5	77.2	77.7	77.7
≥ 600	59.6	69.6	71.5	72.3	74.7	74.7	74.7	75.5	75.9	75.9	76.4	77.1	77.2	77.9	78.4	78.4
≥ 500	59.6	69.6	71.5	72.3	74.7	74.7	74.7	75.5	75.9	75.9	76.4	77.1	77.2	77.9	78.4	78.4
≥ 400	59.6	69.6	72.7	74.4	78.6	78.9	80.4	81.2	81.4	82.7	83.8	84.2	85.2	85.2	85.4	85.7
≥ 300	59.6	69.6	73.1	74.8	79.4	79.6	81.2	82.1	82.3	83.7	85.2	85.3	86.5	86.5	86.9	87.2
≥ 200	60.0	70.0	73.7	75.7	80.7	81.0	82.8	84.0	84.2	86.0	87.9	88.1	89.5	89.5	89.9	90.2
≥ 150	60.2	70.2	74.1	76.2	81.4	81.7	84.2	85.3	85.6	87.5	89.4	89.6	91.1	91.2	91.6	92.0
≥ 100	60.2	70.4	74.2	76.4	81.9	82.3	84.9	86.0	86.4	88.8	90.9	91.1	92.7	92.8	93.2	93.6
≥ 50	60.2	70.4	74.2	76.4	81.9	82.3	84.9	86.2	86.7	89.3	91.9	92.1	94.2	94.6	95.1	95.4
≥ 0	60.2	70.4	74.2	76.4	82.0	82.6	85.2	86.4	87.2	90.0	92.8	93.1	95.2	95.6	96.2	96.7
	60.2	70.4	74.2	76.4	82.0	82.6	85.2	86.4	87.4	90.4	93.3	93.6	96.2	96.5	97.3	98.1
	60.2	70.4	74.2	76.4	82.0	82.6	85.2	86.4	87.4	90.4	93.6	93.9	96.4	96.9	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 614

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 — CAPE ROMANZOF AFS AK — 73-81 — NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1200

VISIBILITY STATUTE MILES

CEILING FEET	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥	≥1/4	≥1/8	≥1/4	≥1/2	≥	≥1 5/8	≥1	≥
	24.3	25.3	25.3	25.4	25.9	26.0	26.2	26.3	26.3	26.3	26.5	26.9	27.2	27.2	27.3	27.3
	24.7	25.8	25.8	25.9	26.4	26.5	26.7	26.8	26.8	26.8	27.0	27.5	27.9	27.9	28.0	28.0
	25.7	26.8	26.8	26.9	27.4	27.5	27.7	27.8	27.8	27.8	28.0	28.5	28.9	28.9	29.0	29.1
	26.3	27.5	27.5	27.7	28.3	28.4	28.5	28.6	28.6	28.6	28.9	29.4	29.8	29.8	29.9	30.0
	26.4	27.8	27.8	27.9	28.5	28.6	28.8	28.9	28.9	28.9	29.1	29.6	30.0	30.0	30.1	30.2
	26.8	28.1	28.1	28.3	28.9	29.0	29.1	29.3	29.3	29.3	29.5	30.0	30.4	30.4	30.5	30.6
	27.3	28.6	28.6	28.8	29.4	29.5	29.6	29.8	29.8	29.8	30.0	30.5	30.9	30.9	31.0	31.1
	27.3	28.8	28.8	28.9	29.5	29.6	29.8	29.9	29.9	29.9	30.1	30.6	31.0	31.0	31.1	31.2
	27.9	29.4	29.4	29.5	30.1	30.2	30.4	30.5	30.5	30.5	30.7	31.2	31.6	31.6	31.7	32.1
	30.7	32.3	32.3	32.5	33.2	33.3	33.5	33.6	33.6	33.6	33.8	34.3	34.7	34.7	34.8	35.2
	31.7	33.5	33.5	33.6	34.3	34.4	34.6	34.7	34.7	34.7	34.9	35.4	35.8	35.8	35.9	36.3
	32.1	34.0	34.0	34.1	34.8	34.9	35.2	35.3	35.3	35.3	35.6	36.0	36.4	36.4	36.5	36.9
	33.0	35.1	35.1	35.2	35.9	36.0	36.3	36.4	36.4	36.4	36.7	37.2	37.5	37.5	37.7	38.
	35.8	38.4	38.5	38.6	39.5	39.8	40.1	40.2	40.2	40.2	40.5	41.0	41.4	41.4	41.5	41.9
	37.9	41.0	41.4	41.6	42.5	42.7	43.1	43.2	43.2	43.2	43.5	44.1	44.4	44.4	44.5	44.9
	38.9	42.7	43.2	43.7	44.7	44.9	45.4	45.6	45.6	45.6	45.9	46.4	46.9	46.9	47.0	47.4
	45.2	49.6	50.4	50.9	52.1	52.3	53.1	53.2	53.2	53.3	53.7	54.2	54.7	54.7	54.8	55.2
	49.8	54.8	55.9	56.7	57.9	58.1	59.4	59.5	59.5	60.0	60.5	61.0	61.9	61.9	62.0	62.3
	51.0	56.3	57.5	58.3	59.6	59.9	61.2	61.4	61.4	61.9	62.3	62.8	63.7	63.7	63.8	64.2
	53.2	59.6	61.1	62.0	63.6	64.1	65.4	65.6	65.6	66.2	66.9	67.4	68.3	68.3	68.4	68.9
	56.5	64.1	65.7	66.8	69.4	70.0	71.7	71.9	71.9	72.5	73.2	73.7	74.6	74.6	74.7	75.1
	58.3	66.3	68.1	69.3	72.2	72.8	74.7	74.9	74.9	75.7	76.7	77.2	78.1	78.1	78.3	78.6
	58.9	67.2	69.0	70.2	73.3	74.0	75.9	76.2	76.2	77.0	78.1	78.6	79.6	79.6	79.9	80.2
	59.6	68.3	70.4	71.9	75.1	75.8	77.8	78.0	78.0	79.0	80.1	80.6	81.6	81.6	81.9	82.2
	60.0	68.8	71.0	72.6	76.0	76.8	78.8	79.0	79.0	80.0	81.2	81.7	82.7	82.7	83.0	83.3
	60.1	69.4	72.1	73.7	77.8	76.5	80.6	81.4	81.5	82.7	84.3	84.8	86.4	86.4	86.7	87.0
	60.2	69.8	73.1	74.6	78.9	79.6	82.0	82.8	83.0	84.3	86.0	86.5	88.1	88.2	88.5	88.9
	60.4	69.9	73.6	75.4	79.9	80.6	83.2	84.3	84.4	86.0	88.0	88.5	90.2	90.4	90.6	91.
	60.4	70.1	73.9	75.8	80.5	81.2	83.8	85.2	85.3	87.3	89.5	90.0	91.9	92.1	92.3	93.
	60.4	70.1	73.8	75.8	80.7	81.5	84.1	85.7	86.0	88.1	90.9	91.4	93.2	93.3	93.5	94.0
	60.4	70.1	73.8	75.8	80.7	81.5	84.1	85.8	86.4	88.5	91.7	92.3	94.7	94.8	95.0	96.0
	60.4	70.1	73.8	75.8	80.7	81.5	84.1	85.8	86.4	88.5	91.9	92.5	95.2	95.3	95.5	100.

TOTAL NUMBER OF OBSERVATIONS 61

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 5120 CAPE ROMANZOF AFS AK 73-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥2	≥5/8	≥½	≥0
≥ 22000	23.7	24.2	24.4	24.6	25.4	25.4	25.4	25.6	25.6	25.7	25.8	26.2	26.4	26.4	26.4	26.4
	23.6	24.8	25.1	25.2	26.0	26.0	26.2	26.2	26.2	26.3	26.4	26.6	27.0	27.0	27.0	27.0
≥ 18000	24.4	25.7	25.9	26.0	26.9	26.9	26.9	27.0	27.0	27.2	27.3	27.7	27.9	27.9	27.9	27.9
≥ 17000	25.2	26.4	26.7	26.8	27.7	27.7	27.7	27.8	27.8	27.9	28.0	28.4	28.6	28.6	28.6	28.6
≥ 16000	25.6	26.8	27.0	27.2	28.0	28.0	28.0	28.1	28.1	28.3	28.4	28.8	29.0	29.0	29.0	29.0
≥ 15000	25.9	27.2	27.4	27.5	28.4	28.4	28.4	28.5	28.5	28.6	28.8	29.1	29.4	29.4	29.4	29.5
≥ 14000	26.0	27.4	27.7	27.8	28.6	28.6	28.6	28.9	28.9	29.0	29.1	29.5	29.8	29.8	29.9	29.9
≥ 13000	26.2	27.4	27.7	27.8	28.6	28.6	28.6	28.9	28.9	29.0	29.1	29.5	29.8	29.8	29.9	29.9
≥ 12000	27.0	28.9	29.1	29.3	30.2	30.2	30.2	30.5	30.5	30.6	30.7	31.2	31.5	31.5	31.6	31.9
≥ 11000	29.8	32.0	32.2	32.3	33.3	33.3	33.5	33.7	33.7	34.0	34.2	34.8	35.1	35.1	35.2	35.4
≥ 10000	33.0	32.3	32.6	32.7	33.7	33.7	33.8	34.1	34.1	34.3	34.6	35.2	35.4	35.4	35.6	35.8
≥ 9000	31.0	33.6	34.0	34.1	35.1	35.1	35.2	35.4	35.4	35.7	35.9	36.5	37.0	37.0	37.3	37.5
≥ 8000	31.7	34.4	34.8	35.1	36.2	36.2	36.3	36.5	36.5	36.8	37.0	37.7	38.1	38.1	38.4	38.6
≥ 7000	34.1	37.2	37.7	37.9	39.0	39.0	39.0	39.8	39.8	40.0	40.2	41.0	41.4	41.4	41.6	41.9
≥ 6000	35.4	38.6	39.1	39.4	40.5	40.5	41.1	41.7	41.7	42.1	42.5	43.1	43.6	43.6	43.8	44.1
≥ 5000	37.7	41.5	42.1	42.3	43.5	43.5	44.1	44.7	44.7	45.1	45.6	46.2	46.7	46.7	46.9	47.2
≥ 4500	43.2	47.7	48.4	48.6	50.0	50.0	50.9	51.5	51.5	52.0	52.8	53.5	54.0	54.0	54.2	54.4
≥ 4000	46.8	51.9	52.8	53.6	55.4	55.4	56.3	56.9	56.9	57.7	58.9	59.8	59.6	59.6	59.9	61.1
≥ 3500	47.4	52.7	53.9	54.7	56.7	56.7	57.5	58.1	58.1	58.9	59.6	60.2	60.9	60.9	61.1	61.4
≥ 3000	52.4	57.2	58.5	59.9	62.1	62.1	63.3	64.2	64.2	64.5	65.7	66.3	67.3	67.3	67.5	67.6
≥ 2500	53.0	60.6	62.8	64.6	67.2	67.3	68.5	69.5	69.6	70.4	71.2	71.9	72.8	72.8	73.1	73.3
≥ 2000	54.2	62.8	65.2	67.2	69.9	70.0	71.4	72.6	72.7	73.9	74.8	75.4	76.5	76.5	76.8	77.0
≥ 1800	54.4	63.8	66.2	68.4	71.2	71.5	72.8	74.1	74.2	75.3	76.3	77.0	78.1	78.1	78.5	78.9
≥ 1500	54.7	64.4	67.0	69.3	72.1	72.3	74.0	75.7	75.8	76.9	77.9	78.8	79.9	79.9	80.2	80.5
≥ 1200	54.9	65.1	67.9	70.1	73.1	73.3	74.9	76.8	76.9	78.1	79.1	80.0	81.1	81.1	81.5	81.7
≥ 1000	55.3	66.7	69.8	72.1	75.9	76.2	78.4	80.6	80.7	82.3	83.8	84.7	85.9	85.9	86.3	86.7
≥ 900	55.4	67.3	70.4	72.7	76.8	77.0	79.5	81.9	82.0	83.8	85.6	86.4	87.9	87.9	88.3	88.6
≥ 800	55.7	68.1	71.4	73.7	77.8	78.0	80.7	83.6	83.8	86.2	88.1	89.0	90.6	90.6	91.2	92.0
≥ 700	55.7	68.1	71.4	73.7	78.0	78.3	81.0	84.0	84.2	86.5	89.0	89.9	91.6	91.6	92.2	93.0
≥ 600	55.8	68.4	71.7	74.3	78.6	78.9	81.6	84.6	84.8	87.2	90.2	91.1	93.0	93.1	93.7	94.6
≥ 500	55.8	68.4	71.7	74.3	78.9	79.3	82.0	85.2	86.0	88.4	92.0	92.8	94.9	95.2	95.8	97.2
≥ 400	55.8	68.4	71.7	74.3	78.9	79.3	82.0	85.2	86.0	88.5	92.2	93.1	95.9	96.3	96.9	98.6

TOTAL NUMBER OF OBSERVATIONS 611

USAF ETAC FORM 0-14-5 (OL A1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 (12) (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS

(1500-1700)

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥7	6	5	4	3	2½	2	1½	1	¾	½	¼	0
≥ 20000	25.7	26.1	26.5	26.5	27.1	27.1	27.1	27.2	27.7	28.0	28.6	28.6	28.9	28.9	28.9	28.9
15000	24.5	27.1	27.5	27.6	28.4	28.4	28.4	28.5	28.5	29.3	29.9	29.9	30.2	30.2	30.2	30.2
10000	25.7	28.1	28.5	28.6	29.4	29.4	29.4	29.5	29.5	30.3	31.0	31.0	31.2	31.2	31.2	31.2
8000	26.1	28.6	29.0	29.2	29.9	29.9	29.9	30.1	30.1	30.8	31.5	31.5	31.7	31.7	31.7	31.7
7000	26.1	28.6	29.0	29.2	29.9	29.9	29.9	30.1	30.1	30.8	31.5	31.5	31.7	31.7	31.7	31.7
6000	26.5	29.0	29.4	29.5	30.3	30.3	30.3	30.5	30.5	31.2	31.9	31.9	32.1	32.1	32.1	32.1
5000	26.5	29.0	29.4	29.5	30.3	30.3	30.3	30.5	30.5	31.2	31.9	31.9	32.1	32.1	32.1	32.1
4500	26.5	29.0	29.4	29.5	30.3	30.3	30.3	30.5	30.5	31.2	31.9	31.9	32.1	32.1	32.1	32.1
4000	27.6	30.2	30.6	30.7	31.6	31.6	31.6	31.7	31.7	32.5	33.2	33.2	33.4	33.4	33.4	33.4
3500	28.9	32.0	32.5	32.6	33.5	33.5	33.5	33.7	33.7	34.5	35.2	35.2	35.4	35.4	35.4	35.4
3000	29.3	32.5	33.0	33.2	34.1	34.1	34.1	34.2	34.2	35.0	35.7	35.7	36.0	36.0	36.0	36.0
2500	29.9	33.6	34.1	34.2	35.1	35.1	35.1	35.2	35.2	36.0	36.8	36.8	37.1	37.1	37.1	37.1
2000	30.6	34.6	35.1	35.2	36.1	36.1	36.1	36.3	36.3	37.0	37.8	37.8	38.1	38.1	38.1	38.1
1800	32.1	36.4	36.9	37.0	37.9	37.9	37.9	38.1	38.2	39.2	40.0	40.0	40.3	40.3	40.3	40.3
1600	34.2	38.6	39.1	39.2	40.1	40.1	40.3	40.6	40.8	41.8	43.0	43.0	43.3	43.3	43.3	43.3
1400	38.5	41.3	41.9	42.2	43.1	43.1	43.2	43.6	43.7	44.8	46.2	46.2	46.5	46.5	46.5	46.5
1200	40.5	45.5	46.2	46.5	47.6	47.6	47.7	48.1	48.3	49.7	51.1	51.1	51.7	51.7	51.7	51.7
1000	44.9	51.5	52.4	52.6	54.3	54.3	54.5	54.6	55.1	56.5	58.2	58.2	58.8	58.8	58.8	58.8
900	46.2	51.7	52.6	53.3	55.1	55.1	55.2	55.6	55.9	57.3	59.0	59.0	59.6	59.6	59.6	59.6
800	47.9	55.6	56.8	57.8	60.0	60.0	60.3	60.6	60.9	62.5	64.5	64.5	65.2	65.2	65.2	65.2
700	57.6	60.0	61.9	63.2	65.7	65.8	66.1	66.5	66.7	69.3	70.3	70.3	71.0	71.0	71.0	71.0
600	61.9	62.8	64.6	66.1	69.4	69.5	70.1	70.6	70.8	72.6	75.0	75.0	75.6	75.6	75.6	75.6
500	62.4	63.7	65.9	67.2	71.1	71.2	71.9	72.5	72.8	74.7	77.3	77.3	77.7	77.7	77.7	77.7
400	62.9	64.9	67.4	68.6	72.5	72.6	73.3	73.9	74.2	76.3	78.7	78.8	79.5	79.5	79.5	79.5
300	62.9	65.4	68.0	69.4	73.7	73.8	74.5	75.1	75.4	77.4	79.9	80.0	80.6	80.6	80.6	80.6
200	63.0	66.5	69.5	71.1	75.7	76.0	76.9	77.7	78.3	80.4	82.8	83.0	83.6	83.6	83.6	83.6
150	63.2	66.6	69.8	71.5	76.1	76.4	77.4	78.7	79.4	82.2	84.9	85.1	86.3	86.3	86.3	86.3
100	63.4	67.1	70.7	72.5	77.9	78.2	79.4	80.8	81.5	84.9	88.0	88.1	89.5	89.7	89.7	89.7
050	63.4	67.4	71.1	72.9	78.3	78.6	79.7	81.2	81.9	85.3	88.9	89.2	91.2	91.4	91.5	91.5
040	63.4	67.5	71.4	73.3	78.8	79.2	80.5	81.9	82.8	86.3	90.1	90.3	92.4	92.6	92.8	93.0
030	63.5	67.6	71.5	73.4	79.2	79.7	81.0	82.5	83.6	87.5	91.7	92.0	94.1	94.3	95.1	95.7
020	63.5	67.6	71.5	73.4	79.2	79.7	81.0	82.5	83.6	87.9	92.1	92.4	94.6	94.8	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 774

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] CAPE ROMANZOF AFS AK 73-74,77-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-2100
LST

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	10	26	25	24	23	22	27	2	21	21	2	2	2	25	2	2
	25.9	26.3	26.5	26.5	26.5	26.5	26.5	26.5	25.9	26.7	26.9	26.9	25.9	26.9	26.9	26.9
	26.5	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.5
	27.1	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.9	28.0	28.0	28.0	28.0	28.0	28.0
	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.8	28.8	28.8	28.8	28.8	28.8
	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.8	28.8	28.8	28.8	28.8	28.8
	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.8	28.8	28.8	28.8	28.8	28.8
	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.8	28.8	28.8	28.8	28.8	28.8
	28.0	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.8	29.0	29.0	29.0	29.0	29.0	29.0
	28.6	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.8	29.8	29.8	29.8	29.8	29.8
	30.4	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	31.1	31.5	31.5	31.5	31.5	31.5	31.5
	31.5	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.3	32.7	32.7	32.7	32.7	32.7	32.7
	32.5	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.7	33.7	33.7	33.7	33.7	33.7
	34.0	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.4	35.8	35.8	35.8	35.8	35.8	35.8
	35.6	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.9	36.9	36.9	36.9	36.9	36.9
	37.3	38.7	39.3	39.3	39.7	39.7	40.0	40.0	40.0	40.2	40.6	40.6	40.6	40.6	40.6	40.6
	39.7	42.2	42.7	42.9	43.5	43.5	44.1	44.1	44.1	44.3	44.7	44.9	44.9	44.9	44.9	44.9
	42.7	46.0	46.6	46.6	47.4	47.4	48.0	48.0	48.0	48.2	48.7	49.1	49.3	49.3	49.3	49.3
	46.6	50.9	51.8	52.4	53.4	53.4	54.5	54.5	54.5	55.3	55.7	55.9	55.9	55.9	55.9	55.9
	47.2	51.6	52.6	53.4	54.4	54.4	55.7	55.7	55.7	56.5	56.9	57.1	57.1	57.1	57.1	57.1
	50.1	55.1	56.3	57.4	59.0	59.0	61.1	61.1	61.1	61.9	62.3	62.7	62.7	62.7	62.7	62.7
	52.4	59.4	61.3	62.7	64.8	64.8	67.1	67.1	67.1	67.9	68.5	68.9	68.9	68.9	68.9	66.9
	53.6	61.1	63.4	64.6	67.1	67.1	69.8	69.8	69.8	70.8	71.6	72.1	72.1	72.1	72.1	72.1
	54.7	62.5	65.6	66.9	70.0	70.0	72.7	72.7	72.7	73.7	74.5	75.0	75.0	75.0	75.0	75.0
	55.3	63.8	67.3	68.9	72.5	72.5	75.4	75.6	75.6	76.6	77.5	78.1	78.1	78.1	78.1	78.1
	55.5	64.4	67.9	69.4	73.5	73.5	76.4	77.0	77.0	78.1	79.3	80.1	80.1	80.1	80.1	80.1
	55.7	65.2	68.9	70.6	75.0	75.0	78.5	79.3	79.9	81.8	83.2	83.9	84.1	84.1	84.1	84.1
	55.7	65.4	69.2	71.6	75.6	76.6	80.7	81.4	82.2	84.1	85.5	86.5	86.8	86.8	86.8	86.6
	55.9	65.8	69.8	72.3	77.6	77.8	82.6	83.4	84.1	86.1	89.6	90.5	91.1	91.1	91.1	91.1
	55.9	65.8	70.0	72.5	77.9	78.1	83.0	83.9	84.7	86.9	90.5	91.7	92.6	93.2	93.2	93.2
	55.9	65.8	70.1	72.5	78.1	78.3	83.2	84.1	84.9	87.0	90.9	92.1	93.4	94.2	94.4	94.4
	55.9	65.8	70.2	72.5	78.3	78.5	83.4	84.3	85.7	87.8	91.7	92.8	94.4	95.2	95.8	96.5
	55.9	65.8	70.2	72.5	78.3	78.5	83.4	84.3	85.7	87.8	92.1	93.2	94.8	95.7	95.9	96.5

TOTAL NUMBER OF OBSERVATIONS 217

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7,212D STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0133-2300 LST

CEILING (FEET) / VISIBILITY (STATUTE MILES)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
	33.3	33.9	34.1	34.1	34.2	34.2	34.7	34.7	34.7	34.8	35.0	35.0	35.0	35.0	35.0	35.0
	33.6	34.2	34.4	34.4	34.6	34.5	35.0	35.0	35.0	35.1	35.3	35.3	35.3	35.3	35.3	35.3
	34.1	34.7	34.8	34.8	35.0	35.0	35.5	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.8	35.8
	34.1	34.7	34.8	34.8	35.0	35.0	35.5	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.9	35.9
	34.1	34.7	34.8	34.8	35.0	35.0	35.5	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.9	35.9
	34.1	34.7	34.8	34.8	35.0	35.0	35.5	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.9	35.9
	34.1	34.7	34.8	34.8	35.0	35.0	35.5	35.5	35.5	35.6	35.8	35.8	35.8	35.8	35.9	35.9
	34.2	34.8	35.0	35.0	35.1	35.1	35.6	35.6	35.6	35.8	35.9	35.9	35.9	35.9	36.1	36.1
	35.1	35.8	35.9	35.9	36.2	36.2	36.7	36.7	36.7	36.9	37.0	37.0	37.0	37.0	37.2	37.2
	36.7	37.5	37.6	37.6	38.1	38.1	38.7	38.7	38.7	38.9	39.0	39.0	39.0	39.0	39.2	39.2
	37.8	38.6	38.7	38.9	39.2	39.2	39.8	39.8	39.8	40.0	40.1	40.1	40.1	40.1	40.3	40.3
	39.2	40.3	40.4	40.6	41.1	41.1	41.7	41.7	41.7	41.8	42.0	42.0	42.0	42.0	42.5	42.5
	40.1	41.4	41.8	42.0	42.5	42.5	43.1	43.1	43.1	43.2	43.4	43.4	43.4	43.4	43.9	43.9
	42.5	43.9	44.5	44.6	45.1	45.1	45.7	45.7	45.7	45.9	46.0	46.0	46.0	46.0	46.5	46.5
	44.5	46.2	47.3	47.4	48.2	48.2	49.0	49.0	49.0	49.1	49.3	49.3	49.3	49.3	49.8	49.8
	45.7	47.9	49.0	49.1	50.2	50.2	51.0	51.0	51.0	51.2	51.3	51.3	51.3	51.3	51.8	51.8
	49.1	52.9	54.1	54.3	55.5	55.5	56.3	56.3	56.3	57.1	57.2	57.2	57.2	57.2	57.7	57.7
	52.4	57.2	58.8	58.9	61.1	61.1	63.0	63.0	63.0	63.8	63.9	63.9	63.9	63.9	64.4	64.4
	53.2	58.5	60.3	60.5	63.3	63.3	65.2	65.2	65.2	65.9	66.1	66.1	66.1	66.1	66.6	66.6
	54.3	60.5	62.8	63.3	67.0	67.0	69.2	69.2	69.2	70.0	70.3	70.3	70.3	70.3	70.8	70.8
	57.2	65.3	68.6	69.5	74.7	74.8	77.0	77.0	77.0	78.2	78.7	78.7	79.0	79.0	79.5	79.5
	58.5	67.5	70.8	71.7	78.1	78.2	80.4	80.6	80.6	81.8	82.3	82.3	82.6	82.6	83.0	83.0
	59.9	68.0	71.7	72.8	79.3	79.5	81.8	82.0	82.0	83.5	84.0	84.0	84.3	84.3	84.8	84.8
	59.4	68.9	72.8	73.9	81.2	81.3	83.7	84.0	84.0	85.5	86.2	86.2	86.5	86.5	86.9	86.9
	59.6	69.2	73.6	74.7	82.0	82.1	84.4	84.8	84.8	86.3	86.9	86.9	87.4	87.4	88.0	88.0
	59.7	69.5	73.9	75.1	82.7	82.9	85.5	85.8	85.8	87.6	88.3	88.3	88.8	88.8	89.4	89.4
	59.7	69.8	74.3	75.7	83.5	83.7	86.3	86.6	86.6	89.1	89.9	89.9	90.7	90.7	91.4	91.6
	60.0	70.1	74.7	76.4	84.1	84.4	87.6	87.9	87.9	90.4	91.9	92.1	92.8	92.8	93.8	94.1
	60.0	70.1	74.8	76.5	84.4	84.8	88.0	88.3	88.3	90.8	93.0	93.2	93.9	94.1	95.2	95.3
	60.0	70.1	74.8	76.5	84.4	84.8	88.0	88.5	88.5	91.0	93.6	93.8	94.9	95.3	96.4	96.7
	60.0	70.1	74.8	76.5	84.4	84.8	88.0	88.5	88.8	91.3	93.9	94.1	95.2	95.6	97.2	96.9
	60.0	70.1	74.8	76.5	84.4	84.8	88.0	88.5	88.8	91.3	93.9	94.1	95.2	95.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 643

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2125 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL HOURS

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
	28.4	29.8	30.2	30.3	30.9	31.0	31.1	31.2	31.2	31.4	31.7	31.8	31.9	31.9	32.0	32.0
	29.1	30.5	30.9	31.1	31.6	31.7	31.9	31.9	31.9	32.1	32.4	32.6	32.7	32.7	32.7	32.7
	29.8	31.2	31.6	31.8	32.4	32.5	32.6	32.7	32.7	32.9	33.2	33.3	33.5	33.5	33.5	33.5
	30.2	31.6	32.0	32.2	32.9	32.9	33.1	33.2	33.2	33.3	33.7	33.8	34.0	34.0	34.0	34.0
	30.3	31.7	32.1	32.4	33.0	33.1	33.2	33.3	33.3	33.4	33.8	33.9	34.1	34.1	34.1	34.1
	30.5	32.0	32.4	32.6	33.2	33.3	33.5	33.5	33.5	33.7	34.0	34.2	34.3	34.3	34.4	34.4
	30.7	32.1	32.5	32.8	33.4	33.5	33.6	33.7	33.7	33.9	34.2	34.3	34.5	34.5	34.5	34.6
	30.8	32.3	32.7	32.9	33.6	33.6	33.8	33.9	33.9	34.0	34.4	34.5	34.7	34.7	34.7	34.8
	31.6	33.1	33.6	33.8	34.5	34.6	34.8	34.8	34.8	35.0	35.4	35.5	35.7	35.7	35.8	35.6
	33.5	35.2	35.7	36.0	36.7	36.8	37.0	37.0	37.0	37.2	37.6	37.8	38.0	38.0	38.1	38.1
	34.3	36.1	36.6	36.9	37.7	37.7	37.9	38.0	38.0	38.2	38.6	38.7	39.0	39.0	39.0	39.1
	35.6	37.7	38.3	38.6	39.5	39.6	39.9	40.0	40.0	40.2	40.6	40.8	41.1	41.1	41.2	41.3
	36.8	39.1	39.8	40.1	41.1	41.2	41.5	41.6	41.6	41.8	42.2	42.3	42.6	42.6	42.7	42.8
	37.0	41.5	42.4	42.7	43.8	43.9	44.3	44.4	44.4	44.7	45.1	45.3	45.5	45.5	45.6	45.7
	41.0	43.9	44.9	45.2	46.4	46.5	47.0	47.2	47.2	47.5	48.0	48.1	48.4	48.4	48.5	48.6
	42.6	46.0	47.1	47.5	48.9	49.0	49.5	49.7	49.7	50.0	50.6	50.7	51.0	51.0	51.1	51.3
	46.9	51.0	52.3	52.7	54.4	54.5	55.2	55.4	55.4	56.0	56.6	56.8	57.1	57.1	57.2	57.3
	50.5	55.9	57.5	58.1	60.2	60.3	61.3	61.5	61.5	62.3	63.0	63.2	63.5	63.5	63.6	63.8
	51.2	56.8	58.5	59.3	61.6	61.7	62.7	63.0	63.0	63.8	64.4	64.6	65.0	65.0	65.1	65.2
	53.3	60.0	61.9	63.0	65.7	65.8	67.0	67.4	67.4	68.2	69.2	69.2	69.7	69.7	69.8	69.9
	56.2	64.3	66.8	68.0	71.3	71.5	73.0	73.4	73.5	74.4	75.4	75.6	76.1	76.1	76.3	76.4
	57.6	66.4	69.1	70.4	74.3	74.6	76.2	76.7	76.8	77.9	79.0	79.2	79.8	79.8	80.0	80.1
	58.1	67.3	70.1	71.6	75.8	76.1	77.8	78.3	78.4	79.6	80.7	81.0	81.7	81.7	81.9	82.0
	58.5	68.1	71.1	72.7	77.2	77.5	79.3	79.9	80.0	81.3	82.5	82.8	83.5	83.5	83.7	83.9
	58.7	68.5	71.7	73.3	78.0	78.3	80.2	80.6	80.9	82.3	83.7	84.0	84.8	84.8	85.0	85.2
	58.9	69.2	72.6	74.4	79.6	79.9	82.0	82.9	83.1	84.7	86.4	86.8	87.8	87.8	88.0	88.3
	59.1	69.6	73.3	75.1	80.4	80.8	83.1	84.1	84.4	86.3	88.2	88.5	89.7	89.8	90.1	90.3
	59.3	69.9	73.7	75.7	81.2	81.6	84.2	85.3	85.6	87.9	90.3	90.7	92.0	92.1	92.4	92.8
	59.3	70.0	73.8	75.8	81.5	81.9	84.5	85.7	86.1	88.5	91.3	91.7	93.3	93.4	94.0	94.4
	59.3	70.0	73.9	75.9	81.7	82.2	84.9	86.2	86.6	89.1	92.2	92.6	94.3	94.6	95.2	95.8
	59.3	70.1	73.9	76.0	81.8	82.3	85.0	86.4	87.1	89.7	93.0	93.5	95.4	95.7	96.5	97.4
	59.3	70.1	73.9	76.0	81.8	82.3	85.0	86.4	87.2	89.8	93.3	93.7	95.8	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 5984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7120 CAPE ROMANZOF AFS AK 73-81 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2300
HOUR

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥0	
NO CEILING	36.4	38.9	41.8	41.0	42.1	42.1	42.1	42.1	42.3	42.4	44.4	44.6	45.0	45.1	45.4	46.7
≥ 25000	36.7	39.2	41.0	41.3	42.4	42.4	42.4	42.4	42.5	42.6	44.6	44.9	45.2	45.4	45.6	47.0
≥ 18000	36.8	39.4	41.3	41.5	42.9	42.9	42.9	42.9	43.0	43.1	45.1	45.4	45.7	45.8	46.1	47.5
≥ 9000	36.8	39.4	41.3	41.6	43.1	43.1	43.1	43.1	43.2	43.4	45.4	45.6	46.0	46.1	46.3	47.7
≥ 7000	36.8	39.4	41.3	41.6	43.1	43.1	43.1	43.1	43.2	43.4	45.4	45.6	46.0	46.1	46.3	47.7
≥ 5000	37.2	39.8	41.6	42.0	43.5	43.5	43.5	43.5	43.6	43.7	45.7	46.0	46.3	46.5	46.7	48.1
≥ 4500	37.2	39.8	41.6	42.0	43.5	43.5	43.5	43.5	43.6	43.7	45.7	46.0	46.3	46.5	46.7	48.1
≥ 4000	37.9	40.6	42.5	42.9	44.4	44.4	44.4	44.4	44.5	44.6	46.7	47.0	47.3	47.5	47.7	49.1
≥ 3500	39.7	42.4	44.2	44.6	46.1	46.1	46.1	46.1	46.2	46.3	48.8	49.1	49.6	49.7	50.3	51.7
≥ 3000	40.0	42.8	44.6	45.0	46.5	46.5	46.5	46.5	46.6	46.7	49.3	49.6	50.1	50.2	50.8	52.2
≥ 2500	40.9	43.7	45.6	46.0	48.0	48.0	48.0	48.0	48.1	48.2	50.8	51.1	51.5	51.7	52.3	53.7
≥ 2200	41.3	44.1	46.1	46.5	48.6	48.6	48.6	48.6	48.7	48.8	51.4	51.7	52.2	52.3	52.9	54.3
≥ 2000	42.8	46.1	48.1	48.5	50.6	50.6	50.6	50.6	50.7	50.8	53.4	53.7	54.5	54.6	55.3	56.6
≥ 1800	43.6	47.2	49.4	49.8	51.9	51.9	51.9	51.9	52.0	52.2	54.8	55.0	55.9	56.0	56.5	58.0
≥ 1600	44.1	47.8	50.1	50.4	52.9	52.9	52.9	52.9	53.0	53.2	55.8	56.0	56.9	57.0	57.6	59.0
≥ 1400	45.0	48.9	51.4	51.8	54.4	54.4	54.4	54.5	54.6	54.8	57.4	57.6	58.5	58.6	59.2	60.6
≥ 1200	46.7	51.3	54.0	54.8	57.5	57.5	58.1	58.2	58.4	58.5	61.6	61.8	62.7	62.8	63.4	64.8
≥ 1000	46.8	51.4	54.3	55.1	58.1	58.2	59.2	59.4	59.5	59.6	62.7	62.9	63.8	63.9	64.6	65.9
≥ 900	47.6	52.8	55.9	57.0	60.2	60.3	61.3	61.5	61.6	61.7	64.9	65.2	66.0	66.2	66.9	68.2
≥ 800	49.7	55.6	59.1	60.7	64.3	64.7	66.0	66.5	66.7	66.8	70.0	70.3	71.1	71.3	71.9	73.2
≥ 700	50.4	56.9	60.7	62.5	66.8	67.2	68.5	69.0	69.1	69.3	72.5	72.7	73.6	73.7	74.3	75.7
≥ 600	50.4	57.4	61.3	63.1	67.7	68.2	69.5	70.0	70.1	70.3	73.5	73.7	74.6	74.7	75.3	76.7
≥ 500	50.7	58.2	62.6	64.4	69.5	70.0	71.9	72.5	72.6	72.7	76.0	76.2	77.2	77.3	77.9	79.4
≥ 450	50.9	58.9	63.6	66.0	71.9	72.4	74.2	74.8	75.0	75.2	78.4	78.7	79.7	79.8	80.4	82.0
≥ 400	51.1	59.1	64.1	66.9	72.9	73.6	75.6	76.2	76.3	76.7	80.0	80.4	81.5	82.2	82.9	84.5
≥ 350	51.1	59.4	64.4	67.3	73.6	74.3	76.6	77.3	77.4	78.7	82.8	83.3	85.1	85.7	86.6	88.6
≥ 300	51.2	59.5	64.6	67.7	74.3	75.1	77.3	78.4	78.6	80.0	85.4	86.0	88.1	88.7	90.0	91.9
≥ 250	51.2	59.5	64.6	67.7	74.6	75.3	77.6	78.7	78.8	80.4	86.1	86.7	90.0	90.7	92.7	94.9
≥ 200	51.2	59.5	64.6	67.7	74.6	75.3	77.6	78.7	78.8	80.4	86.1	86.7	90.6	91.6	94.1	96.5
≥ 150	51.2	59.5	64.6	67.7	74.6	75.3	77.6	78.7	78.8	80.4	86.1	86.7	90.8	91.8	94.5	97.6
≥ 100	51.3	59.6	64.7	67.8	74.7	75.5	77.7	78.8	78.9	80.5	86.5	87.1	91.7	92.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	≥0
NO CEILING	36.3	38.3	39.4	39.7	41.3	41.3	41.6	41.6	41.6	41.9	43.4	43.8	44.4	44.4	44.4	45.6
≥ 20000	36.4	38.4	39.7	40.1	41.7	41.7	41.9	41.9	41.9	42.3	43.8	44.2	44.8	44.8	44.8	46.0
≥ 18000	36.7	38.6	40.0	40.3	41.9	41.9	42.2	42.2	42.2	42.6	44.2	44.5	45.1	45.1	45.1	46.6
≥ 16000	36.7	38.6	40.0	40.3	41.9	41.9	42.2	42.2	42.2	42.6	44.2	44.5	45.1	45.1	45.1	46.6
≥ 14000	36.7	38.6	40.0	40.3	41.9	41.9	42.2	42.2	42.2	42.6	44.2	44.5	45.1	45.1	45.1	46.6
≥ 12000	36.8	38.7	40.1	40.5	42.1	42.1	42.3	42.3	42.3	42.7	44.3	44.6	45.3	45.3	45.3	46.7
≥ 10000	36.8	38.7	40.1	40.5	42.1	42.1	42.3	42.3	42.3	42.7	44.3	44.6	45.3	45.3	45.3	46.7
≥ 9000	36.8	38.7	40.1	40.5	42.1	42.1	42.3	42.3	42.3	42.7	44.3	44.6	45.3	45.3	45.3	46.7
≥ 8000	36.9	38.9	40.3	40.7	42.4	42.4	42.7	42.7	42.7	43.2	44.8	45.1	45.8	45.8	45.8	47.2
≥ 7000	38.0	40.0	41.6	41.9	43.8	43.8	44.0	44.0	44.0	44.5	46.5	46.9	47.5	47.5	47.5	49.1
≥ 6000	38.7	40.8	42.4	42.8	44.6	44.6	44.9	44.9	44.9	45.4	47.5	47.8	48.5	48.5	48.8	50.3
≥ 5000	39.9	42.4	44.3	44.6	47.0	47.0	47.2	47.2	47.2	47.7	49.8	50.2	50.8	50.8	51.2	52.6
≥ 4500	40.3	43.1	45.1	45.5	47.8	47.8	48.1	48.1	48.1	48.6	50.7	51.0	51.7	51.7	52.1	53.5
4000	41.8	44.6	46.7	47.1	49.4	49.4	49.7	49.7	49.7	50.2	52.3	52.6	53.6	53.6	54.0	55.5
≥ 3500	42.6	45.9	48.1	48.5	50.9	50.9	51.4	51.4	51.4	51.9	54.0	54.4	55.4	55.4	55.7	57.2
3000	43.4	46.7	49.0	49.3	51.8	51.8	52.3	52.3	52.3	52.8	55.0	55.4	56.3	56.3	56.7	58.2
≥ 2500	44.9	49.1	51.5	52.0	54.5	54.5	55.2	55.2	55.2	55.7	57.9	58.3	59.3	59.3	59.7	61.1
2000	46.5	52.2	55.0	55.5	58.2	58.2	60.4	60.4	60.4	60.9	63.1	63.5	64.5	64.5	64.8	66.3
1800	46.7	52.5	55.4	55.8	58.8	58.9	61.4	61.4	61.4	61.9	64.1	64.5	65.4	65.4	65.8	67.3
1700	47.8	54.1	57.2	57.8	61.5	61.6	64.3	64.3	64.3	64.8	67.2	67.5	68.5	68.5	68.9	70.4
1600	50.3	57.4	60.6	61.4	65.4	65.6	68.6	69.2	69.2	69.7	72.2	72.6	73.6	73.6	73.9	75.4
1500	50.7	58.3	62.6	63.7	67.9	68.3	71.1	71.7	71.7	72.2	74.7	75.2	76.0	76.1	76.5	78.0
1400	50.9	58.5	63.0	64.3	68.6	68.8	72.0	72.6	72.6	73.1	76.0	76.4	77.5	77.6	78.0	79.5
1300	51.4	59.3	63.8	65.6	70.8	71.0	74.5	75.3	75.3	75.9	79.2	79.6	80.8	81.2	81.5	83.0
1200	51.7	59.7	64.5	66.2	72.1	72.2	75.9	76.6	76.6	77.4	80.7	81.1	82.3	82.7	83.0	84.5
1100	51.8	59.8	64.9	66.8	73.6	73.7	77.6	78.6	78.6	79.3	82.8	83.1	84.4	84.7	85.0	87.1
1000	52.3	60.3	65.4	67.3	74.2	74.4	78.4	79.3	79.3	80.6	84.1	84.6	86.3	87.0	87.8	89.5
900	52.6	60.6	65.8	67.8	74.8	75.0	79.0	80.7	80.7	82.5	86.6	87.1	89.4	90.2	91.1	92.9
800	52.6	60.8	65.9	67.9	75.0	75.3	79.2	80.9	80.9	82.8	87.2	87.7	90.0	90.8	92.1	93.8
700	52.6	60.8	65.9	67.9	75.0	75.3	79.2	80.9	80.9	82.8	87.6	88.1	91.0	91.9	93.1	96.3
600	52.6	60.8	66.1	68.0	75.2	75.4	79.3	81.1	81.1	82.9	87.7	88.2	91.1	92.1	93.6	97.3
500	52.6	60.8	66.1	68.0	75.2	75.4	79.3	81.1	81.1	82.9	87.7	88.2	91.5	92.5	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 613

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]3 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

[illegible]620-2622

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
[illegible]	34.6	36.9	38.2	39.0	41.1	41.1	41.8	41.8	42.0	42.9	44.0	44.2	45.1	45.1	45.5	46.4
20000	34.9	37.3	38.6	39.3	41.4	41.4	42.2	42.2	42.4	43.3	44.4	44.6	45.5	45.5	45.8	46.8
8000	34.9	37.3	38.6	39.3	41.4	41.4	42.2	42.2	42.4	43.3	44.4	44.6	45.5	45.5	45.8	46.8
6000	34.9	37.3	38.6	39.3	41.4	41.4	42.2	42.2	42.4	43.3	44.4	44.6	45.5	45.5	45.8	46.8
4000	35.0	37.4	38.7	39.5	41.5	41.5	42.3	42.3	42.5	43.4	44.5	44.7	45.6	45.6	46.0	46.9
3000	35.0	37.6	39.0	39.7	41.8	41.8	42.5	42.5	42.8	43.6	44.7	45.0	45.8	45.8	46.2	47.2
2500	35.0	37.6	39.0	39.7	41.8	41.8	42.5	42.5	42.8	43.6	44.7	45.0	45.8	45.8	46.2	47.2
2000	35.0	37.6	39.0	39.7	41.8	41.8	42.5	42.5	42.8	43.6	44.7	45.0	45.8	45.8	46.2	47.2
1800	35.4	38.1	39.5	40.2	42.3	42.3	43.1	43.1	43.4	44.4	45.5	45.7	46.6	46.6	46.9	47.9
1500	35.9	38.6	40.0	40.7	43.0	43.0	43.9	43.9	44.1	45.1	46.6	46.8	47.7	47.7	48.0	49.0
1200	36.6	39.3	40.7	41.5	43.9	43.9	44.7	44.7	45.0	46.0	47.4	47.7	48.7	48.7	49.1	50.1
1000	37.7	41.1	42.9	43.8	46.3	46.3	47.2	47.2	47.4	48.4	49.9	50.1	51.1	51.1	51.6	52.6
900	38.8	42.6	44.6	45.5	48.4	48.4	49.3	49.3	49.5	50.5	52.0	52.2	53.2	53.2	53.7	54.7
800	40.0	44.0	46.2	47.1	50.6	50.7	51.7	51.7	52.0	52.9	54.8	55.0	56.0	56.0	56.5	57.6
700	40.8	45.3	47.5	48.4	52.0	52.1	53.1	53.1	53.3	54.3	56.1	56.4	57.4	57.4	57.9	58.9
600	41.9	46.7	48.9	49.8	53.4	53.7	54.7	54.7	54.9	55.9	57.7	58.0	58.9	58.9	59.4	60.5
500	43.6	49.3	51.5	52.5	56.3	56.6	58.0	58.1	58.3	59.3	61.2	61.4	62.4	62.4	62.9	64.0
450	44.7	50.4	52.8	53.8	57.8	58.2	60.3	60.4	60.7	61.6	63.6	63.8	64.8	64.8	65.3	66.4
400	44.7	50.4	52.8	53.8	57.8	58.2	60.3	60.4	60.7	61.6	63.7	64.0	65.0	65.0	65.7	66.9
350	46.0	52.1	55.6	57.0	61.6	62.1	64.6	64.7	65.0	66.1	68.5	68.8	69.7	69.7	70.5	71.9
300	48.2	55.0	59.1	60.5	65.4	65.9	68.9	69.6	69.9	71.2	73.7	73.9	74.9	74.9	75.6	77.1
250	49.4	56.4	60.8	62.4	67.5	68.1	71.4	72.2	72.4	73.8	76.6	76.8	77.8	77.9	78.7	80.1
200	49.6	56.6	61.2	62.9	68.4	69.0	72.3	73.0	73.3	74.6	77.5	77.7	78.8	78.9	79.8	81.4
150	50.2	57.5	62.3	64.0	69.9	70.7	74.4	75.2	75.5	77.0	80.3	80.5	81.6	81.7	82.6	84.2
100	50.6	58.2	63.0	64.7	71.0	71.8	75.5	76.5	76.7	78.3	81.7	82.0	83.1	83.2	84.2	85.8
050	50.9	58.8	64.2	66.1	72.7	73.5	77.2	78.2	78.4	80.0	83.5	83.7	84.8	84.9	85.9	87.6
030	51.1	59.4	65.1	67.0	73.9	75.0	79.0	80.1	80.4	82.2	85.8	86.0	87.1	87.3	88.2	90.2
000	51.2	59.9	65.6	67.8	74.6	75.7	80.1	81.6	81.9	84.3	88.0	89.2	89.6	89.7	90.7	93.0
[illegible]	51.2	59.9	65.6	67.8	74.6	75.7	80.1	81.7	82.0	84.6	88.2	88.5	90.1	90.2	91.3	94.1
[illegible]	51.2	59.9	65.6	67.8	74.6	75.7	80.3	81.9	82.1	84.7	88.4	88.6	90.4	90.6	92.8	96.3
[illegible]	51.2	59.9	65.6	67.8	74.6	75.7	80.3	81.9	82.1	84.7	88.5	88.7	90.6	90.7	92.9	96.9
[illegible]	51.2	59.9	65.6	67.8	74.6	75.7	80.3	81.9	82.1	84.7	88.5	88.7	91.2	91.4	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 816

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 2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOUR)

CEILING FEET	VISIBILITY STATUTE MILES ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥5/8	≥½	<½
NO CEILING	32.5	33.2	33.9	34.2	34.9	35.0	35.9	36.3	36.4	37.5	38.0	38.3	38.6	38.7	39.3	39.6
20000	31.0	33.7	34.4	34.7	35.4	35.5	36.4	36.8	36.9	38.0	38.5	38.8	39.1	39.2	39.8	40.2
15000	31.9	34.9	35.8	36.0	36.8	36.9	37.7	38.1	38.2	39.4	40.0	40.4	40.7	40.8	41.4	41.6
10000	32.1	35.3	36.3	36.5	37.2	37.4	38.2	38.6	38.7	39.9	40.5	40.9	41.1	41.3	41.9	42.1
9000	32.4	35.5	36.5	36.8	37.5	37.6	38.5	38.8	38.9	40.2	40.8	41.1	41.4	41.5	42.1	42.4
8000	32.4	35.7	36.6	36.9	37.6	37.7	38.6	38.9	39.1	40.3	40.9	41.3	41.5	41.6	42.2	42.5
7000	32.6	35.9	36.9	37.1	37.9	38.0	38.8	39.2	39.3	40.5	41.1	41.5	41.8	41.9	42.5	42.7
6000	32.6	35.9	36.9	37.1	37.9	38.0	38.8	39.2	39.3	40.5	41.1	41.5	41.8	41.9	42.5	42.7
5000	33.6	37.5	38.6	38.8	39.7	39.8	40.7	41.1	41.3	42.6	43.2	43.6	43.8	44.0	44.6	44.8
4500	34.2	38.2	39.4	39.7	40.5	40.7	41.5	42.0	42.1	43.5	44.1	44.4	44.8	44.9	45.5	45.8
4000	34.6	38.8	40.0	40.3	41.1	41.3	42.1	42.6	42.7	44.1	44.7	45.1	45.4	45.5	46.2	46.4
3500	36.1	40.5	41.9	42.1	43.1	43.2	44.1	44.6	44.7	46.3	46.9	47.3	47.6	47.7	48.4	48.6
3000	37.1	41.5	42.9	43.1	44.2	44.3	45.2	45.7	45.9	47.4	48.0	48.4	48.7	48.8	49.5	49.7
2500	38.5	43.3	44.7	45.1	46.3	46.4	47.3	48.0	48.1	49.8	50.4	50.8	51.2	51.3	51.9	52.1
2000	40.3	45.5	46.9	47.3	48.6	48.7	49.6	50.3	50.4	52.1	52.9	53.2	53.7	53.8	54.5	54.7
1800	40.9	46.4	47.9	48.2	49.7	49.9	50.8	51.5	51.6	53.4	54.2	54.6	55.1	55.2	55.8	56.0
1600	43.1	49.3	50.9	51.3	53.0	53.2	54.1	54.8	55.1	56.8	57.8	58.1	58.6	58.7	59.3	59.6
1400	44.9	51.5	53.4	53.7	56.0	56.5	57.6	58.4	58.6	60.3	61.4	62.0	62.9	63.0	63.5	63.9
1200	45.3	52.1	54.0	54.3	56.7	57.1	58.2	59.0	59.2	60.9	62.0	62.6	63.5	63.6	64.2	64.5
1000	48.1	55.6	57.6	58.4	60.8	61.8	63.0	64.0	64.3	66.2	67.4	68.0	68.9	69.0	69.6	70.0
900	48.5	57.0	59.6	60.7	63.7	64.7	66.2	67.2	67.5	69.5	70.7	71.3	72.3	72.4	73.0	73.5
800	49.8	59.6	62.1	63.7	67.6	68.6	70.5	71.7	72.2	74.5	75.9	76.6	77.7	77.8	78.4	79.2
700	49.9	59.8	62.6	64.3	68.7	69.7	71.6	72.8	73.3	75.7	77.2	77.8	79.0	79.1	79.7	80.6
600	50.1	60.2	63.0	64.7	69.4	70.3	72.6	73.9	74.4	77.0	79.0	79.6	80.8	81.0	81.6	82.4
500	50.2	60.4	63.2	65.0	70.0	70.9	73.4	74.7	75.3	78.1	80.1	80.7	81.9	82.2	82.8	83.6
400	50.9	62.0	65.2	67.0	72.5	73.6	76.3	77.7	78.3	81.2	83.4	84.0	85.6	85.8	86.4	87.3
300	50.9	62.3	65.6	67.4	73.0	74.2	77.0	78.4	79.1	82.1	84.5	85.1	86.7	86.9	87.5	88.5
200	50.9	62.4	65.7	67.5	73.3	74.5	77.4	78.8	79.5	82.7	86.1	86.7	88.4	88.6	89.7	90.8
100	51.0	62.5	65.8	67.6	73.4	74.6	77.8	79.5	80.2	83.8	88.0	88.8	90.8	91.1	92.4	94.0
0	51.4	63.0	66.4	68.3	74.0	75.2	78.4	80.1	80.8	84.5	89.3	90.2	92.3	92.6	94.1	95.8
	51.4	63.0	66.4	68.3	74.0	75.2	78.5	80.3	81.1	84.7	90.4	91.1	93.7	93.9	95.5	97.7
	51.4	63.0	66.4	68.3	74.0	75.2	78.5	80.3	81.1	84.7	90.5	91.2	94.1	94.4	96.1	98.2

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72212 CAPE ROMANZOF AFS AK 73-81 DEC
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0		
	30.9	34.2	35.2	35.3	37.0	37.0	37.2	37.9	38.0	38.6	39.5	39.6	40.1	40.6	40.6	41.1
	31.7	35.1	36.1	36.2	37.9	37.9	38.2	38.9	39.0	39.6	40.5	40.6	41.1	41.6	41.6	42.1
	32.6	36.1	37.6	38.1	39.7	39.7	40.1	40.8	40.9	41.5	42.5	42.6	43.1	43.6	43.8	44.3
	33.1	36.6	38.2	38.9	40.5	40.5	40.9	41.5	41.6	42.3	43.3	43.4	44.0	44.5	44.7	45.3
	33.2	36.7	38.5	39.1	40.8	40.8	41.1	41.8	41.9	42.5	43.5	43.6	44.3	44.8	45.0	45.7
	33.5	37.0	38.7	39.5	41.1	41.1	41.5	42.1	42.3	42.9	43.9	44.0	44.8	45.3	45.5	46.2
	34.1	37.7	39.5	40.3	41.9	41.9	42.3	42.9	43.0	43.6	44.7	44.8	45.5	46.0	46.3	46.9
	34.2	37.9	39.6	40.4	42.0	42.0	42.4	43.0	43.1	43.8	44.8	44.9	45.7	46.2	46.4	47.0
	35.2	39.1	40.9	41.6	43.3	43.3	43.6	44.3	44.4	45.0	46.0	46.2	46.9	47.4	47.7	48.3
	36.7	41.0	42.8	43.6	45.3	45.3	45.7	46.3	46.4	47.0	48.1	48.2	48.9	49.4	49.7	50.4
	37.3	41.4	43.1	44.0	45.7	45.7	46.0	46.7	46.8	47.4	48.4	48.6	49.3	49.8	50.1	50.8
	39.0	43.4	45.3	46.2	47.8	47.8	48.2	48.8	48.9	49.6	50.6	50.7	51.4	51.9	52.2	53.0
	39.9	44.3	46.2	47.0	48.7	48.8	49.2	49.8	49.9	50.6	51.6	51.7	52.5	53.0	53.2	54.0
	41.3	45.7	47.8	48.7	50.4	50.6	50.9	51.6	51.7	52.3	53.5	53.6	54.3	54.8	55.1	55.8
	42.9	47.5	49.7	50.8	52.8	53.0	53.3	54.0	54.1	54.7	55.8	56.0	56.7	57.2	57.5	58.2
	43.3	48.1	50.3	51.4	54.1	54.2	54.7	55.3	55.5	56.1	57.2	57.4	58.1	58.6	58.9	59.6
	44.7	50.1	52.3	53.5	56.4	56.5	57.0	57.6	57.7	58.4	59.5	59.6	60.5	61.0	61.4	62.1
	46.7	52.3	54.6	55.8	58.9	59.0	59.6	60.3	60.4	61.1	62.4	62.5	63.5	64.3	64.7	65.5
	46.7	52.6	54.8	56.1	59.1	59.2	59.9	60.5	60.6	61.4	62.6	62.8	63.8	64.5	64.9	65.8
	48.9	55.2	58.0	59.2	62.4	62.5	63.4	64.0	64.2	65.0	66.5	66.7	67.7	68.4	68.9	70.1
	49.8	58.0	61.3	63.0	66.9	67.3	68.6	69.2	69.3	70.2	71.7	71.8	72.8	73.6	74.1	75.3
	50.7	59.7	63.4	65.4	69.4	69.8	71.3	72.5	72.6	73.6	75.3	75.5	76.5	77.2	77.9	79.2
	50.7	60.0	63.9	65.9	69.9	70.6	72.1	73.2	73.3	74.6	76.5	76.7	77.7	78.5	79.1	80.5
	50.9	60.3	64.2	66.2	70.7	71.4	73.2	74.3	74.6	75.8	77.9	78.1	79.1	79.9	80.5	82.0
	50.9	60.8	64.7	66.8	71.3	72.1	74.1	75.2	75.5	76.7	79.0	79.2	80.3	81.0	81.5	83.3
	51.3	61.3	65.2	67.3	72.5	73.2	75.3	76.5	76.7	78.2	80.8	81.0	82.3	83.3	84.2	85.8
	51.4	61.4	65.5	67.7	73.0	73.8	76.2	77.5	77.9	79.6	82.6	82.9	84.3	85.4	86.3	87.9
	51.4	61.6	65.9	68.1	74.1	75.0	77.4	78.7	79.4	81.6	86.0	86.3	87.9	89.1	89.9	92.2
	51.7	61.9	66.2	68.3	74.5	75.5	78.0	79.4	80.0	82.6	87.3	87.5	89.3	90.4	91.3	93.7
	51.8	62.1	66.5	68.7	75.0	76.0	78.5	80.3	80.9	83.9	89.1	89.4	91.4	92.6	93.5	96.2
	51.8	62.1	66.5	68.7	75.0	76.0	78.5	80.3	80.9	84.2	89.6	89.9	92.1	93.3	94.3	97.5
	51.8	62.1	66.5	68.7	75.0	76.0	78.5	80.3	80.9	84.2	89.7	90.1	92.3	93.6	94.5	97.7

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 ,123 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15-0-1700 (GMT)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
CLR	31.5	34.6	35.1	35.5	36.3	36.3	36.3	36.9	36.9	37.5	38.1	38.2	39.0	39.0	39.5	40.1
2000	31.5	35.0	35.5	35.9	36.7	36.7	36.7	37.3	37.3	37.9	38.6	38.7	39.5	39.5	39.9	40.6
3000	31.5	35.2	35.6	36.1	36.9	36.9	36.9	37.5	37.5	38.1	38.7	38.9	39.6	39.6	40.1	40.7
3500	32.3	35.9	36.4	36.9	37.6	37.6	37.6	38.2	38.2	38.9	39.5	39.6	40.4	40.4	40.9	41.6
4000	32.3	35.9	36.4	36.9	37.6	37.6	37.6	38.2	38.2	38.9	39.9	40.1	40.9	40.9	41.3	42.1
4500	32.6	36.3	37.2	37.6	38.4	38.4	38.4	39.3	39.3	39.6	40.7	40.9	41.6	41.6	42.1	42.9
5000	33.2	36.9	37.9	38.4	39.2	39.2	39.2	39.8	39.8	40.4	41.5	41.6	42.4	42.4	42.9	43.6
6000	33.2	36.9	37.9	38.4	39.2	39.2	39.2	39.8	39.8	40.4	41.5	41.6	42.4	42.4	42.9	43.6
7000	34.1	38.2	39.5	39.9	40.7	40.7	40.7	41.3	41.3	41.9	43.0	43.2	43.9	43.9	44.4	45.2
8000	35.9	40.6	41.8	42.2	43.0	43.0	43.0	43.6	43.6	44.2	45.3	45.5	46.2	46.2	46.7	47.8
9000	36.7	41.3	42.5	43.0	43.8	43.8	43.8	44.4	44.4	45.0	46.1	46.2	47.0	47.0	47.5	48.5
10000	37.6	42.2	43.5	43.9	44.7	44.7	44.7	45.3	45.3	45.9	47.0	47.2	47.9	47.9	48.4	49.5
12000	39.2	43.9	45.3	45.8	46.5	46.5	46.5	47.2	47.2	47.8	48.8	49.0	49.8	49.8	50.2	51.3
14000	41.6	46.7	48.2	48.8	49.9	50.1	50.2	50.8	50.8	51.6	52.7	52.8	53.6	53.6	54.1	55.1
16000	44.2	49.3	51.0	51.6	53.1	53.3	53.5	54.1	54.1	54.8	55.9	56.1	56.8	56.8	57.3	58.4
18000	45.0	50.5	52.4	53.0	54.8	55.0	55.6	56.2	56.2	57.0	58.1	58.2	59.1	59.1	59.9	61.0
20000	47.2	53.3	55.1	55.8	57.6	57.8	58.5	59.1	59.1	59.9	61.0	61.1	62.4	62.4	63.4	64.5
25000	47.8	54.5	56.4	57.1	59.1	59.3	60.1	60.7	60.7	61.4	62.8	63.0	64.2	64.2	65.3	66.4
30000	48.2	55.0	56.8	57.6	59.6	59.8	60.5	61.1	61.1	61.9	63.3	63.4	64.7	64.7	65.7	66.8
35000	49.5	57.1	59.0	59.9	62.2	62.4	63.1	63.7	63.7	64.5	65.9	66.1	67.3	67.3	68.4	69.4
40000	49.9	58.4	60.4	61.4	64.7	65.1	65.9	66.5	66.5	67.4	68.8	69.0	70.2	70.2	71.3	72.4
45000	49.9	59.1	61.1	62.2	65.4	65.9	66.8	68.2	68.2	69.3	71.0	71.1	72.7	72.7	73.7	75.0
50000	50.2	59.6	61.8	62.8	66.2	66.7	67.9	69.3	69.3	70.4	72.5	72.7	74.2	74.2	75.3	76.5
60000	50.5	60.1	62.5	63.6	67.1	67.6	69.0	70.4	70.4	71.6	73.7	73.9	75.4	75.4	76.5	77.9
70000	50.7	60.5	63.3	64.4	68.8	69.3	70.7	72.0	72.0	73.6	75.7	75.9	77.4	77.4	78.5	80.0
80000	51.0	61.2	63.9	65.0	69.6	70.0	71.4	72.8	72.8	74.3	76.5	76.7	78.2	78.2	79.7	81.3
90000	51.0	61.3	64.2	65.6	70.2	70.8	72.2	73.6	73.6	75.4	77.7	78.2	79.9	80.2	81.4	83.1
100000	51.5	62.1	65.4	67.0	71.6	72.2	74.2	75.7	76.0	78.0	81.6	82.2	84.3	84.6	86.0	88.2
120000	51.8	62.4	65.7	67.3	71.9	72.5	74.7	76.3	76.7	78.6	83.7	84.3	86.9	87.6	89.1	91.6
140000	51.8	62.4	65.7	67.3	71.9	72.5	74.7	76.7	77.0	79.3	84.8	85.4	88.0	88.6	90.3	92.9
160000	51.8	62.4	65.7	67.3	71.9	72.5	74.7	76.7	77.0	79.9	85.6	86.2	89.2	89.9	91.9	94.6
180000	51.8	62.4	65.7	67.3	71.9	72.5	74.7	76.7	77.0	79.9	86.0	86.6	90.8	91.6	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 651

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2125 — STATION — CAPE ROMANZOF AFS AK — STATION NAME — 73-74,77-81 — YEARS — DEC — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2200

VISIBILITY STATUTE MILES

CEILING FEET	≥10	10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	½	¼	0
CLR	35.5	36.9	37.6	37.6	38.2	38.4	38.4	38.4	38.4	39.3	40.1	40.1	40.3	40.3	40.3	40.3	40.3	
22000	36.7	37.2	37.6	37.8	38.4	38.6	38.6	38.6	38.6	39.5	40.3	40.3	40.6	40.8	40.8	40.8	40.8	
20000	36.3	37.8	39.4	38.4	39.1	39.3	39.3	39.3	39.3	40.1	41.0	41.0	41.2	41.2	41.2	41.2	41.2	
18000	36.9	38.9	39.5	39.5	40.1	40.3	40.3	40.3	40.3	41.2	42.0	42.0	42.3	42.3	42.3	42.3	42.3	
16000	36.9	38.9	39.5	39.5	40.1	40.3	40.3	40.3	40.3	41.2	42.0	42.0	42.3	42.3	42.3	42.3	42.3	
14000	37.2	39.1	39.9	39.9	40.8	41.0	41.0	41.0	41.0	41.9	42.7	42.7	43.0	43.0	43.0	43.0	43.0	
12000	37.2	39.1	39.9	39.9	41.0	41.2	41.2	41.2	41.2	42.0	42.9	42.9	43.2	43.2	43.2	43.2	43.2	
10000	37.2	39.1	39.9	39.9	41.0	41.2	41.2	41.2	41.2	42.0	42.9	42.9	43.2	43.2	43.2	43.2	43.2	
9000	37.6	39.5	40.3	40.3	41.4	41.6	41.6	41.6	41.6	42.5	43.3	43.3	43.6	43.6	43.6	43.6	43.6	
8000	38.9	41.0	41.8	41.8	42.9	43.1	43.1	43.1	43.1	43.9	45.0	45.0	45.3	45.3	45.3	45.3	45.3	
7000	39.1	41.2	42.0	42.0	43.1	43.3	43.3	43.3	43.3	44.2	45.2	45.2	45.5	45.5	45.5	45.5	45.5	
6000	39.5	41.8	42.7	42.7	43.7	43.9	43.9	43.9	43.9	44.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	
5000	40.8	43.1	43.9	43.9	45.0	45.2	45.2	45.2	45.2	46.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	
4000	42.3	45.2	46.1	46.1	47.1	47.3	47.3	47.3	47.3	48.2	49.3	49.3	49.6	49.6	49.6	49.6	49.6	
3500	43.3	46.7	47.6	47.6	48.6	49.0	49.0	49.0	49.0	49.9	51.0	51.0	51.3	51.3	51.3	51.3	51.3	
3000	44.6	48.4	49.5	49.5	50.5	51.0	51.0	51.0	51.0	51.8	52.9	52.9	53.2	53.2	53.2	53.2	53.2	
2500	45.4	49.3	51.2	51.8	53.3	53.7	53.7	53.7	53.7	54.6	55.6	55.6	56.5	56.5	56.5	56.5	56.5	
2000	47.1	51.6	53.7	54.6	56.3	56.7	56.9	56.9	56.9	57.7	58.8	59.8	59.7	59.7	59.7	59.7	59.7	
1800	47.6	52.2	54.6	55.4	57.1	57.5	57.7	57.7	57.7	58.6	59.7	59.7	60.5	60.5	60.5	60.5	60.5	
1500	48.2	53.7	56.7	57.5	59.9	60.3	60.5	60.5	60.5	61.4	62.4	62.4	63.3	63.3	63.3	63.3	63.3	
1200	48.8	54.4	58.2	59.7	62.4	62.8	63.9	64.3	64.3	65.2	66.7	66.7	67.5	67.5	67.5	67.5	67.5	
1000	49.5	55.0	59.2	60.7	63.7	64.1	65.4	66.2	66.2	67.1	69.2	69.2	70.3	70.3	70.3	70.3	70.3	
900	49.7	55.2	60.1	61.6	64.5	65.0	66.2	67.1	67.1	68.6	70.7	70.7	71.8	71.8	71.8	71.8	71.8	
800	50.7	56.3	61.1	62.6	65.6	66.2	67.7	68.6	68.6	70.1	72.8	72.8	74.1	74.3	74.3	74.3	74.3	
700	51.8	57.5	62.6	64.1	67.7	68.4	69.9	70.7	70.7	72.4	75.2	75.2	76.4	76.6	76.6	76.6	76.6	
600	52.4	58.2	63.3	64.8	68.4	69.0	70.5	71.3	71.3	73.2	76.0	76.4	77.7	78.6	79.6	79.6	79.6	
500	52.9	58.8	63.9	65.4	69.0	69.6	71.1	72.0	72.0	73.9	76.6	77.1	78.6	79.4	80.5	83.7	83.7	
400	53.1	59.4	65.2	66.7	70.3	71.1	72.6	74.3	74.3	76.2	80.3	80.7	82.2	83.4	84.9	86.5	86.5	
300	53.1	59.4	65.2	66.7	70.3	71.1	72.6	74.3	74.3	76.2	81.3	81.7	84.5	86.0	87.7	91.7	91.7	
200	53.1	59.4	65.2	66.7	70.3	71.1	72.6	74.3	74.3	76.2	81.5	82.0	85.6	87.3	89.8	94.3	94.3	
100	53.1	59.4	65.2	66.7	70.3	71.1	72.6	74.3	74.3	76.2	81.7	82.2	86.2	87.7	91.3	96.0	96.0	
0	53.1	59.4	65.2	66.7	70.3	71.1	72.6	74.3	74.3	76.2	81.7	82.2	86.4	88.1	92.1	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 471

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	½	¼	0
≥22000	37.8	39.6	40.3	40.5	41.6	41.6	41.9	41.9	41.9	42.6	44.0	44.1	44.6	44.6	44.6	46.3
20000	37.8	39.6	40.3	40.5	41.6	41.6	41.9	41.9	41.9	42.6	44.0	44.1	44.6	44.6	44.6	46.3
18000	38.6	40.3	41.1	41.3	42.4	42.4	42.7	42.7	42.7	43.4	44.8	44.9	45.4	45.4	45.4	46.5
16000	39.7	41.5	42.2	42.4	43.5	43.5	43.8	43.8	43.8	44.5	46.0	46.2	46.7	46.7	46.7	48.1
14000	39.7	41.5	42.2	42.4	43.5	43.5	43.8	43.8	43.8	44.5	46.0	46.2	46.7	46.7	46.7	48.1
12000	39.9	41.6	42.4	42.6	43.7	43.7	44.0	44.0	44.0	44.6	46.2	46.4	46.8	46.8	46.8	48.3
10000	40.0	41.8	42.6	42.7	43.8	43.8	44.1	44.1	44.1	44.8	46.4	46.5	47.0	47.0	47.0	48.4
9000	40.2	41.8	42.6	42.7	44.0	44.0	44.5	44.5	44.5	45.1	46.7	46.8	47.3	47.3	47.3	48.7
8000	40.3	42.2	43.0	43.2	44.5	44.5	44.9	44.9	44.9	45.6	47.2	47.3	47.8	47.8	47.8	49.2
7000	41.2	43.8	44.6	44.8	46.0	46.0	46.4	46.4	46.4	47.3	49.8	50.0	50.5	50.5	50.5	51.9
6000	42.1	44.0	44.8	44.9	46.2	46.2	46.8	46.8	46.8	47.5	50.0	50.2	50.6	50.6	50.6	52.1
5000	42.6	44.5	45.3	45.4	47.0	47.1	47.6	47.6	47.6	48.3	50.8	50.9	51.4	51.4	51.4	52.8
4500	43.7	45.9	46.7	46.8	48.6	48.6	49.2	49.2	49.2	49.8	52.4	52.5	53.0	53.0	53.0	54.4
4000	45.4	48.1	48.9	49.1	52.8	50.8	51.4	51.4	51.4	52.1	54.6	54.7	55.4	55.4	55.4	56.8
3500	46.5	49.5	50.3	50.6	52.4	52.4	53.0	53.0	53.0	53.6	56.2	56.3	57.0	57.0	57.0	58.4
3000	47.6	51.1	51.9	52.1	54.3	54.3	54.9	54.9	54.9	55.5	58.1	58.2	58.9	58.9	58.9	60.3
2500	48.1	52.4	53.5	53.8	56.0	56.0	56.6	56.6	56.6	57.3	59.8	60.0	60.6	60.6	60.6	62.2
2200	49.2	53.5	55.5	56.0	58.5	58.5	59.5	59.5	59.5	60.1	63.0	63.1	63.9	63.9	64.1	65.7
2000	50.0	54.4	56.5	57.0	59.5	59.5	60.6	60.6	60.6	61.2	64.1	64.2	65.0	65.0	65.2	66.8
1800	51.4	55.9	58.1	58.6	61.4	61.4	62.5	62.7	62.7	63.3	66.1	66.3	67.1	67.1	67.2	68.8
1600	52.7	57.8	61.1	61.7	65.8	65.8	67.7	68.4	69.4	69.1	72.2	72.3	73.1	73.1	73.3	75.0
1400	53.3	58.5	62.2	63.0	67.6	67.6	69.6	70.3	70.3	71.4	74.4	74.5	75.3	75.3	75.5	77.4
1200	53.5	58.7	62.2	63.3	67.9	67.9	69.9	70.6	70.6	71.7	75.2	75.3	76.4	76.4	76.6	78.5
1000	53.6	59.2	62.7	63.9	69.0	69.0	72.0	72.6	72.6	73.7	77.5	77.7	79.8	79.8	79.1	81.2
900	54.0	59.5	63.2	64.4	69.5	69.5	72.5	73.1	73.1	74.2	78.6	78.8	79.9	80.1	80.2	82.1
800	54.3	59.5	63.3	64.4	69.5	69.6	72.9	73.6	73.6	74.8	79.3	79.6	80.7	81.3	81.5	83.4
700	54.1	59.8	63.3	64.9	69.9	70.1	73.7	74.4	74.4	76.4	81.2	82.0	84.0	84.7	85.0	87.3
600	54.1	60.0	63.6	65.3	70.9	71.0	74.7	76.3	76.3	76.3	83.9	84.7	86.7	87.3	87.8	90.3
500	54.1	60.0	63.6	65.3	70.9	71.0	74.7	76.3	76.3	78.3	84.3	84.8	88.3	88.9	89.6	92.2
400	54.1	60.1	63.8	65.7	71.2	71.4	75.0	76.6	76.6	78.6	84.3	85.3	89.2	90.2	92.6	95.4
300	54.1	60.1	63.8	65.7	71.2	71.4	75.0	76.6	76.6	78.6	84.5	85.4	89.6	90.7	93.2	97.0
200	54.1	60.1	63.8	65.7	71.2	71.4	75.0	76.6	76.6	78.6	84.7	85.6	90.0	91.1	93.8	97.6

TOTAL NUMBER OF OBSERVATIONS 632

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2120 CAPE ROMANZOF AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	34.0	36.5	37.5	37.9	39.1	39.1	39.5	39.7	39.8	40.4	41.5	41.7	42.3	42.4	42.6	43.6
	34.4	36.9	37.9	38.2	39.5	39.5	39.9	40.1	40.2	40.8	41.9	42.2	42.7	42.8	43.0	44.1
	34.6	37.4	38.6	38.9	40.2	40.2	40.6	40.8	40.9	41.5	42.7	42.9	43.5	43.6	43.8	44.8
	35.2	37.8	39.0	39.4	40.7	40.7	41.1	41.3	41.4	42.0	43.2	43.5	44.0	44.1	44.3	45.4
	35.2	37.9	39.1	39.5	40.8	40.8	41.2	41.4	41.5	42.1	43.4	43.6	44.2	44.3	44.5	45.6
	35.4	38.1	39.4	39.8	41.1	41.2	41.5	41.7	41.8	42.5	43.7	43.9	44.5	44.6	44.9	46.0
	35.6	38.3	39.6	40.0	41.4	41.4	41.8	42.0	42.1	42.7	44.0	44.2	44.8	44.9	45.1	46.2
	35.6	38.4	39.6	40.1	41.4	41.5	41.8	42.0	42.1	42.8	44.0	44.2	44.8	44.9	45.2	46.4
	36.3	39.2	40.5	41.0	42.4	42.4	42.8	43.0	43.1	43.8	45.1	45.3	45.8	46.0	46.2	47.3
	37.5	40.6	42.0	42.4	43.8	43.9	44.3	44.5	44.6	45.3	46.5	47.1	47.7	47.8	48.1	49.1
	38.0	41.1	42.5	42.9	44.4	44.4	44.8	45.0	45.1	45.9	47.4	47.6	48.3	48.4	48.8	49.9
	39.1	42.4	44.0	44.4	46.1	46.1	46.5	46.7	46.8	47.6	49.1	49.3	50.0	50.1	50.5	51.6
	40.0	43.5	45.1	45.6	47.3	47.4	47.8	48.0	48.1	48.8	50.4	50.6	51.3	51.4	51.8	52.9
	41.5	45.4	47.1	47.5	49.5	49.6	50.0	50.2	50.3	51.1	52.7	53.0	53.7	53.8	54.3	55.4
	42.9	47.0	48.8	49.3	51.4	51.5	51.9	52.2	52.3	53.0	54.7	54.9	55.7	55.9	56.2	57.4
	43.7	48.1	49.9	50.4	52.7	52.8	53.4	53.6	53.7	54.5	56.2	56.4	57.2	57.3	57.9	58.9
	45.2	50.1	52.1	52.7	55.2	55.3	56.0	56.3	56.4	57.2	58.9	59.1	59.9	60.0	60.5	61.7
	45.6	52.1	54.4	55.1	57.8	58.0	59.1	59.4	59.5	60.3	62.2	62.5	63.4	63.6	64.1	65.3
	46.9	52.5	54.8	55.6	58.3	58.6	59.8	60.1	60.2	61.0	62.9	63.2	64.1	64.2	64.9	66.1
	48.3	54.5	57.2	58.1	61.3	61.6	63.0	63.3	63.5	64.3	66.4	66.6	67.6	67.7	68.3	69.5
	49.7	56.8	60.0	61.2	65.0	65.4	67.2	67.8	67.9	68.9	71.2	71.5	72.2	72.3	73.0	74.2
	51.4	58.1	61.6	63.1	67.2	67.6	69.6	70.5	70.6	71.7	74.2	74.3	75.3	75.5	76.1	77.6
	52.6	58.4	62.1	63.7	68.0	68.5	70.5	71.4	71.5	72.7	75.2	75.4	76.6	76.7	77.4	78.9
	54.0	59.0	62.9	64.5	69.2	69.6	72.2	73.2	73.3	74.6	77.4	77.7	78.8	79.1	79.7	81.3
	54.3	59.5	63.5	65.3	70.5	71.0	73.6	74.5	74.7	76.1	79.0	79.3	80.4	80.7	81.4	83.0
	54.6	60.0	64.3	66.2	71.7	72.3	75.0	76.0	76.2	77.6	80.7	81.0	82.3	82.8	83.5	85.2
	54.7	60.4	64.8	66.7	72.4	73.1	75.9	77.0	77.2	79.0	82.4	82.8	84.4	85.0	85.8	87.7
	54.9	60.8	65.3	67.3	73.2	74.0	76.9	78.4	78.7	80.9	85.1	85.6	87.5	88.1	89.1	91.2
	55.0	60.9	65.4	67.4	73.4	74.2	77.2	78.8	79.0	81.3	86.1	86.6	89.1	89.7	91.7	93.9
	55.1	61.0	65.5	67.6	73.6	74.4	77.4	79.0	79.3	81.7	86.9	87.3	90.1	90.9	92.9	95.6
	55.1	61.0	65.5	67.6	73.6	74.4	77.4	79.1	79.4	81.9	87.1	87.7	90.7	91.6	93.7	96.9
	55.1	61.0	65.6	67.6	73.6	74.4	77.5	79.1	79.4	81.9	87.3	87.9	91.3	92.2	94.6	98.0

TOTAL NUMBER OF OBSERVATIONS 1634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 212 CAPE NUMANZOF AFS AK 73-81 ALL
STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	6	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
	26.2	27.8	28.3	28.5	29.1	29.2	29.5	29.6	29.7	30.0	30.4	30.4	30.6	30.7
	27.2	28.8	29.3	29.5	30.2	30.2	30.5	30.7	30.7	31.2	31.5	31.5	31.7	31.9
	28.3	29.7	30.3	30.5	31.1	31.2	31.5	31.7	31.7	32.2	32.5	32.5	32.8	32.9
	29.3	30.0	30.4	30.6	31.5	31.6	31.9	32.1	32.1	32.4	32.8	32.9	33.1	33.1
	29.5	30.2	30.8	31.0	31.7	31.7	32.0	32.2	32.2	32.6	33.0	33.1	33.3	33.3
	29.8	30.5	31.1	31.3	32.0	32.0	32.3	32.5	32.6	32.9	33.2	33.4	33.6	33.7
	29.3	31.1	31.7	31.9	32.6	32.7	33.0	33.2	33.2	33.5	34.0	34.0	34.3	34.3
	29.8	31.6	32.2	32.4	33.1	33.2	33.5	33.7	33.7	34.0	34.5	34.5	34.8	34.8
	31.4	33.3	34.0	34.2	34.9	35.0	35.3	35.6	35.6	35.9	36.4	36.4	36.7	36.8
	33.5	35.5	36.2	36.5	37.2	37.3	37.7	37.9	37.9	38.3	38.8	38.8	39.1	39.1
	34.3	36.4	37.1	37.4	38.2	38.3	38.6	38.9	38.9	39.2	39.8	39.8	40.1	40.2
	35.6	37.8	38.6	39.0	39.8	39.9	40.3	40.5	40.5	40.9	41.5	41.5	41.8	41.9
	36.4	38.7	39.5	39.9	40.8	40.9	41.3	41.5	41.5	41.9	42.5	42.5	42.9	42.9
	38.6	41.1	42.0	42.4	43.4	43.5	43.9	44.1	44.2	44.6	45.1	45.2	45.6	45.6
	40.6	43.3	44.4	44.8	45.8	46.0	46.4	46.7	46.7	47.1	47.7	47.8	48.2	48.2
	42.5	45.6	46.7	47.1	48.3	48.5	48.9	49.2	49.3	49.7	50.3	50.4	50.8	51.0
	45.1	48.6	49.9	50.3	51.6	51.7	52.2	52.5	52.6	53.1	53.7	53.8	54.2	54.3
	47.1	52.2	53.7	53.9	55.4	55.6	56.2	56.5	56.6	57.1	57.8	57.9	58.3	58.4
	48.9	52.9	54.7	54.9	56.4	56.6	57.3	57.6	57.7	58.2	58.9	59.1	59.5	59.6
	51.6	56.5	58.3	58.6	60.5	60.7	61.5	61.9	62.1	62.6	63.3	63.4	63.9	64.1
	55.4	60.9	62.7	63.7	65.7	66.0	67.0	67.5	67.6	68.3	69.1	69.2	69.7	69.8
	57.5	63.6	65.7	66.6	69.1	69.5	70.6	71.1	71.2	72.2	73.0	73.1	73.7	73.7
	58.6	64.9	67.2	68.3	71.0	71.2	72.4	73.0	73.1	74.2	75.0	75.1	75.7	75.8
	59.3	65.9	68.3	69.5	72.2	72.6	73.9	74.6	74.7	75.7	76.8	76.9	77.6	77.7
	59.8	66.7	69.3	70.6	73.4	73.6	75.1	75.9	76.1	77.1	78.4	78.5	79.2	79.3
	61.9	66.4	71.1	72.5	75.7	76.1	77.7	78.6	78.9	80.2	81.5	81.6	82.4	82.5
	62.2	69.9	72.9	74.5	77.9	78.4	80.2	81.3	81.6	82.9	84.6	84.8	85.7	85.8
	63.1	71.6	74.8	76.6	80.3	80.9	82.9	84.2	84.6	86.2	88.4	88.6	89.7	89.8
	63.4	72.3	75.7	77.6	81.5	82.1	84.3	85.7	86.1	87.9	90.5	90.7	92.0	92.1
	63.6	72.7	76.1	78.1	82.2	82.9	85.2	86.7	87.2	89.2	92.0	92.5	93.9	94.1
	63.6	72.8	76.3	78.4	82.6	83.3	85.7	87.4	87.9	90.1	93.9	93.9	95.6	95.9
	63.6	72.8	76.4	78.4	82.6	83.3	85.7	87.4	88.0	90.2	93.8	94.1	95.9	96.4

TOTAL NUMBER OF OBSERVATIONS 6552

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — PERIOD
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	00-02	21.1			16.1						19.0	43.8	6.6	752
	03-05	20.6			18.7						18.9	42.5	6.5	785
	06-08	16.2			18.8						18.9	46.1	6.9	794
	09-11	9.2			15.4						25.8	49.6	7.8	803
	12-14	7.8			15.6						34.1	42.5	7.8	786
	15-17	5.6			17.3						31.8	45.3	7.9	623
	18-20	8.6			16.4						30.8	44.2	7.7	373
	21-23	18.1			16.8						21.3	43.8	6.8	536
TOTALS		12.4			16.8						25.1	44.8	7.3	5449

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 .120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — PERIOD
FEB — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	30.7			19.4						16.5	33.1	5.4	680
	03-05	29.4			18.9						13.8	37.9	5.6	708
	06-08	24.8			18.0						17.6	39.6	5.1	717
	09-11	14.1			22.7						29.2	34.0	6.7	739
	12-14	11.2			25.8						26.8	36.3	6.8	714
	15-17	8.6			26.5						27.5	35.5	6.9	629
	18-20	12.0			32.1						17.6	38.3	6.4	392
	21-23	27.2			20.8						17.4	34.6	5.7	500
TOTALS		19.6			23.3						20.8	36.2	6.2	5079

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 [illegible]20	CAPE ROMANZOF AFS AK	73-81	MAR
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		
MAR	00-02	23.2			19.3						19.6	37.9	5.1	776
	03-05	22.0			20.9						17.9	39.3	5.2	810
	06-08	11.4			23.1						28.7	36.8	7.1	823
	09-11	11.0			20.5						31.6	36.9	7.2	831
	12-14	10.3			23.6						23.9	42.2	7.1	823
	15-17	7.4			23.2						28.3	41.1	7.4	757
	18-20	5.6			23.7						26.8	43.0	7.4	589
	21-23	18.2			23.0						19.2	39.6	6.4	604
TOTALS		13.8			22.2						24.5	39.6	5.9	5973

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2120 | CAPE ROMANZOF AFS AK | 73-81 | APR
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	13.2			19.2						16.1	46.5	6.7	765
	03-05	10.2			22.3						20.1	47.5	7.2	807
	06-08	8.4			20.5						24.4	46.7	7.5	810
	09-11	7.2			19.2						30.0	43.6	7.6	809
	12-14	6.9			17.3						30.0	45.8	7.8	810
	15-17	6.2			17.4						28.1	48.3	7.9	791
	18-20	6.3			19.0						26.6	48.0	7.8	662
	21-23	12.3			20.5						18.3	48.9	7.2	650
TOTALS		9.5			19.4						24.2	46.9	7.5	6104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 2120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — 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	11.1			18.5						23.7	46.7	7.4	799
	03-05	8.3			18.6						25.8	47.4	7.6	834
	06-08	5.6			18.7						33.3	42.4	7.8	833
	09-11	5.1			18.8						33.2	42.9	7.8	837
	12-14	4.9			20.9						33.0	41.1	7.7	836
	15-17	6.5			21.8						32.2	39.5	7.5	774
	18-20	6.8			22.5						32.2	38.5	7.4	600
	21-23	9.6			19.7						26.8	43.9	7.4	665
TOTALS		7.2			19.9						30.0	42.8	7.6	6178

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7.2120 CAPE ROMANZOF AFS AK 73-81 JUN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	6.3			10.9						20.6	62.2	8.4	717
	03-05	3.9			12.4						24.2	59.6	8.5	752
	06-08	3.1			11.4						22.9	62.6	8.7	780
	09-11	2.5			12.9						24.8	59.7	8.6	785
	12-14	1.8			13.5						27.2	57.5	8.6	769
	15-17	2.7			14.0						23.6	59.6	8.5	622
	18-20	.5			10.9						22.3	66.4	9.0	422
	21-23	2.6			12.4						20.8	64.2	8.7	547
TOTALS		2.9			12.3						23.3	61.5	8.6	5394

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

70/120 CAPE ROMANZOF AFS AK 73-81 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	4.5			14.8						19.9	60.9	8.3	795
	03-05	2.7			14.6						21.2	61.5	8.5	821
	06-08	2.6			11.8						21.9	63.8	8.7	817
	09-11	1.5			13.5						24.0	61.0	8.7	820
	12-14	2.2			13.1						28.2	56.5	8.6	818
	15-17	2.0			13.4						30.3	54.3	8.6	694
	18-20	1.9			12.2						28.1	57.8	8.7	531
	21-23	2.8			14.3						24.3	58.6	8.5	635
TOTALS		2.5			13.5						24.7	59.3	8.6	5921

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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (PERIOD) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	5.2			12.0						16.3	66.5	9.5	768
	03-05	2.5			13.8						22.3	61.5	9.8	820
	06-08	2.4			9.0						27.7	60.9	9.9	796
	09-11	1.4			11.4						27.2	60.0	9.8	806
	12-14	.7			11.6						28.1	59.6	9.8	765
	15-17	.3			10.6						30.1	59.0	9.9	831
	18-20	1.1			8.3						31.0	59.5	9.0	529
	21-23	3.3			11.2						23.0	62.5	9.7	800
TOTALS		2.1			10.6						25.7	61.6	9.8	5697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

703120 | CAPE ROMANZOF AFS AK | 73-81 | SEP
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		
SEP	00-02	6.4			15.7						16.0	62.0	9.1	771
	03-05	5.7			12.1						21.8	60.3	9.4	801
	06-08	1.9			9.5						32.9	55.7	9.8	802
	09-11	1.2			10.0						35.0	53.8	9.8	803
	12-14	.4			10.2						35.3	54.1	9.9	783
	15-17	.4			9.2						37.3	53.1	9.9	699
	18-20	.4			11.7						32.3	55.6	9.8	514
	21-23	3.2			18.9						21.7	56.2	9.1	594
TOTALS		2.5			12.2						29.0	56.4	9.6	5766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	8.5			12.9						24.4	54.2	8.0	824
	03-05	8.3			15.0						23.0	53.8	7.9	836
	06-08	4.5			11.6						30.3	53.5	8.4	837
	09-11	4.2			10.5						38.2	47.1	8.5	837
	12-14	4.1			9.0						36.5	50.5	8.6	836
	15-17	2.8			9.9						34.4	52.9	8.7	781
	18-20	1.6			15.0						31.4	52.0	8.5	588
	21-23	5.5			16.0						24.3	54.2	8.1	670
TOTALS		4.9			12.5						30.3	52.3	8.3	6169

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (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	13.4			18.3						17.6	50.6	7.2	796
	03-05	11.4			20.5						16.6	51.5	7.3	796
	06-08	9.1			21.1						22.3	47.5	7.4	802
	09-11	6.1			16.8						31.5	45.6	7.9	839
	12-14	7.2			14.0						30.6	48.3	8.0	813
	15-17	5.6			17.7						23.1	53.6	8.0	774
	18-20	6.2			17.4						19.5	56.9	8.0	517
	21-23	12.1			17.2						21.6	49.1	7.4	638
TOTALS		8.9			17.9						22.9	50.4	7.7	5942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

702120 CAPE ROMANZOF AFS AK 73-81 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	24.3			15.6						12.9	47.3	6.4	777
	03-05	28.2			12.2						14.4	45.2	6.2	779
	06-08	23.3			17.4						14.4	44.9	6.3	777
	09-11	10.5			21.1						23.7	44.7	7.2	797
	12-14	9.0			24.9						25.6	40.5	7.1	778
	15-17	7.4			28.7						22.1	41.8	7.2	637
	18-20	19.4			18.9						17.2	44.5	6.6	454
	21-23	22.3			17.2						14.6	46.2	6.5	610
TOTALS		18.0			19.5						18.1	44.4	6.7	5802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] CAPE [illegible]OF AFB, AK 73-81 ALL
STATION STATION NAME YEARS HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS L S T	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN		
		0	1	2	3	4	5	6	7	8	9	10			
JAN	ALL	17.4			1.7						5.1	44.4	7.7	546	
FEB		13.6			1.3						2.7	35.2	7.2	502	
MAR		12.6			1.2						24.5	37.6	5.9	597	
APR		7.6			1.3						24.2	46.1	7.1	540	
MAY		7.2			1.3						10.3	42.1	7.6	617	
JUN		5.6			1.3						17.3	31.1	7.5	1334	
JUL		5.6			1.5						24.7	39.2	7.5	570	
AUG		10.1			1.6						16.7	31.6	7.0	567	
SEP		10.7			1.2						19.5	33.4	7.6	576	
OCT		14.6			1.3						7.3	27.3	7.3	544	
NOV		13.2			1.7						2.9	21.4	7.7	534	
DEC		16.4			1.4						5.1	44.4	7.7	560	
ANNUAL		11.5			1.7						14.9	49.7	7.7	6127	

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

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

E

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computation for each element is also shown.

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

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY TEMPERATURES

70120 CAPE ROMANZOF AFS AK 54-65, 69-81

STATION / STATION NAME / YEARS

MAXIMUM

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 75							.5	.4					.1
≥ 70					.3	.2	2.2	1.6					.4
≥ 65						2.5	6.7	4.3					1.1
≥ 60					1.5	6.3	15.3	12.0	2.1	.1			3.2
≥ 55					3.9	17.0	35.1	33.6	8.0	.5			5.[illegible]
≥ 50					11.3	34.2	64.8	69.3	26.1	1.3			17.2
≥ 45	.9	.3	.3	.8	29.6	57.3	93.0	97.1	67.1	5.2	.2	.3	29.3
≥ 40	3.3	1.7	2.1	4.4	49.8	84.1	99.8	99.9	90.5	19.5	1.2	.7	37.9
≥ 35	12.4	6.5	9.4	18.7	73.3	96.8	100.0	100.0	98.0	45.1	17.2	4.8	48.4
≥ 30	32.4	24.3	30.2	46.7	91.4	99.8			100.0	78.6	41.2	20.8	63.8
≥ 25	46.6	32.9	43.6	60.9	97.9	100.0				94.2	60.8	35.1	72.7
≥ 20	56.2	42.1	52.9	71.8	99.4					99.0	77.1	48.1	79.0
≥ 15	61.7	51.6	63.3	83.6	99.8					99.6	88.7	59.6	84.1
≥ 10	69.1	56.9	73.2	93.2	100.0					99.9	94.7	69.4	88.3
≥ 5	75.8	69.1	82.2	97.9						100.0	99.1	80.0	92.1
≥ 0	82.4	77.9	91.0	99.4							99.5	89.9	95.1
≥ -5	92.7	87.3	95.2	100.0							100.0	96.2	97.7
≥ -10	98.8	95.9	97.5									98.8	99.3
≥ -15	99.9	99.3	99.5									99.9	99.9
≥ -20	100.0	99.8	99.8									100.0	100.0
≥ -25		100.0	100.0										100.0
MEAN	16.6	14.3	18.9	25.8	39.7	45.9	53.0	52.9	45.5	34.2	25.9	17.2	32.8
S.D.	1[illegible].322	15.391	13.646	[illegible].967	8.223	7.742	6.775	5.577	5.547	6.479	9.754	12.743	17.252
TOTAL OBS	664	584	652	657	648	599	545	651	65[illegible]	698	563	698	7377

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

CL AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7 125 CAPE ROMANZOF AFS AK 64-65, 69-81
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
70								.1					.0
65							.2	.3					.0
60							.5	1.2					.2
55						.0	3.7	3.5	.2				.7
50					.3	1.0	15.3	19.7	3.2	.3			3.4
45	.2				2.2	13.3	51.8	66.8	23.5	.4			13.5
40	.6				9.6	41.4	91.0	95.3	57.7	4.1			25.0
35	1.6	.3	.0	2.1	31.5	78.5	99.7	99.6	85.5	16.6	2.0	.1	34.7
30	2.1	1.0	1.4	4.1	42.4	87.6	99.8	100.0	93.6	26.7	4.7	1.6	38.6
25	9.0	5.3	5.7	12.3	61.3	97.3	100.0		97.4	44.2	11.5	3.9	45.4
20	21.4	13.2	18.9	28.3	84.9	100.0			99.7	70.6	26.2	11.5	56.2
15	32.3	19.4	28.4	43.4	95.2				100.0	88.8	44.5	23.0	64.6
10	40.4	28.2	35.7	54.2	98.3					97.8	66.6	32.8	71.6
5	48.6	35.8	45.4	66.5	99.7					99.4	82.8	44.0	77.0
0	57.8	46.3	56.1	80.5	99.8					99.9	90.8	56.6	82.5
-5	65.6	58.2	69.9	92.5	100.0					100.0	96.7	68.6	87.6
-10	75.2	67.6	81.4	97.7							99.4	83.1	92.2
-15	88.2	81.7	90.5	99.4							100.0	93.4	96.2
-20	96.4	91.2	96.2	100.0								97.8	98.5
-25	99.3	98.0	98.6									99.3	99.6
-30	100.0	99.8	99.7									100.0	100.0
-35		100.0	100.0										100.0
MEAN	5.7	4.2	8.2	15.9	31.2	38.9	45.0	46.1	40.4	28.1	15.1	7.8	24.3
S.D.	15.392	15.111	14.278	11.343	6.822	5.133	4.619	4.493	5.312	6.570	9.211	12.876	15.394
TOTAL OBS	667	589	652	657	643	579	645	681	657	658	653	676	7577

USAFETAC FORM 0215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7[illegible] 12[illegible] CAPE ROMANZOF AFS AK 54-65, 69-81
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70								.3					.0
65							1.2	1.5					.2
60					.2	.3	5.1	3.4					.8
55					.9	4.2	16.1	13.8	2.4	.3			5.1
50					2.8	14.2	42.3	47.4	13.3	.8			17.1
45	.3				9.9	36.9	81.2	88.8	44.7	1.5			32.0
40	1.2	.2	.5	1.1	31.0	69.4	98.4	99.3	79.7	10.9	.2	.1	52.5
35	4.2	2.2	2.9	7.5	55.1	92.5	100.0	100.0	95.9	31.7	5.0	2.0	71.5
30	16.7	10.7	14.6	25.4	81.6	99.5			99.2	61.0	23.7	9.2	53.4
25	33.5	21.1	28.6	45.1	93.4	100.0			100.0	85.2	42.5	22.9	64.4
20	43.0	30.2	37.4	58.8	98.9					97.2	66.7	32.9	72.2
15	53.1	36.9	49.5	68.8	99.8					99.0	82.1	46.1	78.2
10	60.7	49.9	60.6	83.6						99.9	90.2	58.7	83.6
5	67.3	60.1	73.2	93.6	100.0					100.0	96.4	71.0	88.6
0	75.6	67.4	82.2	98.2							99.2	81.2	92.1
-5	84.6	78.1	90.6	99.4							100.0	92.0	95.5
-10	94.9	89.3	95.7	100.0								97.2	98.2
-15	99.0	96.4	98.0									99.0	99.4
-20	100.0	99.7	99.7									100.0	99.9
-25		100.0	100.0										100.0
MEAN	13.0	9.3	13.7	21.1	36.7	42.9	49.2	49.7	43.7	31.4	22.3	12.6	29.8
S D	15.197	15.104	13.7	11.408	7.294	6.104	5.392	4.880	5.202	6.517	8.755	12.685	17.579
TOTAL OBS	669	589	652	657	648	599	645	661	660	688	663	696	7377

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7 129 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
84-85, 89-81 — YEARS

*WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54	32	23	46	59	61	69*	69*	67	58	47	42*	34	69
55 *	33*	31	34	43	48	53	66	63	57	41	35*	37	66
56	41	35	35	43	54	68	71	66	60	42	35*	30	71
57	42	48	37	41	62	72	69	70	61*	43*	43*	38	72
58 *	32	28	36*	45*	53*	62*	56						
59		*	14	38	55	61	58	60	60	52	35	31	
60	41	42	39*	43	56	67	70	69	51	45	42	37	70
61	41	23	33	42	54	61	60	64	49	42	31	28	64
62	33*	41	44	39	46	67	78	62	60	43	34	33	78
63	43	37	35	42	63	66	68	64	62	47	35	40	68
64	34	33	32	36*	33								
65						*	72	66	59*	35*	34	26	
66									*	47	35	33	
70 *	37					*	65	64	57	46	42*	35	
71	43	38	44	45	55	62	75	63	62	41	35	41	75
72	34	34	29	38	49	61	75	73	55	47	35	37	75
73	35	35	46	43	51*	65*	69	65	63	42	39	34	* 69
74	39	33	43	45	71	66	73	71	63	39	36	32	73
75	32	33	32	34	53	56	67	66	47	44	37	30	67
76	32	31	34	41	49	59	64	72	55	45	39	33	72
77	42	34	33	37	41	54	69	78	56	46	43	36	78
78	30	38	37	46	60	60	63	68	65	39	39	37	68
79 *	44	33	37	38	57	67	66	69	61	55	45	34	69
80	39	40	37	39	49	57	73	67	67	47	36	34	73
81	32	36	43	42	70	68	70	67	66	48	38	34	70
MEAN	39.2	35.5	37.1	41.2	54.2	62.1	68.4	65.2	58.2	45.4	38.0	34.4	71.6
S.D.	4.753	6.15	5.822	3.278	7.661	5.369	5.151	5.237	4.782	5.274	4.535	5.453	4.017
TOTAL OBS.	661	589	655	657	648	599	645	681	667	675	653	635	7777

NOTES * (EXCEEDED OR EQUALED IN LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7 120 CAPE ROMANZOF AFS AK 64-65, 69-81
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
64	-19	-23	-14	4	29	34*	36*	44	32	22	7*	-19	-27
65	-9*	-20	-11	-4	27	30	38	33	34	11	6*	-12	* -27
66	-13	-20	-22	-9	24	33	40	40	27	15	-4*	-1	-22
67	-11	-16	-6	2	22	36	39	44	28*	11*	12*	-2	* -28
68	-19	-1	3*	13*	13*	41*	42						
69		*	3	-4	22	27	31	38	29	16	1	-19	
70	-23	-19	-2*	-9	25	28	38	29	30	10	2		-23
71	-14	-17	-14	-10	26	34	37	39	33	16	-1	-22	-22
72	-21*	2	-2	-3	13	27	41	37	29	19	-1	-1	-21
73	-16	-5	-8	-1	18	29	35	27	32	9	-6	-7	-16
74	-11	-22	-25	-11*	5								
75						*	32	35	25*	16*	15	-14	
76									*	13	2	-2	
77	-14					*	41	42	27	13	15*	-4	
78	-22	-23	-25	-1	14	33	37	36	33	24	-1	-7	-25
79	-14	-11	-13	3	25	28	39	41	29	19	11	-7	-19
80	-22	-12	-20	0	5*	30*	39	34	31	13	5	-8	-22
81	-21	-24	-15	-6	20	31	43	45	37	10	-7	-19	-24
	-13	-17	-19	-2	19	27	37	43	31	4	-9	-23	-23
	-16	-23	-11	-5	23	33	35	41	36	6	-6	-6	-23
	-7	-7	-26	-12	14	25	41	48	33	15	-1	-11	-26
	-3	-26	-5	3	30	35	41	44	32	18	10	3	-26
	4	-9	-17	9	30	34	43	45	32	22	14	-14	-17
	-23	-9	-2	6	22	34	39	37	34	23	15	-1	-23
	-3	-15	4	16	27	35	36	36	29	17	1	-3	-15
MEAN	-15.1*	-15.8	-12.3	-1.3	21.3	33.9	38.3	39.3	31.3	14.4	4.3	-7.3	-21.4*
S.D.	8.324	7.136	8.679	6.914	8.021	3.391	2.612	4.070	3.437	5.444	5.772	7.35	4.850
TOTAL OBS.	662	598	652	657	648	599	645	691	665	713	683	735	7917

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

▲ (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39		.1	.1		.1													3	3			
38/ 37		.4	.1	.5														8	8	2		1
36/ 35	.5	2.1	1.0															28	28	11		2
34/ 33	.5	4.8	.8															47	47	33		14
32/ 31	2.0	8.0	.5															80	80	68		47
30/ 29	2.7	4.7	.4															60	60	89		48
28/ 27	2.7	3.8	.3															52	52	57		69
26/ 25	2.3	3.1	.7															47	47	41		62
24/ 23	1.3	2.3	.4															31	31	45		38
22/ 21	1.3	2.0	.3															27	27	26		32
20/ 19	2.7	3.0																44	44	36		40
18/ 17	.9	2.2	.3															26	26	34		32
16/ 15	1.0	1.2																17	17	21		19
14/ 13	1.4	1.6																23	23	22		21
12/ 11	1.6	1.3	.1															23	23	24		30
10/ 9	.8	1.8																20	20	19		35
8/ 7	.5	1.0																12	12	18		12
6/ 5	1.0	1.3																18	19	14		13
4/ 3	3.3	.5																29	29	33		15
2/ 1	.9	.8																13	13	12		31
0/ -1	1.0	.8																14	14	12		14
-2/ -3	2.6	.8																26	26	28		14
-4/ -5	2.3	.4																21	21	24		12
-6/ -7	3.0	.1																24	24	23		12
-8/ -9	3.4																	26	26	27		10
-10/-11	3.4																	26	26	26		27
-12/-13	1.0																	8	8	8		23
-14/-15	.9																	7	7	7		27
-16/-17																						21
-18/-19	.5																	4	4	4		11
-20/-21	.4																	3	3	3		12
-22/-23																						6
-24/-25																						1
-26/-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 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-28/-29																			6
-30/-31																			1
-32/-33																			2
-40/-41																			1
-46/-47																			2
-48/-49																			1
-52/-53																			1
TOTAL	46.3	48.1	5.0	.5	.1												768		767
																	767	767	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5033590	61274	79.9	13.448	767							
Dry Bulb	386319	12723	16.6	15.129	768	19.3	82.6					93
Wet Bulb	357120	12116	15.8	14.709	767	19.6	87.4					93
Dew Point	328606	8652	11.3	17.366	767	25.0	90.9					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (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
40/ 39			.4															3	3		
38/ 37		.4	.3		.3													7	7	2	
36/ 35	.3	1.3	.9	.3	.3													23	23	10	1
34/ 33	1.0	5.5	.9															59	59	25	16
32/ 31	2.5	6.3	.9															77	77	78	46
30/ 29	1.8	4.5	.5															54	54	72	46
28/ 27	3.9	4.9	.3															72	72	83	61
26/ 25	2.3	3.3																44	44	49	63
24/ 23	1.3	2.8	.4															35	35	45	49
22/ 21	.9	1.3	.5															21	21	22	39
20/ 19	2.1	3.3																41	41	35	37
18/ 17	1.4	1.5																23	23	32	31
16/ 15	.8	1.4																17	17	18	29
14/ 13	1.4	2.0																27	27	17	20
12/ 11	1.8	1.1																23	23	32	28
10/ 9	2.1	1.4																28	28	29	25
8/ 7	.5	.8																10	10	11	29
6/ 5	1.1	1.0																17	17	17	17
4/ 3	2.8	1.5																34	34	30	13
2/ 1	.9	.5																1	11	15	23
0/ -1	1.8	.4																17	17	18	20
-2/ -3	2.8	.5																26	27	27	16
-4/ -5	3.1	1.0																33	33	30	9
-6/ -7	2.1	.1																18	18	22	11
-8/ -9	3.1																	25	25	26	27
-10/-11	3.3																	26	26	26	23
-12/-13	1.1																	9	9	9	16
-14/-15	1.1																	9	9	9	24
-16/-17	.4																	3	3	3	22
-18/-19	.8																	6	6	6	15
-20/-21	.1																	1	1	1	11
-22/-23	.1																	1	1	1	9
-24/-25																					6
-26/-27																					4

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B. Dep. Bulb	TOTAL Wet Bulb = Dew Point
-28/-29																				1
-30/-31																				4
-32/-33																				1
-34/-35																				1
-36/-37																				1
-38/-39																				2
-46/-47																				1
-50/-51																				1
-54/-55																				2
TOTAL	98.3	46.1	4.9	.3	.5													801		800
																		800	800	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 50 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5176907	63379	79.2	13.963	800							
Dry Bulb	327576	12956	16.2	15.330	801	[illegible].3	82.3					93
Wet Bulb	366429	12325	15.4	14.865	800	20.7	88.7					93
Dew Point	340165	8553	10.7	17.643	800	26.4	91.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

 0600-0800 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1	.1														2	2		
40/ 39			.4	.1														4	4		
38/ 37		.1	.1	1.0														10	10	6	
36/ 35		.9	1.5		.1													20	20	2	1
34/ 33	2.0	3.8		.1														48	48	33	19
32/ 31	3.2	5.3	1.1															78	78	81	47
30/ 29	2.4	5.8	.5															70	70	59	37
28/ 27	4.0	4.5	.1															69	69	96	59
26/ 25	2.0	3.3																43	43	47	83
24/ 23	.7	2.1																23	23	39	45
22/ 21	1.1	2.0	.4															28	28	22	32
20/ 19	2.0	2.2																34	34	30	39
18/ 17	1.6	3.1	.1															39	39	73	32
16/ 15	.4	1.5	.2															17	17	25	30
14/ 13	1.6	1.5	.1															26	26	27	21
12/ 11	2.1	1.0																25	25	30	21
10/ 9	1.5	1.1	.1															22	22	24	25
8/ 7	1.0	1.4																19	19	14	30
6/ 5	1.9	.6																20	20	26	21
4/ 3	1.9	.6																20	20	22	13
2/ 1	.4	1.5																15	15	8	34
0/ -1	1.9	.5																19	19	23	10
-2/ -3	1.7	.7																20	21	22	10
-4/ -5	3.5	.5																32	32	32	16
-6/ -7	2.1	.4																20	20	19	11
-8/ -9	3.8																	31	31	34	23
-10/-11	2.6																	21	21	21	24
-12/-13	1.9																	15	15	15	14
-14/-15	.7																	6	6	6	18
-16/-17	.5																	4	4	4	21
-18/-19	.7																	6	6	6	23
-20/-21																					6
-22/-23																					13
-24/-25																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 0600-0900

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27																						2
-28/-29																						2
-30/-31																						2
-32/-33																						3
-34/-35																						4
-36/-37																						2
-40/-41																						1
-52/-53																						3
TOTAL	49.	144.	5	4.8	1.4	.1												806		807		806

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.	5207479	53687	79.0	14.752	806							
Dry Bulb	399689	13102	16.2	15.231	807	20.2	83.3					93
Wet Bulb	369065	12477	15.5	14.783	806	21.0	88.3					93
Dew Point	346866	8564	10.7	17.814	806	25.0	90.7					93

FORM 0-26-3 OL A (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JAN

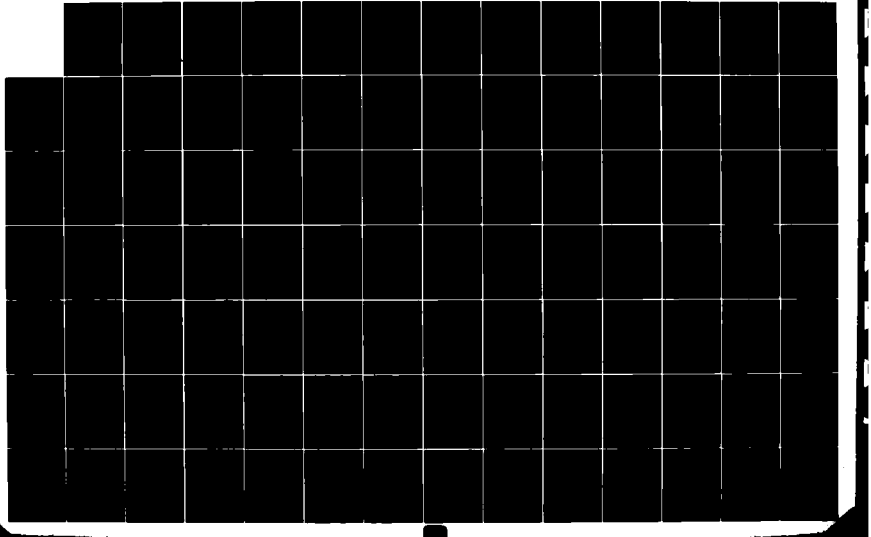
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F.) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>30	TOTAL DB	TOTAL WB	TOTAL DEW PT	TOTAL WET PT
44/ 43				.2														2	2		
42/ 41					.2													2	2		
40/ 39			.1															1	1	1	
38/ 37		.4	.4	.2														5	5	4	
36/ 35	.6	1.6	.1															19	19	16	
34/ 33	1.5	2.5	.5	.5														40	40	34	16
32/ 31	4.4	6.4	.4															91	91	86	55
30/ 29	3.6	5.3	.6															77	77	85	34
28/ 27	2.7	4.1	.4															58	58	75	67
26/ 25	2.2	3.6																47	47	52	50
24/ 23	1.4	.9	.1															19	19	36	46
22/ 21	2.1	3.1																42	42	32	43
20/ 19	2.2	2.1																35	35	40	26
18/ 17	1.5	2.1	.5															29	29	23	38
16/ 15	.7	1.7	.1															22	22	27	31
14/ 13	1.6	1.7																27	27	27	23
12/ 11	1.1	1.1	.1															19	19	22	29
10/ 9	2.3	.9																26	26	32	22
8/ 7	1.0	.5																12	12	12	27
6/ 5	2.3	1.0																27	27	24	14
4/ 3	1.4	1.6																24	24	23	19
2/ 1	.9	1.7																21	21	20	39
0/ -1	1.5																	12	13	19	7
-2/ -3	2.3	.4																22	22	20	14
-4/ -5	2.6	.1																22	22	23	18
-6/ -7	2.0																	24	24	25	21
-8/ -9	2.3																	19	19	19	23
-10/-11	3.8																	31	31	31	13
-12/-13	1.5																	12	12	12	10
-14/-15	1.0																	8	9	8	23
-16/-17	.4																	3	3	3	16
-18/-19	1.0																	8	9	8	21
-20/-21	.1																	1	1	1	15
-22/-23																					6

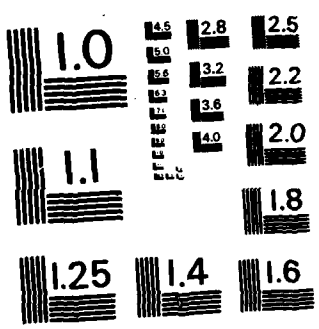
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 78 F	≤ 80 F	≥ 90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3-OL-A (3-73) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

AD-A130 206 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 4/5

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 374 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

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-24/-25																					13
-26/-27																					6
-28/-29																					5
-30/-31																					2
-32/-33																					2
-34/-35																					3
-36/-37																					1
-40/-41																					2
-48/-49																					1
-58/-59																					1
TOTAL	52.6	42.8	3.3	1.0	.2													810	811	810	810

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5329818	64596	79.7	9.691	810							
Dry Bulb	402813	13229	16.3	5.179	811	18.7	88.7					93
Wet Bulb	373619	12639	15.6	8.767	810	19.8	87.6					93
Dew Point	351771	8855	10.9	7.753	810	28.5	90.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41					.1													1	1		
40/ 39			.1	.1														2	2		
38/ 37		.3	.1	.1														4	4		
36/ 35	.3	2.9	.9															32	32	10	1
34/ 33	1.6	4.3	.9															54	54	48	22
32/ 31	2.4	7.7	.1	.3														83	83	63	50
30/ 29	2.7	4.3	.4															58	58	83	54
28/ 27	2.8	4.7	.4															62	62	64	64
26/ 25	1.6	3.8	.5															47	48	46	58
24/ 23	1.0	2.9																31	31	47	34
22/ 21	2.1	1.9																32	32	38	42
20/ 19	1.5	2.0																28	28	24	41
18/ 17	1.1	1.8	.3															25	25	27	27
16/ 15	.9	1.3																17	17	17	30
14/ 13	1.3	2.5	.1															31	31	22	19
12/ 11	1.3	1.5																22	22	29	29
10/ 9	2.1	1.1																26	26	31	19
8/ 7	1.3	.8																16	16	17	20
6/ 5	1.8	.4																17	17	20	19
4/ 3	1.9	1.3																25	25	20	18
2/ 1	.9	1.6																20	20	20	31
0/ -1	2.1	.4																20	20	24	18
-2/ -3	2.7	.9																28	29	27	14
-4/ -5	1.8	.6																19	19	20	12
-6/ -7	2.1	.3																19	19	21	26
-8/ -9	3.0																	24	24	25	17
-10/-11	2.5																	20	20	20	16
-12/-13	1.8																	18	18	18	10
-14/-15	.6																	5	5	5	20
-16/-17	.3																	2	2	2	18
-18/-19	.8																	6	6	6	9
-20/-21																					15
-22/-23	.1																	1	1	1	8
-24/-25																					13

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 1200-1800 (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				
-26/-27																					5
-28/-29																					5
-32/-33																					3
-34/-35																					2
-36/-37																					1
-48/-49																					3
TOTAL	46.4	49.2	3.8	.5	.1													791	793	791	791

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.	5161905	62893	79.5	9.288	791							
Dry Bulb	4000009	13283	16.7	5.027	791	18.6	82.1					93
Wet Bulb	3696497	12603	15.9	8.619	791	19.8	86.2					93
Dew Point	3885O7	8923	11.3	7.569	791	25.0	90.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37		1.0	.3	.2														9	9	1	
36/ 35		2.1	.8	.2														19	19	8	1
34/ 33	1.5	5.3	.5	.2														44	44	30	10
32/ 31	3.9	8.6	.6															81	81	66	55
30/ 29	4.5	3.6	.8															55	55	75	61
28/ 27	2.6	4.4	1.0															49	49	49	41
26/ 25	1.8	3.6	.5															36	36	42	44
24/ 23	1.6	1.1																17	17	36	30
22/ 21	2.3	2.6	.2															31	31	24	32
20/ 19	2.4	1.8	.2															27	27	27	38
18/ 17	.5	1.9	.3															17	17	17	22
16/ 15	1.3	1.8																17	17	19	25
14/ 13	.8	2.6	.2															22	22	14	21
12/ 11	1.8	1.5	.2															21	21	30	12
10/ 9	1.8	1.0	.2															18	18	20	12
8/ 7	.2	1.3																7	7	8	26
6/ 5	1.1	1.1																14	14	14	13
4/ 3	1.9	.5																15	15	17	10
2/ 1	.6	1.1																11	11	10	19
0/ -1	2.3	.3																16	16	17	16
-2/ -3	1.8																	11	12	13	7
-4/ -5	1.3	.3																10	10	8	11
-6/ -7	2.4	.2																16	16	17	13
-8/ -9	2.1																	13	13	18	12
-10/-11	2.9																	18	18	18	9
-12/-13	1.3																	8	8	8	9
-14/-15	1.1																	7	7	7	14
-16/-17	.3																	2	2	2	5
-18/-19	.5																	3	3	3	4
-20/-21	.6																	4	4	4	2
-22/-23																					12
-24/-25																					13
-26/-27																					4
-28/-29																					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												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-30/-31																					4
-32/-33																					1
-34/-35																					2
-36/-37																					2
-42/-43																					1
TOTAL	46.9	46.9	5.7	.5															619		618
																		618		618	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4116477	49629	80.3	8.570	618							
Dry Bulb	335879	11107	17.9	8.866	619	16.8	82.2					93
Wet Bulb	311553	10613	17.2	8.876	618	16.7	87.1					93
Dew Point	288687	7869	12.7	7.878	618	22.0	91.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73,78-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35		2.4	1.1															13	13		
34/ 33	1.6	6.6	.8															34	34	24	6
32/ 31	6.1	12.5	1.1															74	74	61	43
30/ 29	4.2	3.2	1.1															32	32	50	52
28/ 27	2.4	3.7																23	23	29	22
26/ 25	1.6	3.4																19	19	23	28
24/ 23	.8	1.9																10	10	15	12
22/ 21	4.0	2.7																25	25	24	20
20/ 19	3.4	4.2	1.3															34	34	19	30
18/ 17	.8	2.4																12	12	21	21
16/ 15	1.1	3.2																16	16	19	15
14/ 13	.5	1.3																7	7	9	12
12/ 11	1.6	1.1																10	10	11	14
10/ 9	.8	.5																5	5	7	10
8/ 7	1.1																	4	4	6	14
6/ 5	1.1	1.9																11	11	9	1
4/ 3	1.9																	7	7	9	10
2/ 1	1.6	.8																9	9	8	13
0/ -1	.8																	3	3	4	7
-2/ -3	.8	.3																4	4	4	4
-4/ -5	.3																	1	1	1	4
-6/ -7	.5	1.1																6	6	2	4
-8/ -9	.8																	3	3	7	4
-10/-11	2.4																	9	9	9	1
-14/-15	.8																	3	3	3	3
-16/-17																					2
-18/-19	.5																	2	2	2	3
-20/-21	.3																	1	1	1	1
-22/-23																					1
-24/-25																					5
-26/-27																					2
-28/-29																					1
-32/-33																					3
-36/-37																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73.78-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-40/-41																					2
TOTAL	41.6	53.1	5.3																377		377
																		377		377	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2574829	30699	81.4	19.125	377							
Dry Bulb	229675	7997	21.2	12.637	377	7.9	81.8					93
Wet Bulb	213705	7669	20.3	12.388	377	8.1	87.1					93
Dew Point	189295	6111	16.2	15.892	377	12.8	91.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.2		.2														2	2		
36/ 35	.6	2.4	.6															19	19	4	2
34/ 33	.7	6.5	.2															40	40	26	4
32/ 31	4.8	8.7	.7															77	77	66	63
30/ 29	3.0	3.5	.2															36	36	58	42
28/ 27	2.0	4.8	.4															39	39	37	33
26/ 25	1.1	3.0																22	22	30	32
24/ 23	.7	3.3	.4															24	24	29	22
22/ 21	3.7	2.6	.4															36	36	34	23
20/ 19	4.6	4.4																49	49	39	46
18/ 17	.9	1.7																14	14	28	34
16/ 15	.7	2.2																16	16	13	23
14/ 13	.6	1.1																9	9	11	18
12/ 11	2.6	1.1																20	20	22	20
10/ 9	.6	.6																6	6	7	19
8/ 7	.6	1.9																13	13	12	13
6/ 5	2.2	.9																17	17	21	8
4/ 3	2.0	.6																14	14	12	8
2/ 1	2.0	1.5																19	19	18	26
0/ -1	.6	.2																4	4	6	12
-2/ -3	.9	.4																7	7	7	9
-4/ -5	.6	.2																4	4	4	9
-6/ -7	2.2	.2																13	13	13	6
-8/ -9	3.5																	19	19	20	6
-10/-11	2.2																	12	12	12	5
-12/-13	.2																	1	1	1	8
-14/-15	.4																	2	2	2	12
-16/-17	.7																	4	5	4	12
-18/-19	.4																	2	2	2	6
-20/-21																					7
-22/-23																					2
-24/-25																					4
-26/-27																					1
-28/-29																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																					2
-38/-39																					1
-54/-55																					1
TOTAL	45.2	51.9	2.8	.2														541			540
																	540		540		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3704737	44233	81.9	12.295	540							
Dry Bulb	291985	10113	18.7	3.807	541	11.9	82.5					93
Wet Bulb	271700	9716	18.0	3.412	540	12.2	87.5					93
Dew Point	281136	7566	14.0	5.838	540	17.8	82.0					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.0														2	2		
42/ 41			.0	.0	.1													5	5		
40/ 39		.0	.2	.0	.0													13	13	1	
38/ 37		.3	.2	.3	.0													48	48	13	1
36/ 35	.3	1.9	.9	.1	.1													173	173	55	8
34/ 33	1.3	4.7	.6	.1														366	366	255	109
32/ 31	3.4	7.5	.7	.0														641	641	549	416
30/ 29	3.0	4.5	.5															442	442	571	374
28/ 27	3.0	4.4	.3															424	424	490	416
26/ 25	1.9	3.4	.2															305	306	328	430
24/ 23	1.1	2.2	.2															190	190	292	276
22/ 21	2.0	2.2	.2															242	242	222	263
20/ 19	2.5	2.7	.1															292	292	250	297
18/ 17	1.1	2.1	.2															185	185	215	237
16/ 15	.8	1.7	.1															139	139	159	202
14/ 13	1.2	1.8	.1															172	172	189	155
12/ 11	1.7	1.2	.1															163	163	200	179
10/ 9	1.6	1.1	.0															151	151	169	167
8/ 7	.8	.9																93	93	98	171
6/ 5	1.6	1.0																141	142	145	108
4/ 3	2.1	.9																168	168	166	106
2/ 1	.9	1.2																119	119	111	216
0/ -1	1.6	.3																105	106	123	104
-2/ -3	2.1	.5																148	148	148	88
-4/ -5	2.1	.4																142	142	142	91
-6/ -7	2.3	.2																140	140	142	104
-8/ -9	2.9																	160	160	172	122
-10/-11	3.0																	163	163	163	120
-12/-13	1.2																	67	67	67	90
-14/-15	.9																	47	47	47	141
-16/-17	.3																	18	19	18	117
-18/-19	.7																	37	37	37	82
-20/-21	.2																	10	10	10	71
-22/-23	.0																	2	2	2	57

Element (X)	Σx^2	Σx	$\bar{x}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25																					64
-26/-27																					24
-28/-29																					26
-30/-31																					13
-32/-33																					15
-34/-35																					12
-36/-37																					10
-38/-39																					3
-40/-41																					6
-42/-43																					1
-46/-47																					3
-48/-49																					5
-50/-51																					1
-52/-53																					4
-54/-55																					3
-58/-59																					1
TOTAL	47.6	47.2	4.4	.6	.2												5509	5517	5509	5509

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	36300742	440390	79.9	14.106	5509							
Dry Bulb	2843540	94870	17.1	8.908	5517	180.8	662.1					744
Wet Bulb	2632838	90156	16.4	8.496	5509	188.6	700.2					744
Dew Point	2431033	85113	11.8	7.368	5509	186.1	728.1					744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35	.1	.3	.1															4	4	1	
34/ 33	1.6	2.3	.9															33	33	17	8
32/ 31	2.1	3.7	.7															46	46	36	29
30/ 29	1.7	2.3	.9															31	31	43	16
28/ 27	1.7	3.0	.3															35	35	33	30
26/ 25	.6	2.4	.3															23	23	26	29
24/ 23	.6	1.7	.1															17	17	27	23
22/ 21	1.4	1.7	.1															23	23	24	24
20/ 19	2.1	3.7	.6	.1														46	46	27	32
18/ 17	1.0	2.1	.7															27	27	32	21
16/ 15	1.6	1.4	.6															25	25	28	22
14/ 13	1.3	1.3	.4															21	21	25	30
12/ 11	1.0	2.3	.4															26	26	20	15
10/ 9	.4	1.6	.3															16	16	19	17
8/ 7	1.4	2.6																28	28	32	20
6/ 5	1.1	2.1																23	23	32	12
4/ 3	2.0	1.6																25	25	25	23
2/ 1	3.0	2.0																35	35	26	27
0/ -1	3.7	.3																28	28	37	20
-2/ -3	2.4	1.4																27	27	26	30
-4/ -5	3.3	.3																25	25	26	42
-6/ -7	3.3	.6																27	27	28	21
-8/ -9	4.0																	28	31	29	25
-10/-11	3.4																	24	24	24	30
-12/-13	2.1																	15	15	15	22
-14/-15	.7																	5	6	5	31
-16/-17	2.3																	16	16	16	23
-18/-19	1.7																	12	12	12	10
-20/-21	1.0																	7	7	7	17
-22/-23	.3																	2	3	2	15
-24/-25																					14
-26/-27																					14
-28/-29																					5
-30/-31																					2

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE (JUN 71)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0000-0200 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35																				1
TOTAL	53.1	40.7	6.0	.1														705.		700
																	700		700	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4234055	53349	76.2	14.060	700							
Dry Bulb	242628	7154	10.1	5.541	705	26.3	79.6					84
Wet Bulb	223005	6713	9.6	5.064	700	27.2	81.8					84
Dew Point	218073	2851	4.1	7.186	700	38.6	83.0					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.4																3	3		
36/ 35		.1	.3															3	3	3	1
34/ 33	.7	2.1	.1															21	21	10	5
32/ 31	2.1	3.7	1.1															50	50	34	28
30/ 29	2.2	2.8	.6															40	40	44	25
28/ 27	1.7	3.5	.3															39	39	39	30
26/ 25	.6	3.5																29	29	36	25
24/ 23	1.0	1.4																17	17	31	21
22/ 21	1.1	2.5	.4	.1														30	30	20	33
20/ 19	1.8	2.8	.3															35	35	34	28
18/ 17	.8	1.7	.1															19	19	24	24
16/ 15	1.4	2.8	1.4															40	40	24	28
14/ 13	.8	1.9	.4															23	23	28	28
12/ 11	.7	1.4	.1															16	16	29	17
10/ 9	.8	2.8	.3															28	28	18	15
8/ 7	1.0	3.6																33	33	38	16
6/ 5	1.0	2.9																28	28	38	11
4/ 3	2.1	1.2																24	24	24	23
2/ 1	1.8	1.4																23	23	21	48
0/ -1	3.9	.4																31	31	34	35
-2/ -3	3.0	.6																26	26	29	20
-4/ -5	3.7	.3																29	29	28	32
-6/ -7	3.7	.3																29	29	28	20
-8/ -9	4.6																	33	36	35	35
-10/-11	3.2																	23	23	23	24
-12/-13	2.6																	19	19	19	20
-14/-15	.6																	4	5	4	29
-16/-17	1.8																	13	13	13	23
-18/-19	1.4																	10	10	10	21
-20/-21																			2		14
-22/-23	.7																	5	5	5	17
-24/-25	.1																	1	1	1	11
-26/-27																					8
-28/-29																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (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
-30/-31																				3
TOTAL	50.7	43.8	5.4	.1													724	730	724	724

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4342512	552W0	76.2	13.608	724							
Dry Bulb	250010	7606	10.4	15.305	730	26.4	80.9					84
Wet Bulb	228612	7148	9.9	14.788	724	26.6	82.5					84
Dew Point	219907	3197	4.4	16.871	724	16.9	83.3					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37	.1	.4		.3														6	6	1	1
36/ 35		.3																2	2	3	
34/ 33	.7	1.8																18	18	14	2
32/ 31	3.7	4.2	.8															64	64	44	40
30/ 29	1.9	2.7																34	34	46	25
28/ 27	1.2	3.0	.3	.1														34	34	31	20
26/ 25	.3	3.0	.1															25	25	29	41
24/ 23	.7	2.6	.1															25	25	29	12
22/ 21	2.3	1.2	.1															27	27	31	32
20/ 19	2.0	2.0	.1															31	31	31	40
18/ 17	1.1	.8																14	14	16	21
16/ 15	1.2	2.7	.4															32	32	15	25
14/ 13	.8	2.0	.4															24	24	27	11
12/ 11	1.2	2.6	.8															34	34	28	18
10/ 9	1.4	2.0	.4															28	28	39	19
8/ 7	.7	2.3																22	22	25	25
6/ 5	2.4	1.9																32	32	39	9
4/ 3	1.6	2.6																31	31	27	19
2/ 1	2.0	1.8																28	28	31	45
0/ -1	3.5	.8																32	32	31	38
-2/ -3	2.4	.5																22	22	26	23
-4/ -5	3.0	.1																23	23	24	36
-6/ -7	5.2	.1																39	42	40	28
-8/ -9	3.3																	24	24	24	27
-10/-11	3.0																	22	22	22	36
-12/-13	3.8																	28	28	28	14
-14/-15	1.5																	11	11	11	29
-16/-17	1.1																	8	9	8	24
-18/-19	1.5																	11	11	11	18
-20/-21	.1																	1	2	1	16
-22/-23																					18
-24/-25	.4																	3	3	3	13
-26/-27																					8
-28/-29																					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												

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	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				
-32/-33																					4
-34/-35																					1
TOTAL	54.3	41.6	3.7	.4														735	740	735	735

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.	4510711	56713	77.2	13.547	735							
Dry Bulb	252264	7596	10.3	15.357	740	26.0	81.0					84
Wet Bulb	233714	7172	9.8	18.935	735	26.2	81.8					84
Dew Point	228890	3298	4.5	17.063	735	37.7	83.7					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | FEB MONTH

 0930-1100 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					
40/ 39			.1	.1															2	2		
38/ 37		.4																	3	3		
36/ 35	.3	.7	.3																9	9	8	
34/ 33	.7	2.0	.7																25	25	16	6
32/ 31	2.3	4.6	.5	.1															56	56	33	33
30/ 29	.9	2.2		.1															24	24	47	24
28/ 27	1.5	3.2	.3																37	37	31	28
26/ 25	.8	3.0	.1																29	29	32	34
24/ 23	.8	3.5																	32	32	40	18
22/ 21	1.5	1.8	.1																25	25	26	35
20/ 19	1.9	2.3	.1																32	32	26	38
18/ 17	1.1	1.9	.1																23	23	26	24
16/ 15	.8	2.6	.3																27	27	23	22
14/ 13	1.5	2.6	.4																33	33	27	16
12/ 11	.9	1.8	.3																22	22	25	28
10/ 9	1.5	2.2	.1																28	28	35	22
8/ 7	.9	2.0																	22	22	21	19
6/ 5	.9	1.2																	16	16	21	15
4/ 3	3.2	2.3																	41	41	43	12
2/ 1	1.2	2.2																	25	25	23	28
0/ -1	3.9	.4																	32	32	36	31
-2/ -3	2.7	.4																	23	23	25	28
-4/ -5	3.9	.5																	33	33	31	36
-6/ -7	5.4																		40	43	43	27
-8/ -9	3.6																		27	27	27	32
-10/-11	3.2																		24	24	24	37
-12/-13	1.8																		13	13	13	25
-14/-15	2.7																		20	20	20	28
-16/-17	1.4																		10	10	10	21
-18/-19	.4																		3	3	3	22
-20/-21	.1																		1	1	1	21
-22/-23																						12
-24/-25	.4																		3	4	3	10
-26/-27																						5

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0900-1100 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-28/-29																					1
-30/-31																					3
-38/-39																					1
-42/-43																					1
-48/-49																					1
TOTAL	52.	443.	6	3.	5	.4													744.		740
																		740		740	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4519955	56935	76.9	13.735	740							
Dry Bulb	258585	7927	10.7	15.309	744	26.3	79.6					88
Wet Bulb	237845	7855	10.1	18.880	740	26.8	81.3					88
Dew Point	231177	3899	5.2	17.042	740	38.8	83.3					88

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 1200-1400 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39			.1	.3														3	3		
38/ 37		.4	.1															4	4		
36/ 35		1.4	.6															14	14	7	
34/ 33	1.0	3.0	.6															33	33	23	5
32/ 31	1.8	3.2	.6	.4	.1													44	44	38	32
30/ 29	1.5	2.8	.1	.1														33	33	39	28
28/ 27	1.4	3.9	.8															44	44	40	33
26/ 25	.7	3.2	.4															31	31	35	32
24/ 23	.6	2.1	.3															21	21	33	21
22/ 21	1.4	1.0																17	17	24	27
20/ 19	2.8	2.8	.3															42	42	30	29
18/ 17	1.5	1.5	.8															28	28	31	35
16/ 15	1.0	1.7	.7															24	24	21	26
14/ 13	.7	1.1	.6															17	17	23	27
12/ 11	.4	1.9	.3															19	19	14	14
10/ 9	1.2	3.4	.3															36	36	32	16
8/ 7	.6	1.9	.3															20	20	28	24
6/ 5	.6	1.7																16	16	21	7
4/ 3	2.6	2.2																35	35	38	16
2/ 1	2.5	4.1																48	48	39	43
0/ -1	2.2	.1																17	17	29	23
-2/ -3	4.7	1.0																41	41	38	30
-4/ -5	4.6	.4																36	36	37	31
-6/ -7	3.7																	27	29	30	36
-8/ -9	2.8																	20	21	20	39
-10/-11	1.7																	12	12	12	36
-12/-13	1.7																	12	12	12	19
-14/-15	2.2																	16	16	16	22
-16/-17	.8																	6	6	6	12
-18/-19	.8																	6	6	6	22
-20/-21																					8
-22/-23	.4																	3	3	3	9
-24/-25																					9
-26/-27																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
-28/-29																					5
-30/-31																					1
-48/-49																					2
TOTAL	47.6	44.7	6.8	.8	.1														728		725
																		725		725	

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.	4374458	55362	76.3	19.296	725							
Dry Bulb	267113	8579	11.8	5.111	728	23.0	77.8					88
Wet Bulb	242093	7983	11.0	8.598	725	28.2	80.5					88
Dew Point	223507	6021	5.5	6.671	725	35.8	83.8					88

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.5	.2	.3														6	6		
36/ 35	.3	.8	.6	.3														13	13	5	
34/ 33	.6	2.7	.5															24	24	17	6
32/ 31	2.7	2.9	.2	.6														40	40	39	31
30/ 29	2.4	2.4	.8	.2														36	36	33	16
28/ 27	1.9	1.7	.8	.2														29	29	30	34
26/ 25	.8	3.0	.5															27	27	25	26
24/ 23	1.1	2.2	.5															24	24	37	16
22/ 21	1.0	.8	.5															14	14	21	23
20/ 19	2.2	2.7	1.0															37	37	23	24
18/ 17	1.1	2.2	.8															26	26	29	23
16/ 15	.8	2.2	.5															22	22	22	24
14/ 13	.8	2.4	.2															21	21	24	17
12/ 11	1.1	1.9	.3															21	21	23	18
10/ 9	1.0	3.8	.6															34	34	24	28
8/ 7	1.1	3.0																26	26	33	20
6/ 5	.5	1.7																14	14	24	11
4/ 3	1.9	2.2																26	26	26	24
2/ 1	2.1	2.5																29	29	26	39
0/ -1	2.7	.3																19	19	25	25
-2/ -3	2.7	.6																21	21	21	17
-4/ -5	5.2	1.3																41	41	37	26
-6/ -7	3.3	.2																22	23	27	24
-8/ -9	2.7																	17	19	18	43
-10/-11	1.7																	11	11	11	23
-12/-13	1.0																	6	6	6	19
-14/-15	1.4																	9	9	9	11
-16/-17	1.4																	9	9	9	17
-18/-19	.3																	2	2	2	18
-20/-21	.2																	1	1	1	8
-22/-23	.3																	2	3	2	5
-24/-25																					6
-26/-27																					4
-28/-29																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 1500-1700 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
-30/-31																						1
TOTAL	46.	44.	2	7.8	1.6															633.		629
																		629			629	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3780302	47918	76.2	18.379	629							
Dry Bulb	233558	7774	12.3	18.781	633	21.8	78.3					84
Wet Bulb	209887	7227	11.5	18.210	629	22.8	81.1					84
Dew Point	183428	3816	6.1	15.985	629	33.1	83.2					84

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73,75,78-81 YEARS | FEB MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37			.3															1	1		
36/ 35	.5	2.8	.3															14	14	5	1
34/ 33	1.0	3.1	1.3															21	21	15	7
32/ 31	2.6	4.4	1.8															34	34	28	25
30/ 29	2.1	1.0	.5															14	14	24	17
28/ 27	1.0	1.5																10	10	14	20
26/ 25	.3	2.8	.3	.3														14	14	11	4
24/ 23	.5	1.8	.5															11	11	16	9
22/ 21	2.3	.3	.8															13	13	14	17
20/ 19	1.8	2.8	1.3	.3														24	24	14	20
18/ 17	.5	1.3	1.3															12	12	12	8
16/ 15	.8	2.3	1.3															17	17	20	9
14/ 13	1.0	1.3																9	9	14	6
12/ 11	1.3	2.1	.8															16	16	12	9
10/ 9	.8	4.9	.8															25	25	17	17
8/ 7	1.3	3.6																19	19	28	10
6/ 5	1.5	2.6																16	16	23	6
4/ 3	2.3	2.1																17	17	16	13
2/ 1	2.6	3.6																24	24	22	34
0/ -1	2.3																	9	9	15	22
-2/ -3	4.4	.3																18	18	18	17
-4/ -5	3.8	1.3																20	20	15	13
-6/ -7	1.8	.5																9	15	12	21
-8/ -9	2.8																	11	11	13	25
-10/-11	.8																	3	3	3	15
-12/-13	.3																	1	1	1	8
-14/-15	.5																	2	2	2	8
-16/-17	.5																	2	2	2	6
-18/-19	.3																	1	1	1	8
-20/-21																					6
-22/-23	.5																	2	2	2	2
-24/-25	.3																	1	1	1	3
-28/-29																					3
-30/-31																					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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73.75.78-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	42.	346.	211.	0	.5													396		396	390
																		390		390	

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.	2310467	29355	75.3	16.108	390							
Dry Bulb	147344	5172	13.1	18.213	396	18.0	76.4					84
Wet Bulb	132572	4816	12.3	13.708	390	18.3	79.7					84
Dew Point	117087	2569	6.6	16.047	390	38.0	82.3					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35	.8	1.4	.2															12	12	4		
34/ 33	.4	3.3	1.0															24	24	18		4
32/ 31	1.6	4.3	1.6															38	38	23		32
30/ 29	1.9	1.8																19	19	37		19
28/ 27	1.4	2.3	.4															21	21	20		17
26/ 25	.6	1.9	.4															15	15	17		17
24/ 23	.8	2.3	.2															17	17	23		10
22/ 21	1.6	1.0	.2															14	14	14		21
20/ 19	2.1	3.3	1.0															33	33	21		27
18/ 17	1.4	3.7	.4															28	28	25		13
16/ 15	1.9	2.3	.8															26	26	33		15
14/ 13	.6	1.0	.6															11	11	13		25
12/ 11	1.0	1.4	.4															14	14	14		16
10/ 9	1.8	2.5																22	22	19		14
8/ 7	.2	3.7																20	20	14		15
6/ 5	.8	1.9																14	14	32		14
4/ 3	1.8	1.9																19	19	18		6
2/ 1	3.1	2.5																29	29	23		20
0/ -1	1.9	1.0																15	15	18		18
-2/ -3	5.1																	26	26	31		23
-4/ -5	2.1	.2																12	12	11		30
-6/ -7	4.3	.6																25	27	24		28
-8/ -9	3.5																	18	19	20		21
-10/-11	2.7																	14	14	14		27
-12/-13	1.4																	7	7	7		10
-14/-15	.6																	3	3	3		14
-16/-17	1.4																	7	7	7		11
-18/-19	.8																	4	4	4		11
-20/-21	1.0																	5	5	5		10
-22/-23	.4																	2	2	2		7
-24/-25																						7
-26/-27																						8
-28/-29																						3
-32/-33																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) FEB (MONTH)

PAGE 2 2100-2300 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	48.6	44.4	7.0															514	517	514	514

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3089760	39160	76.2	14.398	514							
Dry Bulb	185603	5953	11.5	5.062	517	22.9	78.2					84
Wet Bulb	169859	5557	10.8	4.629	514	23.9	80.4					84
Dew Point	158086	2728	5.3	6.731	514	37.4	83.3					84

USAFETAC FORM 0-26-3-OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | FEB MONTH

PAGE 1 | ALL HOURS

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
40/ 39			.0	.1														5		5		
38/ 37	.0	.3	.1	.1														23		23	1	1
36/ 35	.2	.8	.3	.0														71		71	36	2
34/ 33	.8	2.5	.6															199		199	130	43
32/ 31	2.4	3.8	.8	.2	.0													372		372	275	250
30/ 29	1.8	2.3	.3	.1														231		231	313	170
28/ 27	1.5	2.9	.4	.0														249		249	238	212
26/ 25	.6	2.9	.3	.0														193		193	211	208
24/ 23	.8	2.2	.2															164		164	236	130
22/ 21	1.5	1.4	.3	.0														163		163	174	212
20/ 19	2.1	2.8	.5	.0														280		280	206	238
18/ 17	1.1	1.9	.5															177		177	195	169
16/ 15	1.2	2.2	.7															213		213	186	171
14/ 13	1.0	1.7	.4															159		159	181	160
12/ 11	.9	1.9	.4															168		168	166	135
10/ 9	1.1	2.8	.3															217		217	203	148
8/ 7	.9	2.8	.0															190		190	219	149
6/ 5	1.1	2.0																159		159	230	85
4/ 3	2.2	2.0																218		218	217	136
2/ 1	2.2	2.4																241		241	211	284
0/ -1	3.1	.4																183		183	225	208
-2/ -3	3.3	.6																204		204	214	188
-4/ -5	3.7	.5																219		219	209	246
-6/ -7	4.2	.3																218		235	232	205
-8/ -9	3.5																	178		188	186	247
-10/-11	2.6																	133		133	133	228
-12/-13	2.0																	101		101	101	137
-14/-15	1.4																	70		72	70	167
-16/-17	1.4																	71		72	71	137
-18/-19	1.0																	49		49	49	130
-20/-21	.3																	15		18	15	100
-22/-23	.3																	16		18	16	85
-24/-25	.2																	8		9	8	73
-26/-27																						53

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 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-28/-29																				27
-30/-31																				11
-32/-33																				5
-34/-35																				2
-38/-39																				1
-42/-43																				1
-48/-49																				3
TOTAL	50.0	43.5	6.0	.5	.0													5193		5157
																	5157		5157	

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.	31132220	393992	76.4	14.144	5157							
Dry Bulb	1837105	57761	11.1	5.169	5193	198.2	633.4					672
Wet Bulb	1677547	54067	10.5	8.677	5157	199.2	650.2					672
Dew Point	1579951	25979	5.0	6.768	5157	293.7	666.0					672

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1	.1														2	2	
40/ 39			.1	.1	.1													3	3	1
38/ 37			.9	.1														8	8	
36/ 35	.5	.9	1.1															20	20	8	2
34/ 33	.1	2.0	.6	.1														23	23	24	6
32/ 31	1.5	8.0	.3	.5														82	82	43	24
30/ 29	3.3	4.0	.9	.1														66	66	87	51
28/ 27	1.6	3.3	1.0															47	47	52	57
26/ 25	1.6	3.9	.1															45	45	53	53
24/ 23	.6	2.3	.1															24	24	44	28
22/ 21	2.3	1.9	.1															34	34	34	37
20/ 19	1.1	2.6	.3															32	32	20	48
18/ 17	.5	2.1	.4															24	24	28	34
16/ 15	.3	2.6	.4															26	26	23	19
14/ 13	.5	1.5	.1															17	17	22	24
12/ 11	.8	1.9	.1															22	22	25	17
10/ 9	1.1	2.0																25	25	23	19
8/ 7	1.0	1.0																22	22	23	24
6/ 5	1.8	1.3	.1															25	25	32	15
4/ 3	2.1	2.5																37	37	33	28
2/ 1	1.4	2.9																34	34	33	34
0/ -1	2.6	.4																24	26	31	25
-2/ -3	4.6	.1																38	38	41	24
-4/ -5	2.8	.3																24	24	22	24
-6/ -7	2.1	.3																19	19	19	43
-8/ -9	2.9																	23	23	25	29
-10/-11	2.4																	19	19	19	27
-12/-13	.8																	6	6	6	24
-14/-15	.8																	6	6	6	22
-16/-17	1.0																	8	8	8	9
-18/-19	.6																	5	5	5	10
-20/-21																					6
-22/-23																					10
-24/-25	.6																	5	5	5	5

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 0000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.1																	1	1	1	4
-28/-29																					2
-30/-31																					7
-32/-33																					2
-36/-37																					3
TOTAL	43.5	48.5	6.8	1.1	.1														798.		796
																		796		796	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4945215	61837	77.7	13.338	796							
Dry Bulb	352710	11588	14.5	15.212	798	21.0	88.5					93
Wet Bulb	319701	10857	13.6	14.693	796	22.0	89.1					93
Dew Point	280773	6875	8.6	16.688	796	32.2	92.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 0300-0500 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.1		.1														2	2		
38/ 37			.2	.2														4	4	1	
36/ 35		1.1	1.5															21	21	3	
34/ 33	.8	2.4	.7															33	33	22	9
32/ 31	1.3	8.4	.8	.5														91	91	56	24
30/ 29	3.6	2.1	.7	.2														55	55	96	52
28/ 27	1.3	2.7	.8															40	40	34	72
26/ 25	1.3	2.9	.2															37	37	45	29
24/ 23	1.5	2.7	.6															39	39	47	29
22/ 21	1.2	1.9	.2															28	28	35	45
20/ 19	1.6	1.9	.4															32	32	27	37
18/ 17	.8	1.8	.6															27	27	26	32
16/ 15	1.0	2.8	1.0															39	39	31	23
14/ 13	.7	1.1																15	15	29	28
12/ 11	.5	1.7	.6															23	23	16	34
10/ 9	1.7	1.7																28	28	37	18
8/ 7	1.2	1.6	.2															25	25	25	19
6/ 5	1.5	1.2																22	22	26	18
4/ 3	2.3	2.1																36	36	36	30
2/ 1	1.6	2.3																32	32	28	34
0/ -1	2.3	.5																23	25	29	29
-2/ -3	4.4	.5																40	40	42	24
-4/ -5	3.8	.1																32	32	33	19
-6/ -7	2.8																	23	23	23	40
-8/ -9	2.5																	21	21	21	38
-10/-11	2.3																	19	19	19	26
-12/-13	1.3																	11	11	11	19
-14/-15	.8																	7	7	7	18
-16/-17	.8																	7	7	7	15
-18/-19	1.0																	8	8	8	19
-20/-21																					13
-22/-23																					4
-24/-25	.5																	4	4	4	7
-26/-27	.2																	2	2	2	7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (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	Wet Bulb	Dew Point
-28/-29																					3
-30/-31																					6
-32/-33																					4
-34/-35																					1
-36/-37																					2
TOTAL	46.7	43.5	8.7	1.1															828		826
																		826		826	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5079647	63735	77.2	14.004	826							
Dry Bulb	355629	11623	14.0	5.256	828	22.4	86.3					93
Wet Bulb	322556	10884	13.2	3.736	826	23.2	80.1					93
Dew Point	288891	6573	8.0	6.920	826	33.1	92.0					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 0600-0800 (HOURS - G.M.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
40/ 39			.2	.1															3	3		
38/ 37			.1	.2															3	3	2	
36/ 35		1.2	.8																17	17	1	
34/ 33	.6	2.2	.5	.5	.2														33	33	23	7
32/ 31	2.3	7.3	1.2																89	89	55	36
30/ 29	2.2	3.4	.8																53	53	78	38
28/ 27	2.2	3.1	.8																51	51	56	50
26/ 25	1.5	2.8	.5																39	39	49	51
24/ 23	.5	1.9	.6																25	25	35	33
22/ 21	1.2	1.6	.2																25	25	24	30
20/ 19	1.7	3.3	.7																47	47	35	52
18/ 17	1.5	1.7	.1																27	27	40	23
16/ 15	1.2	2.7	.5																36	36	27	28
14/ 13	1.2	1.1	.2																21	21	36	39
12/ 11	.8	1.0	.4																18	18	16	31
10/ 9	1.3	1.8																	26	26	23	18
8/ 7	2.1	1.7																	31	31	34	19
6/ 5	1.3	1.3																	22	22	27	21
4/ 3	1.6	1.8																	28	28	26	29
2/ 1	2.3	1.8																	34	35	32	28
0/ -1	3.1	.2																	28	29	35	26
-2/ -3	3.0	.6																	30	30	29	26
-4/ -5	3.5	.5																	33	33	35	28
-6/ -7	2.9	.2																	26	26	26	24
-8/ -9	2.9																		24	24	25	41
-10/-11	1.7																		14	14	14	31
-12/-13	1.3																		11	11	11	20
-14/-15	1.7																		14	14	14	24
-16/-17	.8																		7	7	7	11
-18/-19	.5																		4	4	4	17
-20/-21	.2																		2	2	2	10
-22/-23	.1																		1	1	1	3
-24/-25	.6																		5	5	5	6
-26/-27																						4

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 0600-0800 (HOURS)

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					
-28/-29																						4
-30/-31																						7
-32/-33																						4
-34/-35																						2
-36/-37																						1
-38/-39																						3
-40/-41																						1
-42/-43																						1
TOTAL	47.9	43.2	7.9	.8	.2														827	829	827	827

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.	5109253	63879	77.2	14.561	827							
Dry Bulb	353466	11524	13.9	5.278	829	22.8	86.7					93
Wet Bulb	319909	10775	13.0	4.742	827	23.8	90.1					93
Dew Point	290098	6868	7.8	7.030	827	33.1	92.2					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70212C (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.2	.1														3	3		
38/ 37		.6	.2	.1	.2													10	10		
36/ 35		1.8	.6	.4	.2													25	25	8	
34/ 33	.7	2.8	.8															36	36	34	4
32/ 31	1.9	7.1	1.0	.4														86	86	62	46
30/ 29	2.0	5.2	.8	.1														68	68	71	47
28/ 27	1.4	2.8	.8	.1														43	43	60	60
26/ 25	1.0	2.8	1.0															39	39	45	41
24/ 23	1.1	2.0	.1															27	27	44	24
22/ 21	.6	1.9	.5															25	25	21	41
20/ 19	1.1	1.7	1.0	.1														32	32	29	41
18/ 17	.4	2.2	.1															22	22	25	26
16/ 15	1.3	2.3	.2															32	32	31	28
14/ 13	1.2	1.9	.4															29	29	31	27
12/ 11	1.7	1.1	.2															25	25	29	24
10/ 9	2.2	1.7	.2															34	34	32	27
8/ 7	1.0	3.0																33	33	34	34
6/ 5	1.4	1.8																27	27	28	24
4/ 3	1.4	1.9																28	28	27	17
2/ 1	3.0	1.8																40	40	47	45
0/ -1	3.1	.7																32	33	34	26
-2/ -3	3.0	.5																29	29	31	31
-4/ -5	2.3	.2																21	21	21	36
-6/ -7	2.4																	20	20	22	25
-8/ -9	1.9																	16	16	16	21
-10/-11	2.0																	17	17	17	23
-12/-13	.8																	7	7	7	31
-14/-15	.7																	6	6	6	16
-16/-17	1.0																	8	8	8	19
-18/-19	.4																	3	3	3	15
-20/-21																					3
-22/-23	.5																	4	4	4	2
-24/-25																					7
-26/-27	.4																	3	3	3	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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-28/-29																			5
-30/-31																			1
-32/-33																			3
-34/-35																			1
-36/-37																			3
-38/-39																			1
-40/-41																			2
TOTAL	42	47	8	3	1	3		5										831	830
																		830	830

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.	5053976	63620	76.7	14.631	830							
Dry Bulb	373790	12538	15.1	18.918	831	18.7	88.7					93
Wet Bulb	335566	11694	14.1	18.358	830	19.3	88.3					93
Dew Point	290398	7273	8.8	16.536	830	30.7	92.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 1200-1400 (HOUR)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1														1	1		
42/ 41		.1			.1													2	2		
40/ 39					.1	.1												7	2	2	1
38/ 37		.7	.7	.4	.1													16	16		
36/ 35		1.6	1.3	.4	.1													28	28	10	
34/ 33	1.1	5.4	.2															55	55	40	12
32/ 31	1.3	5.7	.7	.4	.2													69	69	73	45
30/ 29	2.7	3.8	1.0															61	61	64	63
28/ 27	1.5	3.4	1.2															50	50	52	47
26/ 25	1.1	2.9	.5															37	37	50	39
24/ 23		1.2	.7															16	16	33	28
22/ 21	.6	1.6	.4															21	21	22	30
20/ 19	1.2	2.1	.5															31	31	23	39
18/ 17	.9	2.0	.6															28	28	26	24
16/ 15	1.6	2.4	.4															36	36	39	29
14/ 13	.7	2.4	.1															27	27	24	31
12/ 11	1.5	1.5	.2															26	26	33	24
10/ 9	2.8	2.1	.5															44	44	42	31
8/ 7	1.7	3.2	.2															42	42	43	27
6/ 5	1.2	2.1	.2															29	29	38	25
4/ 3	1.6	2.2																31	32	33	29
2/ 1	2.9	3.7																54	54	43	42
0/ -1	2.2	.4																21	21	34	35
-2/ -3	2.3	.2																21	21	22	41
-4/ -5	.9	.1																8	9	9	21
-6/ -7	1.8																	15	15	16	21
-8/ -9	2.0																	16	16	16	23
-10/-11	1.3																	11	11	11	27
-12/-13	.9																	7	7	7	23
-14/-15	.6																	5	5	5	16
-16/-17																					15
-18/-19																					8
-20/-21	.4																	3	3	3	2
-22/-23	.2																	2	2	2	1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-24/-25	.5																	4	4	4	3
-26/-27																					4
-28/-29																					2
-30/-31																					1
-32/-33																					1
-36/-37																					1
TOTAL	37.5	50.8	9.6	1.2	.7	.1												819	821	819	819

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	4964972	52620	76.5	14.719	819							
Dry Bulb	3886361	13313	16.2	8.321	821	12.9	81.2					93
Wet Bulb	3862959	12807	15.6	8.766	819	18.6	87.1					93
Dew Point	2884810	8038	9.8	5.866	819	28.7	91.6					93

USAFETAC FORM 0-26-3-OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 1500-1700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.3	.1														3	3		
40/ 39			.1		.5													5	5	1	
38/ 37		.8	1.2	.3														17	17	1	
36/ 35		1.9	.5	.1														19	19	10	
34/ 33	.9	3.7	1.1		.1													44	44	35	11
32/ 31	1.9	7.8	.9	.4														83	83	55	40
30/ 29	2.1	3.2	1.1															48	48	51	58
28/ 27	2.5	3.8	.8															54	54	52	56
26/ 25	.4	2.6	.1	.1														25	25	45	37
24/ 23	.1	.7	.1															7	7	18	27
22/ 21	1.3	1.5	.3															23	23	22	31
20/ 19	1.3	1.9	.4															27	27	19	27
18/ 17	1.1	.8	.4															17	17	24	24
16/ 15	1.2	3.7	.4															35	35	21	25
14/ 13	2.1	2.1	.4															35	35	41	20
12/ 11	2.8	1.5	.4															35	35	35	28
10/ 9	1.6	2.8	.1															34	35	29	29
8/ 7	2.0	2.4																33	33	41	21
6/ 5	1.6	2.0																27	28	37	25
4/ 3	3.8	2.8																50	50	45	40
2/ 1	2.6	2.0																35	35	36	28
0/ -1	2.4	.7																23	24	27	36
-2/ -3	1.5	.8																17	17	19	46
-4/ -5	1.5																	11	12	13	24
-6/ -7	1.1																	8	8	8	15
-8/ -9	1.5																	11	11	11	18
-10/-11	1.6																	12	12	12	20
-12/-13	.7																	5	5	5	23
-14/-15	.7																	5	5	5	11
-16/-17																					13
-18/-19																					4
-20/-21	.3																	2	2	2	2
-22/-23	.4																	3	3	3	2
-24/-25	.3																	2	2	2	2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70212D (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (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. Dry Bulb	TOTAL Wet Bulb Dew Point
-26/-27																			1
-28/-29																			8
-30/-31																			3
TOTAL	41.1	46.6	8.6	1.1	.7													759	755
																		755	755

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.	4714604	58746	77.8	13.801	755							
Dry Bulb	354080	12418	16.4	14.110	759	12.4	82.2					93
Wet Bulb	317272	11616	15.4	13.556	755	13.2	87.2					93
Dew Point	262593	7893	10.5	15.458	755	28.1	91.6					93

FORM 0-26-3-OL A JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 CAPE ROMANZOF AFS AK 73-75-81 MAR

STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39			.5															3	3		
38/ 37		.4	.5	.2														6	6		
36/ 35		1.3	.5															10	10	8	
34/ 33	.9	3.5	.5															27	27	18	6
32/ 31	2.2	10.9	2.2	.2														85	85	40	29
30/ 29	4.2	2.9	.9															44	44	81	39
28/ 27	2.9	3.1	.2															34	34	44	56
26/ 25	1.3	2.7	.9															27	27	33	39
24/ 23	.5	1.1	.5															12	12	18	15
22/ 21	1.5	1.5	.4															18	18	18	27
20/ 19	1.3	.7	.7	.2														16	16	14	36
18/ 17	.7	1.8	.4															16	17	9	10
16/ 15	1.6	2.4																22	22	23	13
14/ 13	1.6	2.0	.4															22	22	26	19
12/ 11	2.4	1.6																22	22	22	16
10/ 9	2.0	2.6	.2															26	26	26	14
8/ 7	1.1	2.6																20	20	24	23
6/ 5	.5	.2																4	4	10	14
4/ 3	1.3	4.2																30	30	25	23
2/ 1	2.0	2.6																25	25	25	23
0/ -1	3.8	1.3																28	28	28	17
-2/ -3	2.6	.5																17	17	21	24
-4/ -5	1.1	.2																7	7	8	19
-6/ -7	2.2																	12	12	12	21
-8/ -9	.5																	3	3	3	12
-10/-11	.9																	5	5	5	11
-12/-13	.2																	1	1	1	7
-14/-15	.9																	5	5	5	11
-16/-17	.4																	2	2	2	6
-18/-19																					4
-20/-21																					4
-22/-23																					3
-24/-25																					1
-26/-27																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73.75-81 (YEARS) MAR (MONTH)

 1830-2030 (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
-26/-29																					2
-30/-31																					1
-32/-33																					1
-34/-35																					1
TOTAL	43.6	49.9	8.9	.5														550			549
																	549.		549.		

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	352364.	43326.	78.9	13.803	549							
Dry Bulb	266379.	9571.	17.4	13.468	550	13.5	85.2					93
Wet Bulb	242289.	9033.	16.5	13.078	549	14.8	88.6					93
Dew Point	216847.	6847.	11.7	15.468	549	28.9	92.0					93

USAFETAC FORM 0-26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 2100-2300 (OBS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	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
44/ 43			.2															1	1	
40/ 39			.5															3	3	1
38/ 37		.5	1.0	.3														11	11	
36/ 35		.8	.6	.2														10	10	7
34/ 33	.3	1.9	1.0															20	20	15 5
32/ 31	1.6	6.7	1.1	.6														75	75	39 18
30/ 29	3.8	3.5	1.0	.2														53	53	74 54
28/ 27	3.2	3.8	1.0															50	50	54 50
26/ 25	2.1	2.9	.2															32	32	49 45
24/ 23	.5	1.6	.3															15	15	24 26
22/ 21	1.3	1.1	.6															19	19	20 27
20/ 19	2.2	2.7	.6															35	35	27 37
18/ 17	.6	2.2	.3															20	20	15 21
16/ 15	.5	1.9	.2															16	16	27 21
14/ 13	.8	.6																9	9	13 15
12/ 11	1.8	2.6																27	27	18 23
10/ 9	1.4	1.4																18	18	24 9
8/ 7	1.0	1.3	.2															15	15	17 22
6/ 5	2.4	1.4																24	24	25 18
4/ 3	2.4	2.2																29	30	31 11
2/ 1	2.6	2.2																30	30	26 34
0/ -1	1.9	.8																17	17	19 27
-2/ -3	3.7	.6																27	27	28 26
-4/ -5	2.6	.2																17	17	20 15
-6/ -7	1.4																	9	9	9 24
-8/ -9	1.6																	10	10	10 18
-10/-11	1.9																	12	12	12 13
-12/-13	.6																	4	4	4 8
-14/-15	.6																	4	4	4 18
-16/-17	1.1																	7	7	7 8
-18/-19	.2																	1	1	1 9
-20/-21																				2
-24/-25	.6																	4	4	4 4
-26/-27																				4

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) MAR (MONTH)

 2100-2300 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-28/-29																					2
-30/-31																					9
-40/-41																					1
TOTAL	44.9	45.2	8.7	1.3														624	625	624	624

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.	4010286	49320	79.0	13.415	624							
Dry Bulb	292982	9968	15.9	14.654	625	16.7	86.3					93
Wet Bulb	266300	9398	15.1	14.151	624	17.6	89.6					93
Dew Point	229872	6886	10.4	16.148	624	28.0	92.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAR 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						
46/ 45				.0														1	1				
44/ 43			.0															1	1				
42/ 41		.0	.0	.0	.0													7	7				
40/ 39		.2	.2	.1	.1	.0												24	24	5	1		
38/ 37		.4	.6	.2	.0													75	75	4			
36/ 35	.1	1.3	.9	.1	.0													150	150	55	2		
34/ 33	.7	3.0	.7	.1	.0													271	271	211	60		
32/ 31	1.7	7.8	1.0	.4	.0													660	660	423	262		
30/ 29	2.9	3.5	.9	.1														448	449	632	402		
28/ 27	2.0	3.2	.9	.0														369	369	404	448		
26/ 25	1.3	3.0	.4	.0														281	281	369	334		
24/ 23	.6	1.7	.4															165	165	263	210		
22/ 21	1.2	1.6	.3															193	193	196	268		
20/ 19	1.4	2.2	.6	.0														252	252	194	317		
18/ 17	.8	1.8	.4															181	182	193	194		
16/ 15	1.1	2.5	.4															242	242	222	186		
14/ 13	1.1	1.6	.2															175	175	222	203		
12/ 11	1.5	1.6	.3															198	198	194	197		
10/ 9	1.8	2.0	.1															235	236	236	165		
8/ 7	1.4	2.2	.1															221	221	241	188		
6/ 5	1.5	1.5	.0															180	181	223	160		
4/ 3	2.1	2.4																269	271	256	207		
2/ 1	2.3	2.4																284	285	270	268		
0/ -1	2.7	.6																196	203	237	221		
-2/ -3	3.2	.5																219	219	233	242		
-4/ -5	2.3	.2																153	155	161	186		
-6/ -7	2.1	.1																132	132	135	213		
-8/ -9	2.1																	124	124	127	200		
-10/-11	1.8																	109	109	109	178		
-12/-13	.9																	52	52	52	155		
-14/-15	.9																	52	52	52	136		
-16/-17	.6																	39	39	39	96		
-18/-19	.3																	21	21	21	66		
-20/-21	.1																	7	7	7	42		

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAR (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
-22/-23	.2																	10	10	10	27
-24/-25	.4																	24	24	24	35
-26/-27	.1																	6	6	6	29
-28/-29																					28
-30/-31																					41
-32/-33																					15
-34/-35																					5
-36/-37																					10
-38/-39																					4
-40/-41																					4
-42/-43																					1
TOTAL	43.1	47.1	8.4	1.1	.3	.0												6041			6026
																		6026		6026	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	37401553	467083	77.5	14.097	6026							
Dry Bulb	2732797	92543	15.3	18.756	6041	142.0	678.8					744
Wet Bulb	2466552	86664	14.8	14.231	6026	148.8	710.0					744
Dew Point	2133879	56049	9.3	16.360	6026	281.3	736.2					744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.3														2	2		
40/ 39			.6	.8														11	11		
38/ 37		.8	1.4	.1														18	18	1	
36/ 35		1.3	1.3	.3														22	22	16	
34/ 33	3.1	2.8	1.2															55	55	55	24
32/ 31	3.9	6.2	1.7	.1														92	92	71	52
30/ 29	5.3	2.7	.8															68	68	96	58
28/ 27	2.5	2.6	.3															41	41	47	76
26/ 25	2.1	4.8	.6															58	58	49	59
24/ 23	1.6	3.0	.4															38	38	50	28
22/ 21	2.1	3.1	.6															45	45	46	40
20/ 19	1.8	4.5	1.0															57	57	40	54
18/ 17	1.0	2.2	.3															27	27	44	33
16/ 15	1.3	2.1																26	26	32	41
14/ 13	.9	2.7																28	28	24	35
12/ 11	1.7	2.8																35	35	39	29
10/ 9	1.9	1.9																30	30	39	33
8/ 7	1.3	1.8																24	24	22	28
6/ 5	1.2	1.6																21	21	25	31
4/ 3	2.3	.8																24	24	22	27
2/ 1	1.6	.6																17	17	20	39
0/ -1	1.8																	14	14	15	23
-2/ -3	1.0																	8	8	8	20
-4/ -5	.4																	3	3	3	14
-6/ -7																					11
-8/ -9	.8																	6	6	6	5
-10/-11	.4																	3	3	3	1
-12/-13																					3
-14/-15																					2
-16/-17																					6
-18/-19																					1
TOTAL	39.8	48.4	10.2	1.6														773			773
																		773		77.	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5283420	63268	81.8	11.668	773							
Dry Bulb	447757	16527	21.4	11.058	773	4.0	77.4					90
Wet Bulb	406744	15712	20.3	10.639	773	4.1	81.6					90
Dew Point	319455	12767	16.5	11.860	773	10.0	87.2					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | APR 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
40/ 39			.6	.6														10	10		
38/ 37		.2	1.5															14	14		
36/ 35	.4	1.4	2.2	.1														33	33	12	3
34/ 33	2.2	2.1	1.2															45	45	56	17
32/ 31	4.8	5.9	1.0	.1														96	96	72	56
30/ 29	4.1	3.8	.7															70	70	99	49
28/ 27	4.1	2.5	.5	.1														58	58	64	84
26/ 25	1.9	2.8	.6															43	43	39	65
24/ 23	.7	3.7	.4															39	39	42	33
22/ 21	2.7	3.5	.6															55	55	58	39
20/ 19	3.1	4.2	.7															65	65	52	49
18/ 17	1.1	1.6	.4															25	25	41	45
16/ 15	.6	2.5	.1															26	26	28	48
14/ 13	.9	3.3																34	34	32	21
12/ 11	1.1	1.6	.1															23	23	30	33
10/ 9	2.2	1.6																31	31	36	33
8/ 7	2.3	1.5																31	31	30	38
6/ 5	2.3	1.4																30	30	29	27
4/ 3	1.9	1.2																25	25	26	35
2/ 1	2.0	1.0																24	24	31	43
0/ -1	1.6																	13	13	13	18
-2/ -3	1.0																	8	8	8	21
-4/ -5	.2																	2	2	2	20
-6/ -7	.1																	1	1	1	12
-8/ -9	.4																	3	3	3	6
-10/-11	.6																	5	5	5	2
-12/-13	.1																	1	1	1	2
-14/-15																					3
-16/-17																					3
-18/-19																					4
-20/-21																					1
TOTAL	42.5	45.8	10.7	1.0															810		810
																		810		810	

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.	5521652	66226	81.8	11.500	810							
Dry Bulb	456084	16986	21.0	11.111	810	3.7	78.7					90
Wet Bulb	415589	16173	20.0	10.703	810	3.7	82.4					90
Dew Point	326969	13345	16.1	12.020	810	10.2	87.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

PAGE 1 0600-0800 (HOUR)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.4	.1													4	4		
42/ 41				.1														1	1		
40/ 39			.4	.6														8	8		
38/ 37		1.0	.9	.2														17	17	4	
36/ 35	.1	2.2	1.0															27	27	19	1
34/ 33	2.1	2.7	1.0															47	47	47	20
32/ 31	4.7	6.8	1.1															102	102	77	64
30/ 29	4.2	3.6	.5															67	67	92	58
28/ 27	1.9	3.8																46	46	55	65
26/ 25	2.1	4.2	.4															54	54	52	66
24/ 23	1.9	4.3	.1															48	48	61	38
22/ 21	2.3	2.7	.6															46	46	49	44
20/ 19	2.2	4.2	1.0															60	60	29	57
18/ 17	.9	3.6	.4															39	39	55	46
16/ 15	.2	3.1																27	27	35	29
14/ 13	1.0	2.7	.1															31	31	32	24
12/ 11	.9	2.2	.1															26	26	25	33
10/ 9	2.1	1.6																30	30	40	38
8/ 7	1.2	1.7																24	24	26	31
6/ 5	2.0	1.1																25	25	26	34
4/ 3	2.2	.9																25	25	25	34
2/ 1	2.0	1.2																26	26	28	35
0/ -1	1.0																	8	8	11	20
-2/ -3	.7																	6	6	6	19
-4/ -5	.9																	7	7	7	19
-6/ -7	.2																	2	2	2	14
-8/ -9	.4																	3	3	3	8
-10/-11	.5																	4	4	4	1
-12/-13																					4
-14/-15																					1
-16/-17																					4
-18/-19																					3
TOTAL	37.7	53.3	7.5	1.4	.1													810		810	810
																		810		810	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5503012	66118	81.6	11.446	810							
Dry Bulb	465543	17227	21.3	11.071	810	3.3	78.4					90
Wet Bulb	423298	16380	20.2	10.667	810	3.7	82.2					90
Dew Point	332803	13247	16.4	11.983	810	10.3	87.7					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 0900-1100 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45					.2													2	2		
44/ 43				.7	.1													7	7		
42/ 41				.4														3	3		
40/ 39			.6	.4														8	8		
38/ 37		1.0	1.7	.5														26	26	10	
36/ 35	.1	2.5	1.4															32	32	25	
34/ 33	1.5	3.7	.7	.1														49	49	55	17
32/ 31	5.8	7.8	1.2															120	120	90	83
30/ 29	2.1	4.0	1.0															57	57	95	75
28/ 27	2.0	4.3	.4															54	54	61	69
26/ 25	1.7	5.4	.6	.4														66	66	56	56
24/ 23	1.0	3.5	.1															37	37	59	36
22/ 21	1.9	2.8	1.0															46	46	48	55
20/ 19	2.0	3.6	1.0															53	53	41	49
18/ 17	.4	3.5																31	31	38	50
16/ 15	.6	4.0																37	37	39	27
14/ 13	.2	2.7																24	24	25	19
12/ 11	1.4	2.6																32	32	35	29
10/ 9	1.5	2.3																31	31	38	46
8/ 7	1.0	1.7																22	22	29	29
6/ 5	1.4	.9																18	18	20	31
4/ 3	1.4	.9																18	18	16	31
2/ 1	1.2	.2																12	12	15	44
0/ -1	1.0																	8	8	8	16
-2/ -3	.5																	4	4	4	13
-4/ -5	1.0																	8	8	8	14
-6/ -7	.5																	4	4	4	9
-8/ -9	.1																	1	1	1	5
-10/-11																					3
-12/-13																					1
-14/-15																					3
TOTAL	30.1	57.3	9.8	2.5	.4														810		810
																		810		810	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5434354	65632	81.0	11.998	810							
Dry Bulb	512899	18471	22.8	10.646	810	2.8	75.9					90
Wet Bulb	460333	17467	21.6	10.170	810	2.8	80.0					90
Dew Point	356620	14282	17.6	11.382	810	7.1	88.1					90

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1	.5													5	5		
44/ 43				.4	.1													4	4		
42/ 41				1.2														10	10		
40/ 39		.1	1.2	.5														15	15	4	
38/ 37		.1	1.9	.9														23	23	11	
36/ 35	.5	3.0	2.2	.2														48	48	27	2
34/ 33	1.7	4.4	1.1															59	59	66	19
32/ 31	4.0	7.2	1.6															103	103	97	79
30/ 29	3.0	4.0	1.1															65	65	93	85
28/ 27	1.1	5.7	.2	.1														58	58	51	63
26/ 25	2.1	5.8	.1	.2														67	67	62	66
24/ 23	.7	4.3	.7															47	47	63	45
22/ 21	2.0	2.2	1.2															44	44	51	51
20/ 19	1.1	3.2	.6															40	40	34	65
18/ 17	.4	2.8	.4															29	29	33	37
16/ 15	.7	3.6	.4															38	38	36	12
14/ 13	1.5	2.5																32	32	40	18
12/ 11	.6	2.2																23	23	26	31
10/ 9	1.9	1.5																27	27	35	50
8/ 7	2.2	1.4																29	29	28	24
6/ 5	1.1	.6																14	14	19	40
4/ 3	.7	.2																8	8	9	32
2/ 1	.5	.2																6	6	6	29
0/ -1	.9																	7	7	8	13
-2/ -3	1.0																	8	8	8	6
-4/ -5	.1																	1	1	1	10
-6/ -7																					11
-8/ -9																					2
TOTAL	27.8	55.1	12.8	3.7	.5														810		810
																		810		810	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	53 .7664	64876	80.1	11.740	810							
Dry Bulb	556256	19590	24.2	10.096	810	1.8	71.8					90
Wet Bulb	494473	18471	22.8	9.516	810	1.9	77.8					90
Dew Point	373542	15150	18.7	10.558	810	4.7	87.7					90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.4	.1													4	4			
44/ 43				.4	.3													5	5			
42/ 41			.3	.1														3	3			
40/ 39			1.9	.8														21	21	3		
38/ 37		.6	1.6	.4														21	21	9		
36/ 35		2.8	2.6	.3														45	45	30		1
34/ 33	1.9	3.9	1.0	.1														55	55	55		27
32/ 31	5.0	7.4	1.6															112	112	108		74
30/ 29	2.8	3.9	.9															60	60	79		80
28/ 27	2.8	5.4	.3	.4														70	70	76		64
26/ 25	1.6	4.9	.8	.1														59	59	51		79
24/ 23	.8	3.7	.1															36	36	59		37
22/ 21	1.6	3.5	.5															45	45	50		43
20/ 19	1.0	3.4	.1															36	36	26		67
18/ 17	.4	3.4																30	30	38		33
16/ 15	1.0	4.0	.1															41	41	37		29
14/ 13	.4	2.9																26	26	29		33
12/ 11	1.0	2.6																29	29	35		39
10/ 9	1.6	1.5																25	25	32		31
8/ 7	2.4	1.6																32	32	34		30
6/ 5	1.1	.6																14	14	14		44
4/ 3	.5	.4																7	7	9		26
2/ 1	.5																	4	4	4		19
0/ -1	1.0																	8	8	8		16
-2/ -3	.8																	6	6	6		8
-4/ -5																						7
-6/ -7																						6
-8/ -9																						1
TOTAL	28.2	56.7	11.8	2.9	.4														794			794
																		794		794		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5319540	64394	81.1	11.368	794							
Dry Bulb	544353	19239	24.2	9.929	794	1.6	72.5					90
Wet Bulb	486467	18195	22.9	9.363	794	1.6	79.0					90
Dew Point	372517	15143	19.1	10.251	794	4.3	86.8					92

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.2	.2													2	2	
44/ 43				.5	.2													4	4	
42/ 41				.2														1	1	
40/ 39		.2	1.5															11	11	1
38/ 37		1.7	2.0	.6														28	28	8
36/ 35	.8	2.3	1.1	.2														28	28	33	5
34/ 33	2.3	5.2	1.5															57	57	44	25
32/ 31	5.6	9.8	1.1															109	109	92	76
30/ 29	2.3	1.8	.3															27	27	71	70
28/ 27	3.2	5.2	.6															59	59	58	46
26/ 25	.8	5.5	.6															45	45	38	58
24/ 23	1.1	3.5	.3	.2														33	33	49	17
22/ 21	.5	2.0	.9	.2														23	23	24	38
20/ 19	1.4	5.2	.2															44	44	40	46
18/ 17	1.2	1.7																19	19	34	21
16/ 15	.6	2.4																20	20	16	40
14/ 13	1.2	1.8	.2															21	21	19	22
12/ 11	1.1	2.1	.3															23	23	20	21
10/ 9	1.5	2.1																24	24	32	23
8/ 7	2.7	1.4																27	27	29	20
6/ 5	2.4	.9																22	22	25	31
4/ 3	.3	.3																4	4	5	34
2/ 1	1.2	.2																9	9	10	18
0/ -1	.8																	5	5	5	10
-2/ -3	.9																	6	6	6	14
-4/ -5	.6																	4	4	4	6
-6/ -7	.8																	5	5	5	10
-8/ -9																					3
-10/-11																					4
-12/-13																					2
TOTAL	32.4	55.0	10.5	1.8	.3														660		660
																		660.		660.	

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.	4507450	54028	81.9	11.336	660							
Dry Bulb	442155	15515	23.5	10.840	660	2.7	72.1					90
Wet Bulb	398631	14721	22.3	10.327	660	2.7	78.3					90
Dew Point	313989	12271	18.6	11.413	660	6.7	85.9					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) APR

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.2	.2													2	2		
42/ 41		.2		.8	.2													7	7		
40/ 39			1.2	.3														10	10	1	
38/ 37		1.2	1.7	.5														22	22	4	1
36/ 35	.8	1.5	1.8															27	27	76	5
34/ 33	2.3	3.5	.9															44	44	45	23
32/ 31	5.1	7.7	1.4															92	92	81	52
30/ 29	3.7	1.5	1.4															43	43	64	74
28/ 27	1.8	3.4																34	34	35	50
26/ 25	2.9	5.8	.9															63	63	57	31
24/ 23	.9	3.2	.6	.5														34	34	45	36
22/ 21	2.3	1.4	1.2															32	32	36	34
20/ 19	2.2	4.6	.3															46	46	37	53
18/ 17	.3	1.5																12	12	32	35
16/ 15	2.0	1.4																22	22	19	23
14/ 13	.3	1.8	.3															16	16	12	35
12/ 11	2.0	2.6																30	30	26	17
10/ 9	1.4	3.1																29	29	32	21
8/ 7	1.5	1.2																18	18	25	17
6/ 5	2.5	.3																18	18	24	18
4/ 3	1.7	.6																15	15	14	33
2/ 1	1.2	.3																10	10	11	35
0/ -1	1.1																	7	7	7	13
-2/ -3	.8																	5	5	5	11
-4/ -5	.6																	4	4	4	8
-6/ -7	.2																	1	1	1	10
-8/ -9	.9																	6	6	6	4
-10/-11	.2																	1	1	1	2
-12/-13																					3
-14/-15																					6
TOTAL	39.6	47.1	11.8	2.2	.3														650		650
																		650		650	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4452952	53198	81.8	12.355	650							
Dry Bulb	412232	14694	22.6	11.111	650	3.3	74.5					93
Wet Bulb	372641	13951	21.5	10.621	650	3.3	79.5					90
Dew Point	223100	11460	17.7	11.799	650	7.9	86.0					30

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITION(S) OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | APR MONTH

 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.1	.1													13	13		
44/ 43				.3	.1													26	26		
42/ 41		.0	.0	.4	.0													27	27		
40/ 39		.3	1.0	.5														94	94	9	
38/ 37		.8	1.6	.4														169	169	47	1
36/ 35	.3	2.1	1.7	.1														262	262	188	17
34/ 33	2.1	3.5	1.1	.0														411	411	425	172
32/ 31	4.8	7.3	1.3	.0														826	826	688	536
30/ 29	3.4	3.2	.8															457	457	669	549
28/ 27	2.4	4.1	.3	.1														420	420	449	517
26/ 25	1.9	4.9	.6	.1														455	455	404	480
24/ 23	1.1	3.6	.3	.1														312	312	428	270
22/ 21	1.9	2.7	.8	.0														336	336	362	344
20/ 19	1.8	4.1	.6															401	401	301	440
18/ 17	.7	2.6	.2															212	212	315	300
16/ 15	.9	2.9	.1															237	237	292	269
14/ 13	.8	2.6	.1															212	212	213	207
12/ 11	1.2	2.4	.1															221	221	236	232
10/ 9	1.8	1.9																227	227	284	275
8/ 7	1.8	1.6																207	207	223	217
6/ 5	1.7	.9																162	162	182	256
4/ 3	1.4	.7																126	126	126	252
2/ 1	1.3	.5																108	108	125	262
0/ -1	1.1																	70	70	75	129
-2/ -3	.8																	51	51	51	112
-4/ -5	.5																	29	29	29	98
-6/ -7	.2																	13	13	13	83
-8/ -9	.3																	19	19	19	34
-10/-11	.2																	13	13	13	13
-12/-13	.0																	1	1	1	15
-14/-15																					15
-16/-17																					13
-18/-19																					8
-20/-21																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	< 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	34.	652.	410.	6	2.1	.3												6117	6117	6117	6117

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.	41330044	497740	81.4	11.642	6117							
Dry Bulb	3837339	138249	22.6	10.796	6117	23.1	602.1					720
Wet Bulb	3458176	131070	21.4	10.307	6117	23.7	641.3					720
Dew Point	2688995	107395	17.6	11.462	6117	61.3	697.6					720

USAFETAC FORM 0-26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59					.1													1	1		
58/ 57				.2														2	2		
56/ 55					.1	.1												2	2		
54/ 53			.4	.4	.2													8	8	2	
52/ 51				.2	.4													5	5	2	
50/ 49			.1	.2														3	3	3	1
48/ 47			.4	.4														6	6	4	1
46/ 45			2.4	1.5	.1													32	32	9	5
44/ 43		1.4	3.0	2.6	.1													57	57	12	1
42/ 41		3.6	4.4	1.6	.1													78	78	33	13
40/ 39	.5	4.4	5.0	.6														84	84	76	17
38/ 37	.5	4.7	2.6	.5														67	67	111	43
36/ 35	1.0	3.0	2.0															48	48	88	79
34/ 33	1.0	7.2	.1															67	67	68	74
32/ 31	3.9	8.2	.2															99	99	93	158
30/ 29	4.4	4.4	.4															73	73	100	118
28/ 27	4.0	4.1	.1															66	66	72	81
26/ 25	2.2	2.5																38	38	50	57
24/ 23	1.0	1.7																22	22	32	55
22/ 21	2.2	1.1																27	27	27	33
20/ 19	.5	.6																9	9	10	39
18/ 17																				3	12
16/ 15	.4																	3	3	3	6
14/ 13		.1																1	1		5
12/ 11		.1																1	1	2	
10/ 9																					1
8/ 7																					1
6/ 5		.1																1	1		
4/ 3	.1																	1	1	2	
0/ -1																					2
TOTAL	21.7	47.4	21.1	8.4	1.4	.1													802		802
																		802		802	

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.	5562454	66162	82.5	11.413	802							
Dry Bulb	1010041	27799	34.7	7.617	802		39.5					93
Wet Bulb	891561	26247	32.7	6.377	802		45.7					93
Dew Point	732158	23750	29.6	6.000	802	.2	65.9					93

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.1	.2													3	3		
56/ 55				.1		.1												2	2	3	
54/ 53				.7	.1													7	7		
52/ 51			.1															1	1		
50/ 49			.2	.5														6	6	4	3
48/ 47		.1	.2	.5	.4													10	10	5	1
46/ 45		.1	1.3	2.6	.5													38	38	6	1
44/ 43		1.0	2.6	2.3	.2													51	51	9	4
42/ 41		1.6	4.0	1.1														55	55	28	9
40/ 39	.6	5.0	6.1	.8	.1													106	106	76	15
38/ 37	.6	4.1	2.8	.5														66	66	123	49
36/ 35	.8	4.6	1.8	.1														61	61	88	67
34/ 33	.8	5.1	.7															56	56	72	94
32/ 31	5.9	6.3	.1															103	104	105	164
30/ 29	5.9	4.2	.1															85	85	101	107
28/ 27	2.9	3.2	.2															53	53	69	86
26/ 25	3.1	2.9	.1															51	51	50	68
24/ 23	2.5	.7																27	27	40	56
22/ 21	2.3	1.4																31	31	28	37
20/ 19	1.4	.2																14	14	19	32
18/ 17																					25
16/ 15	.4																	3	3	1	8
14/ 13	.4																	3	3	3	3
12/ 11																					2
10/ 9																					1
8/ 7	.4																	3	3	3	
6/ 5																					3
TOTAL	27.9	40.6	20.5	9.3	1.6	.1												836			835
																		835		835	

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.	5882683	69377	83.1	11.915	835							
Dry Bulb	1030942	28632	34.2	7.764	836		41.6					93
Wet Bulb	912002	27060	32.4	6.484	835		46.9					93
Dew Point	751259	24519	29.4	6.128	835	.3	65.9					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65					.1													1	1		
64/ 63					.1													1	1		
62/ 61					.1		.1											2	2		
60/ 59					.4													3	3		
58/ 57				.1	.1	.1												3	3	1	
56/ 55					.4	.1												4	4	2	
54/ 53					.4													3	3		
52/ 51		.1	.2	.2	.1		.1											7	7	4	1
50/ 49		.2	.2	.8	.5	.1	.1											17	17	4	2
48/ 47		.1	.7	2.0	.1	.1												26	26	9	1
46/ 45		.5	1.9	1.4	.5													37	37	12	7
44/ 43		1.2	2.9	1.9	.5													54	54	24	3
42/ 41		2.2	3.7	1.9	.1													66	66	46	10
40/ 39	.7	4.2	4.8	.7														87	88	74	32
38/ 37	.7	4.4	1.3	.7														60	60	104	48
36/ 35	1.1	5.9	1.7															72	72	91	83
34/ 33	2.0	6.9	.4															78	78	91	93
32/ 31	4.2	6.0	.4															88	88	106	151
30/ 29	4.4	3.1	.2															65	65	86	113
28/ 27	2.8	4.7																62	62	53	82
26/ 25	1.6	2.2																31	31	55	60
24/ 23	2.0	.8																24	24	25	45
22/ 21	2.3	1.4																31	31	31	49
20/ 19	.6	.1																6	6	10	25
18/ 17	.1	.1																2	2	1	15
16/ 15	.4																	3	3	4	8
14/ 13																					5
6/ 5	.1	.1																2	2	2	
4/ 3	.1																	1	1	1	
2/ 1																					2
0/ -1																					1
TOTAL	23.1	44.4	18.4	9.9	3.3	.5	.4												837		836
																		836		836	

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.	5696943	68187	81.6	12.733	836							
Dry Bulb	1109638	29732	35.5	8.157	837		35.0					93
Wet Bulb	967504	27886	33.4	6.686	836		41.6					93
Dew Point	786205	25107	30.0	6.208	836	.1	61.9					93

USAFETAC FORM 0-26-3-OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

PAGE 1 ~~3930-1100~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.5												4	4		
62/ 61					.1	.1												2	2		
60/ 59				.1	.2	.1												4	4	2	
58/ 57					.1	.2												3	3	2	
56/ 55				.1	.7	.4												10	10		
54/ 53			.4		.2	.1	.1											7	7	2	2
52/ 51		.2	.2	1.3	.4	.1	.2											21	21	5	1
50/ 49		.1	.5	1.7	.2	.4												24	24	8	4
48/ 47		.4	1.1	.8	.6													24	24	12	4
46/ 45		1.6	1.6	2.5	.4													50	50	28	5
44/ 43		1.8	4.1	2.8	.1													73	73	39	7
42/ 41		3.3	5.3	.8	.2													81	81	45	23
40/ 39	.4	4.1	2.8	.7														66	66	115	50
38/ 37	.1	5.4	1.2	.4														59	59	99	65
36/ 35	1.4	4.3	3.6															78	78	70	92
34/ 33	1.8	5.5	.5															65	65	91	101
32/ 31	3.1	7.5	.8															96	96	90	136
30/ 29	3.1	2.9	.2															52	52	87	95
28/ 27	1.8	2.9	.2															41	42	50	79
26/ 25	1.2	2.0																27	27	31	46
24/ 23	1.3	2.4																31	31	33	46
22/ 21	1.1	.5																13	13	20	15
20/ 19		.1																1	1	2	26
18/ 17	.1																	1	1	2	11
16/ 15																					5
8/ 7	.2	.1																3	3	2	
6/ 5																				1	
4/ 3																					2
2/ 1																					1
TOTAL	15.7	45.1	22.4	11.2	3.3	1.9	.4											837			836
																	836		836		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5474707	66799	79.9	12.821	836							
Dry Bulb	1221224	31184	37.3	8.430	837		29.6	.4				93
Wet Bulb	1052072	29096	34.8	6.871	836		35.4					93
Dew Point	850203	26117	31.2	6.809	836		53.6					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

PAGE 1 | 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.1													1	1		
70/ 69					.2	.1												3	3		
68/ 67						.1	.1											2	2		
64/ 63																				1	
62/ 61			.1	.2														3	3	2	
60/ 59				.2		.1	.1											4	4	2	
58/ 57			.1	.4	.2		.1											7	7	3	1
56/ 55			.1	.4	.4	.4												10	10	3	3
54/ 53			.4	.4	.5	.4												13	13	1	4
52/ 51		.4	.5	.5	.6	.1	.1											18	18	6	1
50/ 49			.6	1.1	.6	.2												21	21	12	8
48/ 47		.6	1.4	1.8	.8													39	39	14	5
46/ 45		1.9	3.2	2.4	1.0													71	71	27	2
44/ 43		2.3	5.5	2.3	.1													85	85	52	12
42/ 41		2.3	4.2	1.1	.4													66	66	77	32
40/ 39	.4	3.5	3.5	.4														64	64	90	51
38/ 37	.8	3.9	1.7	.2														56	56	110	75
36/ 35	1.1	4.9	2.0															67	67	64	87
34/ 33	1.4	4.9	1.6															66	66	81	108
32/ 31	3.2	6.9	.7															91	91	79	123
30/ 29	1.7	3.3	.4															45	45	78	101
28/ 27	1.7	2.8	.2															39	39	54	47
26/ 25	.5	3.5	.1															34	34	28	62
24/ 23	1.2	1.2																20	20	35	33
22/ 21	.8	.1																8	8	13	40
20/ 19																				1	25
18/ 17																					6
16/ 15																					7
10/ 9	.2	.1																3	3	3	
6/ 5																					3
TOTAL	13.0	42.6	26.3	11.2	4.9	1.4	.5												836		836
																		836		836	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5331650	65924	78.9	12.626	836							
Dry Bulb	1287380	32000	38.3	8.652	836		26.7	.7				93
Wet Bulb	1104005	29785	35.6	7.162	836		32.4					93
Dew Point	889906	26666	31.9	6.864	836		49.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69					.3	.1	.1											4	4		
62/ 61					.1	.1												2	2	2	
60/ 59				.1														1	1	1	
58/ 57			.4	.3	.3	.3												9	9	1	1
56/ 55				.1	.4		.1	.1										6	6		1
54/ 53		.4	.1	1.0	.3	.1												15	15	5	1
52/ 51		.1	1.0	.3	.5													15	15	7	4
50/ 49	.1	.1	.9	1.0	.9	.1												25	25	8	7
48/ 47	.1	.4	1.7	1.0	1.2													34	34	23	3
46/ 45		1.8	2.7	2.7	.3													58	58	22	5
44/ 43		1.9	6.6	2.3	.1													85	85	39	17
42/ 41		2.5	5.4	.5	.1													66	66	62	28
40/ 39	.3	5.3	2.8	.5														69	69	107	42
38/ 37	.3	4.7	1.6	.6														55	55	101	58
36/ 35	.6	5.7	1.6	.1														62	62	66	98
34/ 33	1.6	4.3	.8															49	49	70	100
32/ 31	4.3	6.3	.5															86	86	79	145
30/ 29	1.9	3.9	.4															48	48	71	60
28/ 27	1.4	1.6																23	23	43	62
26/ 25	.9	2.6	.1															28	28	21	52
24/ 23	.6	1.6																17	17	23	25
22/ 21	1.4	.4																14	14	20	28
20/ 19																					25
18/ 17																					8
16/ 15																					1
12/ 11		.3																2	2		
10/ 9	.1																	1	1	3	
6/ 5																					3
TOTAL	13.7	43.4	26.6	10.7	4.4	.8	.3	.1										774			774
																		774		774	

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.	4999798	61482	79.4	12.252	774							
Dry Bulb	1188922	29630	38.3	8.407	774		26.3	.5				93
Wet Bulb	1024892	27644	35.7	6.971	774		31.2					93
Dew Point	832199	24859	32.1	6.611	774		49.1					93

USAFETAC FORM 0-26-3-OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 1800-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67						.2												1	1		
66/ 65				.3														2	2		
60/ 59																				3	
58/ 57				.2														1	1		
56/ 55			.2	.2	.5													5	5		1
54/ 53			.3	.3	.2													5	5	1	2
52/ 51			.3	1.0	.5													11	11	2	
50/ 49		.5	.8	.7	.3													14	14	4	1
48/ 47		.3	1.5	1.0	.7													21	21	9	5
46/ 45		1.7	3.2	2.3	.2													44	44	19	3
44/ 43		1.7	4.3	2.7														52	52	27	6
42/ 41		2.3	7.0	1.8														67	67	37	19
40/ 39	.2	4.8	5.0	.5														63	63	79	33
38/ 37	1.0	6.8	2.7	.2														64	64	87	42
36/ 35	1.0	4.7	2.3															48	48	79	72
34/ 33	2.2	3.8	.5															39	39	61	88
32/ 31	2.5	7.2	.5															61	61	50	116
30/ 29	3.2	2.3																33	33	58	60
28/ 27	2.5	2.3																29	29	34	55
26/ 25	1.2	1.0																13	13	20	42
24/ 23	.3	1.7																12	12	8	14
22/ 21	1.8	.3																13	13	19	18
20/ 19	.2																	1	1	2	16
18/ 17																					3
16/ 15																					3
12/ 11		.2																1	1	1	
8/ 7																					1
TOTAL	16.0	41.7	28.7	11.2	2.3	.2													600		600
																		600		600	

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.	3948599	48195	80.3	11.363	600							
Dry Bulb	886715	22611	37.7	7.602	600		25.3	.2				93
Wet Bulb	771746	21182	35.3	6.323	600		29.8					93
Dew Point	630970	19130	31.9	5.927	600		50.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION — CAPE ROMANZOF AFS AK STATION NAME — 74-81 YEARS — MAY MONTH

PAGE 1 — 2100-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61				.2														1	1		
60/ 59				.2														1	1		
56/ 55				.2	.2	.2												3	3	1	
54/ 53			.2		.3													3	3	1	
52/ 51			.2	.5	.3													6	6	1	1
50/ 49			1.1	.3														9	9	1	1
48/ 47		.5	1.1	.8	.2													16	16	6	1
46/ 45		1.2	1.7	1.4	.5	.2												32	32	19	2
44/ 43		1.7	2.1	2.0	.2													39	39	16	4
42/ 41		4.2	6.9	.8														79	79	33	24
40/ 39	.2	5.7	4.7	1.2														78	78	62	24
38/ 37	1.1	5.1	2.4	.3														59	59	109	48
36/ 35	.8	5.1	.8	.2														45	45	70	69
34/ 33	1.1	7.8	.6															63	63	69	69
32/ 31	4.7	6.6	.2															77	77	80	146
30/ 29	3.9	3.3	.2															49	49	70	24
28/ 27	3.3	3.8																47	47	56	54
26/ 25	1.8	2.0																25	25	29	51
24/ 23	.9	1.4																15	15	22	43
22/ 21	1.5	.2																11	11	13	22
20/ 19	.5	.3																5	5	3	25
18/ 17	.3																	2	2	4	3
16/ 15																					3
12/ 11																					1
TOTAL	19.8	48.9	21.8	7.7	1.5	.3													665		665
																		665		665	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4620227	54925	82.6	11.231	665							
Dry Bulb	892598	23892	35.9	7.178	665		32.3					93
Wet Bulb	789886	22566	33.9	6.029	665		38.7					93
Dew Point	656148	20540	30.9	5.720	665		59.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | MAY

PAGE 1 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dr. Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.0													1	1			
70/ 69					.1	.0	.0											7	7			
68/ 67						.1	.0											7	7			
66/ 65				.0	.0													3	3			
64/ 63					.0													1	1	1		
62/ 61			.0	.1	.1	.0	.0											14	14	4		
60/ 59				.1	.1	.0	.0											14	14	6		
58/ 57			.1	.1	.1	.1	.0											25	25	7	2	
56/ 55			.0	.1	.3	.2	.0	.0										42	42	9	5	
54/ 53		.0	.2	.4	.3	.1	.0											61	61	12	9	
52/ 51		.1	.3	.5	.3	.0	.1											84	84	27	8	
50/ 49	.0	.1	.5	.8	.3	.1	.0											119	119	44	27	
48/ 47	.0	.3	1.0	1.1	.5	.0												176	176	82	21	
46/ 45		1.1	2.2	2.1	.4	.0												362	362	142	30	
44/ 43		1.6	3.9	2.3	.2													496	496	218	54	
42/ 41		2.7	5.0	1.2	.1													558	559	361	158	
40/ 39	.4	4.6	4.3	.7	.0													617	618	679	264	
38/ 37	.6	4.3	2.0	.4														486	486	849	428	
36/ 35	1.0	4.8	2.0	.0														481	481	616	647	
34/ 33	1.5	5.7	.6															483	483	603	727	
32/ 31	4.0	6.9	.4															701	702	692	1139	
30/ 29	3.6	3.5	.2															450	450	651	728	
28/ 27	2.5	3.2	.1															360	361	431	546	
26/ 25	1.6	2.4	.0															247	247	294	438	
24/ 23	1.3	1.4																168	168	218	317	
22/ 21	1.7	.7																148	148	171	262	
20/ 19	.4	.2																36	36	47	213	
18/ 17	.1	.0																5	5	13	83	
16/ 15	.1																	9	9	10	41	
14/ 13	.0	.0																4	4	3	13	
12/ 11		.1																4	4	3	3	
10/ 9	.0	.0																4	4	6	2	
8/ 7	.0	.0																3	3	2	2	
6/ 5	.0	.0																3	3	3	6	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 ALL (HOUR)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/	5	.1																5	5	6	2
2/	1																				3
1/	-1																				6
TOTAL	19.	44.	23.	10.	0.	2.	9.	.7	.2	.0								6187.			6184
																		6184		6184	

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	415:7361.	501351	81.0	12.198	6184							
Dry Bulb	8627462.	225450	36.4	8.163	6187		258.4	1.8.				744
Wet Bulb	7513668.	211866	34.2	6.759	6184		304.3					744
Dew Point	6129048.	190648	30.8	6.347	6184	.7	457.7					744

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 CAPE ROMANZOF AFS AK 73-81 JUN
STATION STATION NAME

Temp. (F)	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B. > Wet B.	TOTAL Wet B. > Dew P.
62/ 61					.1	.1												2	2		
60/ 59						.3												2	2		
58/ 57			.3	.4	.1	.1												7	7		
56/ 55			.1	.4			.1											5	5	1	
54/ 53		.1	.1	.6	.1	.1												8	8	3	
52/ 51		.3	.4		.3		.1											8	8	6	1
50/ 49		1.3	2.0	.7	.3	.1												31	31	11	3
48/ 47		2.1	2.8	.1	.4													39	39	20	13
46/ 45	.8	5.4	3.3	.3	.4													74	74	53	26
44/ 43	1.7	5.3	2.0	.3														66	66	73	44
42/ 41	2.9	8.6	1.4	.7														98	98	90	72
40/ 39	5.7	8.4	1.3															110	110	140	121
38/ 37	4.9	6.3	1.4															88	88	93	129
36/ 35	4.6	4.0	.6	.1														67	67	79	66
34/ 33	5.3	3.6	.3															66	66	80	63
32/ 31	2.5	1.0	.1															26	26	43	72
30/ 29	1.3	.4																12	12	15	34
28/ 27	.8	.1																7	7	9	21
26/ 25	.1																	1	1	1	13
24/ 23																					1
22/ 19																					1
TOTAL	30.7	46.7	26.0	3.6	1.8	.8	.3												717		717
																		717		717	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 83 F	≤ 93 F	Total
Rel. Hum.	5570008	62646	87.4	11.608	717							
Dry Bulb	1203712	29074	40.5	5.882	717		5.8					90
Wet Bulb	1102287	27891	38.9	4.921	717		8.5					90
Dew Point	990218	26414	36.8	4.892	717		17.8					90

FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION — CAPE ROMANZOF AFS AK STATION NAME — 73-81 YEARS — JUN MONTH

 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB = WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59						.1												1	1		
58/ 57			.5	.1		.1												6	6		
56/ 55		.3	.3	.9	.4	.3												16	16	2	
54/ 53			.1	.4		.3												6	6	4	1
52/ 51		.5	.8	.1		.1												12	12	5	3
50/ 49	.1	.5	1.9	.1	.5													24	24	14	5
48/ 47	.3	3.1	2.1	.5	.1													46	46	24	9
46/ 45	1.3	5.3	2.9	.5														75	75	51	33
44/ 43	1.2	6.5	1.5	.9														76	76	91	44
42/ 41	2.9	9.3	1.6	.4														105	105	104	90
40/ 39	5.6	7.3	1.1															105	105	106	123
38/ 37	3.2	7.4	.8	.1														87	87	92	112
36/ 35	5.4	4.1	.5															76	76	103	102
34/ 33	6.2	2.7	.3															69	69	83	96
32/ 31	3.1	.9	.1															31	31	37	88
30/ 29	.9																	7	7	16	20
28/ 27	1.2	.3																11	11	9	12
26/ 25																				2	14
24/ 23																					4
TOTAL	31.6	47.7	14.5	4.2	1.1	.9													753		753
																		753		753	

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.	5921489	66243	88.0	11.178	753							
Dry Bulb	1266466	30560	40.6	5.934	753		5.9					90
Wet Bulb	1165553	29387	39.0	4.984	753		7.6					90
Dew Point	1053235	27919	37.1	4.908	753		16.5					90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

PAGE 1 0600-0900 (HOURS LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61					.1													1	1		
60/ 59					.3	.3												4	4		
58/ 57			.3	.1	.4	.1												7	7		
56/ 55		.3	.8	.6	.5	.1												18	18	2	
54/ 53		.3	.6	1.3	.5			.1										22	22	5	1
52/ 51	.1	.4	1.8	.9	.4		.1											29	29	13	6
50/ 49	.1	1.0	2.6	1.0														37	37	17	10
48/ 47	.1	2.3	2.0	1.4														46	46	50	9
46/ 45	.6	6.9	2.8	.4	.1													82	82	61	38
44/ 43	1.0	6.3	1.2	.6														71	71	90	55
42/ 41	2.9	11.0	1.0	.1														118	118	123	113
40/ 39	4.5	6.0	.6															87	87	123	147
38/ 37	2.9	5.4	.8	.3														73	73	72	93
36/ 35	6.4	4.1	.4															85	85	91	110
34/ 33	4.7	2.3	.3															57	57	76	87
32/ 31	1.9	2.0																31	31	37	63
30/ 29	.8	.5																10	10	15	26
28/ 27	.4	.1																4	4	7	13
26/ 25																					9
24/ 23																					1
22/ 19																					1
TOTAL	26.6	48.5	15.1	6.8	2.3	.5	.1	.1											782		782
																		782		782	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 63 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6034094	68096	87.1	11.559	782							
Dry Bulb	1389529	32585	41.7	6.376	782		5.2					90
Wet Bulb	1266526	31204	39.9	5.234	782		6.8					90
Dew Point	1139258	29596	37.8	4.952	782		13.0					90

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JUN MONTH

PAGE 1 ~~2000-1100~~

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
62/ 61				.3	.3													4	4			
60/ 59				.4	.1	.6												9	9			
58/ 57		.1	.3	.4	.8	.5												16	16			
56/ 55		.5	1.3	.9	.9	.4												31	31	4		
54/ 53		.5	1.3	1.4	1.1													34	34	13		5
52/ 51	.1	.8	1.4	1.3	.5		.1											33	33	23		3
50/ 49		1.0	2.8	1.3	.8	.1												47	47	34		19
48/ 47		2.9	2.5	1.4														54	54	48		20
46/ 45	.1	7.7	2.0	.6														83	83	85		36
44/ 43	.9	8.9	1.3	.1														88	88	102		66
42/ 41	2.0	9.8	1.4	.3														106	106	113		115
40/ 39	4.1	4.3	1.3															76	76	124		130
38/ 37	5.2	5.7																86	86	85		133
36/ 35	3.6	4.2	.4															64	64	70		82
34/ 33	1.9	2.0	.1															32	32	53		72
32/ 31	1.8	.4																17	17	23		56
30/ 29	1.0																	8	8	11		22
28/ 27																						6
26/ 25																						2
24/ 23																						1
TOTAL	20.7	48.7	16.0	8.2	4.4	1.6	.1												788			788
																		788		788		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Rel. Hum.	5610593	66925	84.9	12.665	788							
Dry Bulb	1515734	34154	43.3	6.738	788		2.9					90
Wet Bulb	1359599	32465	41.2	5.295	788		3.9					90
Dew Point	1203871	30557	38.8	4.905	788		9.9					90

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
66/ 69					.1													1	1		
64/ 63					.3	.1	.1											4	4		
62/ 61			.1	.3	.3	.4												8	8		
60/ 59					.1	.6												6	6		
58/ 57			.1	1.0	1.2	.4												21	21	3	
56/ 55		.3	1.3	.9	.5	.3												25	25	5	1
54/ 53		.3	2.2	1.8	.9	.1												41	41	9	
52/ 51		.9	2.8	2.2	.3													48	48	29	11
50/ 49		2.2	2.2	2.1	.4	.6												58	58	53	13
48/ 47	.1	2.5	2.8	.9	.1													50	50	57	32
46/ 45	.1	7.4	1.7	.4														74	74	75	48
44/ 43	.8	9.6	1.4	.4														94	94	105	91
42/ 41	1.8	8.7	1.4	.1														93	93	112	116
40/ 39	4.1	5.6	1.4															86	86	112	136
38/ 37	4.9	4.3	.3															71	71	86	119
36/ 35	1.3	5.6																53	53	47	67
34/ 33	.6	1.8																19	19	49	45
32/ 31	2.2	.3																19	19	28	65
30/ 29	.3																	2	2	3	24
28/ 27																					2
26/ 25																					3
TOTAL	16.3	48.9	17.9	10.1	4.1	2.6	.1												773		773
																		773		773	

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.	5518662	64568	83.5	12.743	773							
Dry Bulb	1551115	34217	44.3	6.875	773		2.4					90
Wet Bulb	1376133	32351	41.9	5.363	773		3.6					90
Dew Point	1208754	30322	39.2	5.008	773		10.9					90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 1500-1700 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65						.2												1	1		
64/ 63					.2	.2												2	2		
62/ 61				.2	.2	.2	.3											5	5		
60/ 59						.8												5	5		
58/ 57		.5	.2	.5	.3													9	9		
56/ 55			1.0	1.3	.6													18	18	7	
54/ 53		1.1	1.1	2.1	.8													32	32	5	3
52/ 51		1.4	3.0	1.8	.6													43	43	22	6
50/ 49		1.9	3.0	1.1	.2	.5												42	42	34	9
48/ 47	.3	2.6	2.9															36	36	57	32
46/ 45		6.7	1.1	.3														51	51	65	33
44/ 43	2.1	9.5	2.1	.2														66	66	70	80
42/ 41	1.4	8.7	1.9	.2														76	76	84	89
40/ 39	5.4	7.1	1.3															86	86	101	106
38/ 37	3.4	5.1	1.3															61	61	76	101
36/ 35	1.9	3.4	.3															35	35	41	45
34/ 33	1.1	2.9																25	25	40	50
32/ 31	1.1	.6																11	11	20	45
30/ 29																				2	18
28/ 27																					6
26/ 25																					1
TOTAL	16.8	51.4	19.2	7.5	2.9	1.8	.3												624		624
																		624		624	

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.	4551424	52780	84.6	11.825	624							
Dry Bulb	1227993	27379	43.9	6.546	624		1.6					90
Wet Bulb	1101752	26012	41.7	5.288	624		3.2					90
Dew Point	976602	24486	39.2	5.030	624		10.1					90

USAFETAC FORM 0-26-3 (OL A JUN 77) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-74,76-81 (YEARS) JUN (MONTH)

 1800-2000 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	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
68/ 67						.2												1	1		
66/ 65						.2												1	1		
64/ 63							.2											1	1		
58/ 57		.5	.5	.5														6	6	1	
56/ 55			.5	.2	.9													7	7	4	
54/ 53			.9	1.2	.9													13	13	1	1
52/ 51		.9	3.1	.5														19	19	6	
50/ 49	.5	2.8	4.0	.5	.9													37	37	19	9
48/ 47	.9	2.8	1.9		.2													25	25	47	18
46/ 45	.7	4.7	1.9	.2														32	32	27	24
44/ 43	3.3	10.7	1.9	.5														69	69	56	56
42/ 41	5.5	9.2	2.1	.5														73	73	76	66
40/ 39	5.5	8.5	1.2															64	64	74	72
38/ 37	1.7	6.2	.9															37	37	52	51
36/ 35	2.6	2.4																21	21	36	61
34/ 33	1.7	.9																11	11	15	31
32/ 31	.7																	3	3	6	24
30/ 29	.5																	2	2	2	5
28/ 27																					2
TOTAL	23.5	49.8	19.0	4.0	3.1	.5	.2												422		422
																		422		422	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3220076	36560	86.6	11.188	422							
Dry Bulb	806903	18293	43.3	5.753	422		1.1	.2				90
Wet Bulb	735909	17509	41.5	6.738	422		1.7					90
Dew Point	664370	16628	39.4	6.669	422		6.6					90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 65						.2												1	1		
64/ 63							.2											1	1		
62/ 61							.2											1	1		
60/ 57		.2	.4	.4														5	5		
56/ 55			.9	.2	.4													8	8	2	
54/ 53			.2	.5	.4													6	6	6	1
52/ 51		.2	.5	.7	.5	.2												12	12	4	3
50/ 49		1.6	2.0	.5	.5													26	26	8	7
48/ 47		4.2	2.6	.4	.2													40	40	14	7
46/ 45	1.5	5.5	2.9	.4														56	56	63	23
44/ 43	.9	8.4	2.9															67	67	53	43
42/ 41	4.6	9.3	1.3	.4														85	85	97	83
40/ 39	5.8	8.0	1.8															86	86	106	87
38/ 37	5.3	5.3	.4															60	60	73	127
36/ 35	3.6	3.6	.5															43	43	57	63
34/ 33	3.3	1.5																26	26	35	64
32/ 31	1.3	.4	.2															10	10	12	36
30/ 29	1.8	.4																12	12	14	9
28/ 27	.5																	3	3	4	12
26/ 25																					1
24/ 23																					2
TOTAL	28.6	48.5	16.6	3.5	2.0	.4	.4											548		548	
																		548		548	

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.	4268102	48100	87.8	11.000	548							
Dry Bulb	970084	22840	41.7	5.759	548		4.1					90
Wet Bulb	890512	21936	40.0	4.767	548		4.9					90
Dew Point	807784	20886	38.1	4.635	548		9.9					90

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
68/ 67						.0												1	1		
66/ 65					.0	.1												4	4		
64/ 63					.1	.0	.1											8	8		
62/ 61			.0	.1	.1	.1	.1											21	21		
60/ 59				.1	.1	.4												27	27		
58/ 57		.1	.3	.4	.4	.2												11	11	4	
56/ 55		.2	.8	.7	.5	.1	.0											128	128	27	1
54/ 53		.3	.9	1.2	.6	.1		.0										162	162	46	14
52/ 51	.0	.7	1.7	1.0	.3	.0	.1											204	204	108	33
50/ 49	.1	1.5	2.5	1.0	.4	.2												302	302	190	75
48/ 47	.2	2.8	2.5	.7	.1													336	336	317	137
46/ 45	.6	6.3	2.4	.4	.1													527	527	480	261
44/ 43	1.4	8.0	1.7	.4														617	617	630	499
42/ 41	2.8	9.3	1.5	.3														754	754	799	744
40/ 39	5.0	6.7	1.2															700	700	906	919
38/ 37	4.0	5.6	.7	.1														563	563	629	845
36/ 35	3.8	4.1	.4	.0														444	444	524	616
34/ 33	3.2	2.3	.1															305	305	431	528
32/ 31	1.9	.8	.1															148	148	203	449
30/ 29	.8	.2																53	53	81	158
28/ 27	.4	.1																25	25	29	74
26/ 25	.0																	1	1	3	43
24/ 23																					9
22/ 21																					2
TOTAL	24.3	78.7	16.6	6.2	2.7	1.2	.2	.0											5407		5407
																		5407		5407	

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.	409 14448	465918	86.2	11.908	5407							
Dry Bulb	9931536	229102	42.4	6.439	5407		30.2	.1				720
Wet Bulb	8998271	218755	40.5	5.231	5407		42.1					720
Dew Point	8044092	206808	38.2	8.980	5407		97.9					720

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.1		.1	.1											3	3		
62/ 61		.3	.6	.4	1.3	.3												22	22		
60/ 59				1.3	.4													13	13	2	2
58/ 57			1.0	1.1	.1													18	18	6	
56/ 55		.5	1.9	1.4	.4													33	33	8	6
54/ 53	.1	2.4	2.8	1.1	.1													52	52	47	6
52/ 51	.1	3.9	3.9	1.0	.1													72	72	40	23
50/ 49	1.5	6.9	4.5	.3	.3													105	105	99	68
48/ 47	3.9	11.5	2.5	.1														142	142	130	114
46/ 45	2.2	9.3	2.0															106	106	160	137
44/ 43	3.2	8.4	.8	.1														98	98	113	144
42/ 41	3.7	6.0	1.1	.1														86	86	92	122
40/ 39	.9	1.0	.3															17	17	60	83
38/ 37	.8	1.0																14	14	13	40
36/ 35		.5																4	4	12	22
34/ 33																				3	15
30/ 29																					2
28/ 27																					1
TOTAL	16.4	51.7	21.5	7.1	2.7	.4	.1											785		785	765
																		785		785	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5974685	67955	86.6	10.597	785							
Dry Bulb	1823040	37598	47.9	5.329	785							93
Wet Bulb	1663695	35977	45.8	4.352	785							93
Dew Point	1527355	34861	43.9	4.306	785		.8					93

USAFETAC FORM 0-26-3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63				.2														2	2		
62/ 61	.1	.1	.4	.1	.9	.1												14	14	1	1
60/ 59			.1	.9	.6													13	13	1	1
58/ 57		.5	.9	.7	.2													19	19	6	
56/ 55		.6	1.7	1.0	.5													31	31	10	7
54/ 53	.2	1.9	2.8	1.2	.2													53	53	36	11
52/ 51		4.6	3.8	.6	.1		.1											76	76	42	14
50/ 49	1.2	8.0	2.8	.1														100	100	93	72
48/ 47	5.1	9.5	2.8	.2														145	145	159	116
46/ 45	3.9	10.1	.7	.2														123	123	150	141
44/ 43	4.8	9.1	.7															120	120	139	167
42/ 41	3.8	6.2	.6															87	87	124	141
40/ 39	1.5	1.0	.5															24	24	56	79
38/ 37	.2	1.0																10	10	13	34
36/ 35		.5																4	4	6	21
34/ 33																				3	9
32/ 31																					6
28/ 27																					1
TOTAL	20.8	53.2	17.8	5.4	2.6	.1	.1												821		821
																		821		821	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6412881	72043	87.8	10.539	821							
Dry Bulb	1878059	39049	47.6	5.034	821							93
Wet Bulb	1729090	37522	45.7	4.166	821							93
Dew Point	1600262	36080	43.9	8.210	821		.8					93

USAFETAC FORM 0-26-3 OL-7 (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL

 0600-0800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 67							.1											1	1		
66/ 65					.1	.5	.1											6	6		
64/ 63					.2	.4	.4	.1										9	9		
62/ 61		.1	.1	.5	.5	.2		.1										13	13		
60/ 59		.4	.6	1.0	.2	.4	.2											23	24	1	
58/ 57		.5	.7	.6	.6	.1												21	21	6	2
56/ 55		1.1	1.9	2.6	.6													51	51	24	7
54/ 53		3.5	3.0	1.5														66	66	31	10
52/ 51	.7	4.9	2.6	.4														70	70	75	38
50/ 49	1.6	8.5	3.2	.1														110	110	114	76
48/ 47	4.1	12.4	2.3	.2														157	157	166	147
46/ 45	3.4	9.6	.5	.2														113	113	154	151
44/ 43	3.0	6.9	1.5															94	94	100	149
42/ 41	3.7	3.4	.2															60	60	93	134
40/ 39	1.0	1.0	.1															17	17	39	50
38/ 37	.1	1.0	.1															10	10	11	26
36/ 35																				5	19
34/ 33																					10
32/ 31																					2
TOTAL	17.7	53.3	16.9	7.1	2.3	1.6	.9	.2											822		821
																		821		821	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	62688762	71064	86.6	11.976	821							
Dry Bulb	19810S2	40102	48.8	5.478	822			.1				93
Wet Bulb	1799907	38287	46.6	8.192	821							93
Dew Point	1653304	36686	44.7	8.133	821		.2					93

USAFETAC FORM 0-26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71							.1											1	1			
70/ 69								.1										1	1			
68/ 67					.5	.4	.6	.1										13	13			
66/ 65			.1		.2	.1	.2	.2										8	8			
64/ 63				.1	.6	.1	.5											11	11	1		
62/ 61		.2	.4	.6	.6	.4	.1											19	19	2		3
60/ 59		.1	.7	.7	.9	.6												25	25	6		
58/ 57		.7	2.6	1.5	1.1	.1												49	49	12		1
56/ 55		2.6	1.5	1.8	.6													53	53	39		9
54/ 53	.4	3.6	3.5	.9														70	70	57		23
52/ 51	.5	5.8	3.0	.4														80	80	93		54
50/ 49	2.1	10.3	4.0	.9	.1													147	147	131		114
48/ 47	2.3	11.0	2.2	.1														128	129	153		112
46/ 45	1.7	6.6	1.2	.1														79	79	131		176
44/ 43	1.6	7.7	1.0															84	84	93		123
42/ 41	2.2	2.3	.4	.1														41	41	69		114
40/ 39		.7	.2															9	9	25		50
38/ 37	.4																	3	3	6		22
36/ 35																				3		14
34/ 33																						3
32/ 31																						1
30/ 29																						2
TOTAL	11.1	52.5	20.8	7.2	4.6	1.7	1.6	.5											821			821
																		821		821		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5969481	69231	84.3	12.667	821							
Dry Bulb	2106295	41299	50.3	5.928	821			1.7				93
Wet Bulb	1885227	39173	47.7	4.436	821							93
Dew Point	1709873	37299	45.4	4.325	821		.3					93

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION — CAPE ROMANZOF AFS AK STATION NAME — 73-81 YEARS — JUL

PAGE 1 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.1										1	1			
72/ 71							.2											2	2			
70/ 69						.6	.1											6	6			
68/ 67			.1		.4	.5	.2	.2										12	12			
66/ 65			.1	.5	.7	.2	.4											16	16			
64/ 63			.2	.2	.6	.4	.1	.1										14	14	1		
62/ 61		.6	.4	.6	.9	.5												24	24	5	1	
60/ 59		.4	.9	1.1	.9	.7												32	32	20	6	
58/ 57		.7	3.1	2.1	.5	.1												53	53	22	9	
56/ 55	.2	2.1	3.1	1.5	.1													57	57	34	8	
54/ 53	.7	3.8	3.9	1.8		.1												85	85	81	30	
52/ 51	.7	5.6	4.4	.9	.1													96	96	94	74	
50/ 49	1.5	11.1	4.4	.7	.1													146	146	128	98	
48/ 47	2.0	9.5	2.1	.1	.1													113	113	161	157	
46/ 45	1.8	6.0	1.3	.5														79	79	116	138	
44/ 43	.6	5.8	.5															56	56	74	114	
42/ 41	.6	1.6	.2	.1														21	21	59	105	
40/ 39		.1																1	1	16	36	
38/ 37	.1	.1																2	2	4	24	
36/ 35	.1																	1	1	2	8	
34/ 33																					5	
32/ 31																					3	
30/ 29																					1	
TOTAL	8.4	47.5	24.7	12.2	4.4	3.2	1.1	.5										817		817		817
																		817		817		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5608388	67376	82.5	12.721	817							
Dry Bulb	2198924	42086	51.5	6.159	817			2.4	.1			93
Wet Bulb	1947456	39706	48.6	4.664	817							93
Dew Point	1747210	37592	46.0	8.633	817		.5					93

USAFETAC FORM 0-26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JUL MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	W.B.	TOTAL Dry B.	Wet B.	Dew Point
70/ 69				.1	.1		.3											4	4			
68/ 67					.3	.3												4	4			
66/ 65				.3	.6	.3												8	8			
64/ 63			.3	1.1	1.4	.3	.3											24	24	1		
62/ 61		.3	.6	.7	1.3	.4												23	23	2		
60/ 59		.7	1.0	1.4	1.0	.1												30	30	12		1
58/ 57	.1	.3	1.6	1.7	.4	.4												32	32	31		11
56/ 55		2.0	3.9	1.9	.4	.1												58	58	25		11
54/ 53	.3	2.6	5.5	1.0	.4													68	68	56		25
52/ 51	.7	5.2	5.2	.6	.1	.1												83	83	87		42
50/ 49	1.4	10.5	4.2	.1														113	113	92		94
48/ 47	1.7	11.4	2.9	.1														112	112	160		132
46/ 45	1.1	6.6	.7	.4														62	62	99		133
44/ 43	.3	6.9	.6															51	51	66		97
42/ 41	.4	1.3	.4															15	15	43		86
40/ 39		.9	.4															9	9	12		34
38/ 37																				10		13
36/ 35																						13
34/ 33																						7
32/ 31																						3
TOTAL	6.2	48.1	27.2	9.6	6.2	2.2	.6												596			596
																		596		596		

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.	4840044	57478	82.6	11.588	696							
Dry Bulb	1855027	35695	51.3	5.922	696			1.1				93
Wet Bulb	1647602	33712	48.4	4.599	696							93
Dew Point	1480480	31946	45.9	4.516	696		.4					93

FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | JUL MONTH

 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	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
68/ 67				.2														1		1		
66/ 65				.4	.2	.2												4		4		
64/ 63			.2	1.1	.8													11		11		
62/ 61			.6	.8	.2		.2	.2										10		10	2	
60/ 59		.9	.8	1.9	.8													23		23	3	
58/ 57		.6	1.5	1.1	1.1		.2											24		24	17	4
56/ 55		.9	3.6	1.5	.4													34		34	14	10
54/ 53		1.9	5.8	1.7	.2													51		51	34	13
52/ 51	.4	6.0	3.2	.6														54		54	41	22
50/ 49	2.1	7.3	5.6															78		78	92	62
48/ 47	3.6	12.6	2.1															97		98	103	107
46/ 45	2.4	7.9	.6															58		58	101	81
44/ 43	1.5	7.3	.2	.2														49		49	55	99
42/ 41	.3	2.3	.8															21		21	30	78
40/ 39	.2	1.5																9		9	17	25
38/ 37		.8	.6															7		7	8	14
36/ 35																					4	7
34/ 33																						3
32/ 31																						5
30/ 29																						1
TOTAL	11.1	49.7	25.4	9.4	3.6	.2	.4	.2											532			531
																		531		531		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3885165.	45035.	84.8	11.131	531							
Dry Bulb	1341597.	26549.	49.9	5.637	532			.2				.2
Wet Bulb	1207316.	25268.	47.5	4.477	531							
Dew Point	1039939.	24053.	45.3	6.429	531		1.1					1.1

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 74-81 YEARS | JUL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63			.2	.8	.2	.2												8	8		
62/ 61		.2	.3	.6	.3													9	9		
60/ 59		.8	.3	.3	.3	.2												12	12	2	
58/ 57		.2	2.5	1.7	.5													31	31	14	3
56/ 55	.2	1.7	2.0	.6	.2													30	30	10	8
54/ 53		2.5	4.6	1.1	.6													56	56	39	15
52/ 51	.3	6.0	2.8	1.4														67	67	56	27
50/ 49	1.9	7.9	2.4	.5														80	80	93	72
48/ 47	3.0	13.9	3.0	.2														127	127	100	99
46/ 45	3.1	8.7	1.3	.3														85	85	142	121
44/ 43	3.1	7.7	1.4															78	78	73	109
42/ 41	1.4	3.1	.6	.2														34	34	66	72
40/ 39	.3	.8	.3															9	9	21	60
38/ 37		1.3																8	8	11	20
36/ 35		.2																1	1	8	16
34/ 33																					9
32/ 31																					3
30/ 29																					1
TOTAL	13.4	54.8	21.7	7.7	2.0	.3													635		635
																		635		635	

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.	4796177	54813	86.3	10.165	635							
Dry Bulb	1532383	31019	48.8	5.200	635							93
Wet Bulb	1399268	29678	46.7	4.388	635							93
Dew Point	1287040	28446	44.8	4.484	635		.6					93

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) JUL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
74/ 73								.0										1	1		
72/ 71							.1											3	3		
70/ 69				.0	.0	.1	.1	.0										11	11		
68/ 67			.0	.0	.2	.2	.1	.1										31	31		
66/ 65			.0	.1	.2	.2	.1	.0										42	42		
64/ 63			.1	.4	.5	.2	.2	.0										82	82	3	
62/ 61	.0	.2	.4	.5	.8	.3	.0	.0										134	134	12	5
60/ 59		.4	.5	1.0	.6	.3	.0											171	172	47	10
58/ 57	.0	.4	1.7	1.3	.6	.1	.0											247	247	116	30
56/ 55	.1	1.5	2.4	1.6	.4	.0												347	347	164	66
54/ 53	.2	2.9	3.9	1.3	.2	.0												501	501	381	133
52/ 51	.4	5.2	3.6	.7	.1	.0	.0											598	598	528	294
50/ 49	1.6	8.7	3.8	.4	.1													879	879	842	656
48/ 47	3.2	11.3	2.5	.2	.0													1021	1022	1132	984
46/ 45	2.5	8.1	1.1	.2														705	705	1053	1075
44/ 43	2.3	7.4	.8	.0														530	530	723	1002
42/ 41	2.2	3.4	.5	.1														365	365	556	852
40/ 39	.5	.9	.2															95	95	246	417
38/ 37	.2	.6	.1															54	54	76	190
36/ 35	.0	.2																10	10	42	120
34/ 33																				6	61
32/ 31																					23
30/ 29																					7
28/ 27																					2
TOTAL	13.4	51.4	11.7	7.9	3.5	1.3	.6	.2											5929		5927
																		5927.		5927.	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	43831583	504995	85.2	11.653	5927							
Dry Bulb	14716377	293397	49.5	5.774	5929			5.8	1.			744
Wet Bulb	13279561	279263	47.1	4.528	5927							744
Dew Point	12105463	266563	45.0	4.443	5927		4.2					744

FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
72/ 71					.3	.1												3		3		
70/ 69					.4													3		3		
66/ 65				.4														3		3	2	
64/ 63			.3	.3	1.0	.4												15		15	2	
62/ 61		.3		.3	.3													6		6	4	
60/ 59	.1	.8	.4	.3	.1													13		13	6	5
58/ 57		1.2	.8	.5	.1													20		20	14	8
56/ 55	.8	4.0	1.7	.4														53		53	34	15
54/ 53	.9	7.9	2.7	.4	.1	.1												94		95	51	41
52/ 51	1.6	6.2	2.2	.1														78		78	94	76
50/ 49	2.2	14.1	1.2	.1														136		136	119	91
48/ 47	3.2	11.7	.8															121		121	139	149
46/ 45	4.8	9.2	1.8															122		122	147	151
44/ 43	3.0	4.0	.3	.1														57		57	87	109
42/ 41	.4	2.5	1.7															35		35	33	49
40/ 39		.4	.5	.1														8		8	21	34
38/ 37		.3	.1															3		3	10	14
36/ 35		.1																1		1	7	13
34/ 33		.1																1		1	2	5
32/ 31																						10
30/ 29																						1
28/ 27																						1
TOTAL	17.0	82.7	14.4	3.0	2.3	.6												772		773		772
																		772			772	

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.	6137835	68449	88.7	9.449	772							
Dry Bulb	1928696	38392	49.7	5.327	773			.7				93
Wet Bulb	1788121	36979	47.9	4.670	772							93
Dew Point	1677265	35787	46.4	4.874	772		1.4					93

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PAGE 1 ~~2300-0500~~ (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.2													2	2		
70/ 69					.4													3	3		
68/ 67				.1		.1												2	2		
66/ 65					.6	.1												6	6		
64/ 63			.1	.4	.2													6	6	3	
62/ 61			.1	.5														5	5	3	
60/ 59		.6	.4	.4	.1													12	12	4	1
58/ 57		1.2	1.1	.6														24	24	17	8
56/ 55	.6	3.1	1.1	1.0														47	47	30	13
54/ 53	.5	7.2	2.7	.9														91	91	46	51
52/ 51	1.7	8.3	1.2	.2														93	93	92	60
50/ 49	4.2	8.8	1.6	.5														120	120	135	114
48/ 47	4.2	14.2	1.4															159	159	148	146
46/ 45	4.5	9.2	.6	.1														116	116	159	164
44/ 43	2.7	3.1	1.1	.2														58	58	78	105
42/ 41	1.4	2.2	.7	.1														36	36	36	61
40/ 39		.9	.4															10	10	22	23
38/ 37		1.1	.1															10	10	17	16
36/ 35		.4	.1															4	4	9	16
34/ 33																				5	11
32/ 31																					11
30/ 29																					4
TOTAL	19.7	60.4	12.9	5.1	1.6	.2													804		804
																		804		804	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6457362	71680	89.2	9.120	804							
Dry Bulb	1975049	39621	49.3	5.297	804			.8				.8
Wet Bulb	1839793	38275	47.6	4.693	804							
Dew Point	1731057	37097	46.1	4.913	804		1.7					1.7

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (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
72/ 71						.2												2	2		
70/ 69				.1	.1													2	2		
68/ 67				.2		.1												3	3		
66/ 65			.1	.5	.6													10	10		
64/ 63		.2		.2	.1	.2												7	7	1	
62/ 61			.1	.4	.2	.2												8	8	8	2
60/ 59		.2	.4	.4	.2													10	10	8	3
58/ 57		2.0	1.5	.9	.2													37	37	14	3
56/ 55	.5	4.6	2.5	.6														66	66	28	24
54/ 53	.4	6.1	2.4	.7	.1													78	78	75	40
52/ 51	2.1	10.0	2.2	.9	.1													123	123	101	87
50/ 49	3.0	9.0	2.2	.1	.5													119	119	122	121
48/ 47	3.0	12.1	1.7	.5														139	139	135	119
46/ 45	5.3	8.1	1.2	.2														120	120	163	163
44/ 43	2.4	2.2	1.1	.1														47	47	79	105
42/ 41	.5	.4	1.0	.1														16	16	31	57
40/ 39		.5	1.0															12	12	18	18
38/ 37		.4	.2															5	5	13	21
36/ 35																				7	13
34/ 33																				1	16
32/ 31																					9
30/ 29																					3
TOTAL	17.2	55.7	17.8	6.1	2.4	.9													804		804
																		804		804	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6230567	70291	87.4	10.304	804							
Dry Bulb	2038981	40269	50.1	5.243	804			.8				93
Wet Bulb	1877774	38676	48.1	4.640	804							93
Dew Point	1748494	37274	46.4	5.046	804		1.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
76/ 75						.1	.1											2	2	
74/ 73						.2												2	2	
72/ 71					.1	.1	.1											3	3	
70/ 69				.2	.1	.1												4	4	
68/ 67			.1		.5	.1												6	6	
66/ 65		.1		.2	.7	.2												11	11	2
64/ 63		.1	.1	.4	.4	.2												10	10	9 1
62/ 61		.2	.6	1.0	.2	.2												19	19	2 4
60/ 59	.1	.6	2.5	1.1	.4	.4												41	41	14 6
58/ 57	.1	1.2	2.9	1.0	.2		.1											45	45	27 9
56/ 55	.4	3.6	3.5	1.2	.1													71	71	58 19
54/ 53	1.1	7.1	3.3	.5	.2													99	99	74 65
52/ 51	2.7	7.8	3.1	.4	.1													114	114	129 112
50/ 49	2.0	10.2	4.1	.6														136	136	123 115
48/ 47	2.1	9.9	1.6	.4	.1													114	114	132 130
46/ 45	3.2	5.1	1.7	.5														85	85	128 146
44/ 43	1.4	1.1	1.0	.1														29	29	68 94
42/ 41	.4	.1	.9															11	11	19 38
40/ 39		.4	.2															5	5	11 27
38/ 37																				11 13
36/ 35																				9
34/ 33																				13
32/ 31																				6
TOTAL	13.5	47.6	25.7	7.7	3.3	1.9	.4												807	807
																		807		807

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.	5974028	68826	85.3	11.366	807							
Dry Bulb	2189173	41779	51.8	5.706	807			2.0	.5			93
Wet Bulb	1982674	39818	49.3	4.729	807							93
Dew Point	1824652	38162	47.3	4.984	807		.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.1		.1													2	2		
76/ 75				.1	.1	.1												3	3	1	
74/ 73																					1
72/ 71				.3	.3	.3												6	6		
70/ 69			.3		.1	.1												4	4	2	
68/ 67			.4	.3	.7	.3	.1											13	13	1	
66/ 65				.8	.8	.4	.3											17	17	6	2
64/ 63			.5	.8	.1		.1											12	12	3	7
62/ 61		.1	.5	.8	.9	.1												19	19	10	1
60/ 59	.4	.5	3.1	.9	.7													43	43	19	7
58/ 57	.1	2.0	3.1	1.4	.4	.1												55	55	26	16
56/ 55	.3	4.7	3.0	.8	.4	.3												72	72	55	20
54/ 53	.8	6.9	4.2	.9	.3													100	100	97	70
52/ 51	2.6	7.1	2.7	.3														97	97	113	145
50/ 49	1.7	10.5	2.7	.4														117	117	110	106
48/ 47	2.7	8.4	1.6	.7	.1													103	103	149	137
46/ 45	2.6	4.4	2.0	.8														75	75	88	130
44/ 43	.5	.8	.4	.3														15	15	49	71
42/ 41	.3	.4	.4															8	8	17	28
40/ 39		.5																4	4	11	30
38/ 37																				6	13
36/ 35																					11
34/ 33																					7
32/ 31																					3
TOTAL	12.0	46.3	25.1	9.4	5.0	1.7	.5												765		765
																		765		765	

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.	5539046	64490	84.3	11.583	765							
Dry Bulb	2153501	40313	52.7	6.176	765			3.4	.6			93
Wet Bulb	1939133	38319	50.1	5.081	765			.5	.1			93
Dew Point	1773434	36614	47.9	5.247	765		.4	.1	.1			93

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 1500-1740 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77						.5												3	3		
76/ 75			.2	.2	.3													4	4		
74/ 73				.2														1	1		
72/ 71				.2	.2			.2										3	3	1	1
70/ 69					.3	.5	.2											6	5	5	
68/ 67			.2	.2	.6	.3	.3											10	10	3	1
66/ 65		.2		.3	.2													4	5		5
64/ 63			.5	.3	.2	.2	.5											10	10	3	2
62/ 61	.3	.3	.8	.3		.2												12	12	6	4
60/ 59	.3	1.1	2.5	1.3		.5												36	36	24	4
58/ 57	.3	1.4	2.7	.8														33	33	21	16
56/ 55	1.1	5.5	2.7	.3														61	61	48	25
54/ 53	2.1	4.4	5.1	.6	.2	.2												79	79	71	58
52/ 51	1.7	6.7	3.8															77	77	73	66
50/ 49	1.4	11.6	5.2	.5														118	118	99	78
48/ 47	1.7	8.4	3.0	.6														87	87	120	119
46/ 45	2.9	4.6	1.0	.2														54	54	75	104
44/ 43		1.9	1.3															20	20	45	47
42/ 41		.5	1.0															9	9	23	42
40/ 39	.6																	4	4	12	27
38/ 37																				5	18
36/ 35																					7
34/ 33																					6
32/ 31																					1
TOTAL	12.5	46.6	29.8	5.9	1.9	2.2	1.0	.2											632		631
																		631		631	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4650260	53748	85.1	11.189	631							
Dry Bulb	1755788	33072	52.3	6.314	632			4.0	1.2			93
Wet Bulb	1584846	31444	49.8	5.335	631			1.3				93
Dew Point	1458918	30136	47.8	5.585	631		.1	.3				93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-74,77-81 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75					.2													1	1		
74/ 73				.2														1	1		
72/ 71			.4	.6	.2													6	6		
70/ 69					.2													1	1		
68/ 67				.6														3	3	4	
66/ 65		.4				.2												3	3	4	3
64/ 63		.2		.8	.4													7	7	3	4
62/ 61		.2		.9	.2													7	7	4	4
60/ 59		1.1	.9	.4	.2													14	14	3	3
58/ 57	1.5	2.5	2.8															36	36	23	14
56/ 55	.9	3.8	3.2	.6	.2													46	46	37	22
54/ 53	2.5	6.8	1.9	.8														53	63	50	38
52/ 51	1.5	7.4	3.0	.4														65	65	60	53
50/ 49	1.9	12.1	3.6	.2														94	94	74	68
48/ 47	1.1	9.5	1.7															65	65	99	84
46/ 45	2.8	8.7	2.6															75	75	78	91
44/ 43	.9	2.1	1.5															24	24	46	53
42/ 41	.2	.4	.8	.2														8	8	20	29
40/ 39	.4	.4	.9															9	9	12	25
38/ 37	.2																	1	1	11	19
36/ 35																				1	9
34/ 33																					6
32/ 31																					4
TOTAL	14.0	55.4	23.4	5.5	1.5	.2													529		529
																		529		529	

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4065663	46119	87.2	9.226	529							
Dry Bulb	1396817	27009	51.1	5.811	529			2.1	.8			93
Wet Bulb	1287357	25943	49.0	5.343	529			.7				93
Dew Point	1200648	25020	47.3	5.721	529		.7					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) AUG

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71					.7													4	4		
70/ 69				.2	.3													3	3		
68/ 67			.2															1	1		
66/ 65			.3	.2		.2												4	4		
64/ 63		.5	.3	.2	.2	.2												8	8	9	
62/ 61			.2	.3	.2	.2												5	5	4	5
60/ 59			.8	.8														10	10	3	8
58/ 57	.5	3.2	1.8	.2														34	34	14	6
56/ 55	1.3	4.8	1.8	.3														50	50	39	23
54/ 53	1.5	6.5	1.8															59	59	59	42
52/ 51	.8	7.8	1.7	.3														64	64	57	49
50/ 49	2.2	16.1	2.8															127	127	100	81
48/ 47	3.2	10.5	.5															85	85	116	127
46/ 45	3.0	7.7	1.5															73	73	84	92
44/ 43	1.0	5.2	1.2															44	44	57	62
42/ 41	1.0	1.0	.3															14	14	33	46
40/ 39		.7	1.8															15	15	10	24
38/ 37		.2																1	1	10	15
36/ 35																				6	7
34/ 33																					8
32/ 31																					4
30/ 29																					2
TOTAL	14.5	64.1	17.1	2.5	1.3	.5												601		601	601
																		601		601	

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.	4752044	53196	88.5	8.518	601							
Dry Bulb	1536606	30210	50.3	5.487	601			1.2				93
Wet Bulb	1429136	29152	48.5	5.016	601							93
Dew Point	1342104	28222	47.0	5.298	601		.9					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
78/ 77			.0		.0	.1												5	5		
76/ 75			.0	.0	.1	.0	.0											10	10	1	
74/ 73				.0		.0												4	4		1
72/ 71			.0	.1	.2	.1	.0	.0										29	29	1	1
70/ 69			.0	.1	.2	.1	.0											26	26	7	
68/ 67			.1	.2	.2	.1	.1											38	38	8	1
66/ 65		.1	.1	.3	.4	.1	.0											58	59	16	10
64/ 63		.1	.2	.4	.3	.2	.1											75	75	33	14
62/ 61	.0	.1	.3	.6	.3	.1												81	81	41	20
60/ 59	.1	.6	1.4	.7	.2	.1												179	179	78	37
58/ 57	.3	1.8	2.0	.7	.1	.0	.0											284	284	156	80
56/ 55	.7	4.2	2.4	.7	.1	.0												466	466	329	161
54/ 53	1.1	6.7	3.0	.6	.1	.0												663	664	523	405
52/ 51	1.9	7.7	2.5	.3	.0													711	711	719	608
50/ 49	2.3	11.3	2.9	.3	.1													967	967	882	774
48/ 47	2.7	10.7	1.5	.3	.0													873	873	1038	1011
46/ 45	3.7	7.1	1.5	.2														720	720	922	1041
44/ 43	1.6	2.5	.9	.1														294	294	509	646
42/ 41	.5	1.0	.9	.1														137	137	212	350
40/ 39	.1	.5	.6	.0														57	67	117	208
38/ 37	.0	.3	.1															20	20	83	129
36/ 35		.1	.0															5	5	30	85
34/ 33		.0																1	1	8	72
32/ 31																					48
30/ 29																					10
28/ 27																					1
TOTAL	15.2	54.8	20.5	5.7	2.5	1.1	.2	.0										5713	5715	5713	5713

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.
Rel. Hum.	43806805	496759	87.0	10.355	5713
Dry Bulb	14974611	290665	50.9	5.787	5715
Wet Bulb	13728839	278606	48.8	4.987	5713
Dew Point	12756572	268312	47.0	5.213	5713

Mean No. of Hours with Temperature

	≤ 0 F	> 32 F	> 67 F	> 73 F	> 80 F	> 93 F	Total
Dry Bulb			14.6	2.5			744
Wet Bulb			2.2	.1			744
Dew Point		7.7	.4	.1			744

FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72212O (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
58/ 57				.1	.1													2	2	
56/ 55			.1	.3														3	3	
54/ 53		.6	.5	.3		.3												13	13	1
52/ 51	1.0	1.9	1.9	.5	.6	.1												48	48	17	11
50/ 49	.9	2.9	1.0	.3	.1													40	40	29	15
48/ 47	1.8	7.0	3.0	.1														92	92	63	41
46/ 45	3.4	12.8	3.9	.1														156	156	114	85
44/ 43	2.2	11.3	1.4															115	115	150	112
42/ 41	2.5	9.3	.6															96	96	129	120
40/ 39	1.7	5.2	1.4															64	64	82	100
38/ 37		3.1	3.2															49	49	46	92
36/ 35	.8	4.4	1.4															51	51	49	48
34/ 33	.6	3.6	.6															38	38	54	38
32/ 31	.1	.3																3	3	31	50
30/ 29	.1																	1	1	6	32
28/ 27																					20
26/ 25																					5
24/ 23																					1
TOTAL	15.2	62.5	19.3	1.7	.9	.4												771	771	771	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5907587	671.05	87.0	9.329	771							
Dry Bulb	1468897	33433	43.4	4.985	771		.5					.90
Wet Bulb	1356372	32118	41.7	4.890	771		4.3					.90
Dew Point	1237821	30587	39.7	5.627	771		12.7					.90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 SEP

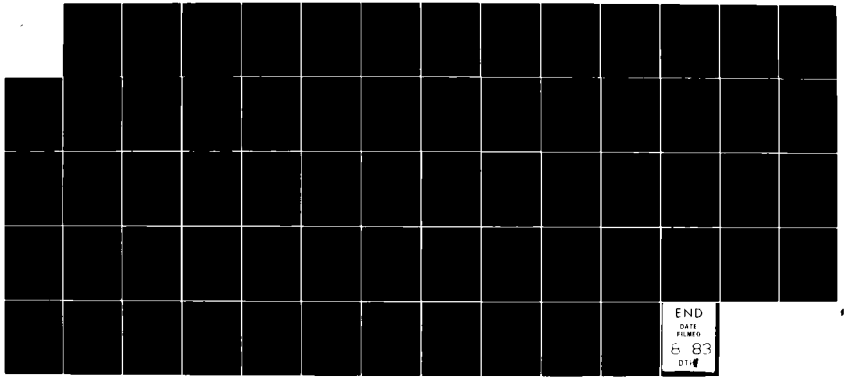
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	TOTAL DB=WB	TOTAL DB-WB	TOTAL Wet	TOTAL Dew Point
58/ 57					.4									3	3		
56/ 55					.1									1	1		
54/ 53			.5	.1	.4	.2								10	10		
52/ 51	.6	2.1	.7	.2	.4									33	33	12	1
50/ 49	.7	4.2	1.9	.7	.4									64	64	24	19
48/ 47	1.9	6.3	1.7	.2										79	79	56	44
46/ 45	3.1	12.4	1.5	.2										138	138	107	71
44/ 43	4.1	12.4	2.0											148	148	156	129
42/ 41	2.1	9.2	1.5											103	103	138	122
40/ 39	1.4	6.5	.9											72	72	82	107
38/ 37	.6	4.6	2.1											59	59	53	61
36/ 35	.7	4.1	1.1											48	48	55	62
34/ 33	.5	2.5	1.1											33	33	51	49
32/ 31		1.5												12	12	26	48
30/ 29																12	26
28/ 27																	18
26/ 25																	10
24/ 23																	1
TOTAL	15.9	66.0	14.7	1.9	1.5										801		801
														801		801	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤47 F	≤63 F	≤68 F	≤75 F	Tot
Ref. Hum.	6210725	70143	87.6	9.243	801							
Dry Bulb	1506915	34521	43.1	4.893	801		1.3					43
Wet Bulb	1396411	33219	41.5	4.842	801		4.3					43
Dew Point	1279509	31695	39.6	5.630	801		12.0					33

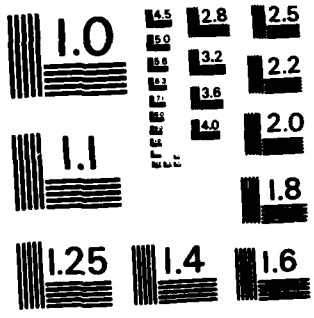
USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A130 206 CAPE ROMANZOF AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSER..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/008 SBI-AD-E850 374 F/G 4/2 NL



END
DATE FILMED
8 83
DTIC



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
60/ 59				.1	.1														2	2		
58/ 57				.1	.2	.1													4	4		
56/ 55			.2	.1	.2														5	5		
54/ 53		.4	.5	.9	.7														20	20	2	
52/ 51	.5	1.2	1.6	.2	.2														31	31	15	8
50/ 49	.6	5.0	1.5	.2															59	59	25	16
48/ 47	.9	7.0	2.0	.7															85	85	76	38
46/ 45	3.6	11.1	2.6	.1															140	140	121	94
44/ 43	2.9	14.6	2.2																158	158	152	114
42/ 41	1.6	8.6	2.2	.2															102	102	144	140
40/ 39	.9	5.2	1.5																61	61	74	109
38/ 37	.4	4.2	1.4																48	48	58	74
36/ 35	.7	3.6	1.4																46	46	52	53
34/ 33	.2	2.7	1.1																33	33	43	48
32/ 31		.9																	7	7	26	44
30/ 29	.1																		1	1	14	30
28/ 27																						21
26/ 25																						9
24/ 23																						1
22/ 21																						3
TOTAL	12.5	64.6	18.3	2.9	1.6	.1													802	802	802	802

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6077246	69370	86.5	9.805	802							
Dry Bulb	1538433	34893	43.5	5.037	802		.9					80
Wet Bulb	1812468	33830	41.7	8.868	802		8.5					80
Dew Point	1285823	31788	39.6	5.631	802		12.1					80

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
62/ 61						.1												1	1		
60/ 59				.5	.1	.1												6	6		
58/ 57			.1	.4	.5	.2												10	10		
56/ 55		.5	.7	.5	.5													18	18		
54/ 53	.1	.9	1.5	.6	.4													28	28	13	1
52/ 51	.4	2.0	2.1	.4														39	39	22	15
50/ 49	.7	4.2	2.4	.9														66	66	54	19
48/ 47	2.0	7.5	2.4	.6														100	100	80	58
46/ 45	2.5	13.8	4.7	.2														171	171	134	93
44/ 43	2.6	10.0	2.6	.4	.1													126	126	148	138
42/ 41	.9	6.5	2.1	.6														81	81	122	113
40/ 39	.7	3.6	2.5	.2														57	57	65	121
38/ 37	.2	3.5	1.2	.1														41	41	54	65
36/ 35	.6	2.7	1.7															41	41	55	45
34/ 33		.9	.2															9	9	31	37
32/ 31		1.1																9	9	19	53
30/ 29																				6	22
28/ 27																					19
26/ 25																					8
TOTAL	10.8	57.2	24.4	5.5	1.6	.5													803		803
																		803		803	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5851293	68037	84.7	10.392	803							
Dry Bulb	1633576	35966	44.8	5.317	803		1.0					80
Wet Bulb	1481412	34260	42.7	4.957	803		2.8					90
Dew Point	1330523	32373	40.3	5.628	803		11.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9417 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PAGE 1 1200-1800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63					.1		.1											2	2		
62/ 61					.6	.5	.3											11	11		
60/ 59				.5	.4	.3												9	9		
58/ 57			.4		.5													7	7		
56/ 55		.8	1.0	.4	.6													22	22	2	
54/ 53		1.0	2.3	1.0	.4													37	37	21	
52/ 51	.3	2.3	.8	.3														28	28	31	11
50/ 49	.4	4.5	5.0	.9														84	84	53	36
48/ 47	1.7	8.2	4.3	.8														117	117	83	49
46/ 45	3.1	14.5	4.1	.9	.1													177	177	161	102
44/ 43	1.5	7.8	3.3	.4														102	102	145	140
42/ 41	.9	2.8	2.4	1.2	.1													58	58	86	119
40/ 39	1.2	3.2	2.0	.1														51	51	59	104
38/ 37	.6	2.8	1.3															37	37	55	50
36/ 35	.5	1.0	1.8															26	26	46	62
34/ 33		.9	.1															8	8	19	31
32/ 31		.8																6	6	18	31
30/ 29																				3	21
28/ 27																					18
26/ 25																					7
24/ 23																					1
TOTAL	10.1	50.5	28.9	6.4	2.9	.8	.4												782		782
																		782		782	

Element (X)	ΣX^1	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5510287	65053	83.2	11.239	782							
Dry Bulb	1661951	35791	85.8	5.526	782		.7					90
Wet Bulb	1890751	33925	81.4	8.933	782		2.8					90
Dew Point	1322882	31862	80.7	6.522	782		8.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.1													1	1		
62/ 61						.4												1	1		
60/ 59				.4	.6	.3												9	9		
58/ 57			.4	.4	.1													7	7		
56/ 55		.1	1.9	.1	.7													20	20	1	
54/ 53		1.4	2.7	.3	.1													32	32	12	
52/ 51		2.3	1.9	.6														33	33	38	6
50/ 49	.3	6.2	3.7	.6														75	75	46	32
48/ 47	.7	9.4	4.0	.4														102	102	80	60
46/ 45	3.4	13.7	3.7	.4														149	149	130	99
44/ 43	2.0	8.3	3.0	.7														98	98	137	125
42/ 41	.6	3.3	2.1	.4														45	45	75	101
40/ 39	.7	2.7	3.4															48	48	45	81
38/ 37	1.4	3.1	1.4	.1														43	43	58	44
36/ 35	.4	1.0	1.1															18	18	45	47
34/ 33	.1	1.0	.3															10	10	17	36
32/ 31		.7	.1															6	6	14	25
30/ 29																				5	21
28/ 27																					14
26/ 25																					7
22/ 21																					1
TOTAL	9.7	53.4	29.9	4.6	1.7	.7												699		699	699
																		699		699	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5021108	58790	84.1	10.871	699							
Dry Bulb	1470953	31843	45.6	5.399	699		.8					90
Wet Bulb	1329101	30281	43.3	3.981	699		2.8					90
Dew Point	1190589	28573	40.9	5.687	699		8.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

PAGE 1 ~~1800-2000~~ (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57			.6	.2	.2													5	5		
56/ 55			.2	.2														2	2	1	
54/ 53		1.2	1.8	.4	.8													21	21	2	
52/ 51		2.3	2.3	.4														26	26	10	4
50/ 49	.6	5.4	1.6	.2														40	40	31	12
48/ 47	1.0	9.1	2.9	.6														70	70	64	44
46/ 45	5.1	13.2	3.1	.4														112	112	86	76
44/ 43	1.8	11.1	2.1															77	77	100	66
42/ 41	.4	6.4	1.9															45	45	63	86
40/ 39	.8	3.3	2.5															34	34	86	54
38/ 37	1.8	4.3	1.8	.4														42	42	29	44
36/ 35		1.6	1.9															18	18	38	37
34/ 33	.4	2.3	.8															18	18	22	26
32/ 31	.2	.6																4	4	18	30
30/ 29																				4	14
28/ 27																					13
26/ 25																					8
TOTAL	11.9	60.9	23.5	2.7	1.0														514		514
																		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.	3828332	44102	85.8	9.298	514							
Dry Bulb	1022598	22776	44.3	5.108	514		.7					80
Wet Bulb	937970	21808	42.4	8.976	514		3.9					80
Dew Point	888809	20679	40.2	8.733	514		11.4					80

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 74-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
58/ 57				.2														1	1		
56/ 55			.7															4	4		
54/ 53		.5	.3	.2		.5												9	9	2	
52/ 51	.5	3.4	.5	.2														27	27	11	6
50/ 49	.3	4.0	2.2	.2														40	40	26	16
48/ 47	1.7	6.9	2.9	.3														70	70	55	41
46/ 45	4.7	11.3	2.9	.2														113	113	90	67
44/ 43	3.2	12.8	2.0															107	107	114	81
42/ 41	1.2	7.4	1.9															62	62	78	88
40/ 39	.8	4.5	1.5															41	41	63	74
38/ 37	.2	5.2	2.2															45	45	38	50
36/ 35	.8	5.7	1.3															47	47	48	48
34/ 33	.2	2.9	.3															20	20	47	28
32/ 31	.3	1.0																8	8	21	59
30/ 29																				1	23
28/ 27																					9
26/ 25																					4
TOTAL	14.0	65.7	18.7	1.2		.5													594		594
																		594		594	

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.	4577199	51895	87.4	8.553	594							
Dry Bulb	1128239	25713	43.3	5.059	594		1.2					90
Wet Bulb	1044902	24739	41.6	5.027	594		3.3					90
Dew Point	957206	23402	39.7	5.720	594		18.4					90

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

 ALL (HOURS L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63					.0		.0											3	3		
62/ 61					.1	.1	.0											15	15		
60/ 59				.2	.2	.1												26	26		
58/ 57			.2	.2	.3	.1												39	39		
56/ 55		.2	.6	.2	.3													75	75	4	
54/ 53	.0	.8	1.2	.5	.3	.1												170	170	53	1
52/ 51	.4	2.2	1.5	.3	.2	.0												265	265	156	71
50/ 49	.6	4.5	2.4	.5	.1													468	468	298	165
48/ 47	1.5	7.6	2.9	.5														715	715	566	375
46/ 45	3.5	12.9	3.3	.3	.0													1156	1156	943	687
44/ 43	2.6	11.0	2.4	.2	.0													931	931	1102	901
42/ 41	1.3	6.7	1.9	.3	.0													592	592	835	889
40/ 39	1.0	4.4	1.9	.1														426	426	516	750
38/ 37	.6	3.8	1.8	.1														368	368	397	500
36/ 35	.6	3.0	1.5															295	295	388	402
34/ 33	.3	2.1	.6															169	169	284	283
32/ 31	.1	.9	.0															55	55	173	340
30/ 29	.0																	2	2	51	191
28/ 27																					132
26/ 25																					59
24/ 23																					6
22/ 21																					4
TOTAL	12.5	60.0	22.1	3.4	1.5	.4	.1												5766		5766
																		5766		5766	

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.	42983777	494495	85.8	9.993	5766							
Dry Bulb	11431562	258936	88.2	5.267	5766		2.1					720
Wet Bulb	10849383	243775	82.3	8.982	5766		28.0					720
Dew Point	9852322	231160	80.1	8.666	5766		81.8					720

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.1																1	1		
48/ 47		.2																2	2	2	
46/ 45		.4	.5															7	7	1	3
44/ 43		.7	1.1	.4														18	18	4	2
42/ 41	.4	2.4	.4	.1														27	27	20	6
40/ 39	1.6	3.4	.5	.2														47	47	36	34
38/ 37	1.9	5.6	1.1															71	71	59	28
36/ 35	3.8	7.2	.1															91	91	89	68
34/ 33	2.2	7.2	1.3															88	88	84	69
32/ 31	4.3	12.3	1.8	.1														152	152	111	109
30/ 29	3.3	6.6	.6															86	86	117	77
28/ 27	1.6	6.8	.5															73	73	92	102
26/ 25	1.8	4.0	.4															51	51	69	70
24/ 23	1.1	2.2																27	27	46	49
22/ 21	1.1	2.9																33	33	25	67
20/ 19	.4	2.6	.1															25	25	27	39
18/ 17	.1	.2																3	3	18	26
16/ 15	.2	.2	.1															5	5	6	27
14/ 13	.5	.5	.1															9	9	5	17
12/ 11																				5	13
10/ 9		.2																2	2		3
8/ 7		.4																3	3	2	1
6/ 5		.2																2	2	4	4
4/ 3																				1	
2/ 1																					2
0/ -1																					2
-2/ -3																					3
-4/ -5																					2
TOTAL	24.2	56.3	8.6	.9														823	823		823
																		823		823	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6082979	70309	85.4	9.685	823							
Dry Bulb	893147	25785	31.3	6.552	823		53.2					93
Wet Bulb	778999	24757	30.1	6.457	823		59.7					93
Dew Point	665168	22518	27.4	7.725	823	.8	69.3					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49		.1																1	1		
48/ 47	.1	.1		.1														3	3	2	2
46/ 45		.1	.2	.1														4	4	1	1
44/ 43	.1	1.2	1.0															19	19	3	1
42/ 41	.2	1.9	1.1															27	27	22	9
40/ 39	1.6	3.1	.8															46	46	35	30
38/ 37	1.4	5.0	.7															60	60	51	28
36/ 35	3.1	6.9	.7															90	90	83	52
34/ 33	2.6	7.2	.7															88	88	93	82
32/ 31	4.4	13.4	1.2	.1														160	160	109	115
30/ 29	4.7	5.9	1.3															99	99	141	99
28/ 27	1.7	6.3	.8															70	70	74	96
26/ 25	1.2	3.6	.5															44	44	70	59
24/ 23	1.3	2.6																33	33	8	49
22/ 21	1.4	2.0																29	29	40	51
20/ 19	1.2	3.7																41	41	34	47
18/ 17	.2	.4																5	5	17	43
16/ 15																				1	29
14/ 13	.5	.4																7	7	4	13
12/ 11	.2	.1																3	3	6	15
10/ 9		.7																6	6	2	3
8/ 7																				4	1
6/ 5		.2																2	2	2	3
4/ 3																					2
2/ 1																					1
0/ -1																					5
-2/ -3																					1
TOTAL	26.0	65.0	8.6	.4															837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6292032	72150	86.2	9.322	837							
Dry Bulb	842639	25981	31.0	6.578	837		55.8					93
Wet Bulb	811911	25007	29.9	6.850	837		60.8					93
Dew Point	672292	22858	27.3	7.598	837	.7	70.2					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (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
48/ 47		.4	.1	.2														6	6	1	
46/ 45		.2	.4															5	5	2	2
44/ 43	.4	1.3	.4	.1														18	18	11	5
42/ 41		1.9	1.6															29	29	14	9
40/ 39	1.1	2.4	1.0		.1													38	38	37	23
38/ 37	2.2	5.6	.5															69	69	52	36
36/ 35	2.2	5.9	.8															74	74	72	55
34/ 33	2.5	8.6	1.3	.4														107	107	89	63
32/ 31	4.5	12.5	2.2															161	161	109	121
30/ 29	3.6	6.0	.2															82	82	148	101
28/ 27	1.8	6.7	.5															75	75	80	80
26/ 25	.8	4.8	.4															50	50	65	67
24/ 23	1.1	1.4	.1															22	22	46	59
22/ 21	.7	4.3																42	42	38	55
20/ 19	1.9	2.3	.1															36	36	33	41
18/ 17	.4	.6																8	8	20	53
16/ 15																				5	25
14/ 13	.1	.2																3	3	2	18
12/ 11	.1	.5																5	5	4	10
10/ 9		.6																5	5	6	8
8/ 7		.1																1	1	2	1
6/ 5		.1																1	1	1	5
4/ 3																					4
2/ 1																					1
0/ -1																					2
-2/ -3																					1
TOTAL	23.3	66.4	9.4	.7	.1														837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6231481	71789	85.8	9.820	837							
Dry Bulb	844301	26005	31.1	6.593	837		58.6					93
Wet Bulb	779481	24969	29.8	6.835	837		62.1					93
Dew Point	667391	22775	27.2	7.552	837	.3	71.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 ~~2900-1100~~ (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
52/ 51			.1															1	1		
50/ 49		.1																1	1		
48/ 47		.2	.1															3	3	2	1
46/ 45	.2	.6	.4	.2														12	12	6	3
44/ 43	.4	1.1	1.4	.4														27	27	9	8
42/ 41	.2	2.2	1.4	.1														33	33	23	8
40/ 39	1.1	3.1	1.4	.2														49	49	43	24
38/ 37	.7	6.6	.6															66	66	51	38
36/ 35	2.0	6.7	2.2	.2														93	93	85	62
34/ 33	2.9	6.9	2.0															99	99	91	80
32/ 31	3.6	13.3	2.2	.1														160	160	131	100
30/ 29	3.0	6.7	1.1															90	90	130	101
28/ 27	1.3	5.1	.2															56	56	77	91
26/ 25	1.2	4.1	.8															49	49	60	88
24/ 2_	.2	1.6	.4															18	18	36	42
22/ 21	.6	3.2	.2															34	34	22	51
20/ 19	1.1	1.8																24	24	39	46
18/ 17	.1	.6																6	6	11	21
16/ 15																				5	32
14/ 13	.5	.8																11	11	5	19
12/ 11		.2																2	2	7	9
10/ 9		.1																1	1	1	7
8/ 7	.1	.1																2	2	3	2
6/ 5																					2
4/ 3																					5
2/ 1																					1
TOTAL	19.0	65.1	14.6	1.3															837		837
																		837		837	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6053863	70715	84.5	9.787	837							
Dry Bulb	891938	26758	32.0	6.608	837		50.3					93
Wet Bulb	814813	25559	30.5	6.808	837		58.6					93
Dew Point	688818	23188	27.7	7.452	837		68.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
56/ 55					.1													1	1			
52/ 51				.2														2	2			
50/ 49		.2	.1															3	3			
48/ 47		.2																2	2	7	2	
46/ 45	.4	.1	.4	.4														10	10	4	6	
44/ 43	.4	2.3	2.0	.5														43	43	7	3	
42/ 41	.5	3.0	2.8															52	52	12	14	
40/ 39	.5	3.7	.7															41	41	2	28	
38/ 37	1.6	6.3	1.7	.1														81	81	75	29	
36/ 35	2.0	4.3	2.9	.1														78	78	78	95	
34/ 33	2.3	8.7	2.3	.1														112	112	83	66	
32/ 31	2.9	13.2	2.5	.1														156	156	132	110	
30/ 29	1.3	6.7	.4															70	70	122	77	
28/ 27	.8	5.3	.1															52	52	80	93	
26/ 25	.7	4.1	.5															44	44	46	91	
24/ 23	.4	1.8	.7															24	24	34	49	
22/ 21	.4	2.2																21	21	28	49	
20/ 19	1.6	1.2																23	23	28	32	
18/ 17	.1	.6																6	6	10	34	
16/ 15	.2	.4																5	5	6	18	
14/ 13	.4	.5																7	7	6	16	
12/ 11																				3	11	
10/ 9		.4																3	3		7	
8/ 7																				3	1	
4/ 3																					4	
2/ 1																					1	
TOTAL	16.3	65.1	17.0	1.6	.1													836		836	836	
																	836		836			

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.	5943927	70023	83.8	9.716	836							
Dry Bulb	933576	27366	32.7	6.725	836		85.7					93
Wet Bulb	848012	26076	31.2	6.443	836		55.9					93
Dew Point	711610	23598	28.2	7.382	836		66.0					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
52/ 51			.1															1	1		
50/ 49	.1		.3															3	3	1	1
48/ 47	.1	.4		.1														5	5	4	1
46/ 45	.4	.1	.6	.3														11	11	7	6
44/ 43		1.9	.9	.3														24	24	1	5
42/ 41	.4	3.6	2.1	.1														48	48	34	5
40/ 39	.9	3.0	1.2															39	39	45	31
38/ 37	2.2	5.3	.8	.1														65	65	60	41
36/ 35	1.4	5.8	1.8	.1														71	71	60	59
34/ 33	3.5	6.5	1.9															93	93	85	72
32/ 31	3.2	11.3	2.6															133	133	106	92
30/ 29	2.7	7.6	.5															84	86	115	80
28/ 27	1.2	5.6	.8															59	59	78	68
26/ 25	1.4	4.5	.9															53	53	61	82
24/ 23	.9	1.9	.1															23	23	40	57
22/ 21	.9	1.7																20	20	32	47
20/ 19	1.8	1.3																24	24	20	47
18/ 17	.1	.6																6	6	10	36
16/ 15	.8	.3																8	8	11	14
14/ 13	.1	.1																2	2	1	15
12/ 11	.1	.4																4	4	3	8
10/ 9																				2	5
8/ 7		.3																2	2	1	1
6/ 5																				1	1
4/ 3		.1																1	1	1	3
2/ 1																					1
-4/ -5																					1
TOTAL	22.2	62.3	14.5	1.0															781		779
																		779		779	

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.	5689999	66161	84.9	9.586	779							
Dry Bulb	838257	25025	32.0	6.831	781		50.1					93
Wet Bulb	766488	23894	30.7	6.521	779		57.5					93
Dew Point	650665	21743	27.9	7.502	779	.1	66.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-76-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
50/ 49			.2															1	1		
48/ 47	.5	.2	.2	.4														7	7	3	3
46/ 45	.5	.2	.5															7	7	7	3
44/ 43	.4	1.6	.7															15	15	5	6
42/ 41	.5	2.6	.2															18	18	20	7
40/ 39	.9	2.7	1.1															26	26	23	17
38/ 37	2.4	4.9	.4															42	42	32	28
36/ 35	4.2	6.2	.7															61	62	54	37
34/ 33	2.6	6.8	1.3															58	59	52	55
32/ 31	4.2	14.1	2.0															111	111	77	65
30/ 29	2.4	5.7	1.5															52	52	79	50
28/ 27	2.6	5.9	.5															49	49	57	47
26/ 25	2.0	6.2	.4															47	47	60	62
24/ 23	1.1	1.6																15	15	37	29
22/ 21	1.5	1.5																16	16	17	45
20/ 19	1.1	1.1	.2															13	13	12	49
18/ 17	.2	1.3																8	8	4	19
16/ 15																				7	12
14/ 13																					5
12/ 11																					4
10/ 9																					2
8/ 7																					1
TOTAL	27.1	62.6	9.9	.4														548			546
																		546		546	

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.	4089802	46994	86.1	9.092	546							
Dry Bulb	580194	17518	32.0	6.076	548		52.8					93
Wet Bulb	535876	16790	30.8	5.992	546		59.6					93
Dew Point	460611	15381	28.2	7.081	546		66.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
48/ 47	.1	.3																3	3	1	1
46/ 45	.1	.3	.3	.3														7	7	4	1
44/ 43		2.1	.9															20	20	6	4
42/ 41	.1	2.8	.6															24	24	15	8
40/ 39	1.6	2.1	1.3	.1														35	35	38	28
38/ 37	2.7	5.4	.4															57	57	43	27
36/ 35	2.5	6.6	.1															62	62	71	44
34/ 33	2.5	8.2	1.2															80	80	68	68
32/ 31	2.7	14.9	1.5															128	128	78	83
30/ 29	2.2	5.8	1.2															62	63	99	57
28/ 27	1.8	7.3	.7															66	66	75	68
26/ 25	1.5	5.5	.1															48	48	66	62
24/ 23	.6	1.8																16	16	39	45
22/ 21	1.2	2.5																25	25	19	56
20/ 19	.9	1.0																13	13	20	51
18/ 17	1.0	1.0		.1														15	15	15	17
16/ 15		.3																2	2	5	25
14/ 13	.3	.3																4	4	2	10
12/ 11			.1															1	1	3	3
10/ 9																				1	5
8/ 7		.1																1	1	1	1
6/ 5																					1
4/ 3		.1																1	1	1	1
0/ -1																					1
-4/ -5																					2
-14/-15																					1
TOTAL	22.1	68.7	8.7	.6															671		670
																		670		670	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4956806	57300	85.5	9.180	670							
Dry Bulb	693890	21148	31.5	6.391	671		53.1					93
Wet Bulb	680876	20288	30.3	6.298	670		58.9					93
Dew Point	547783	18875	27.6	7.567	670	.6	67.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (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
56/ 55					.0													1	1		
52/ 51			.0	.0														4	4		
50/ 49	.0	.1	.1															10	10	1	1
48/ 47	.1	.3	.0	.1														31	31	22	10
46/ 45	.2	.3	.4	.2														63	63	32	25
44/ 43	.2	1.5	1.1	.2														188	188	46	34
42/ 41	.3	2.5	1.3	.0														258	258	180	66
40/ 39	1.2	3.0	1.0	.1	.0													321	321	309	215
38/ 37	1.8	5.6	.8	.0														511	511	423	255
36/ 35	2.6	6.2	1.2	.1														620	621	592	472
34/ 33	2.6	7.5	1.5	.1														725	726	645	555
32/ 31	3.7	13.0	2.0	.1														1161	1161	853	795
30/ 29	2.9	6.4	.8															625	628	951	642
28/ 27	1.5	6.1	.5															500	500	613	645
26/ 25	1.3	4.5	.5															386	386	497	577
24/ 23	.8	1.9	.2															178	178	321	379
22/ 21	.9	2.6	.0															220	220	221	421
20/ 19	1.2	1.9	.0															199	199	213	352
18/ 17	.3	.6		.0														57	57	105	249
16/ 15	.2	.1	.0															20	20	46	182
14/ 13	.3	.4	.0															43	43	25	109
12/ 11	.1	.2	.0															15	15	31	73
10/ 9		.3																17	17	12	36
8/ 7	.0	.1																9	9	16	9
6/ 5		.1																5	5	8	16
4/ 3		.0																2	2	3	19
2/ 1																					7
0/ -1																					10
-2/ -3																					5
-4/ -5																					5
-14/-15																					1
TOTAL	22.3	55.2	11.5	.9	.0														6170		6165
																		6165		6165	

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.	95390889	525941	85.2	9.512	6165							
Dry Bulb	6467938	195586	31.7	6.591	6170		818.8					744
Wet Bulb	5946956	187390	30.4	6.915	6165		872.5					744
Dew Point	5068298	170532	27.7	7.508	6165	2.5	586.9					744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39		.5																4	4	2		
38/ 37	1.0	2.7	.8															33	33	17		2
36/ 35	1.6	4.7	.7	.1														58	58	37		26
34/ 33	.9	2.5	.5	.1														32	32	46		30
32/ 31	4.0	4.3	.9															74	74	56		63
30/ 29	3.0	3.3	.6															56	56	73		47
28/ 27	2.3	2.2	.5															41	41	44		49
26/ 25	2.2	7.8	.1															78	78	51		42
24/ 23	.2	5.7	.1															49	49	80		26
22/ 21	2.2	3.5																46	46	63		29
20/ 19	4.6	5.9																85	85	52		97
18/ 17	2.1	3.3	.1															45	45	65		76
16/ 15	1.8	4.7																49	49	41		54
14/ 13	1.1	2.2																22	22	38		39
12/ 11	1.9	1.2																25	25	28		29
10/ 9	2.0	1.4	.1															28	28	28		46
8/ 7	1.0	2.3																27	27	29		33
6/ 5	.2	1.7																16	16	17		17
4/ 3	.1	1.5																13	13	16		18
2/ 1	.1	.5																5	5	8		16
0/ -1	.2																	2	2	2		16
-2/ -3	.9	.1																8	8	8		12
-4/ -5	.2	.2																4	4	4		12
-6/ -7	.1	.2																3	3	1		5
-8/ -9																				2		5
-10/-11																						4
-12/-13																						3
-14/-15																						2
-16/-17																						1
-20/-21																						2
-22/-23																						1
TOTAL	33.8	82.3	8.1	.2															809		809	809

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5695496	672888	83.2	11.073	808							
Dry Bulb	485858	102118	22.5	9.685	808	1.0	28.0					90
Wet Bulb	450575	174465	21.4	8.500	808	1.0	28.7					90
Dew Point	365872	144618	18.1	11.228	808	7.2	83.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL 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					
40/ 39		.5																	4	4	3	
38/ 37	.6	2.7	.2																29	29	13	5
36/ 35	2.5	2.7	1.2																52	52	44	27
34/ 33	.7	2.5	.5																30	30	33	28
32/ 31	2.3	6.3	.1																71	71	48	55
30/ 29	2.8	4.4	.1																60	60	77	88
28/ 27	1.9	4.0	.1																48	48	47	40
26/ 25	2.3	6.5	.5																76	76	63	58
24/ 23	.6	3.7	.7																41	41	64	26
22/ 21	3.1	3.6	.4																57	57	68	86
20/ 19	5.1	6.7	.5																99	99	74	92
18/ 17	1.7	2.6	.4																38	38	57	66
16/ 15	1.4	3.5																	39	39	40	55
14/ 13	1.6	2.6																	34	34	36	41
12/ 11	1.5	1.4																	23	23	29	40
10/ 9	1.1	.9																	16	16	20	33
8/ 7	2.0	2.6																	37	37	32	23
6/ 5	.5	.9																	11	11	20	28
4/ 3	1.0	1.4																	19	19	15	21
2/ 1	.6	.5																	9	9	14	26
0/ -1	.6																		5	5	5	21
-2/ -3	.4	.2																	5	5	5	12
-4/ -5	.5																		4	4	4	8
-6/ -7	.4																		3	3	3	8
-8/ -9																						6
-10/-11																						1
-12/-13																						4
-14/-15																						3
-16/-17																						1
TOTAL	35.2	60.0	4.8																	810		810
																			810		810	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5779708	67890	83.8	10.519	810							
Dry Bulb	475452	18000	22.2	9.657	810	1.9	77.2					90
Wet Bulb	490787	17267	21.3	9.480	810	1.9	79.7					90
Dew Point	357213	14553	18.0	10.879	810	6.7	83.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (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
40/ 39	.2	.4																5	5	5	2
38/ 37	.4	2.3	.4															25	25	9	3
36/ 35	2.1	4.3	.5	.1														54	54	41	22
34/ 33	1.0	3.2	.5	.4														41	41	42	29
32/ 31	2.6	4.7	.5															63	63	52	62
30/ 29	3.3	3.2	.6															58	58	67	42
28/ 27	2.1	3.0	.1															42	42	46	48
26/ 25	2.3	6.8	.2															76	76	64	37
24/ 23	2.1	3.3	.5															48	48	68	35
22/ 21	3.5	4.8	.4															70	70	71	70
20/ 19	4.1	4.7	.5															75	75	62	71
18/ 17	1.6	4.8	.2															54	54	57	61
16/ 15	1.9	2.5																35	35	51	55
14/ 13	1.1	2.2																27	27	22	42
12/ 11	1.6	1.5																25	25	32	51
10/ 9	1.5	1.6																25	25	24	22
8/ 7	1.6	2.1																30	30	29	24
6/ 5	1.2	.9																17	17	28	24
4/ 3	.5	.7																10	10	8	21
2/ 1	.9	.6																12	12	13	39
0/ -1	.7																	6	6	7	15
-2/ -3	.4																	3	3	3	9
-4/ -5	.6																	5	5	5	7
-6/ -7	.5																	4	4	4	6
-8/ -9																					4
-10/-11																					1
-12/-13																					3
-14/-15																					5
TOTAL	37.8	57.3	4.4	.5														810	810	810	810

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5806575	68043	84.0	10.589	810							
Dry Bulb	876686	18016	22.2	9.696	810	2.0	78.1					80
Wet Bulb	882613	17303	21.4	9.498	810	2.1	79.2					80
Dew Point	358801	14603	18.0	10.888	810	5.6	83.8					80

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45		.1																1	1		
44/ 43		.1																1	1	1	1
42/ 41																				1	
40/ 39	.2	.2																4	4	2	3
38/ 37	.5	3.6	.4															36	36	10	1
36/ 35	1.5	2.3	.2															33	33	44	21
34/ 33	1.2	4.2	.9	.1														52	52	39	32
32/ 31	3.5	3.2	1.4															65	65	53	71
30/ 29	2.8	3.6	.5															56	56	67	31
28/ 27	1.5	4.8	.2															53	53	55	39
26/ 25	2.3	5.9	.4	.1														71	71	59	49
24/ 23	2.1	4.7	.6															60	60	78	48
22/ 21	3.8	3.8	.5															66	66	65	60
20/ 19	2.8	5.6	.6															73	73	62	72
18/ 17	1.7	3.8	.4															48	48	50	54
16/ 15	1.7	2.6																35	35	54	51
14/ 13	1.2	2.1																27	27	30	55
12/ 11	1.2	2.0																26	26	22	35
10/ 9	1.1	1.2																19	19	30	21
8/ 7	1.0	2.6																29	29	18	32
6/ 5	1.5	.7																18	18	32	23
4/ 3	.7	.4																9	9	9	27
2/ 1	.7	1.0																14	14	11	32
0/ -1	.6	.2																7	7	9	16
-2/ -3																				2	13
-4/ -5	.7																	6	6	6	5
-6/ -7	.1																	1	1	1	2
-8/ -9																					6
-10/-11																					2
-12/-13																					7
-14/-15																					3
TOTAL	34.8	58.9	6.0	.2															810		810
																		810		810	

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.	5672366	67188	82.9	11.076	810							
Dry Bulb	488350	18312	22.6	9.587	810	1.6	75.9					90
Wet Bulb	450823	17527	21.6	9.908	810	2.0	79.2					90
Dew Point	361696	14640	18.1	10.955	810	5.8	83.6					90

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 1200-1400 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1															1	1		
40/ 39		.4	.5															7	7	1	
38/ 37	.1	3.3	.9	.4														38	38	10	2
36/ 35	3.3	2.1	.2															46	46	62	36
34/ 33	1.4	3.2	.7															43	43	33	35
32/ 31	3.5	5.3	1.6															84	84	63	59
30/ 29	2.0	3.6	.9															52	52	67	36
28/ 27	2.2	4.9	.9															65	65	57	50
26/ 25	2.1	6.2	1.0															75	75	73	49
24/ 23	1.2	3.5	.5	.1														81	81	63	43
22/ 21	3.5	3.7	.4															61	61	69	54
20/ 19	2.8	4.4																59	59	52	81
18/ 17	1.7	4.4	.4															53	53	49	47
16/ 15	1.5	2.6																33	33	88	58
14/ 13	1.0	2.2																26	26	22	43
12/ 11	1.2	1.9																25	25	28	30
10/ 9	1.4	1.1																20	20	28	26
8/ 7	1.2	1.9																25	25	20	35
6/ 5	1.6	.7																19	19	24	28
4/ 3	1.9	.9																22	22	25	21
2/ 1		.4																3	3	4	32
0/ -1	.4	.1																4	4	3	13
-2/ -3	.2																	2	2	3	11
-4/ -5	.4	.1																4	4	3	4
-6/ -7	.2																	2	2	3	2
-8/ -9																					2
-10/-11																					4
-12/-13																					1
-14/-15																					2
-16/-17																					1
TOTAL	34.6	56.9	8.0	.5															810		810
																		810		810	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5660874	67109	82.8	11.211	810							
Dry Bulb	509756	18770	23.2	9.618	810	1.3	75.0					90
Wet Bulb	969113	17989	22.2	9.393	810	1.3	78.2					90
Dew Point	378855	15055	18.6	10.838	810	5.0	81.9					90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.9	.4															10	10		
38/ 37	1.3	1.8	.5	.1														29	29	20	9
36/ 35	2.8	3.2	.3															49	49	46	27
34/ 33	1.3	3.5	1.0															45	45	36	37
32/ 31	3.6	6.8	.9															88	88	68	61
30/ 29	2.2	2.5	1.0	.1														45	45	69	52
28/ 27	2.1	3.4	.4	.1														46	46	39	39
26/ 25	1.4	4.5	.5															50	50	45	38
24/ 23	1.4	5.3	1.2	.1														62	62	66	32
22/ 21	2.7	3.9	.6															56	56	74	31
20/ 19	4.4	3.7	.5															67	67	65	74
18/ 17	1.4	4.4	.1															46	46	42	69
16/ 15	.8	2.3																24	24	34	50
14/ 13	1.0	3.1																32	32	26	39
12/ 11	1.5	2.2																29	29	36	32
10/ 9	1.0	1.3																18	18	22	25
8/ 7	1.3	1.2																19	19	22	33
6/ 5	1.3	1.5																22	22	24	24
4/ 3	1.4	1.0																19	19	20	21
2/ 1	.4	.5																7	7	7	24
0/ -1	.4																	3	3	5	22
-2/ -3	.1																	1	1	1	11
-4/ -5	.6																	5	5	5	8
-6/ -7	.4																	3	3	3	2
-8/ -9																					6
-10/-11																					6
-16/-17																					1
-18/-19																					2
TOTAL	35.0	57.0	7.5	.5															775		775
																		775		775	

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.	5455447	64421	83.1	11.396	775							
Dry Bulb	481008	17756	22.9	9.791	775	1.4	78.6					90
Wet Bulb	445106	17008	21.9	9.635	775	1.6	78.2					90
Dew Point	359945	14265	18.4	11.217	775	6.7	81.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-78,77-81 (YEARS) NOV (MONTH)

 1800-2000 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43		.2																1	1		
42/ 41																				1	1
40/ 39		.6	.2															4	4		
38/ 37	1.9	2.7	.4															26	26	15	9
36/ 35	1.9	6.6																44	44	36	19
34/ 33	2.3	4.1	1.0															38	38	47	36
32/ 31	6.2	5.0	.8															62	62	47	66
30/ 29	1.2	2.7	.4															22	22	34	28
28/ 27	1.2	3.5	.6															27	27	27	13
26/ 25	2.3	5.0	1.0															43	43	30	27
24/ 23	1.5	2.5	.4															23	23	39	15
22/ 21	3.3	6.2	.2															50	50	53	27
20/ 19	4.6	7.2	.8															65	65	53	50
18/ 17	1.5	2.7	.2															23	23	36	44
16/ 15	.4	2.5	.8															19	19	20	47
14/ 13	.4	1.5																10	10	9	22
12/ 11	1.0	2.9																20	20	15	19
10/ 9		1.7																9	9	18	16
8/ 7		2.7																14	14	14	10
6/ 5		1.4																7	7	13	9
4/ 3	.2	1.0																6	6	4	11
2/ 1		.8																4	4	6	20
0/ -1																					15
-2/ -3																					5
-6/ -7																					2
-8/ -9																					5
-10/-11																					1
TOTAL	30.0	63.4	6.6																517		517
																		517		517	

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.	3665262	43110	83.4	11.692	517							
Dry Bulb	350811	12673	28.5	8.822	517		70.3					90
Wet Bulb	326469	12159	23.5	8.860	517		72.8					90
Dew Point	268853	10377	20.1	10.838	517	8.9	78.7					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
40/ 39		.6	.5															7	7		
38/ 37	.9	3.1	.5															29	29	13	3
36/ 35	2.0	4.7																43	43	47	23
34/ 33	2.0	4.4	.5	.2														45	45	45	38
32/ 31	3.7	5.4	.5															62	62	50	65
30/ 29	2.6	2.8	1.1															42	42	49	35
28/ 27	2.0	3.6	.2															37	37	38	36
26/ 25	1.4	5.1	.6															46	46	39	33
24/ 23	1.1	4.5	.6	.2														41	41	57	16
22/ 21	2.3	4.2																42	42	46	28
20/ 19	4.7	5.6	.5															69	69	50	66
18/ 17	1.6	4.8																41	41	49	49
16/ 15	1.4	3.6	.2															33	33	42	43
14/ 13	.6	2.3																19	19	18	38
12/ 11	1.6	2.0																23	23	23	30
10/ 9	.6	1.9																16	16	21	35
8/ 7	.9	2.3																21	21	18	19
6/ 5	.2	.8																6	6	14	11
4/ 3	.5	.6																7	7	9	20
2/ 1		1.4																9	9	8	13
0/ -1																				2	10
-2/ -3	.3																	2	2	2	10
-4/ -5	.3																	2	2	2	9
-6/ -7	.2																	1	1	1	2
-8/ -9																					5
-10/-11																					1
-12/-13																					1
-14/-15																					1
-16/-17																					3
TOTAL	30.9	63.8	5.0	.3															643		643
																		643		643	

Element (X)	Σx^2	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4484183	53213	82.8	11.192	643							
Dry Bulb	410930	15114	23.5	9.312	643	.7	72.6					90
Wet Bulb	381528	14494	22.5	9.280	643	1.0	75.3					90
Dew Point	308669	12161	18.9	11.070	643	5.9	81.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45		.0																1	1	
44/ 43		.0																2	2	1	1
42/ 41			.0															1	1	2	1
40/ 39	.1	.5	.2															45	45	13	5
38/ 37	.8	2.8	.5	.1														245	245	107	39
36/ 35	2.2	3.6	.4	.0														379	379	357	201
34/ 33	1.3	3.4	.7	.1														326	326	321	261
32/ 31	3.5	5.1	.8															569	569	437	502
30/ 29	2.6	3.3	.7	.0														391	391	503	319
28/ 27	1.9	3.7	.4	.0														359	359	353	314
26/ 25	2.1	6.0	.5	.0														516	516	424	333
24/ 23	1.3	4.2	.6	.1														365	365	515	241
22/ 21	3.1	4.1	.3															448	448	505	345
20/ 19	4.1	5.4	.4															592	592	470	603
18/ 17	1.7	3.9	.2															348	348	405	466
16/ 15	1.3	3.0	.1															267	267	330	413
14/ 13	1.1	2.3																202	202	201	319
12/ 11	1.5	1.8																196	196	213	266
10/ 9	1.2	1.4	.0															151	151	192	224
8/ 7	1.2	2.2																202	202	182	209
6/ 5	.9	1.1																116	116	172	160
4/ 3	.8	.9																105	105	106	160
2/ 1	.4	.7																63	63	71	202
0/ -1	.4	.1																27	27	33	128
-2/ -3	.3	.1																21	21	24	83
-4/ -5	.5	.1																30	30	29	53
-6/ -7	.3	.0																17	17	16	25
-8/ -9																				2	42
-10/-11																					22
-12/-13																					19
-14/-15																					16
-16/-17																					7
-18/-19																					2
-20/-21																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) NOV (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. Dry Bulb	TOTAL Wet Bulb Dew Point
-22/-23																			1
TOTAL	34.2	59.7	5.8	.3														5984	5984
																		5984	5984

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	42220111	498257	83.3	11.067	5984							
Dry Bulb	3678851	136853	22.9	9.580	5984	11.4	599.8					720
Wet Bulb	3407014	131172	21.9	9.427	5984	12.5	623.6					720
Dew Point	2755504	110268	18.4	10.997	5984	48.1	658.9					720

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	Wet Bulb	Dew Point
36/ 35	.4	.2																5	5	3	2
34/ 33	1.7	1.1	.4															26	26	21	14
32/ 31	3.6	3.0																53	54	36	38
30/ 29	2.1	1.6	.1															31	31	43	26
28/ 27	1.6	.9																20	20	28	22
26/ 25	.7	2.6																27	27	15	25
24/ 23	1.2	2.4	.1															30	30	37	15
22/ 21	1.7	3.1	.5															42	42	34	22
20/ 19	3.0	5.7	.2	.1														73	73	58	31
18/ 17	1.1	2.6	.2	.1														33	33	54	37
16/ 15	1.4	4.1	.1															45	45	35	44
14/ 13	2.3	3.6																45	45	42	39
12/ 11	1.2	2.1	.4															30	30	37	52
10/ 9	1.2	2.1	.4															30	30	29	6
8/ 7	1.6	2.1																30	30	36	2
6/ 5	1.2	3.6																39	39	54	19
4/ 3	3.7	3.0																54	54	55	19
2/ 1	2.4	3.5																47	47	48	33
0/ -1	2.6	.2																23	23	33	46
-2/ -3	2.2	.4																21	21	20	31
-4/ -5	3.0	1.1																33	33	29	25
-6/ -7	3.2	.1																27	27	32	39
-8/ -9	.9																	7	7	8	35
-10/-11	1.5																	12	12	12	24
-12/-13	1.2																	10	10	10	16
-14/-15	.4																	3	3	3	21
-16/-17	.5																	4	4	4	11
-18/-19	.4																	3	3	3	17
-20/-21																					10
-22/-23																					6
-24/-25																					7
-26/-27																					2
-28/-29																					4
-30/-31																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F.) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-34/-35																					1
TOTAL	48.1	49.2	2.5	.2															804		803
																		803		803	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5058454	62650	78.0	19.581	803							
Dry Bulb	2603336	10300	12.8	12.649	804	16.5	89.4					93
Wet Bulb	242669	9724	12.1	12.485	803	17.8	90.2					93
Dew Point	225507	5617	7.0	15.239	803	38.4	91.1					93

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35	.4	.6																8	8	6	2
34/ 33	1.0	1.0	.2															18	18	14	11
32/ 31	3.2	3.7																56	56	37	30
30/ 29	2.6	1.7	.1															36	36	50	28
28/ 27	1.2	.9	.2															19	19	23	34
26/ 25	2.0	2.2	.4															37	37	27	23
24/ 23	1.1	2.2	.1															28	28	27	23
22/ 21	1.7	2.5	.1															35	35	40	23
20/ 19	2.1	5.3	.4															63	63	53	25
18/ 17	.6	3.6	.2	.1														37	37	36	33
16/ 15	1.9	3.3	.1															43	43	51	45
14/ 13	2.5	3.5	.4															51	51	42	38
12/ 11	2.2	2.1	.1															36	36	42	41
10/ 9	.9	2.0	.2															25	25	30	42
8/ 7	1.6	3.5	.2															43	43	36	34
6/ 5	1.2	2.6																31	31	39	21
4/ 3	3.5	2.6																49	49	58	25
2/ 1	2.7	3.7																52	52	42	42
0/ -1	3.5	.2																30	30	42	39
-2/ -3	1.6	.2																15	15	16	28
-4/ -5	2.3	1.7																33	33	23	39
-6/ -7	2.5	.1																21	21	31	29
-8/ -9	1.5																	12	12	13	25
-10/-11	.9																	7	7	7	22
-12/-13	1.2																	10	10	10	24
-14/-15	1.1																	9	9	9	24
-16/-17	.4																	3	3	3	7
-18/-19	.1																	1	1	1	20
-20/-21																					6
-22/-23	.2																	2	2	4	8
-24/-25																					7
-26/-27																					7
-28/-29																					1
-30/-31																					5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 83 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (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
-36/-37																					1
-38/-39																					2
TOTAL	47.7	49.3	3.0	.1														810	810	810	
																		810		810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5080454	62966	77.7	15.152	810							
Dry Bulb	262596	10342	12.8	2.703	810	16.4	90.0					93
Wet Bulb	244823	9769	12.1	2.530	810	18.0	90.7					93
Dew Point	230338	5554	6.9	5.816	810	33.3	91.5					93

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | DEC 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	Dew Point
36/ 35	.4	.9																10	10	3	
34/ 33	.7	1.5																18	18	15	12
32/ 31	3.1	3.0		.1														50	50	39	32
30/ 29	3.1	2.1	.2															44	44	51	24
28/ 27	1.5	1.8																27	29	27	43
26/ 25	1.4	3.1	.2															38	38	33	18
24/ 23	1.6	1.5																25	25	34	22
22/ 21	1.0	2.2																26	26	28	38
20/ 19	2.3	3.8	.2															52	52	43	25
18/ 17	1.7	3.1	.2															41	41	35	26
16/ 15	2.1	3.7	.2															49	49	52	43
14/ 13	2.0	3.7	.4															49	49	39	35
12/ 11	2.0	2.7	.5															42	42	45	36
10/ 9	1.6	3.1	.4															41	41	46	40
8/ 7	1.0	2.5																28	28	33	31
6/ 5	2.2	2.1																35	35	46	30
4/ 3	2.6	2.0																37	37	36	24
2/ 1	3.0	3.0																48	48	46	52
0/ -1	4.6	1.4																48	48	46	37
-2/ -3	1.1	1.2																19	19	25	36
-4/ -5	2.2	1.1																27	27	25	35
-6/ -7	2.3																	19	19	26	18
-8/ -9	1.0																	8	8	8	24
-10/-11	1.5																	12	12	12	26
-12/-13	1.0																	8	8	8	22
-14/-15	1.0																	8	8	8	28
-16/-17	.1																	1	1	1	16
-18/-19	.4																	3	3	3	13
-20/-21																					6
-22/-23																					6
-24/-25																					1
-28/-29																					5
-32/-33																					2
-34/-35																					5

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-36/-37																						2
TOTAL	48	29	2	5	1													813	813	815	813	813

Element (X)	$\Sigma_{R'}$	Σ_R	$\bar{X}$	σ_R	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5129408	63416	78.0	15.009	813							
Dry Bulb	264809	10549	12.9	2.553	815	17.5	89.8					93
Wet Bulb	245956	9938	12.2	2.381	813	18.5	90.9					93
Dew Point	229718	5788	7.1	5.262	813	32.3	91.6					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37		.1																1	1			
36/ 35	.2	.7																8	8	4		1
34/ 33	1.5	1.1	.2															23	23	21		10
32/ 31	2.7	3.2		.1														49	49	31		38
30/ 29	3.7	2.7		.1														53	53	62		25
28/ 27	.9	2.2	.1	.1														27	27	27		43
26/ 25	2.2	2.8	.2															43	43	39		26
24/ 23	.5	1.3																15	15	29		30
22/ 21	1.7	1.5	.1															27	27	30		29
20/ 19	2.6	3.8	.4															55	55	29		29
18/ 17	1.2	3.8	.2															43	43	51		27
16/ 15	.9	3.7	.1															38	38	37		20
14/ 13	2.2	3.3	.5															49	49	42		42
12/ 11	1.2	3.7	.1															41	41	40		41
10/ 9	1.1	3.9	.1															42	42	52		31
8/ 7	1.7	1.5	.1															27	27	39		29
6/ 5	2.8	2.1																40	40	43		32
4/ 3	2.8	1.8																38	38	39		34
2/ 1	2.3	2.8																42	42	33		53
0/ -1	4.6	.7																44	44	51		34
-2/ -3	1.5	.9																19	19	23		30
-4/ -5	1.8	.9																22	22	20		40
-6/ -7	3.5																	29	29	33		21
-8/ -9	1.8																	15	15	15		30
-10/-11	.9																	7	7	7		26
-12/-13	1.2																	10	10	10		26
-14/-15	.5																	4	4	4		23
-16/-17	.5																	4	4	4		12
-18/-19	.4																	3	3	3		12
-20/-21																						5
-22/-23																						5
-24/-25																						2
-26/-27																						2
-28/-29																						3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31																				2
-32/-33																				4
-36/-37																				1
-42/-43																				2
-58/-59																				1
TOTAL	48.9	48.4	2.3	.4														818		818
																	818		818	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel Hum.	5149727	63789	78.0	14.650	818							
Dry Bulb	273276	10658	13.0	12.826	818	17.8	89.4					93
Wet Bulb	254813	10097	12.3	12.623	818	19.3	90.2					93
Dew Point	238751	5883	7.2	15.506	818	31.9	91.7					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
38/ 37		.1																1		1		
36/ 35	.3	.5																6		6	4	
34/ 33	1.4	1.3																21		21	17	13
32/ 31	2.5	4.0																52		52	31	32
30/ 29	2.4	2.8	.3															43		43	54	25
28/ 27	2.6	2.4	.3	.3														44		44	45	29
26/ 25	1.6	2.3	.1															32		32	30	54
24/ 23	1.1	2.4																28		28	33	17
22/ 21	.8	1.3	.3															18		18	27	20
20/ 19	1.8	3.3	.9															47		47	25	31
18/ 17	2.0	1.9	.4	.1														35		35	38	24
16/ 15	2.5	4.7																57		57	55	32
14/ 13	.9	2.0	.4															26		26	35	32
12/ 11	1.6	3.7	.6															47		47	32	29
10/ 9	1.3	2.5	.1															31		31	44	40
8/ 7	2.3	4.7																55		55	47	31
6/ 5	1.9	1.8																29		29	48	29
4/ 3	2.8	2.0																38		38	41	31
2/ 1	1.6	2.6																34		34	28	46
0/ -1	3.7	.9																36		36	39	33
-2/ -3	1.8	1.0																22		22	25	33
-4/ -5	2.3	1.3																26		26	24	40
-6/ -7	4.4	.3																37		37	43	28
-8/ -9	1.0																	8		8	8	37
-10/-11	.9																	7		7	7	23
-12/-13	.6																	5		5	5	12
-14/-15	.5																	4		4	4	17
-16/-17																						13
-18/-19	.4																	3		3	3	12
-20/-21	.3																	2		2	2	10
-22/-23																						6
-24/-25																						3
-26/-27																						2
-28/-29																						1

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
-30/-31																					3
-32/-33																					1
-34/-35																					2
-48/-49																					1
TOTAL	47.1	49.2	3.3	.4															794		794
																	794			794	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4967394	61680	77.7	14.895	794							
Dry Bulb	266007	10459	13.2	12.716	794	17.6	89.7					93
Wet Bulb	247543	9887	12.5	12.526	794	18.7	90.5					93
Dew Point	228140	5742	7.2	15.340	794	32.7	91.5					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 ~~1500-1700~~ LOCAL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.8																5	5		
34/ 33	1.5	.5																13	13	18	6
32/ 31	3.2	4.1																48	48	26	33
30/ 29	2.5	3.2																37	37	44	25
28/ 27	1.5	2.5																26	26	31	27
26/ 25	2.2	3.2	.2															36	36	26	25
24/ 23	.6	1.8	.5															19	19	28	21
22/ 21	.8	2.0	.6															22	22	21	18
20/ 19	2.6	4.1	.6															47	47	35	22
18/ 17	1.2	3.8	.5															36	36	40	25
16/ 15	1.1	2.9	.5															29	29	34	31
14/ 13	.8	2.8	.9															29	29	23	29
12/ 11	1.8	1.7	.6															27	27	31	20
10/ 9	.9	4.6	.3															38	38	24	34
8/ 7	1.5	3.5	.2															34	34	53	24
6/ 5	2.0	2.6																30	30	35	20
4/ 3	2.8	3.2																39	39	36	19
2/ 1	1.2	2.9																27	27	28	39
0/ -1	4.3	.5																29	29	35	36
-2/ -3	2.5	1.2																24	24	23	26
-4/ -5	1.5	.5																13	13	15	32
-6/ -7	4.1																	27	27	29	33
-8/ -9	1.4																	9	9	9	30
-10/-11	.9																	6	6	6	18
-12/-13	.2																	1	1	1	6
-14/-15																					15
-16/-17																					13
-18/-19																					14
-20/-21																					5
-22/-23																					3
-28/-29																					1
-32/-33																					2
-34/-35																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 1500-1700 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	42.9	52.4	4.8															651	651
																		651	651

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4354160	50454	77.5	14.877	651							
Dry Bulb	218573	8933	13.7	12.153	651	15.6	90.4					93
Wet Bulb	202566	8420	12.9	12.004	651	16.9	90.4					93
Dew Point	179749	5021	7.7	19.730	651	33.3	92.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-74,77-81 YEARS | DEC MONTH

 1800-2000 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.2																1	1	1	
34/ 33	2.5	.2																13	13	13	10
32/ 31	4.0	5.9	.2															48	48	22	21
30/ 29	2.5	2.8																25	25	37	19
28/ 27	1.7	1.1																13	13	24	26
26/ 25	2.5	3.8																30	30	20	21
24/ 23	1.1	1.1	.2															11	11	20	9
22/ 21	1.3	1.7	.4															16	16	17	20
20/ 19	2.8	3.6	.6															33	33	19	21
18/ 17	.4	5.3	.6															30	30	24	15
16/ 15	1.3	5.5	.4															34	34	38	15
14/ 13	1.3	2.3	.8															21	21	23	14
12/ 11	1.9	2.1	.6															22	22	23	31
10/ 9	.2	4.0																20	20	22	22
8/ 7	.4	4.9																25	25	22	24
6/ 5		3.2																15	15	32	4
4/ 3	.2	2.5																13	13	8	14
2/ 1	1.7	3.6																25	25	25	31
0/ -1	2.5	1.1																17	17	17	10
-2/ -3	2.8	.8																17	17	22	26
-4/ -5	2.3																	11	11	11	20
-6/ -7	3.2																	15	15	15	17
-8/ -9	2.1																	10	10	10	23
-10/-11	1.1																	5	5	5	20
-12/-13	.2																	1	1	1	5
-14/-15																					11
-16/-17																					8
-18/-19																					5
-20/-21																					3
-26/-27																					2
-28/-29																					1
-30/-31																					1
TOTAL	40.1	55.8	4.0															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.	2934880	36550	77.6	14.482	471							
Dry Bulb	169861	6839	14.5	12.252	471	15.0	90.2					93
Wet Bulb	158231	6459	13.7	12.174	471	16.0	90.2					93
Dew Point	140407	4037	8.6	15.004	471	30.4	91.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
36/ 35	.2	.3																3	3	1		
34/ 33	2.4	1.1																22	22	18		13
32/ 31	3.6	3.3	.2															45	45	30		32
30/ 29	2.1	1.7																24	24	39		17
28/ 27	1.3	2.2																22	22	20		24
26/ 25	2.9	3.5	.2															41	41	33		22
24/ 23	.8	1.1	.2															13	13	24		23
22/ 21	2.1	2.4	.8															33	33	31		22
20/ 19	2.4	5.5	.5															53	53	30		27
18/ 17	1.1	2.2	.5															24	24	45		24
16/ 15	2.5	5.7	.2															53	53	32		30
14/ 13	1.4	2.5	.2															26	26	43		29
12/ 11	2.2	2.1	.6															31	31	28		37
10/ 9	.3	3.2	.2															23	23	22		33
8/ 7	1.0	3.5																28	28	28		25
6/ 5	1.0	1.7																17	17	27		11
4/ 3	1.0	3.2																26	26	28		25
2/ 1	1.4	3.8																33	33	29		24
0/ -1	2.9	1.0																24	24	27		13
-2/ -3	2.7	.5																20	20	24		20
-4/ -5	2.1	1.0																19	19	16		37
-6/ -7	3.6																	23	23	28		25
-8/ -9	2.1																	13	13	13		28
-10/-11	.8																	5	5	5		23
-12/-13	.8																	5	5	5		8
-14/-15	.5																	3	3	3		20
-16/-17	.2																	1	1	1		8
-18/-19																						14
-20/-21	.2																	1	1	1		3
-22/-23																						4
-24/-25																						1
-26/-27																						2
-28/-29																						2
-30/-31																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0 26 3 OL A (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 7 2100-2300 (HRS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	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
-32/-33																				3
-34/-35																				1
TOTAL	45.2	51.5	3.3															631		631
																	631		631	

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.	3961348	49146	77.9	14.561	631							
Dry Bulb	218168	8672	13.7	12.535	631	16.8	83.3					93
Wet Bulb	204131	8215	13.0	12.420	631	18.1	90.2					93
Dew Point	187064	4986	7.9	15.310	631	31.4	91.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (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. Dry Bulb	TOTAL Wet Bulb	Dew Point
38/ 37		.0																2	2	
36/ 35	.2	.6																46	46	22	5
34/ 33	1.5	1.0	.1															154	154	137	89
32/ 31	3.2	3.7	.0	.0														401	402	252	256
30/ 29	2.6	2.3	.1	.0														293	293	380	189
28/ 27	1.5	1.7	.1	.1														198	200	225	245
26/ 25	1.9	2.9	.2															284	284	223	214
24/ 23	1.0	1.8	.1															169	169	232	160
22/ 21	1.4	2.1	.3															219	219	228	192
20/ 19	2.4	4.4	.5	.0														423	423	292	211
18/ 17	1.2	3.2	.3	.1														279	279	323	211
16/ 15	1.7	4.1	.2															348	348	334	260
14/ 13	1.7	3.0	.4															296	296	289	258
12/ 11	1.8	2.6	.4															276	276	278	287
10/ 9	1.0	3.1	.2															250	250	269	278
8/ 7	1.5	3.1	.1															270	270	296	230
6/ 5	1.6	2.4																236	236	306	166
4/ 3	2.6	2.5																294	294	301	191
2/ 1	2.1	3.2																308	308	279	320
0/ -1	3.6	.7																251	251	290	248
-2/ -3	1.9	.8																157	157	178	230
-4/ -5	2.2	1.0																184	184	163	268
-6/ -7	3.4	.1																198	198	237	210
-8/ -9	1.4																	82	82	84	232
-10/-11	1.1																	61	61	61	182
-12/-13	.9																	50	50	50	119
-14/-15	.5																	31	31	31	159
-16/-17	.2																	13	13	13	88
-18/-19	.2																	13	13	13	107
-20/-21	.1																	3	3	3	46
-22/-23	.0																	2	2	2	34
-24/-25																					21
-26/-27																					17
-28/-29																					20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) DEC (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. Dry Bulb	TOTAL Wet Bulb	Dew Point
-30/-31																				16
-32/-33																				12
-34/-35																				10
-36/-37																				4
-38/-39																				2
-42/-43																				2
-48/-49																				1
-58/-59																				1
TOTAL	46.5	50.3	3.1	.2													5794			5791
																	5791		5791	

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.	36335825	450651	77.8	14.790	5791							
Dry Bulb	19336.6	76752	13.2	12.581	5794	138.2	718.1					744
Wet Bulb	1800727	72505	12.5	12.419	5791	148.5	723.6					744
Dew Point	1659718	42588	7.4	15.250	5791	260.7	731.9					744

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77			.0		.0	.0												5	5	
76/ 75			.0	.0	.0	.0	.0											10	10	1
74/ 73				.0		.0		.0										5	5	1
72/ 71			.0	.0	.0	.0	.0	.0										33	33	1 1
70/ 69			.0	.0	.0	.0	.0	.0										44	44	7
68/ 67			.0	.0	.0	.0	.0	.0										77	77	8 1
66/ 65		.0	.0	.0	.1	.0	.0	.0										107	108	16 10
64/ 63		.0	.0	.1	.1	.0	.0	.0										169	169	37 14
62/ 61	.0	.0	.1	.1	.1	.1	.0	.0										265	265	57 25
60/ 59	.0	.1	.2	.2	.1	.1	.0											417	418	133 47
58/ 57	.0	.2	.4	.2	.1	.0	.0											672	672	283 112
56/ 55	.1	.5	.5	.3	.1	.0	.0	.0										1059	1059	533 233
54/ 53	.1	.9	.8	.3	.1	.0	.0	.0										1557	1558	1015 562
52/ 51	.2	1.3	.8	.2	.1	.0	.0											1866	1866	1538 1014
50/ 49	.4	2.2	1.0	.2	.1	.0	.0											2745	2745	2257 1698
48/ 47	.6	2.7	.9	.2	.1	.0												3152	3153	3157 2538
46/ 45	.9	2.9	.9	.3	.1	.0												3548	3548	3572 3119
44/ 43	.7	2.6	.9	.3	.0													3183	3183	3229 3137
42/ 41	.6	2.1	1.0	.2	.0													2704	2704	2945 3060
40/ 39	.7	1.7	.9	.1	.0	.0												2407	2408	2801 2779
38/ 37	.7	2.1	.7	.1	.0													2560	2560	2624 2389
36/ 35	.9	2.4	.8	.0	.0													2936	2937	2905 2577
34/ 33	1.3	3.0	.6	.0	.0													3410	3411	3456 2970
32/ 31	2.4	4.8	.6	.1	.0													5534	5536	4535 5016
30/ 29	2.0	2.5	.4	.0														3392	3395	4802 3739
28/ 27	1.4	2.5	.2	.0														2904	2907	3232 3552
26/ 25	1.1	2.5	.2	.0														2668	2669	2743 3116
24/ 23	.7	1.6	.2	.0														1711	1711	2505 1998
22/ 21	1.2	1.5	.2	.0														1969	1969	2079 2311
20/ 19	1.3	2.0	.2	.0														2475	2475	1973 2673
18/ 17	.6	1.3	.1	.0														1444	1445	1761 1909
16/ 15	.6	1.4	.1															1475	1475	1529 1724
14/ 13	.6	1.1	.1															1263	1263	1283 1424
12/ 11	.7	1.0	.1															1241	1241	1321 1372

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70212C (STATION) CAPE ROMANZOF AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
10/ 9	.7	1.0	.1															1252	1253	1371	1295
8/ 7	.6	1.1	.0															1195	1195	1277	1175
6/ 5	.7	.7	.0															1002	1004	1269	957
4/ 3	.9	.8																1187	1189	1181	1073
2/ 1	.8	.9																1123	1124	1067	1562
0/ -1	1.0	.2																832	840	983	1054
-2/ -3	.9	.2																796	800	848	948
-4/ -5	.9	.2																757	759	733	947
-6/ -7	1.0	.1																718	735	775	840
-8/ -9	.8																	563	573	590	877
-10/-11	.7																	479	479	479	743
-12/-13	.4																	271	271	271	535
-14/-15	.3																	200	202	200	635
-16/-17	.2																	141	143	141	458
-18/-19	.2																	120	120	120	415
-20/-21	.1																	35	38	35	262
-22/-23	.0																	30	32	30	204
-24/-25	.0																	32	33	32	193
-26/-27	.0																	6	6	6	123
-28/-29																					101
-30/-31																					81
-32/-33																					47
-34/-35																					29
-36/-37																					24
-38/-39																					10
-40/-41																					10
-42/-43																					5
-46/-47																					3
-48/-49																					9
-50/-51																					1
-52/-53																					4
-54/-55																					3
-58/-59																					2

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 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 YEARS | ALL MONTH

 ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	30.0	52.2	12.9	3.3	1.2	.4	.1	.0										69820			69746
																		69746		69746	

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.	483115058	5736772	82.3	12.702	69746							
Dry Bulb	83012742	2085764	29.9	17.220	69820	645.3	6048	22.3	2.6			8760
Wet Bulb	75359027	1984839	28.5	16.450	69746	674.3	8955	2.2	.1			8760
Dew Point	66800867	1791951	25.0	18.285	69746	1094.6	8628.3	.8	.1			8760

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702120 CAPE ROMANZOF AFS AK 73-81

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	16.6	10.1	14.5	21.4	34.7	40.5	47.9	49.7	43.4	31.3	22.5	12.8	28.8
00-02	S D	15.129	15.541	15.212	11.058	7.617	5.882	5.329	5.327	4.985	6.552	9.685	12.644	17.076
	TOTAL OBS	768	705	798	773	602	717	785	773	771	823	809	804	9328
	MEAN	16.2	10.4	14.0	21.0	34.2	40.6	47.6	49.3	43.1	31.0	22.2	12.8	28.6
03-05	S D	15.330	15.305	15.256	11.111	7.764	5.904	5.034	5.297	4.893	6.578	9.657	12.773	17.053
	TOTAL OBS	801	730	828	810	836	753	821	804	801	837	810	810	9641
	MEAN	16.2	10.3	13.9	21.3	35.5	41.7	48.8	50.1	43.5	31.1	22.2	12.9	29.0
06-08	S D	15.231	15.357	15.278	11.071	8.157	6.376	5.478	5.243	5.037	6.593	9.696	12.653	17.406
	TOTAL OBS	807	740	829	810	837	782	822	804	802	837	810	815	9695
	MEAN	16.3	10.7	15.1	22.8	37.3	43.3	50.3	51.8	44.8	32.0	22.6	13.3	30.1
09-11	S D	15.179	15.309	14.914	10.646	8.430	6.708	5.928	5.706	5.317	6.608	9.587	12.826	17.793
	TOTAL OBS	811	744	831	810	837	788	821	807	803	837	810	818	9717
	MEAN	16.7	11.8	16.2	24.2	38.3	44.3	51.5	52.7	45.8	32.7	23.2	13.2	30.9
12-14	S D	15.027	15.111	14.321	10.096	8.652	6.675	6.159	6.176	5.526	6.725	9.616	12.716	17.789
	TOTAL OBS	793	728	821	810	836	773	817	765	782	836	810	794	9565
	MEAN	17.9	12.3	16.4	24.2	38.3	43.9	51.3	52.3	45.6	32.0	22.9	13.7	30.6
15-17	S D	14.866	14.781	14.110	9.929	8.407	6.546	5.922	6.314	5.399	6.831	9.791	12.153	17.215
	TOTAL OBS	619	633	759	794	774	624	696	632	699	781	775	651	8437
	MEAN	21.2	13.1	17.4	23.5	37.7	43.3	49.9	51.1	44.3	32.3	24.5	14.5	31.5
18-20	S D	12.637	14.213	13.464	10.840	7.602	5.753	5.607	5.811	5.109	6.076	8.822	12.252	16.076
	TOTAL OBS	377	396	550	660	600	422	532	529	514	548	517	471	6116
	MEAN	18.7	11.5	15.9	22.6	35.9	41.7	48.8	50.3	43.3	31.5	23.5	13.7	30.0
21-23	S D	13.807	15.062	14.654	11.111	7.178	5.759	5.200	5.487	5.059	6.391	9.312	12.535	16.507
	TOTAL OBS	541	517	625	650	665	548	635	601	594	671	643	631	7321
	MEAN	17.1	11.1	15.3	22.6	36.4	42.4	49.5	50.9	44.2	31.7	22.9	13.2	29.9
ALL HOURS	S D	14.908	15.169	14.756	10.796	8.163	6.439	5.774	5.787	5.267	6.591	9.580	12.581	17.220
	TOTAL OBS	5517	5193	6041	6117	6187	5407	5929	5715	5766	6170	5984	5794	69820

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

3

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

720120 CAPE ROMANZOF AFS AK 73-81

(WBAN) (STATION NAME) (YEARS)

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	15.8	9.6	13.6	20.3	32.7	38.9	45.8	47.9	41.7	30.1	21.6	12.1	27.5
	S D	14.709	15.068	14.693	10.639	6.377	4.921	4.352	4.670	4.890	6.457	9.540	12.495	16.437
	TOTAL OBS	767	700	796	773	802	717	785	772	771	823	809	803	9318
03-05	MEAN	15.4	9.9	13.2	20.0	32.4	39.0	45.7	47.6	41.5	29.9	21.3	12.1	27.4
	S D	14.865	14.788	14.736	10.703	6.484	4.984	4.166	4.693	4.842	6.450	9.480	12.533	16.448
	TOTAL OBS	800	724	826	813	835	753	821	804	801	837	810	810	9631
06-08	MEAN	15.5	9.8	13.0	20.2	33.4	39.9	46.6	48.1	41.7	29.8	21.4	12.2	27.7
	S D	14.783	14.935	14.742	10.667	6.686	5.234	4.192	4.640	4.869	6.435	9.499	12.381	16.678
	TOTAL OBS	806	735	827	810	836	782	821	804	802	837	810	813	9683
09-11	MEAN	15.6	10.1	14.1	21.6	34.8	41.2	47.7	49.3	42.7	30.5	21.6	12.3	28.6
	S D	14.767	14.840	14.354	10.170	6.871	5.295	4.436	4.729	4.957	6.408	9.406	12.623	16.898
	TOTAL OBS	810	740	830	810	836	788	821	807	803	837	810	818	9710
12-14	MEAN	15.9	11.0	15.1	22.8	35.6	41.9	48.6	50.1	43.4	31.2	22.2	12.5	29.2
	S D	14.619	14.594	13.766	9.516	7.162	5.363	4.664	5.081	4.933	6.443	9.393	12.526	16.809
	TOTAL OBS	791	725	819	810	836	773	817	765	782	836	810	794	9558
15-17	MEAN	17.2	11.5	15.4	22.9	35.7	41.7	48.4	49.8	43.3	30.7	21.9	12.9	29.2
	S D	14.476	14.210	13.556	9.363	6.971	5.288	4.599	5.335	4.981	6.571	9.635	12.704	16.309
	TOTAL OBS	618	629	755	794	774	624	696	631	699	779	775	651	8425
18-20	MEAN	20.3	12.3	16.5	22.3	35.3	41.5	47.5	49.0	42.4	30.8	23.5	13.7	30.0
	S D	12.388	13.708	13.674	10.327	6.323	4.738	4.477	5.343	4.976	5.992	8.860	12.174	15.388
	TOTAL OBS	377	390	549	660	600	422	531	529	514	546	517	471	6106
21-23	MEAN	18.0	10.8	15.1	21.5	33.9	40.0	46.7	48.5	41.6	30.3	22.5	13.0	28.7
	S D	13.412	14.629	14.151	10.621	6.029	4.767	4.388	5.016	5.027	6.299	9.240	12.420	15.905
	TOTAL OBS	543	514	624	650	665	548	635	601	594	670	643	631	7315
ALL HOURS	MEAN	16.4	10.5	14.4	21.4	34.2	40.5	47.1	48.8	42.3	30.4	21.9	12.5	28.5
	S D	14.496	14.877	14.231	10.307	6.759	5.231	4.528	4.987	4.982	6.415	9.427	12.419	16.450
	TOTAL OBS	5509	5157	6026	6117	6184	5407	5927	5713	5766	6165	5984	5791	69746

USAFETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AI- WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 2123 CAPE ROMANZOF AFS AK 73-81

YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	11.3	4.1	8.6	16.5	29.6	36.8	43.9	46.4	39.7	27.4	18.1	7.0	24.4
00-02	S D	17.366	17.186	16.688	11.863	6.300	4.892	4.306	4.874	5.627	7.725	11.229	15.279	16.359
	TOTAL OBS	767	700	796	773	802	717	785	772	771	823	809	803	9318
	MEAN	10.7	4.4	8.0	16.1	29.4	37.1	43.9	46.1	39.6	27.3	18.0	6.9	24.1
03-05	S D	17.643	16.871	16.920	12.020	6.124	4.904	4.230	4.913	5.630	7.599	10.879	15.416	16.454
	TOTAL OBS	800	724	826	810	835	753	821	804	801	837	810	810	9631
	MEAN	10.7	4.5	7.8	16.4	30.0	37.8	44.7	46.4	39.6	27.2	18.0	7.1	24.3
06-08	S D	17.814	17.063	17.030	11.983	6.208	4.952	4.133	5.046	5.631	7.552	10.884	15.262	16.615
	TOTAL OBS	806	735	827	810	836	782	821	804	802	837	810	813	9683
	MEAN	10.9	4.7	8.8	17.6	31.2	38.8	45.4	47.3	40.3	27.7	18.1	7.2	24.9
09-11	S D	17.753	17.042	16.536	11.382	6.409	4.905	4.325	4.984	5.628	7.452	10.955	15.506	16.715
	TOTAL OBS	810	740	830	810	636	788	821	807	803	837	810	816	9711
	MEAN	11.3	5.5	9.8	18.7	31.9	39.2	46.0	47.9	40.7	28.2	18.6	7.2	25.5
12-14	S D	17.569	16.671	15.866	10.558	6.864	5.004	4.633	5.247	5.577	7.382	10.839	15.340	16.512
	TOTAL OBS	791	725	819	810	836	773	817	765	782	936	810	794	9658
	MEAN	12.7	6.1	10.5	19.1	32.1	39.2	45.9	47.8	40.9	27.9	18.4	7.7	25.6
15-17	S D	17.478	15.985	15.454	10.251	6.611	5.030	4.516	5.585	5.687	7.502	11.217	14.730	17.939
	TOTAL OBS	616	629	755	794	774	624	696	631	699	779	775	651	8425
	MEAN	16.2	6.6	11.7	18.6	31.9	39.4	45.3	47.3	40.2	28.2	20.1	8.6	26.6
18-20	S D	15.492	16.047	15.469	11.413	5.927	4.669	4.429	5.721	5.733	7.381	10.834	15.004	17.201
	TOTAL OBS	377	390	549	660	600	422	531	529	514	546	517	471	6206
	MEAN	14.0	5.3	10.4	17.7	30.9	38.1	44.8	47.0	39.7	27.6	18.9	7.9	25.4
21-23	S D	15.834	16.731	16.148	11.799	5.720	4.635	4.484	5.298	5.720	7.567	11.070	15.310	17.764
	TOTAL OBS	540	514	624	650	665	548	635	601	594	670	643	671	7315
	MEAN	11.8	5.0	9.3	17.6	30.8	38.2	45.0	47.0	40.1	27.7	18.4	7.4	25.3
ALL HOURS	S D	17.368	16.764	16.360	11.462	6.347	4.980	4.483	5.213	5.666	7.505	10.997	15.250	18.295
	TOTAL OBS	5509	5157	6026	6117	6184	5407	5927	5713	5766	6165	5984	5791	69746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70.120 CAPE ROMANZOF AFS AK 73-81 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	100.0	99.6	99.5	98.7	96.6	90.9	79.4	55.8	24.6	79.9	767
	03-05	100.0	99.6	99.5	98.3	95.8	90.6	77.1	54.1	23.0	79.2	800
	06-08	100.0	99.4	99.3	97.6	94.8	88.6	76.7	56.6	23.4	79.3	806
	09-11	99.8	99.5	99.4	98.6	95.6	88.8	76.7	59.4	25.9	79.7	810
	12-14	100.0	99.5	99.1	98.5	96.0	88.4	76.9	58.8	22.8	79.5	791
	15-17	100.0	100.0	99.5	98.2	94.7	88.7	79.9	60.2	27.7	80.3	618
	18-20	100.0	100.0	99.2	97.1	96.6	90.7	80.1	63.9	33.2	81.4	377
	21-23	99.8	99.8	99.4	99.1	98.0	95.2	83.5	62.6	28.7	81.9	540
TOTALS		100.0	99.7	99.4	98.3	96.0	90.2	78.8	58.9	26.2	80.1	5509

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70<120 STATION | CAPE ROMANZOF AFS AK STATION NAME | 73-81 PERIOD | FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN *RELATIVE* HUMIDITY	TOTAL *NO OF* OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	99.9	98.9	94.1	84.0	69.7	45.0	15.7	76.2	720
	03-05	100.0	100.0	100.0	99.2	95.6	85.2	68.1	43.0	16.6	76.2	724
	06-08	100.0	100.0	100.0	99.3	96.3	87.2	69.5	48.0	16.7	77.2	735
	09-11	99.9	99.7	99.6	99.1	95.0	86.8	71.4	48.0	16.4	76.9	740
	12-14	99.7	99.7	99.7	98.5	93.9	85.8	70.3	45.4	15.9	76.4	725
	15-17	100.0	100.0	100.0	99.2	94.0	83.1	66.8	45.5	18.6	76.2	629
	18-20	100.0	100.0	99.7	96.4	88.5	81.3	65.1	45.4	18.7	75.3	390
	21-23	100.0	100.0	100.0	97.9	93.0	84.0	69.1	46.5	17.3	76.2	514
	TOTALS	100.0	99.9	99.9	98.6	93.8	84.7	68.8	45.9	17.0	76.3	5157

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2120 CAPE ROMANZOF AFS AK 73-81 MAR
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		
MAR	00-02	100.0	100.0	99.7	98.2	95.5	89.1	75.1	49.1	17.3	77.7	796
	03-05	100.0	99.8	98.8	98.3	94.8	88.3	73.4	47.1	17.8	77.2	826
	06-08	100.0	100.0	98.9	97.0	94.4	87.4	74.0	49.2	18.4	77.2	827
	09-11	100.0	100.0	99.3	97.1	93.4	87.3	73.0	48.8	14.8	76.7	830
	12-14	100.0	100.0	99.5	97.7	93.8	84.9	70.9	47.6	17.6	76.5	819
	15-17	100.0	100.0	100.0	99.1	95.1	87.3	73.0	51.1	19.6	77.8	755
	18-20	100.0	99.6	99.5	98.5	95.4	91.1	76.5	53.7	22.6	76.9	549
	21-23	100.0	99.8	99.4	98.9	95.4	90.7	79.8	54.3	21.2	79.	624
TOTALS		100.0	99.9	99.4	98.1	94.7	88.3	74.5	50.1	18.7	77.6	6026

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 /120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — PERIOD
APR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
APR	00-02	100.0	100.0	100.0	100.0	98.7	94.8	82.1	58.6	26.4	81.8	773
	03-05	100.0	100.0	100.0	99.9	98.9	95.2	82.7	59.1	26.3	81.8	610
	06-08	100.0	100.0	100.0	99.9	98.6	95.6	84.3	59.3	24.1	81.6	610
	09-11	100.0	100.0	100.0	99.5	98.6	94.1	82.3	57.5	22.6	81.[illegible]	61[illegible]
	12-14	100.0	100.0	100.0	99.9	99.0	93.2	78.4	54.8	20.1	80.1	81[illegible]
	15-17	100.0	100.0	100.0	100.0	99.0	95.3	82.2	56.0	22.9	81.1	794
	18-20	100.0	100.0	100.0	99.7	98.2	95.3	83.2	60.2	25.3	81.9	660
	21-23	100.0	100.0	100.0	99.7	98.3	93.8	81.8	59.5	29.3	81.8	650
	TOTALS	100.0	100.0	100.0	99.8	98.7	94.7	82.1	58.1	24.5	81.4	6117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2120 CAPE ROMANZOF AFS AK 73-81 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	100.0	100.0	100.0	100.0	99.6	96.5	79.6	64.1	30.4	82.5	802
	03-05	100.0	100.0	100.0	100.0	99.3	96.2	81.9	63.7	33.3	83.1	835
	06-08	100.0	100.0	100.0	99.5	98.9	92.5	78.1	62.0	29.8	81.6	836
	09-11	100.0	100.0	100.0	99.6	97.8	91.0	76.6	55.7	23.4	79.9	936
	12-14	100.0	100.0	100.0	99.9	97.5	90.6	75.0	50.0	22.7	78.9	836
	15-17	100.0	100.0	99.9	99.7	98.6	91.5	75.8	52.7	21.3	79.4	774
	18-20	100.0	100.0	100.0	100.0	99.5	94.2	78.3	52.7	22.8	80.3	600
	21-23	100.0	100.0	100.0	100.0	99.4	96.4	82.7	63.8	29.6	82.6	665
	TOTALS	100.0	100.0	100.0	99.8	98.8	93.6	78.5	58.1	26.4	81.3	6194

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2120 CAPE ROMANZOF AFS AK 73-81 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	99.7	98.9	96.8	90.8	77.1	48.3	87.4	717
	03-05	100.0	100.0	100.0	100.0	98.8	97.6	92.3	79.0	49.9	88.0	753
	06-08	100.0	100.0	99.9	99.7	99.5	96.7	89.8	76.3	48.1	87.1	782
	09-11	100.0	100.0	100.0	99.7	98.5	93.4	85.3	69.9	42.8	84.9	786
	12-14	100.0	100.0	100.0	99.6	98.3	93.5	83.1	66.1	35.9	83.5	773
	15-17	100.0	100.0	100.0	99.8	98.7	95.4	87.0	68.8	38.3	84.6	624
	18-20	100.0	100.0	100.0	100.0	99.3	96.2	91.7	73.7	42.9	86.6	422
	21-23	100.0	100.0	100.0	100.0	99.1	97.3	92.9	77.7	51.3	87.8	548
	TOTALS	100.0	100.0	100.0	99.8	98.9	95.9	89.1	73.6	44.7	86.2	5477

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible]120 | CAPE ROMANZOF AFS AK | 73-81 | JUL
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%		
JUL	00-02	100.0	100.0	100.0	100.0	99.7	97.7	91.1	72.2	44.2	86.6	785
	03-05	100.0	100.0	100.0	99.9	99.8	97.9	92.7	76.6	48.8	87.8	521
	06-08	100.0	100.0	100.0	99.6	98.8	95.6	88.6	74.5	48.5	86.6	821
	09-11	100.0	100.0	100.0	99.6	97.2	93.8	85.3	69.1	38.2	84.3	821
	12-14	100.0	100.0	100.0	99.6	97.8	92.9	82.5	63.0	30.4	82.5	817
	15-17	100.0	100.0	100.0	100.0	98.9	94.5	84.3	61.8	29.0	82.6	696
	18-20	100.0	100.0	100.0	99.6	99.4	97.0	89.5	67.8	36.2	84.8	531
	21-23	100.0	100.0	100.0	100.0	99.8	98.3	91.7	72.8	39.8	86.3	635
	TOTALS	100.0	100.0	100.0	99.8	98.9	96.0	88.2	69.7	39.4	85.2	5927

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 [illegible] CAPE ROMANZOF AFS AK 73-81 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.9	98.7	93.3	81.9	53.1	88.7	772
	03-05	100.0	100.0	100.0	100.0	100.0	99.4	94.9	83.0	53.2	89.2	804
	06-08	100.0	100.0	100.0	100.0	99.9	97.6	91.8	77.0	45.5	87.4	804
	09-11	100.0	100.0	100.0	99.9	99.4	96.2	88.6	66.9	38.8	85.3	807
	12-14	100.0	100.0	100.0	100.0	99.1	95.6	87.6	65.4	35.4	84.3	765
	15-17	100.0	100.0	100.0	100.0	98.6	96.7	91.6	67.8	37.7	85.1	631
	18-20	100.0	100.0	100.0	100.0	100.0	99.1	95.8	76.2	43.3	87.2	529
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	95.8	83.0	50.2	88.5	601
TOTALS		100.0	100.0	100.0	100.0	99.6	97.8	92.4	75.2	44.7	87.0	5713

USAFETAC FORM 0-87-5 (OL A)
JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 1.0 CAPE ROMANZOF AFS AK 73-81 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	99.6	98.7	94.7	77.6	43.3	87.0	771
	03-05	100.0	100.0	100.0	100.0	100.0	98.5	93.6	81.3	44.7	87.6	801
	06-08	100.0	100.0	100.0	100.0	99.9	97.5	92.4	76.4	42.4	86.5	802
	09-11	100.0	100.0	100.0	100.0	99.8	97.3	90.3	67.2	34.0	84.7	803
	12-14	100.0	100.0	100.0	100.0	99.1	96.0	85.4	60.4	30.2	83.2	782
	15-17	100.0	100.0	100.0	100.0	99.4	97.6	88.6	63.5	33.0	84.1	699
	18-20	100.0	100.0	100.0	100.0	99.4	99.2	94.2	72.8	34.4	85.8	514
	21-23	100.0	100.0	100.0	100.0	99.5	99.5	97.0	77.8	42.9	87.4	594
TOTALS		100.0	100.0	100.0	100.0	99.6	98.0	92.0	72.1	38.1	85.8	5766

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70?120 CAPE ROMANZOF AFS AK 73-81 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.6	98.7	92.5	73.3	34.8	85.4	823
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	93.0	75.5	38.4	86.2	837
	06-08	100.0	100.0	100.0	100.0	99.9	98.8	93.8	74.2	37.8	85.8	837
	09-11	100.0	100.0	100.0	100.0	99.8	98.2	90.4	70.3	32.6	84.5	837
	12-14	100.0	100.0	100.0	100.0	99.9	97.7	90.0	67.0	26.6	83.8	836
	15-17	100.0	100.0	100.0	100.0	100.0	98.6	91.3	72.0	32.2	84.9	779
	18-20	100.0	100.0	100.0	100.0	100.0	99.5	93.6	75.1	37.4	86.1	586
	21-23	100.0	100.0	99.9	99.9	99.7	99.1	93.0	75.1	34.2	85.5	673
	TOTALS	100.0	100.0	100.0	100.0	99.9	98.7	92.2	72.8	34.3	85.3	6165

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70x120 — STATION
CAPE ROMANZOF AFS AK — STATION NAME
73-81 — PERIOD
NOV — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	99.9	99.4	96.2	86.8	63.8	30.7	83.2	809
	03-05	100.0	100.0	100.0	100.0	99.9	97.3	88.1	65.8	32.5	83.8	810
	06-08	100.0	100.0	100.0	100.0	99.8	97.3	89.3	65.7	33.2	84.0	810
	09-11	100.0	100.0	100.0	99.9	99.3	95.8	85.6	63.6	28.9	82.9	810
	12-14	100.0	100.0	100.0	100.0	99.3	96.0	84.7	63.2	28.9	82.8	810
	15-17	100.0	100.0	100.0	99.7	99.0	95.6	85.8	64.1	32.3	83.1	775
	18-20	100.0	100.0	100.0	100.0	99.6	95.0	86.1	61.1	35.6	83.4	517
	21-23	100.0	100.0	100.0	99.8	99.1	96.0	85.7	62.5	29.1	82.8	643
TOTALS		100.0	100.0	100.0	99.9	99.4	96.2	86.5	63.7	31.4	83.3	5984

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702120 STATION | CAPE POMANZOF AFS AK STATION NAME | 73-81 PERIOD | DEC MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	99.5	98.5	94.1	87.0	74.3	46.7	22.9	78.0	603
	03-05	100.0	100.0	99.5	97.5	94.1	85.6	74.8	46.3	23.7	77.7	810
	06-08	100.0	99.9	99.5	97.2	93.8	86.7	76.1	49.6	22.5	78.0	813
	09-11	99.9	99.9	99.4	97.9	95.5	86.8	73.7	50.4	21.3	78.0	818
	12-14	100.0	99.9	99.4	97.7	93.8	85.9	74.2	50.8	20.7	77.7	794
	15-17	100.0	100.0	99.5	98.6	93.7	85.9	73.9	47.3	20.6	77.5	651
	18-20	100.0	100.0	100.0	97.9	95.1	86.6	72.2	42.9	22.1	77.6	471
	21-23	100.0	100.0	99.7	98.3	95.2	86.7	74.0	45.6	24.2	77.9	631
	TOTALS	100.0	100.0	99.6	98.0	94.4	86.4	74.2	47.5	22.3	77.8	5791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

702120 CAPE ROMANZOF AFS AK 73-81 ALL

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	ALL	100.0	99.7	99.4	98.3	96.0	90.2	78.8	58.9	26.2	80.1	5509
FEB		100.0	99.9	99.9	98.6	93.8	84.7	68.8	45.9	17.0	76.3	5157
MAR		100.0	99.9	99.4	98.1	94.7	88.3	74.5	50.1	18.7	77.6	6026
APR		100.0	100.0	100.0	99.8	98.7	94.7	82.1	58.1	24.5	81.4	6117
MAY		100.0	100.0	100.0	99.8	98.8	93.6	78.5	58.1	26.4	81.0	6184
JUN		100.0	100.0	100.0	99.8	98.9	95.9	89.1	73.6	44.7	86.2	5407
JUL		100.0	100.0	100.0	99.8	98.9	96.0	88.2	69.7	39.4	85.2	5927
AUG		100.0	100.0	100.0	100.0	99.6	97.8	92.4	75.2	44.7	87.0	5713
SEP		100.0	100.0	100.0	100.0	99.6	98.0	92.0	72.1	38.1	85.8	5766
OCT		100.0	100.0	100.0	100.0	99.9	98.7	92.2	72.8	34.3	85.3	6165
NOV		100.0	100.0	100.0	99.9	99.4	96.2	86.5	63.7	31.4	83.3	5984
DEC		100.0	100.0	99.6	98.0	94.4	86.4	74.2	47.5	22.3	77.8	5791
TOTALS		100.0	100.0	99.9	99.3	97.7	93.4	83.1	62.1	30.6	82.3	69746

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

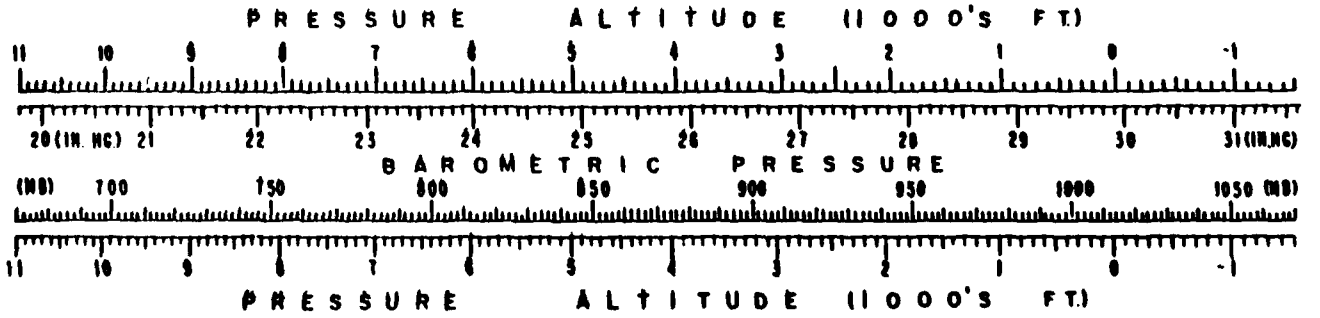
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

70212O CAPE ROMANZOF AFS AK 73-81

STATION NO. STATION NAME YEARS

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.14329	29.16629	29.13129	29.22929	29.23329	29.35229	29.35429	29.30229	29.20929	29.07129	29.07229	29.129	29.198
02	S D	.461	.411	.340	.309	.259	.213	.182	.230	.296	.354	.405	.455	.351
	TOTAL OBS	266	246	278	270	279	249	273	268	267	279	270	270	3217
	MEAN	29.12629	29.15829	29.12429	29.22629	29.23229	29.35229	29.35229	29.29629	29.20229	29.06629	29.06729	29.122	29.193
05	S D	.465	.412	.344	.307	.260	.212	.183	.231	.297	.354	.403	.458	.352
	TOTAL OBS	270	245	278	270	278	252	274	268	267	279	270	272	3223
	MEAN	29.12629	29.16029	29.12929	29.23329	29.23929	29.36129	29.35929	29.30329	29.20729	29.07329	29.07229	29.126	29.199
08	S D	.467	.413	.347	.307	.261	.209	.186	.233	.299	.353	.405	.457	.353
	TOTAL OBS	271	251	278	270	279	261	274	268	267	279	270	272	3240
	MEAN	29.13729	29.16729	29.13929	29.24229	29.24529	29.36729	29.36729	29.30929	29.21229	29.07929	29.07929	29.136	29.206
11	S D	.467	.417	.346	.309	.261	.210	.183	.235	.300	.353	.405	.456	.354
	TOTAL OBS	271	249	278	270	279	262	274	269	268	279	270	273	3242
	MEAN	29.13129	29.14529	29.13329	29.24029	29.24229	29.36529	29.36829	29.30029	29.21529	29.08529	29.08429	29.143	29.200
14	S D	.461	.423	.342	.311	.262	.214	.183	.243	.292	.354	.406	.454	.354
	TOTAL OBS	253	235	269	270	278	248	270	229	247	278	270	252	3099
	MEAN	29.14529	29.17729	29.12829	29.23229	29.23829	29.34929	29.34229	29.28729	29.22329	29.09429	29.07729	29.187	29.196
17	S D	.497	.434	.341	.311	.263	.224	.186	.233	.294	.364	.415	.457	.356
	TOTAL OBS	160	176	226	255	218	165	184	207	211	223	235	192	2452
	MEAN	29.05429	29.13029	29.10129	29.22329	29.24729	29.33029	29.34029	29.27929	29.21429	29.08129	29.07829	29.218	29.189
20	S D	.486	.434	.336	.310	.260	.227	.182	.213	.302	.368	.434	.470	.358
	TOTAL OBS	125	121	161	201	178	132	170	155	150	174	172	157	1896
	MEAN	29.12829	29.15229	29.14629	29.21829	29.25429	29.35129	29.36429	29.30529	29.20929	29.06429	29.06429	29.143	29.196
23	S D	.469	.424	.339	.298	.258	.224	.181	.228	.308	.357	.409	.455	.357
	TOTAL OBS	237	219	247	236	245	221	237	237	237	267	267	263	2913
	MEAN	29.12829	29.15829	29.13029	29.23129	29.24129	29.35529	29.35729	29.29929	29.21129	29.06429	29.07129	29.145	29.198
ALL HOURS	S D	.469	.419	.342	.307	.260	.215	.183	.231	.298	.356	.408	.457	.354
	TOTAL OBS	1855	1742	2015	2042	2034	1790	1956	1901	1914	2058	2024	1951	23282

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

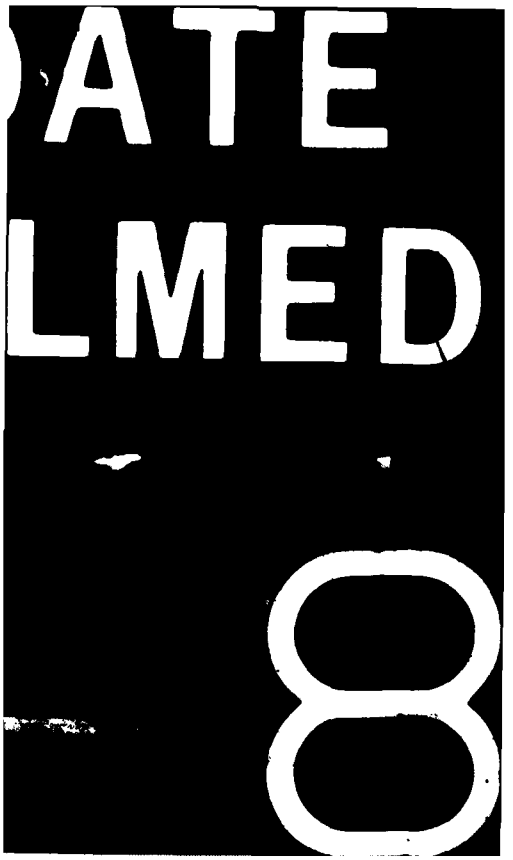
MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

703120 CAPE ROMANZOF AFS AK 73-81

STATION STATION NAME YEARS

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2	MEAN	989.8	1005.2	997.0	1004.9	1006.8	1011.2	1013.5	1010.2	1009.8	1004.4	998.3	1010.8	1006.0
	S D	8.522	10.639	8.898	11.467	9.380	7.630	6.285	6.890	10.005	10.270	12.462	14.956	11.557
	TOTAL OBS	31	28	32	60	62	60	63	62	61	62	60	62	643
5	MEAN	989.3	1004.9	996.3	1004.7	1006.9	1011.5	1013.7	1009.9	1009.5	1004.2	998.0	1010.7	1005.9
	S D	9.285	10.170	8.572	11.373	9.348	7.724	6.369	6.916	10.060	10.433	12.510	14.943	11.653
	TOTAL OBS	32	28	31	60	62	62	64	64	61	62	60	62	648
8	MEAN	990.2	1004.8	996.6	1005.1	1007.0	1011.3	1010.7	1010.1	1009.7	1004.5	998.1	1010.8	1006.0
	S D	8.891	10.583	8.497	11.430	9.443	7.497	6.394	7.160	10.324	10.456	12.383	14.583	11.565
	TOTAL OBS	31	28	31	60	62	60	63	62	61	62	60	43	643
11	MEAN	990.2	1004.2	997.5	1005.4	1007.2	1011.7	1010.9	1010.4	1009.7	1004.8	998.2	1011.2	1006.1
	S D	9.063	11.143	8.300	11.392	9.369	7.693	6.302	7.296	10.460	10.476	12.203	14.557	11.629
	TOTAL OBS	34	30	32	60	62	61	62	62	62	62	61	62	650
14	MEAN	990.3	1004.4	997.0	1005.3	1007.1	1011.4	1010.8	1010.4	1009.7	1004.2	997.8	1010.5	1006.0
	S D	8.959	11.673	7.749	11.405	9.444	7.756	6.297	7.175	10.208	10.459	12.067	14.718	11.581
	TOTAL OBS	31	28	31	60	62	60	62	62	60	62	60	61	639
17	MEAN	990.4	1004.3	996.7	1005.2	1006.9	1011.2	1010.8	1010.3	1009.7	1003.6	997.7	1010.5	1005.9
	S D	8.815	11.862	7.792	11.227	9.501	7.760	6.280	7.027	10.338	11.114	12.162	14.705	11.638
	TOTAL OBS	31	28	31	60	62	60	64	62	60	63	60	61	642
20	MEAN	990.5	1004.0	996.6	1005.3	1007.1	1011.1	1010.7	1010.5	1009.9	1004.4	997.8	1010.8	1006.0
	S D	8.821	12.239	8.104	10.985	9.395	7.911	6.314	6.866	10.193	10.149	12.375	14.795	11.568
	TOTAL OBS	31	28	31	60	62	60	63	62	60	62	60	61	640
23	MEAN	990.7	1004.3	996.7	1005.5	1007.2	1011.3	1010.8	1010.6	1009.9	1004.4	997.8	1010.8	1006.1
	S D	8.649	12.259	8.042	10.921	9.425	7.727	6.207	6.855	10.119	10.134	12.691	14.949	11.598
	TOTAL OBS	31	28	32	60	62	60	63	63	60	62	60	62	643
ALL HOURS	MEAN	990.2	1004.5	996.8	1005.2	1007.0	1011.3	1010.7	1010.3	1009.7	1004.3	998.0	1010.8	1006.0
	S D	8.769	11.173	8.108	11.197	9.398	7.659	6.264	6.978	10.141	10.372	12.269	14.686	11.589
	TOTAL OBS	252	226	251	480	496	483	504	499	485	497	481	494	5148


ATE
LMED
8