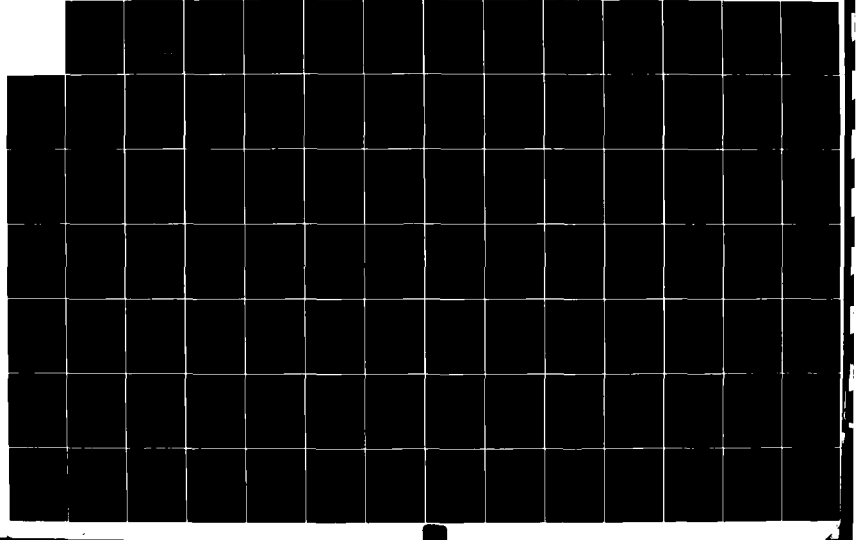
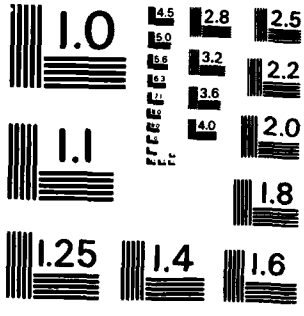
AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83 1/5

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MICROCOPY RESOLUTION TEST CHART
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12 AUG 1983

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

ANAK [illegible] AK
[illegible] ELEV 11 F.
WBAN #70,[illegible]
PAOR

PANAM A-F
CDAS SUMMARIZED: [illegible]

PERIOD OF RECORD:
HOURLY OBSERVATIONS: JAN 73 - DEC 8[illegible]
SUMMARY OF DAY DATA: JUN 43 - DEC 8[illegible]

LOCAL CONVERSION TIME TO LST: -11

AUG 24 1983

DISTRIBUTION STATEMENT A
Approved for public release;
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

AE 550 47/

REPORT DOCUMENTATION PAGE

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1 REPORT NUMBER: USAFETAC/DS- 83/038	2 GOVT ACCESSION NO.: AD-A134 203
3 RECIPIENT'S CATALOG NUMBER:	
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Adak NAS, 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: AUG 83 13 NUMBER OF PAGES: p320
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 temperature	Atmospheric pressure
Snowfall	Extreme snow depth	Extreme surface winds
Climatology	Sea-level pressure	Psychrometric summary
Surface Winds	Extreme temperature	Ceiling versus visibility
Relative humidity	*Climatological data	(over)

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

This report is a six-part statistical summary of surface weather observations for ADAK NAS, MITCHELL FIELD, 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 Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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

*ALASKA
*MITCHELL FIELD

*ADAK NAS
USAK704540

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

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

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

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REVISED UNIFORM SUMMARY
OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

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

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 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:	STATION NAME:	LATITUDE:	LONGITUDE:	Field ELEV FT	CALL SIGN:	WBO NO:
704540	ADAK ALASKA NS	N 51 53	W 176 39	19.0	PADK	70454

STATION HISTORY AND WIND EQUIPMENT INFORMATION

# Of Loc.	DATE OF CHANGE	TYPE OF STATION CHANGE	WIND EQUIPMENT LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HEIGHT ABOVE GROUND
1.	Oct 1942	Longview AAF Weather Station(Joint Unit AAF & Navy)	Not available	N/A	N/A	N/A
2.	12/31/43	Adak(Joint Unit) AF & Navy	Not available	N/A	N/A	N/A
3.	6/30/48	Davis AFB(Joint Unit) AF & Navy	Not available	N/A	N/A	N/A
4.	7/1/50	Adak Alaska NS	Located 1000 Ft NNW of hangar and 500 Ft E of air control tower.	Selsyn	ML-144	25 Ft
5.	2/12/52	No change	On top S end of hangar.	AN/UMQ-5	AN/UMQ-5	80 Ft
6.	1/12/54	No change	No change	No change	No change	75 Ft
7.	9/4/57	No change	No change	AN/UMQ-5C	AN/UMQ-5C	No change
8.	6/30/59	No change	On top N end of hangar	No change	No change	69 Ft
9.	2/1/60	No change	Located 90 Ft from operations building on a mast.	Aerovane	Aerovane	58 Ft
10.	2/4/62	No change	Located about 500 Ft WSW of control tower	No change	No change	25 Ft
11.	5/29/62	No change	Located 500 Ft on a bearing of 115 degrees true from intersection of center lines of runways 05-23 and 36-18.	No change	No change	15 Ft
12.	2/1/63	No change	No change	No change	No change	25 Ft
			STATION REPORTS 24 OBS PER DAY - OCT 42 TO PRESENT. (May 1983)			

1210 WS MAR 60 FORM O-64A (Del 50)

STATION NO ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV FT	CALL SIGN	WMO NUMBER
704540	Adak, Alaska	51 53 N	176 39 W	19.0	PADK	70454

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT BARO.	
13	Adak, Alaska NS	NS	Mar 63	Apr 68	51 53 N	176 39 W	1 .1	16.4	24
14	SAME	NS	May 68	Dec 80	SAME	SAME	AME	SAME	24
15	SAME	NS	Jan 81	May 83	SAME	SAME	19.0	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 MSL	
13a	1965	Located 500 ft on a true bearing of 115 degrees from the intersection of the centerlines of runways 05-23 and 36-18.	AN/UMQ/5C	RD108D/UMQ-5	25 ft	
14a	1974	Located 692 ft 6 inches on a true bearing of 115 degrees from the intersection of the centerlines of runways 05-23 and 18-36.	SAME	SAME	25 ft	
15a	1979	SAME	SAME	RO447-AGM029	25 ft	

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE MSL	
16a	1981	SAME	SAME	R-108-B	25 ft	
17a	May 83	SAME	SAME	SAME	25 ft	

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PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

Percentage of observations with obstructions to vision - Included in this category are the 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
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WEATHER CONDITIONS

704540	ADAK NAS AK	73-82	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		20.1		22.0		38.7	12.8		4.6		17.4	921
	03-05	.1	20.7		23.5		40.8	13.4		4.0		17.3	921
	06-08		19.5		25.9		41.1	12.4		3.7		15.7	910
	09-11		20.0		27.1		42.4	11.3	.2	3.8		15.3	919
	12-14	.1	21.6		26.7		43.2	11.3	.1	4.3		15.6	914
	15-17		19.4		27.5		43.1	11.8		5.2		16.8	912
	18-20		19.6		25.8		39.9	11.1		4.7		15.7	924
	21-23		18.8		23.0		38.8	11.3		3.7		15.0	919
TOTALS		.0	20.0		25.2		41.0	11.9	.0	4.3		16.1	7340

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WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 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		16.0		30.8	.1	43.3	10.4		5.6		16.0	839
	03-05		17.2	.1	35.3		49.2	10.9		4.9		15.8	836
	06-08	.1	15.9	.1	30.0	.1	42.8	9.7		5.0		14.7	836
	09-11		15.8	.1	31.8		43.2	10.5		6.0		16.5	837
	12-14		16.9		27.1		39.5	9.8		5.5		15.2	840
	15-17		15.6		32.1		43.5	12.0		5.4		17.3	833
	18-20		18.8		34.8	.2	49.2	13.5		5.4		18.9	837
	21-23		15.7		33.2		45.3	11.1		5.2		16.2	832
TOTALS		.0	16.5	.0	31.9	.1	44.5	11.0		5.4		16.3	6690

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
MAR — 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		21.3	.3	34.3	.2	50.2	11.2		4.7		15.9	916
	03-05		20.0		31.6	.2	46.8	10.7		3.9		14.4	919
	06-08		18.0		30.3	.2	43.7	11.5		2.9		14.1	916
	09-11		18.5		29.4	.1	43.2	11.1	.1	3.2		14.1	915
	12-14		17.9		29.1	.2	41.3	9.5		1.9	.1	11.5	917
	15-17		18.3		29.1		41.2	9.7		1.7		11.4	921
	18-20		22.1		29.7		45.6	11.4		3.5		14.8	915
	21-23		23.5		32.5		49.2	10.9		3.2		14.1	914
TOTALS			20.0	.0	30.8	.1	45.2	10.8	.0	3.1	.0	13.8	7333

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2

WEATHER CONDITIONS

7 4540 ADAK NAS AK 73-82 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		23.9		24.2	.1	43.6	13.7		1.8		15.5	893
	03-05		24.4		25.4	.2	46.3	12.3		1.5		13.8	892
	06-08		21.7		27.1		45.1	15.8		2.0		17.8	892
	09-11		23.3		24.8	.4	44.0	14.4		1.8		16.2	891
	12-14		23.5		19.6	.2	40.6	15.5		.9		16.4	889
	15-17		23.0		19.1	.7	39.3	15.4		.8		16.2	878
	18-20		22.9		23.1	.1	42.8	18.4		.9		19.3	892
	21-23		24.0		23.3		43.9	17.9		1.0		18.9	887
TOTALS			23.3		23.3	.2	43.2	15.4		1.3		16.8	7114

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7 4540 ADAK NAS AK 73-82 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 IZZLE	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		41.3		8.5		45.9	20.9				20.9	923
	03-05		41.6		10.1		48.4	23.6	.1		.3	23.7	918
	06-08	.1	37.1		9.5		43.4	24.3			.3	24.3	918
	09-11		36.4		7.3	.1	41.8	22.0			.3	22.0	917
	12-14		34.4		6.8	.3	38.1	19.8				19.8	918
	15-17		30.8		6.1	.2	34.4	19.6	.2			19.8	917
	18-20		33.3		5.9		36.6	18.9	.1			19.0	921
	21-23		36.5		6.4	.1	40.7	23.2		.1		23.3	923
TOTALS		.0	36.4		7.6	.1	41.2	21.5	.1	.0	.1	21.6	7355

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WEATHER CONDITIONS

704 40 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JUN — 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		42.8				42.8	35.3				35.3	898
	03-05		42.6				42.6	39.0				39.0	883
	06-08		39.8		.1		39.8	37.7				37.7	887
	09-11		34.3				34.3	31.4	.1			31.6	884
	12-14		28.9				28.9	22.4	.3			22.7	889
	15-17		28.3				28.3	20.8	.1			20.9	888
	18-20		29.7				29.7	26.4				26.4	898
	21-23		37.7				37.7	34.2				34.2	892
TOTALS			35.5		.0		35.5	30.9	.1			31.0	7115

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2

WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 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		42.9				42.9	47.2				47.2	923
	03-05		45.9				45.9	47.0				47.0	921
	06-08		43.1				43.1	51.8				51.8	923
	09-11		35.0				35.0	42.6				42.6	921
	12-14		31.4				31.4	30.2				30.2	918
	15-17		26.9				26.9	29.8				29.8	921
	18-20		31.0				31.0	36.2				36.2	922
	21-23		36.5				36.5	47.0				47.0	919
TOTALS			36.6				36.6	41.5				41.5	7369

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

704540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L S T	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AUG	00-02	.1	43.9				43.9	50.1	.2			50.1	920
	03-05		43.6				43.6	49.8				49.8	917
	06-08		41.6				41.6	50.5				50.5	918
	09-11		37.1				37.1	43.4	.2			43.5	921
	12-14		33.5				33.5	36.2	.3			36.4	917
	15-17		35.5				35.5	39.6	.3			39.9	922
	18-20		36.6				36.6	47.0	.5			47.0	927
	21-23		40.6				40.6	51.4	.5			51.5	917
TOTALS		.0	39.1				39.1	46.0	.3			46.1	7359

GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7 4540 ADAK NAS AK 73-82 SEP
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		30.8				30.8	23.4	.7		.1	24.1	892
	03-05		32.5				32.5	23.2	.5			23.7	883
	06-08		30.9		.1		30.9	27.5	.1			27.6	891
	09-11		29.6			.1	29.6	25.8	.3			26.1	884
	12-14		28.9				28.9	21.4	.3		.2	22.0	888
	15-17		25.2		.1		25.2	23.9	.7			21.6	890
	18-20		27.0		.1		27.1	23.6	.9			24.5	894
	21-23		27.8				27.8	24.6	.7			25.3	893
TOTALS			29.1		.0	.0	29.1	23.8	.5		.0	24.4	7115

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540 ADAK NAS AK 73-82 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		30.5		3.7	.4	33.4	16.6				16.6	924
	03-05		32.0		2.3	.4	33.6	15.9				15.9	918
	06-08		32.1		2.9	.1	34.4	18.1				18.1	919
	09-11		29.2		2.6	1.0	31.2	19.7				19.7	920
	12-14		30.0		2.5	1.0	32.1	17.6	.7			18.3	918
	15-17		31.0		2.7	.4	33.6	18.4	1.1			19.3	916
	18-20		29.0	.1	2.9	.5	31.5	17.9	.5			18.5	921
	21-23		26.4		2.8	.7	29.1	16.3				16.3	923
TOTALS			30.0	.0	2.8	.6	32.4	17.6	.3			17.8	7359

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
NOV — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS L S T	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		23.4		13.9		34.7	10.2	.3	.6		10.8	893
	03-05		26.1		11.5		34.8	11.5		.8		12.3	893
	06-08	.1	27.3		12.8	.1	36.9	13.4	.1	.8		14.3	896
	09-11		25.9		14.7	.2	35.7	17.0		1.0		18.0	883
	12-14		27.6		13.9	.7	37.8	17.8	.2	.9		18.9	888
	15-17		29.2		14.9	.6	40.3	18.2	.1	1.1		19.4	890
	18-20		24.3		13.2	.3	35.3	13.8		.8		14.6	893
	21-23		24.3		12.2	.3	34.1	11.8	.2	.8		12.7	888
TOTALS		.0	26.0		13.4	.3	36.2	14.2	.1	.9		15.1	7124

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 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		23.6	.1	23.7		42.8	11.9		2.1		14.0	915
	03-05		24.1		24.0	.1	43.3	13.1		2.4		15.5	910
	06-08	.1	23.8		27.7	.2	46.0	12.9		2.9	.1	16.0	921
	09-11		20.2		25.9		41.6	14.1		2.3		16.4	916
	12-14	.1	21.4		26.8	.3	42.3	14.5		2.4		16.9	906
	15-17	.1	21.4		22.0	.1	40.2	16.0		2.8		18.8	898
	18-20		21.8		23.0		40.6	14.2		1.9		16.1	913
	21-23		23.4		24.1	.1	43.7	12.5		2.2		14.6	911
TOTALS		.0	22.5	.0	24.7	.1	42.6	13.7		2.4	.0	16.0	7290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

704540 ADAK NAS AK 73-82 ALL
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	ALL	.0	20.0		25.2		41.0	11.9	.0	4.3		16.1	7340
FEB		.0	16.5	.0	31.9	.1	44.5	11.0		5.4		16.3	6690
MAR			20.0	.0	30.8	.1	45.2	10.8	.0	3.1	.0	13.8	7333
APR			23.3		23.3	.2	43.2	15.4		1.3		16.8	7114
MAY		.0	36.4		7.6	.1	41.2	21.5	.1	.0	.1	21.6	7355
JUN			35.5		.0		35.5	30.9	.1			31.0	7115
JUL			36.6				36.6	41.5				41.5	7364
AUG		.0	39.1				39.1	46.0	.3			46.1	7359
SEP			29.1		.0	.0	29.1	23.8	.		.0	24.4	7115
OCT			30.0	.0	2.8	.6	32.4	17.6	.3			17.8	7359
NOV		.0	26.0		13.4	.3	36.2	14.2	.1	.9		15.1	7124
DEC		.0	22.5	.0	24.7	.1	42.6	13.7		2.4	.0	16.0	7290
TOTALS		.0	27.9	.0	13.3	.1	38.9	21.5	.1	1.5	.0	23.0	86558

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 4540 — STATION
ADAK NAS AK — STATION NAME
46-82 — YEARS
ALL — MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY	.9	56.1	.8	69.7	.3	91.6	25.0	.4	17.5	.5	41.4	1110
FEB		.6	50.9	1.1	76.4	.1	93.3	19.4	.4	20.5		38.2	1010
MAR		.4	57.7	.2	76.3	.1	93.8	25.0	.7	13.4	.2	37.7	1118
APR		.3	69.2	.2	64.6	.2	90.2	32.3	1.7	4.2		37.1	1083
MAY		.2	87.9		27.7	.1	87.4	40.7	1.8	.3	.7	42.2	1139
JUN			88.2		1.3	.1	81.3	58.5	.8		.2	59.0	1106
JUL			90.3				62.9	78.5	.8		.2	79.7	1136
AUG		.3	91.5		.1		84.1	75.6	1.3			75.9	1143
SEP			90.5		.2	.3	83.2	52.2	.8		.5	52.9	1095
OCT		.4	91.7	.2	27.2	.6	90.1	37.2	2.0	.1	.2	38.0	1138
NOV		.8	77.2	.4	58.9	.5	91.5	29.9	1.4	4.6		34.2	1095
DEC		1.1	60.7	.8	71.3	.4	91.7	25.9	.4	14.6	.2	38.9	1115
TOTALS		.6	76.0	.3	39.8	.2	88.4	41.7	1.0	6.3	.2	47.8	13288

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

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

7-4540 ADAK IAS AK 44-82
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	.01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	.[illegible]	15.[illegible]	5.7	17.2	13.3	16.4	12.7	7.4	2.[illegible]	.4				77.7	12[illegible]9	6.12	14.45	2.18
FEB	5.[illegible]	18.1	5.4	17.2	13.5	19.1	12.4	[illegible].4	2.1	.1				76.2	1102	4.79	9.57	1.97
MAR	[illegible].[illegible]	15.[illegible]	6.5	19.5	13.3	18.3	12.9	6.7	2.9	.1				60.2	1209	5.71	13.31	1.52
APR	.[illegible]	21.4	6.[illegible]	19.7	11.7	17.5	9.8	4.9	1.7	.2				72.4	1173	4.30	10.17	1.30
MAY	[illegible].[illegible]	24.4	7.4	18.6	15.[illegible]	14.[illegible]	[illegible].0	3.[illegible]	1.7	.2				66.4	12[illegible]9	3.68	16.10	.64
JUN	11.3	35.[illegible]	6.2	16.2	[illegible].6	10.[illegible]8	6.2	3.[illegible]8	1.1	.1				52.6	1170	2.87	9.37	.01
JUL	10.[illegible]	38.5	7.3	13.1	7.2	11.4	7.4	3.1	1.2					50.7	1209	2.95	6.1[illegible]	.80
AUG	.[illegible]4	30.[illegible]8	6.9	16.0	[illegible].5	1[illegible].2	9.3	5.5	2.3					60.8	12[illegible]9	4.26	9.65	.98
SEP	11.[illegible]	2[illegible].4	6.3	15.9	11.4	15.[illegible]	9.2	6.8	3.[illegible]	.3				67.9	1170	5.20	11.30	2.17
OCT	[illegible].5	14.[illegible]	[illegible].6	16.1	14.8	20.7	12.3	7.[illegible]	4.[illegible]	.2				80.6	1206	6.64	13.25	3.02
NOV	[illegible].[illegible]	10.3	5.7	14.6	1[illegible].7	21.6	14.7	10.8	5.2	.3				85.7	1169	7.91	13.72	2.66
DEC	[illegible].3	15.3	[illegible].1	15.6	13.8	2[illegible].5	12.8	6.8	4.5	.3				80.9	1209	7.41	13.58	2.58
ANNUAL	7.0	21.8	6.1	16.6	12.0	16.6	1[illegible].6	6.3	2.7	.2				71.1	1824	62.[illegible]4		

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

7 4540 ADAK NAS AK 44-72
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44	.57	1.07	.73	.49	.13	.32	.53	1.61	.86*	1.77*	1.92	1.11	* 1.92
45	.52	.53	.50	1.02	.88	.14	.36	.63	.93	1.13	.92	1.47	1.47
46	.55	.82	.96	1.23	.42	1.28	.43	1.07	1.08	1.33	1.45	1.48	1.48
47	1.81	.53	1.07	.58	.76	.61	.47	1.24	1.47	1.79	1.26	1.97	1.97
48	1.75	2.85	1.69	.31	.68	.21	1.14	1.04	2.27	1.41	1.21	1.60	2.85
49	2.79	2.24	1.29	.97	1.08	.64	1.51	.90	1.15	1.47	1.00	3.19	3.19
50	.65	.88	.58	.95	.70	.74	.41	2.33	3.52	1.29	1.05	2.25	3.52
51	3.10	1.10	1.14	1.54	.95	.37	1.85	.71	1.37	1.40	1.50	2.39	3.10
52	.80	1.29	1.70	.46	1.57	1.96	1.26	.56	1.71	2.13	2.65	.82	2.65
53	3.59	1.52	2.40	1.85	1.24	1.39	.38	2.29	2.62	2.56	2.06	.52	3.59
54	2.00	1.81	3.22	1.02	4.85	1.86	1.01	.96	2.47	1.62	2.08	1.88	4.85
55	2.84	1.95	.98	1.54	1.24	1.00	1.31	.31	.99	3.36	2.24	4.68	4.68
56	.97	1.62	1.69	1.44	1.27	1.90	.90	2.46	2.82	.70	1.73	2.05	2.82
57	2.01	.99	1.04	3.19	2.06	2.52	.22	.70	1.41	1.39	.98	1.22	3.19
58	1.06	.83	1.67	.88	1.14	.52	1.02	.41	2.07	1.94	2.45	2.03	2.45
59	.54	2.25	1.46	1.10	1.12	1.81	.86	1.09	1.92	1.20	.94	.76	2.25
60	1.09	.39	1.03	.29	.61	.53	1.92	.54	.40	.68	.34	1.06	1.92
61	1.15	.81	.43	.68	.36	1.49	1.00	.41	.62	1.15	1.30	.75	1.49
62	2.85	1.13	2.05	.43	.48	.67	.42	.78	.73	1.71	.76	2.26	2.85
63	1.03	.54	1.58	.49	.88	1.24	.38	.32	.97	.78	1.07	4.00	4.00
64	.46	.59	.73	1.06	.39	1.41	.39	.73	2.28	1.13	1.48	1.74	2.28
65	.90	.90	.61	4.76	.82	.58	1.02	.58	.77	1.65	1.06	1.00	4.76
66	.81	1.42	1.09	.76	1.72	.51	.89	1.77	1.47	.55	2.94	.94	2.94
67	1.07	.85	1.34	.68	.26	.44	1.00	2.20	1.47	1.30	2.76	2.03	2.20
68	1.63	1.06	.58	1.03	.42	.86	.59	.45	1.07	1.06	.83	2.44	2.44
69	1.26	.74	.43	1.10	1.33	.44	.26	1.00	1.91	.52	.90	1.01	1.91
70	.84	.57	.65	1.02	.64	.93	.57	.72	.62	.70	1.03	1.41	1.41
71	.90	.35	1.74	1.21	.65	1.23	.65	.51	2.76	2.65	1.54	2.50	2.76
72	.93	.70	.54	.95	.72	.60	.39	1.19	1.34	2.05	1.94	1.37	2.05
73	.59	1.12	1.01	.91	.29	.51	.55	1.14	1.39	1.47	2.22	1.69	2.22
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 60 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
PRECIPITATION

FROM DAILY OBSERVATIONS

7 4540 ADAK NAS AK 44-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	.99	.86	.56	.81	1.23	.32	1.49	1.70	1.73	.78	1.92	.72	1.92
75	.80	.82	1.35	1.57	.66	.34	1.02	1.46	.92	1.14	1.51	1.27	1.57
76	1.14	.40	.93	.42	.66	.62	.65	.59	1.55	1.22	.87	1.32	1.55
77	.44	.40	.64	.57	1.81	.81	.45	.88	.54	1.48	.59	1.53	1.81
78	.56	.95	.85	.82	.67	.60	.39	.72	1.30	.92	2.10	1.00	2.10
79	.93	.93	.78	.83	1.30	.62	.58	1.30	1.01	1.08	.79	.79	1.30
80	1.05	.58	.89	1.21	.36	.69	.68	1.07	1.13	.85	1.13	1.07	1.21
81	.62	.38	.54	.65	.29	.01	.48	1.35	.92	.77	1.53	.94	1.53
82	1.91	1.73	1.53	.29	.50	1.10	2.37	.57	1.58	1.14	1.27	.65	2.37
MEAN	1.270	1.037	1.128	1.054	.952	.867	.815	1.035	1.465	1.355	1.434	1.616	2.485
S D	.813	.584	.596	.805	.789	.575	.499	.577	.712	.607	.603	.890	.966
TOTAL OBS	1209	1132	1209	1170	1209	1170	1209	1209	1173	1236	1169	1239	14241

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

...4540 STATION AUA... NA... AK STATION NAME 44-72 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
44	2.52	5.13	1.52	2.47	.74	1.07	2.01	5.73	2.17*	5.24*	9.09	6.08	*43.77
4	2.18	2.97	3.53	2.15	1.77	.42	1.77	3.26	3.05	7.19	3.17	4.79	36.25
46	4.7	5.24	4.11	5.00	1.33	2.54	2.36	2.89	3.99	5.64	3.85	6.81	46.56
47	7.78	3.82	3.54	3.91	4.68	1.50	2.09	5.79	3.28	7.46	10.23	9.86	63.35
4	11.36	6.87	7.42	1.93	2.79	1.73	3.34	5.86	7.07	6.56	11.34	7.41	72.98
4	11.29	7.53	9.81	3.83	4.90	3.07	5.27	5.75	6.35	7.2	8.03	12.96	95.99
5	3.95	2.63	3.36	3.39	3.21	2.09	2.44	6.36	8.02	5.03	2.66	7.17	50.31
51	6.43	9.57	4.66	7.18	4.52	2.51	3.53	3.00	2.92	9.54	8.66	11.30	73.84
52	5.23	5.58	7.53	2.87	6.24	9.37	3.43	1.80	4.35	10.14	13.72	2.53	72.84
53	8.93	6.79	9.57	6.89	.31	4.39	.80	5.95	5.49	6.39	12.92	4.56	78.99
54	5.71	7.56	13.31	2.16	16.15	5.62	4.79	4.52	6.99	.20	6.12	13.58	92.66
55	14.46	5.94	4.13	5.69	5.60	3.20	5.11	2.10	5.16	13.25	11.59	11.16	87.42
56	3.93	6.92	11.99	5.03	6.85	4.34	4.36	9.65	10.70	3.81	5.51	5.46	82.57
57	11.14	4.37	6.89	8.69	6.75	6.79	1.23	2.71	5.22	7.08	4.45	8.78	73.44
58	6.71	2.76	8.31	5.22	5.69	3.74	3.07	1.57	7.47	11.22	11.19	9.60	76.55
59	3.13	7.15	7.09	3.18	5.25	3.80	2.50	4.45	7.42	7.15	7.24	4.62	63.68
60	4.35	2.79	2.55	2.31	3.29	1.43	3.07	2.97	2.52	5.31	2.94	3.84	37.37
61	5.74	2.81	2.33	2.26	2.82	2.96	4.96	2.40	4.73	6.85	8.71	4.91	51.40
62	5.35	6.44	9.66	1.70	1.96	4.07	2.27	3.95	2.71	8.09	6.14	5.34	57.59
63	5.3	1.97	8.67	3.79	5.96	3.52	2.17	.98	4.50	6.10	6.78	10.16	59.92
64	4.30	6.10	7.1	6.87	1.12	2.57	2.15	3.68	11.30	5.87	7.12	8.65	66.76
65	4.80	9.67	5.86	10.17	3.05	3.16	3.88	2.39	5.37	6.66	8.18	6.96	66.15
66	5.51	8.21	2.57	4.43	5.76	1.36	2.16	6.72	3.76	3.02	11.65	6.72	61.87
67	7.69	5.05	5.65	4.75	.64	1.61	6.10	5.26	6.01	7.81	9.57	9.64	69.80
68	8.89	3.75	3.67	4.99	1.34	1.91	2.37	2.49	3.10	4.95	6.65	8.09	52.20
69	10.26	5.26	4.28	4.19	3.19	2.04	1.22	4.53	6.77	4.20	7.40	4.16	57.62
70	6.10	3.76	3.39	6.25	1.55	1.92	2.81	4.75	3.07	7.83	4.81	7.26	54.20
71	3.67	2.07	6.92	3.60	2.54	2.50	3.41	2.25	6.81	5.47	13.56	9.75	66.15
72	6.20	2.94	3.43	2.56	.01	3.02	2.36	3.80	7.66	8.71	9.15	8.21	61.17
73	2.71	5.91	6.24	2.79	2.76	2.95	2.74	5.31	7.83	4.60	8.67	8.01	59.65
MEAN													
S D													
TOTAL OBS													

NOTE * (ASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

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

EXTREME VALUES
MONTHLY PRECIPITATION
FROM DAILY OBSERVATIONS

...4340 STATION ADAK NA - AK STATION NAME 44-22 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
74	5.5[illegible]	3.78	[illegible]	5.89	5.37	1.63	4.66	7.34	4.57	3.02	9.89	6.71	62.2[illegible]
75	4.[illegible]	2.94	5.56	4.34	3.82	1.7[illegible]	2.64	[illegible].24	2.95	5.73	7.26	6.4[illegible]	51.71
76	5.2[illegible]	1.97	3.89	3.34	2.6[illegible]	1.52	3.56	3.81	4.56	7.49	5.60	6.76	[illegible]0.40
77	3.5[illegible]	[illegible].81	4.[illegible]5	2.91	3.71	2.6[illegible]	1.96	4.50	3.68	6.[illegible]7	4.98	5.97	46.6[illegible]
7	4.[illegible]1	4.44	3.99	3.93	3.37	3.17	1.84	2.9[illegible]	3.39	6.23	11.50	[illegible].19	57.05
7[illegible]	6.75	4.72	5.53	6.64	3.22	3.[illegible]4	2.86	5.[illegible]7	4.26	10.01	6.06	6.53	64.69
[illegible]	5.[illegible]4	3.[illegible]3	6.44	4.36	3.53	3.46	1.66	5.34	4.55	5.66	9.36	5.9[illegible]	59.75
81	3.2[illegible]	3.5[illegible]	3.[illegible]2	3.[illegible]7	1.56	[illegible].0[illegible]	1.1[illegible]	3.37	2.82	4.56	8.76	5.91	43.76
[illegible]2	9.3[illegible]	[illegible].52	6.67	1.3[illegible]	3.17	3.74	4.92	4.53	6.21	4.[illegible]9	8.34	4.18	[illegible]2.51
MEAN	[illegible].11[illegible]	4.79*	5.71*	4.29*	3.[illegible]82	2.867	2.950	4.256	5.200	6.636	7.915	7.415	62.521
S D	2.[illegible]3[illegible]	1.885	2.712	1.962	2.[illegible]45	1.71[illegible]	1.283	1.782	2.167	2.185	2.820	2.500	13.140
TOTAL OBS	[illegible]	1102	1209	1170	1209	1170	1209	1209	1170	1206	1169	1209	14241

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM [illegible] 0-88-5 (OLA)

CL EAL CLIMATOLOGY BRANCH
USAFETAC
AI EATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS)

7-45AD STATION ~~ADAK NAS AK~~ STATION NAME ~~46-62~~ 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	2.6	25.1	16.7	17.4	6.8	3.7	2.2	1.	.3	.1						45.3	1147	19.3	48.1	2.2
FEB	18.3	25.9	2 .3	20.7	7.6	3.2	1.	1.7	.6							55.6	1045	19.8	51.6	.6
MAR	10.9	29.2	2 .0	18.0	7.1	3.1	1.7	1.2	.6		.1					51.9	1147	19.5	56.9	.8
APR	1.9	33.3	16.3	12.9	3.8	.7	.6	.5	.2	.1						35.1	1110	9.5	31.2	TRACE
MAY	69.6	21.7	3.9	3.9	.7	.2										8.7	1147	1.8	7.3	.0
JUN	8.7	1.3															1110	TRACE	TRACE	.0
JUL	100.0																1147	.0	.0	.0
AUG	9.9	.1															1147	TRACE	TRACE	.0
SEP	7.7	2.1		.1	.1											.2	1110	.1	2.6	.0
OCT	71.9	20.4	3.7	2.9	.7	.3	.1									7.7	1147	1.7	7.7	TRACE
NOV	38.2	28.3	12.6	11.9	5.6	.9	1.4	1.	.2							33.5	1110	11.4	30.0	TRACE
DEC	25.1	28.3	13.4	18.7	7.6	3.7	1.4	1.0	.8							96.6	1147	19.0	40.2	2.0
ANNUAL	58.3	18.0	8.9	8.9	3.3	1.3	.9	.5	.2	.0	.0					24.0	13514	00.1		

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

7 4540 ADAK NAS AK 46-82
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
46	2.0	5.0	6.3	4.9	TRACE	.0	.0	.0	.0	TRACE	5.0	2.0	6.3
47	2.0	5.1	.3	2.2	1.0	.0	.0	.0	.0	TRACE	TRACE	.0	8.2
48	7.0	1.7	6.9	TRACE	2.1	.0	.0	.0	TRACE	.2	5.3	2.5	7.0
49	2.7	2.0	6.2	9.1	TRACE	.0	.0	.0	TRACE	TRACE	1.1	3.0	9.1
50	2.2	3.7	1.5	2.8	1.5	.0	.0	.0	.0	TRACE	1.6	1.8	3.7
51	5.7	2.3	1.8	1.6	TRACE	.0	.0	.0	.0	TRACE	.4	2.1	5.7
52	1.0	5.0	17.0	2.7	TRACE	TRACE	.0	.0	.0	TRACE	3.8	2.0	17.0
53	3.3	6.1	9.0	2.2	1.5	.0	.0	.0	.0	TRACE	1.3	4.0	9.0
54	4.5	2.2	2.8	TRACE	.5	.0	.0	.0	.0	.2	4.4	6.7	9.2
55	4.5	4.5	4.3	5.0	1.6	.0	.0	TRACE	.0	1.5	1.1	2.3	5.0
56	1.2	3.4	6.3	7.7	.5	.0	.0	.0	.0	2.7	3.0	3.3	7.7
57	1.0	3.3	3.4	15.4	TRACE	.0	.0	.0	.0	TRACE	2.1	6.2	15.4
58	10.6	3.1	1.7	4.6	.4	.0	.0	.0	1.0	1.7	5.8	10.6	
59	1.9	1.8	8.3	1.4	.4	.0	.0	.0	1.0	2.0	5.2	8.3	
60	2.2	3.0	7.1	2.4	1.6	.0	.0	.0	1.3	2.9	3.8	7.1	
61	4.1	3.6	3.2	.7	TRACE	.0	.0	.0	.1	3.7	6.2	6.2	
62	4.6	3.4	5.3	1.8	1.7	.0	.0	.0	1.8	1.6	4.8	5.6	5.6
63	1.0	2.7	5.1	2.0	1.1	TRACE	.0	.0	.0	1.9	1.7	3.6	5.1
64	3.3	5.3	4.3	4.4	1.6	.1	.0	.0	TRACE	3.6	5.8	2.7	5.8
65	2.9	4.6	3.1	2.4	1.4	.0	.0	.0	.0	TRACE	5.8	2.3	5.8
66	2.0	4.3	3.8	2.2	1.3	.0	.0	.0	.0	1.0	.1	3.6	8.6
67	7.0	8.2	3.5	2.0	.0	.0	.0	.0	.0	.5	7.1	5.4	8.2
68	2.7	2.3	4.2	2.5	1.0	.0	.0	.0	TRACE	3.2	4.0	4.4	4.4
69	2.4	6.5	4.0	6.4	3.3	TRACE	.0	.0	.0	.2	4.9	10.1	10.1
70	6.1	5.0	3.4	3.7	TRACE	.0	.0	.0	.0	.1	.9	3.9	6.1
71	2.3	1.7	3.0	2.9	1.0	TRACE	.0	.0	.0	TRACE	1.8	2.7	3.0
72	4.1	.3	2.0	.6	.2	.0	.0	.0	TRACE	TRACE	1.7	8.4	8.4
73	3.3	3.5	3.4	1.8	.7	TRACE	.0	.0	TRACE	2.0	.2	3.3	3.8
74	4.4	6.1	3.0	3.6	.7	TRACE	.0	.0	TRACE	1.0	2.2	7.2	8.1
75	4.6	3.1	9.6	1.1	2.9	TRACE	.0	.0	TRACE	.7	2.2	4.3	9.6
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

[redacted] STATION ADAK NAS AK 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
76	4.1	2.7	4.6	2.3	.5	[illegible]	.0	.0	TRACE	.8	4.0	3.8	4.6
77	2.[illegible]	[illegible].9	5.[illegible]	2.4	.9	[illegible]	[illegible]	[illegible]	[illegible]	2.[illegible]	2.1	3.[illegible]	5.8
78	4.4	6.9	1.8	1.7	1.[illegible]	[illegible]	.0	.0	.0	1.6	3.6	5.0	6.9
79	9.[illegible]	3.6	4.7	2.3	.6	[illegible]	[illegible]	.0	TRACE	TRACE	5.3	3.3	9.3
80	4.0	[illegible].1	0.6	3.5	1.0	TRACE	.0	.0	TRACE	TRACE	4.9	6.6	6.6
81	6.2	2.0	4.0	.8	2.4	[illegible]	.0	.0	.0	1.7	3.6	3.0	6.2
82	4.0	1.4	4.4	.8	.6	[illegible]	.0	.0	TRACE	1.[illegible]	7.2	5.0	7.2
MEAN	3.95	[illegible].[illegible]	[illegible].75	3.[illegible]	.95	TRACE	[illegible].00	TRACE	[illegible].0[illegible]	.86	3.02	[illegible].52	7.42
S D	2.13[illegible]	2.023	2.962	2.865	.839	.000	.000	.000	.296	1.310	1.937	2.120	2.840
TOTAL OBS	1152	1095	1147	1110	1187	1110	1187	1187	1110	1147	1110	1187	13518

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

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

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

...4 40 ADAK NAF AK — 46-82
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
4	24.3	32.8	22.5	7.5	PACE	...	...	...	.0	TRACE	4.1	2.6	93.2
4	15.6	25.7	.8	5.8	1.0	...	...	...	.0	TRACE	TRACE	...	75.2
4	32.8	6.2	15.3	TPACE	...3	.0	.0	.0	TRACE	.3	15.3	12.6	84.7
4	14.7	8.2	19.5	12.1	TRACE	...	.0	...	TRACE	TRACE	2.0	7.7	64.2
...	2.2	11.0	11.4	6.1	4.6	...	.0	.0	.0	TRACE	2.8	5..	43.3
1	7.3	7.0	9..	4.4	PACE	...	.0	.0	.0	TRACE	.6	6.6	35.3
2	3.5	22.0	50.9	11.5	TPACE	TRACE	.0	.0	.0	TRACE	1..7	14.2	126.8
3	11.4	40.6	18.5	5.3	1.6	...	.0	.0	.0	TRACE	3.1	23..	103.7
4	16.2	23.1	5.3	TRACE	.8	.0	.0	.0	.0	3.1	1..7	18.1	82.3
5	47.1	15.8	12..	13.0	4.1	...	..	TRACE	.0	2..	2.5	10.3	107.6
5	7..	11.6	35.9	23.4	.6	...	.0	.0	.0	3.0	1..6	18.6	113.9
5	2.3	20.7	17.2	31.2	TPACE	...	.0	.0	.0	TRACE	13.1	36..	121.3
5	48.1	9.1	1..0	12.2	.6	...	.0	.0	..	1.2	7.4	19.7	109.3
5	6.1	10.2	32.5	5.4	.8	...	.0	.0	.0	1.5	...0	25.6	91.1
5	13.7	17.2	9.0	12.9	2.0	.8	.0	.0	.0	4..	14.7	21.8	96.1
7	3..6	11.6	17.6	1.1	TRACE	...	.0	.0	.0	.1	1..4	17.3	96.7
8	14.0	16.0	26.5	4..	1.8	...	..	..	2.8	4.3	25.5	14.1	109..
8	...3	7.0	11.6	4.7	1.6	TRACE	.0	...	.0	4.6	8.1	17.2	80.3
8	27.4	51.6	2..5	22.7	2.9	.0	.0	.0	TRACE	6.4	30.0	9.4	170.9
8	14.3	27.6	24.1	6..	2.5	...	.0	...	.0	TRACE	9.9	14.3	98.7
8	..0.0	27.3	13.2	3.9	2.4	.0	.0	.0	.0	1.6	.1	28.6	97.1
87	32.3	34.8	12..	4.3	.0	.0	.0	.0	.0	.7	16.1	29.1	129.3
8	6.7	12.7	17.9	14.9	2.4	...	.0	.0	TRACE	7.7	2..0	13.4	101.7
9	..0.1	37.3	2..4	22.8	6.7	TRACE	...	.0	.0	.4	21.6	32.1	169.4
9	32..	23.4	16.1	8.5	TRACE	.0	.0	.0	.0	.1	3.6	18..	102.3
91	7.8	1..5	1..8	1..4	7.3	TRACE	...	.0	.0	TRACE	3.4	13.2	71.4
9	15.4	.6	8.6	1.0	.3	.1	..	.0	TRACE	TRACE	9.3	27.4	62.6
9	7.4	21.2	17.2	...3	1.7	TRACE	...	.0	TRACE	4.6	.2	28.2	88.8
94	13.6	2..3	13.9	12.8	.9	TRACE	...	.0	TRACE	1.0	5.6	40.2	108.3
9	13..	12.9	43.7	3.1	4..	TRACE	...	.0	TRACE	1.5	...0	15.0	101.7
MEAN													
S D													
TOTAL OBS													

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 66 0-88-5 (OLA)

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

2

EXTREME VALUES
MONTHLY SNOWFALL
FROM DAILY OBSERVATIONS

...46 A--AK NA... AK
STATION STATION NAME

46--82
YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	19.3	12.8	21.5	21.2	.5	..	.0	.0	TRACE	3.0	23.5	20.8	122.2
77	17.1	25.2	34.2	7.2	1.6	.0	.0	.0	.0	5.1	16.2	17.0	125.4
78	2..	31.6	11.0	6.2	1.9	.0	.0	..	..	1..	6.1	28.9	112.1
79	36..	15.3	15.4	17.2	2.9	..	.0	.0	TRACE	TRACE	21.0	20.6	130.4
80	18..	23.8	43.7	16.8	2.2	TRACE	.0	.0	TRACE	TRACE	16.6	7.6	129.3
81	29..	..3	14.5	1.9	3.1	..	..	..	.0	2.7	16.1	12.5	88.6
..	16.	3.3	13.	3.2	.7	.0	.0	.0	TRACE	1.0	15.2	30.3	83.5
MEAN	1..*	18.82	1..51	9.58	1.80	TRACE	.00	TRACE	..	1.66	11.37	19..2	100.13
S D	11.7	11.312	11.421	7.532	1.785	.004	.000	.000	.960	2.091	8.276	9.039	28.717
TOTAL OBS	1147	1145	1147	1115	1147	1111	1147	1147	1115	1147	1110	1147	13519

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 66 0-88-3 (OLA)

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
(FROM DAILY OBSERVATIONS) SNOW DEPTH

~~745[illegible]~~ STATION ~~ADAK NAS AK~~ STATION NAME ~~43-43, 52-82~~ YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PREC P	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	1 01-2 50	2 51-5 00	5 01-10 00	10 01-20 00	OVER 20 00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0 1-0 4	0 5-1 4	1 5-2 4	2 5-3 4	3 5-4 4	4 5-6 4	6 5-10 4	10 5-15 4	15 5-25 4	25 5-50 4	OVER 50 4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	27.6	16.8	13.5	11.0	7.7	12.5	9.1	2.3						55.6	1054			
FEB	19.7	25.[illegible]	11.8	9.8	9.6	11.2	8.6	4.0	.1					55.3	988			
MAR	40.	25.1	8.8	7.5	6.1	8.1	1.8	1.5	.3					34.1	1085			
APR	71.4	26.2	5.4	1.6	.7	.7								6.4	1050			
MAY	96.3	3.7													1085			
JUN	100.0														1080			
JUL	100.0														1147			
AUG	100.0														1147			
SEP	100.0														1110			
OCT	95.7	3.6	.6	.1										.7	1146			
NOV	86.6	17.2	6.8	3.7	2.[illegible]	2.9	.6							16.2	1090			
DEC	37.	20.9	11.4	7.8	6.9	10.9	4.9	.2						42.1	1116			
ANNUAL	71.3	11.0	4.8	3.5	2.8	3.9	2.1	.7	.[illegible]					17.7	13098			

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

CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

4540 ADAK NAS, AK 43-45, 52-82
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44	*	14	2	1	TRACE							4	
45	7	4	7	TRACE							2	3	7
46	11	18	8	TRACE	TRACE						3	1	18
47	4	11	1	TRACE	TRACE						TRACE		11
48	9	7			TRACE						2	3	9
52											2	7	
53	16	5	6	1							2	6	16
54	9	8	9	TRACE	TRACE					TRACE	11	7	11
55	6	6	4	1						TRACE	TRACE	3	6
56	4	2	6	2						TRACE	3	3	6
57	1	3	3	TRACE							3	5	5
58	15	3	4	1	TRACE					TRACE	1	9	15
59	4	5	7	1	TRACE					TRACE	5	8	8
60	4	5	5	2	TRACE					TRACE	2	4	5
61	19	1	3	TRACE						TRACE	4	6	19
62	7	3	1							TRACE	5		7
63	1	2	2	TRACE						TRACE	1	3	3
64	7	26	30	TRACE	TRACE					1	6	7	30
65	6	6	4	1							3	6	6
66	7	7	1	2						TRACE	TRACE	4	7
67	3	6	2								TRACE	7	7
68	1	4	4	3						TRACE	5	2	5
69	4	8	6	TRACE	TRACE						5	8	8
70	16	14	4	1							TRACE	5	16
71	3	4	4	TRACE	TRACE						1	5	5
72	7	1	4	TRACE	TRACE						6	9	9
73	4	4	1	2	TRACE					2		10	10
74	1	11	2	1						TRACE	1	15	15
75	13	8	6	4	TRACE					TRACE	3	4	13
MEAN													
S D													
TOTAL OBS.													

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

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

2

EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

[illegible]4[illegible] STATION A[illegible]AK NA[illegible] AK STATION NAME 43-46, 52-87 YEARS

DAIL[illegible] SNOW DEPTH IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
76	[illegible]	8	1[illegible]	5	TRACE	[illegible]	0	0	0	1	3	11	11
77	[illegible]	17.	17.	4.	TRACE	[illegible]	[illegible]	[illegible]	0	TRACE	6.	6.	17.
7[illegible]	[illegible]	19	10	2	TRACE	0	0	[illegible]	[illegible]	0	TRACE	[illegible]	19
7[illegible]	1[illegible]	4.	3.	1.	TRACE	[illegible]	0	[illegible]	0	[illegible]	7.	5.	1[illegible]
[illegible]	1[illegible]	7	5	2	TRACE	[illegible]	0	0	0	TRACE	6	[illegible]	17
8[illegible]	[illegible]	5.	2.	TRACE	TRACE	[illegible]	[illegible]	[illegible]	0	TRACE	1.	4.	6.
8[illegible]	0	TRACE	1	1	TRACE	[illegible]	0	[illegible]	0	0	2	[illegible]	[illegible]
MEAN	[illegible]7.0	[illegible]7.1	[illegible]3.3	[illegible]1.1	TRACE	[illegible].1	[illegible].0	[illegible].[illegible]	[illegible].[illegible]	[illegible].1	2.5.	5.[illegible].	1[illegible].9
S D	4.939	5.756	5.423	1.314	.000	.000	.000	.000	.000	.395	2.553	3.000	5.793
TOTAL OBS	1054	988	1085	1050	1085	1284	1147	1147	1113	1186	1090	1116	13098

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 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."

C

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

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

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

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

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

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

2

...L CLIMATOLOGY BRANCH
...ETAC
...FATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

...4540 ADAK NAS AK — STATION / STATION NAME — 47-82 — YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
47												ENE 76	
48	SE 60	SE 51	NW 70	SSW 47		63W	*41	S	*42S	70W	NNW 77	S	77
49		W 61	W 60	70	42S	47S	31WSW	49S	52S	46SSW	68W	*53	
50												SE 76	
51	W	66	W 78	S	62SE	55W	48NW	46SS	50S	52S	SW	78SSE	55S	78	W 73
52	SS	66	SSW 105	S	79WSW	62W	51SE	57NW	64WS	67ESE	48S	95S	76S	76	SS 105
53	SE	SW	E 65		7 SSE	75WSW	*82SSE	56S	47WSW	58S	69W	NW 71	WNW 80	SS	77	W 80
54			66	S	109SSW	81W	W 70E		46S	58WSW	50E	50N	46SS	67WS	76	S 109
55	SW	72SS	63	SW	60WSW	76S	67SE	58SW	60NW	60SS	65SW	80SSW	72SW	76	W 80
56	W	72S	70	S	70S	90S	70ESE	51WSW	44NNW	55S	98SW	60SS	73SS	76	SW 98
57		80S	57	W	60SSW	76SS	48S	56W	46ENE	34NNE	55NNW	57ESE	55WSW	66	S 80
58		61	ESE 59	ESE	89W	84W	W 69S	54W	50WSW	60N	65W	82SSE	89SE	64	ESE 89
59	NE	61	SE 70	SW	74W	69S	60W	43NNW	59WSW	49ESE	63ESE	67W	49SW	73	SW 89
60	SS	72	SSE 71	SW	79N	42W	SW 53	NNE	41W	41SE	49SSW	61WNW	70SW	85ESE	59	SW 85
61	SS	60	SSE 47	WNW	60W	70S	61W	42S	56WSW	47WSW	53SW	74SW	101NE	55	S 101
62		70	SE 66	NW	79WSW	70S	62SSW	60W	27SW	47W	59SSW	55S	55NNW	63	WNW 79
63		47	E 47	75	73SSW	56SSE	54NNW	43SW	56WSW	41W	62SW	56W	54SSE	65	SSW 73
64	S	44	S 62	W	59SE	57NNE	*53SSW	50SW	46SSE	55W	*62S	62SSW	90SE	91	SSW 90
65		SE 44	S	54	NW	41S	*49NNW	*43WNW	44SE	*49SSW	58NNW	37WNW	*85SW	72WSW	64	WNW *85
66	NW	69	S	74W		41W	51S	W 59	NNE 37	SW	34SW	50WNW	47SW	47S	56SW	53	SW 74
67		W	74	S	69	E	55SW	47W	31NNE	35WSW	45N	44NW	67W	51SW	60S	54	WNW 74
68		SE	51	ESE	66		49WNW	48WNW	47SW	33SW	32NNE	41NNE	44NNW	60WNW	40SS	W 59	ESE 66
69			76	S	72SE		48NW	68NW	49W	33W	33SW	32W	47NNW	47SW	69W	50	S 76
70		SW	30	E	37S	W	46SW	+90N	*34WSW	43SSW	43SW	57WNE	44WNW	59SW	71NNW	62	SW *90
71		SE	61	23/	45	32/	56	21/	32	17/	42	22/	37	27/	64	16/	46	18/	51	21/	63	18/	63	27/	64
72		27/	59	15/	39	12/	54	27/	49	26/	42	24/	38	12/	31	27/	40	27/	47	20/	57	16/	47	27/	59
73		22/	62	14/	62	22/	51	17/	58	26/	41	7/	32	20/	42	20/	53	20/	61	20/	61	21/	74	21/	74
74		9/	37	12/	45	29/	42	29/	39	26/	55	33/	32	21/	44	30/	52	18/	49	15/	40	32/	66	7/	54	32/	66
75		18/	54	23/	54	13/	63	30/	5	1/	50	27/	45	25/	36	24/	41	24/	59	21/	74	22/	76	22/	76
76		22/	56	24/	58	17/	55	29/	86	28/	48	7/	41	27/	39	23/	54	29/	76	23/	54	3/	53	14/	60	29/	86
MEAN																									
S D																									
TOTAL OBS																									

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

GLOBAL CLIMATOLOGY BRANCH
FETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

4340 ADAK NAS AK — STATION / STATION NAME

47-82 — YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77	5/ 47	24/ 78	26/ 70	16/ 54	23/ 63	25/ 36	23/ 46	13/ 41	22/ 43	28/ 95	23/ 59	16/ 72	28/ 95
7	11/ 52	1/ 42	26/ 48	22/ 46	23/ 56	22/ 45	24/ 42	21/ 72	22/ 54	22/ 83	12/ 84	25/ 75	10/ 84
79	23/ 69	36/ 53	16/ 7	20/ 76	19/ 56	23/ 42	22/ 38	25/ 46	31/ 53	29/ 66	22/ 74	1/ 72	20/ 79
80	22/ 51	11/ 47	29/ 53	4/ 50	29/ 54	23/ 52	2/ 41	22/ 76	36/ 45	1/ 47	21/ 68	13/ 66	22/ 76
81	2/ 41	5/ 51	26/ 67	22/ 45	29/ 45	23/ 40	21/ 33	24/ 42	36/ 41	22/ 60	16/ 58	13/ 67	26/ 67
82	15/ 46	23/ 71	20/ 76	22/ 54	1/ 49	15/ 49	26/ 42	21/ 49	18/ 47	16/ 57	29/ 74	28/ 65	20/ 76
MEAN	50.1	59.8	54.0	58.4	54.0	48.7	44.1	51.3	55.3	63.6	67.9	65.4	60.4
S D	12.045	13.699	15.137	13.310	11.111	8.676	9.211	9.816	12.264	13.532	13.716	8.582	12.326
TOTAL OBS	1047	956	1050	1011	1026	1013	1016	1051	1112	1049	1014	1076	12321

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AM 64 0-80-5 (OLA)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4940 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JAN (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	.7	1.4	2.4	1.5	1.4	.1						7.6	10.3
NNE	.2	2.0	2.1	3.3	1.4	1.5	.5	.2				11.2	14.1
NE	.7	.7	1.1	2.2	.2	1.0	.3					5.9	11.2
ENE		.2	1.6	3.2	1.7	.7	.2					7.9	14.4
E	.3	.9	1.1	2.8	1.2	.9		.1				7.2	13.9
ESE	.3	.7	.4	.8		.1						2.3	9.4
SE	.3	.2	.3	1.1	.2	.1	.2					2.5	13.3
SSE	.4	.5	.8	.9	.3	.2						3.2	10.7
S	.5	.5	1.2	1.5	.6	.5	.3					5.5	13.0
SSW	1.2	.4	.8	1.5	.7	.1		.3				4.8	12.3
SW	.4	.9	.8	2.3	.4	.5		.3				6.0	12.7
WSW	1.2	1.5	1.5	2.2	1.3	.3	.1					8.6	11.6
W	.1	1.3	1.7	1.8	.5	.4	.2					6.2	12.1
WNW	.1	.2	.4	.7	.4	.2						2.6	11.4
NW	.2	.4	1.0	.5								2.2	8.2
NNW	.3	.5	1.3	.7	.1	.2						3.2	10.1
VARBL													
CALM												13.3	
	7.2	13.4	18.5	26.6	10.9	7.3	2.0	1.0				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 920

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

SURFACE WINDS

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

7...40	ADAK NAS A...	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL ...EAT...E...
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	.9	2.1	2.2	2.1	1.[illegible]	.4						8.3	1[illegible].3
NNE	.5	2.3	2.1	3.0	.9	1.6	1.[illegible]					11.4	13.8
NE	.2	.7	1.4	2.[illegible]	.7	.4	.[illegible]	.1				6.7	14.6
ENE		.7	1.1	2.7	2.1	.[illegible]	.3	.1				7.5	15.2
E	.1	.3	2.1	2.3	1.2	1.1						7.1	14.0
ESE	.1	.1	.7	1.0	.3	.1						2.3	12.1
SE	.1	.[illegible]	.4	.2	.7	.[illegible]						[illegible].2	13.6
SSE	.4	.7	.7	1.4	.8	.1						4.0	11.6
S	.[illegible]	1.2	.5	.9	.5	.3	.3					4.6	11.6
SSW	1.1	1.2	1.4	1.3	.8	.5	.1					6.4	1[illegible].6
SW	.7	1.[illegible]	1.5	1.5	.7	.7	.3	.2				6.5	13.3
WSW	.7	.8	1.0	2.4	.5	.3	.1					5.8	11.5
W	.[illegible]	1.1	1.4	2.3	1.1	.9	.3	.2				8.[illegible]	13.5
WNW		.[illegible]	.4	.8								2.1	9.1
NW	.[illegible]	.5	.[illegible]	.3	.[illegible]	.1						2.1	10.[illegible]
NNW	.1	.7	1.0	.5	.2	.3						2.8	11.[illegible]
VARBL													
CALM												12.3	
	[illegible].3	14.6	18.4	25.2	11.6	7.7	3.3	.7				[illegible]0.[illegible]	11.1

TOTAL NUMBER OF OBSERVATIONS 92[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 ADAK NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	1.4	3.2	.4	.[illegible]	.1					8.1	11.8
NNE	1.2	1.9	2.1	2.6	1.4	1.3	.[illegible]					11.4	13.4
NE	.1	.4	1.3	2.3	1.1	.4	.4	.3				6.5	15.5
ENE	.7	.8	1.4	3.3	2.0	1.1	.3					9.6	14.1
E	.1	.[illegible]	1.8	3.6	.7	1.2						7.9	13.4
ESE	.1	.1	.4	.[illegible]	.6	.1						2.2	13.0
SE		.[illegible]	.2	.3	.1	.2						1.2	13.1
SSE		.4	.7	.9	.8	.1						2.9	13.2
S	.7	1.7	1.2	.9	.3	.1		.1				5.0	6.9
SSW	.6	.7	1.1	1.2	.6	.3	.6	.1				5.1	13.5
SW	.5	.8	1.1	1.5	.8	.8	.4					6.2	13.4
WSW	.3	.[illegible]	1.7	1.9	.9	.4		.1				6.2	12.5
W	.5	1.7	1.3	1.9	1.5	.7	.3					7.9	12.7
WNW	.1	.[illegible]	.4	1.1	.2							2.8	10.1
NW	.2	.[illegible]	.6	.7	.2	.1						2.3	9.9
NNW	.1	.4	.6	1.3	.1	.2	.2					3.0	12.9
VARBL													
CALM												11.9	
	5.0	13.6	17.3	27.6	11.7	8.0	3.3	.7				100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.1	2.2	2.3	.[illegible]	.9	.1	.1				[illegible].2	12.1
NNE	.[illegible]	2.2	2.1	2.9	1.1	1.7	.5	.1				11.2	13.5
NE	.[illegible]	1.1	1.4	2.1	.7	.3	.5					6.4	13.3
ENE		.7	2.[illegible]	2.4	2.6	.9	.1		.1			[illegible].7	15.0
E	.2	.[illegible]	2.2	2.0	1.0	.4	.2					6.6	12.7
ESE	.1	.2	1.[illegible]	1.4	.5	.4	.1					3.8	13.7
SE	.4	.2	.7	.4	.3	.1						[illegible].2	10.1
SSE	.2	.7	.5	.4	.3	.[illegible]						2.8	13.[illegible]
S	.3	1.1	1.[illegible]	2.5	.4	.1	.1					6.2	11.[illegible]
SSW	1.[illegible]	1.3	1.1	1.4	.3	.5	.1					6.1	9.8
SW	.1	.4	1.0	1.2	.7	.9	.4					4.[illegible]	15.3
WSW	.[illegible]	1.6	1.1	1.[illegible]	.3	.[illegible]	.2	.1				[illegible].[illegible]	12.1
W	.[illegible]	1.5	1.6	2.7	1.1	.5		.1				8.2	11.9
WNW	.[illegible]	.4	1.3	.7	.1	.1						2.9	9.3
NW	.1	1.1	.2	.4		.1						2.[illegible]	7.7
NNW		.[illegible]	1.[illegible]	1.1	.5	.4	.1					3.7	13.1
VARBL													
CALM												[illegible].7	
	5.9	14.8	20.9	25.8	10.8	8.9	2.6	.4	.1			[illegible]0.[illegible]	11.3

TOTAL NUMBER OF OBSERVATIONS 918

USAF ENVIRONMENTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25540	ADAK NAS AK	73-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.0	1.2	2.5	.9	.7	.1					7.2	12.5
NNE	.4	1.0	1.8	3.0	1.6	1.3	.4					10.3	13.4
NE	.3	1.1	1.4	2.1	1.2	1.1	.7					7.9	14.7
ENE	.3	.7	2.1	2.6	1.8	.7		.2	.1			8.4	14.2
E	.4	.5	1.6	2.5	1.3	.8	.2					7.2	13.2
ESE		.2	1.0	1.1	.7	.1	.2					3.4	14.0
SE	.3	.3	.4	.2	.2	.2						1.6	11.5
SSE	.2	.2	.5	.3	.2	.9						3.5	13.0
S	.2	2.0	1.9	2.7	1.0	.2						8.5	12.5
SSW	.3	1.1	1.6	1.1	.5	.8	.4	.1				6.0	13.4
SW	.2	.9	1.6	1.8	.5	.2	.3	.2				6.2	12.5
WSW	.3	1.4	1.6	1.9	1.2	.2	.5					7.9	13.2
W	.3	1.2	1.4	2.4	1.4	.4		.1				7.2	12.9
WNW	.4	.2	.2	.5	.2							2.5	8.3
NW		.1	.2	1.0	.1	.1						2.0	12.9
NNW		.2	1.1	2.2	.7	.2	.1					4.5	13.4
VARBL													
CALM												5.8	
	3.1	15.0	20.7	27.4	14.0	8.2	3.1	.7	.1			100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 914

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

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	2.5	2.2	.5	.5	.2					7.9	11.3
NNE	.7	1.3	2.[illegible]	3.1	1.6	1.9	.5					11.1	14.3
NE	.4	1.0	2.2	2.2	1.5	1.3		.3				9.0	14.2
ENE	.[illegible]	.5	1.4	2.4	1.6	.3		.2	.1			6.9	14.4
E	.[illegible]	.5	1.8	2.5	1.[illegible]	.[illegible]	.[illegible]					7.4	13.2
ESE	.1	.3	.4	.8	.2							1.9	10.6
SE	.1	.4	.1	.1	.2	.1	.2					1.3	14.3
SSE	.[illegible]	.[illegible]	.3	.4	.1	.2	.1					2.5	9.7
S	.[illegible]	2.[illegible]	1.[illegible]	2.1	.[illegible]	.1						7.6	9.9
SSW	.[illegible]	1.2	1.1	.6	.8	.[illegible]	.2					5.5	12.4
SW	.[illegible]	1.1	1.[illegible]	1.4	.8	.4	.4	.7				6.9	14.7
WSW	.4	.5	.8	2.5	1.[illegible]	.3	.3	.2				6.6	15.0
W	.[illegible]	1.[illegible]	1.4	2.4	.9	.4	.2					6.6	12.4
WNW	.[illegible]	1.[illegible]	.8	.8	.2	.2						3.2	13.2
NW		.[illegible]	1.5	1.[illegible]	.2							3.1	10.0
NNW	.1	.7	1.6	1.9	.5	.1	.1					5.[illegible]	11.6
VARBL													
CALM												7.6	
	5.3	13.[illegible]	21.4	26.6	12.1	8.1	2.6	1.4	.1			100.[illegible]	11.8

TOTAL NUMBER OF OBSERVATIONS 911

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4 4 6	ADAK NAS AK	77-82	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	2.3	2.6	.9	.6	.3					8.4	12.4
NNE	.7	1.9	3.7	4.0	1.3	1.6	.1					13.2	12.5
NE	.4	.4	1.4	1.5	.4	.9	.6	.1				5.8	14.9
ENE	.5	.7	1.7	2.6	1.8	1.1	.1	.1				7.7	14.9
E	.5	1.1	1.2	2.7	1.8	.5	.3					8.2	13.3
ESE	.1	.1	.5	.4		.1						1.3	10.3
SE	.3	.2	.2	.3	.3	.3	.2					1.8	10.2
SSE		.3	.5	.3	.2	.2	.1					1.7	13.6
S	.6	1.3	1.1	1.2	.4	.2						4.5	10.3
SSW	.7	.5	1.1	.6	.4	.8	.5	.1				4.4	15.2
SW	1.3	.5	1.6	1.5	1.0	1.5	.3	.1				7.6	14.3
WSW	.4	.3	1.3	1.7	.8	.7	.5					5.7	12.9
W	.5	.3	1.8	1.7	1.4	.5						7.3	12.4
WNW	.3	1.1	1.2	.5	.1	.1						3.2	9.4
NW	.1	.4	.9	.8								2.0	8.6
NNW	.4	.3	.8	.9	.6	.2						3.8	11.1
VARBL													
CALM												12.3	
	6.5	11.8	20.6	24.0	11.6	9.1	3.2	.4				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 924

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)

7440 — STATION
ADAK NAS, AK — STATION NAME
73-82 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.5	2.7	2.3	.8	.1	.2	.1				8.2	10.5
NNE	.5	2.0	1.6	4.9	2.1	.9	.7					12.4	13.6
NE	.3	.7	.9	2.2	1.9	.4	.4					6.2	13.4
ENE	.1	.3	1.1	2.3	1.2	.3						5.3	13.6
E	.7	1.3	2.1	3.3	1.4	1.3	.4	.2				10.0	14.1
ESE	.1	.3	.6	.4	.2	.1	.1					2.1	11.6
SE	.2	.1	.5	.7	.1	.5						2.2	14.1
SSE	.7	.4	.1	.3	.3	.1	.1	.1				1.8	13.5
S	.3	.9	1.3	1.8	.2	.1	.1	.1				4.8	11.5
SSW	.3	.9	.3	1.0	.9	.9	.1	.1				4.9	13.7
SW	.4	.7	1.1	1.5	.9	.7	.4	.3				6.0	15.2
WSW	1.1	1.5	1.5	2.0	.5	.1	.7					7.5	10.8
W	.4	2.3	1.4	2.3	1.2	.7	.1					8.1	11.8
WNW		1.2	.7	.4	.3	.1						2.7	9.6
NW		.5	.2	.9	.1							1.7	10.7
NNW	.7	.1	1.0	1.3	.3	.3						3.6	10.9
VARBL													
CALM												12.5	
	5.1	14.4	17.3	27.6	11.4	6.3	3.4	1.2				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 919

CL EAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

SURFACE WINDS

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

4540	ADAK NAS AK	73-82	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	.5	1.5	2.1	2.4	.8	.5	.1	.0				9.0	11.5
NNE	.8	1.9	2.2	3.4	1.4	1.5	.6	.2				11.5	13.5
NE	.4	.	1.4	2.1	.8	.7	.5	.1				6.8	14.2
ENE	.3	.5	1.5	2.7	1.0	.7	.1	.1	.0			7.8	14.5
E	.4	.7	1.7	2.6	1.2	.8	.2	.0				7.7	13.5
ESE	.1	.3	.7	.8	.3	.1	.1					2.4	14.2
SE	.2	.3	.4	.4	.3	.2	.1					1.9	13.2
SSE	.3	.6	.5	.6	.4	.3	.1	.0				2.8	12.2
S	.2	1.3	1.3	1.7	.6	.2	.1	.0				5.8	10.8
SSW	.7	.9	1.1	1.1	.6	.6	.3	.1				5.4	12.5
SW	.5	.8	1.3	1.6	.7	.7	.3	.2				6.3	13.9
WSW	.7	1.1	1.3	2.0	.9	.5	.3	.1				6.8	12.4
W	.4	1.3	1.5	2.2	1.1	.6	.1	.1				7.4	12.5
WNW	.2	.4	.7	.7	.2	.1						2.3	9.5
NW	.1	.3	.7	.7	.1	.1						2.2	9.7
NNW	.2	.5	1.0	1.2	.4	.3	.1					3.7	11.8
VARBL													
CALM												10.7	
	5.1	13.9	19.4	26.4	11.9	8.0	2.9	.8	.0			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 7335

GL PAL CLIMATOLOGY BRANCH
...F.TAC
A... WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
7?-8? — YEARS
FEB — 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.?	2.3	3.2	.4	.7	.7					9.3	12.5
NNE	.4	1.1	2.5	4.?	2.?	1.1	.?					11.?	13.6
NE	.?	.5	1.?	.?	1.1	1.1						4.6	14.7
ENE		.	.7	1.2	.7	.6	.1					3.3	14.6
E	.1	.?	1.9	2.5	1.1	.?	.1	.1				7.3	13.7
ESE	.4	.2	.6	1.1	.?	.4						3.2	12.6
SE	.1	.?	.7	.6	.7							2.6	11.7
SSE	.?	.4	.8	1.2	.1	.4	.1					3.2	12.?
S	.?	1.?	1.4	1.2	.1	.4	.1					5.6	9.3
SSW	1.2	.?	.6	1.1	.?	.?						4.6	9.9
SW	.?	.2	1.5	1.1	1.0	.4	.2	.7				6.?	15.2
WSW	.?	.7	1.7	2.?	1.2	.5	.1		.2	.1		7.2	14.5
W	1.1	1.2	1.3	1.2	.7	1.?						6.4	11.1
WNW	.4	1.2	2.?	.?	.?	.1						4.8	9.1
NW	.?	.5	1.5	.6	.2							3.1	9.6
NNW	.?	.2	1.1	1.?	.6	.1						4.3	11.9
VARBL													
CALM												1..2	
	7.2	11.?	21.7	24.6	11.7	7.9	1.8	.8	.2	.1		100.?	11.?

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-6[illegible] — YEARS
FEB — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.6	3.1	2.4	1.2	.2	.2	.1				10.2	12.6
NNE	.2	1.2	2.2	3.3	1.8	1.4	.1					10.6	13.4
NE	.2	.4	.6	1.2	1.2	.8	.1					4.3	14.9
ENE	.2	.2	.8	1.7	1.2	.8	.2					5.3	15.0
E	.2	.2	.6	2.8	1.0	.5	.1					5.7	13.6
ESE		.2	.6	.5	.7	.2		.1				2.8	13.9
SE	.1	.2	1.0	1.3	.1	.1						3.1	11.4
SSE		.1	.7	1.4	.2	.2	.1	.1				3.0	14.9
S	1.2	1.2	1.8	1.3	.2		.2	.1				6.7	9.3
SSW	.7	.7	.6	.4	.5	.1	.2					3.2	10.8
SW	1.0	.5	1.3	1.6	.6	1.0	.5					6.3	13.5
WSW	.5	1.6	1.7	1.3	.6	.4	.5	.1				6.6	12.0
W	.6	1.8	2.8	1.3	1.2	1.0	.1	.1				8.6	11.9
WNW	.1	.2	1.2	.7		.2						3.1	9.5
NW	.4	.4	1.3	1.2	.1		.1					3.5	10.1
NNW	.4	.6	1.2	2.2	.5	.4	.4					5.3	13.0
VARBL													
CALM												12.0	
	8.5	13.5	21.2	24.5	10.4	4.0	3.2	.7				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 836

GL PAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SE VIOL/MAC

SURFACE WINDS

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

7...40 — STATION
ADAK NA... AK — STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
...00-...00 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.[illegible]	1.9	3.2	1.2	.7	.4					1...1	12.1
NNE	.[illegible]	1.2	2.0	2.4	3.[illegible]	1.7						1...3	14.2
NE	.[illegible]	.[illegible]	.[illegible]	1.9	.7	.6	.4					4.9	13.[illegible]
ENE	.[illegible]	.4	1.1	1.3	1.3	.6	.4					[illegible].1	15.6
E		.[illegible]	1.3	1.1	.6	.[illegible]	.4	.1				[illegible].1	14.9
ESE		.[illegible]	.4	.[illegible]	.7		.2					2.[illegible]	15.3
SE	.1	.[illegible]	.[illegible]	1.2	.4	.1						[illegible].4	11.1
SSE	.[illegible]	.[illegible]	.5	1.8	.2							2.2	11.[illegible]
S	.[illegible]	1.[illegible]	1.[illegible]	1.1	.5	.1	.1	.2				[illegible].3	1...1
SSW	1.2	.[illegible]	.4	1.[illegible]	.4	.6			.1			4.4	11.1
SW	1.0	1.0	1.[illegible]	1.2	.7	1.[illegible]	.[illegible]	.1				6.3	13.8
WSW	.[illegible]	1.3	1.[illegible]	1.2	1.1	.6	.4					7.2	11.9
W	.[illegible]	1.8	2.[illegible]	1.7	1.4	.7		.1				9.2	11.3
WNW	.[illegible]	.2	.[illegible]	1.4	.2							2.9	11.3
NW	.1	.[illegible]	.7	.7	.4	.1						2.6	11.1
NNW	.[illegible]	1.[illegible]	1.7	1.8	.1	.2	.7					5.7	12.6
VARBL													
CALM												10.5	
	7.2	14.4	19.5	23.5	12.9	7.9	3.4	.6	.1			[illegible].[illegible]	11.3

TOTAL NUMBER OF OBSERVATIONS 435

L AL CLIMATOLOGY BRANCH
A ETAC
EATHER SERVICE/MAC

SURFACE WINDS

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

4040 ADAK NAS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	1.9	3.8	1.4	.3	.4	.1				10.4	12.9
NNE	.6	1.4	2.3	2.5	2.[illegible]	1.2	.2					10.3	13.0
NE		.1	.[illegible]	2.5	.6	.5	.7	.4				5.6	17.9
ENE		.[illegible]	1.2	1.9	1.1	.5	.2	.1				5.3	15.6
E	.6	.7	1.3	2.[illegible]	.6	.8	.5					6.3	13.8
ESE	.[illegible]	.5	.7	.8	.5	.2		.2				3.6	12.3
SE	.[illegible]	.[illegible]	.5	1.1	.4	.5						3.0	13.2
SSE	.[illegible]	1.[illegible]	1.6	1.[illegible]	.2							3.9	9.5
S	.7	1.[illegible]	1.2	.8	.4	.6						5.6	9.5
SSW	.1	1.[illegible]	.8	1.1	.5	.5		.1				5.6	10.0
SW	.6	.6	1.2	1.6	.7	.7	.2					5.4	13.4
WSW	.[illegible]	.[illegible]	1.4	1.3	1.2	.6	.6	.2				7.3	14.6
W	.[illegible]	1.1	1.4	2.4	.[illegible]	1.1	.4					7.6	13.3
WNW	.4	.4	1.[illegible]	1.0	.2							2.9	9.9
NW	.[illegible]	.[illegible]	.5	.6	.2	.4						2.5	12.0
NNW	.6	.6	.6	1.9	.4	.4	.4					4.5	13.1
VARBL													
CALM												10.2	
	7.0	13.1	19.4	26.3	11.2	5.[illegible]	3.6	1.2				100.0	11.7

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 4540	ADAK NAS AK	73-82	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	.2	1.5	2.3	2.6	2.5	.5	.8					11.5	13.9
NNE	.4	1.3	1.0	3.8	1.7	1.4	.1					9.3	14.4
NE	.3	.5	1.2	1.8	1.1	.9	.5					5.3	14.8
ENE		.3	1.2	1.5	1.5	.5	.2					5.5	14.7
E	.7	.7	1.1	2.5	.4	.6	.6	.1				6.7	13.7
ESE	.4	.5	.5	1.2	.4	.5	.1					3.6	13.5
SE		.3	1.2	.8	.4	.4						3.0	12.2
SSE	.2	1.1	2.0	1.4	.4							5.1	9.2
S	.4	2.3	2.4	1.7	.7	.5	.1					7.7	10.3
SSW	.2	.3	1.3	1.3	.6	.2	.2					3.4	12.2
SW	.4	.1	1.0	1.3	.5	.7	.5	.2				5.2	16.5
WSW	.5	.8	1.2	1.5	1.1	.4	.2	.1				5.8	13.0
W	.3	.8	1.5	3.2	2.1	1.1	.1					9.2	13.9
WNW		.2	1.1	1.4	.4	.5	.1					3.9	13.5
NW	.2	.4	.7	.6	.2	.4						2.5	11.5
NNW	.1	.3	1.3	1.5	.5	.2	.2					4.4	13.1
VARBL													
CALM												6.3	
	4.6	12.1	27.8	29.2	14.3	8.7	3.9	.5				100.2	12.5

TOTAL NUMBER OF OBSERVATIONS 648

G[illegible]RAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible]WEATHER SERVICE/MAC

SURFACE WINDS

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

4540	ADAK NA AK	73-82	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	.4	1.1	1.7	3.3	1.8	.8	.6					9.8	14.4
NNE	.4	1.3	1.3	3.2	2.9	1.[illegible]	.1					10.1	14.1
NE	.[illegible]	1.1	1.3	2.4	1.3	.7	.4	.2				6.2	13.8
ENE	.[illegible]	1.1	1.2	1.4	1.1	.4	.1					5.4	12.6
E	.[illegible]	.7	1.0	2.3	.5	.6	.5	.1				6.1	13.9
ESE	.[illegible]	.5	.4	.[illegible]	.[illegible]	.1						2.5	11.9
SE	.1	.2	1.7	1.2	.8							4.1	11.6
SSE	.1	.7	1.8	1.6	.5	.1						4.8	10.8
S	.[illegible]	1.1	2.0	1.1	.[illegible]	.2						5.5	9.7
SSW	.[illegible]	1.1	1.4	2.[illegible]	.5	.6	.[illegible]					6.1	12.4
SW	.1	.[illegible]	1.0	1.7	.5	.2	.6	.2				4.9	15.8
WSW		.[illegible]	1.3	1.7	.8	.9	.1	.2				5.6	15.1
W	.7	.7	2.[illegible]	2.6	1.[illegible]	.7	.1	.1				8.0	12.7
WNW	.4	1.1	.4	1.7	.8							4.3	11.1
NW	.1	.[illegible]	.8	.7	.5	.[illegible]						3.2	13.3
NNW		1.4	1.5	1.1	1.[illegible]	.4	.2					5.9	12.1
VARBL													
CALM												6.4	
	4.7	13.9	21.1	27.9	14.9	7.2	3.[illegible]	1.0				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 833

DE AL CLIMATOLOGY BRANCH
USAFETAC
AI FATHER SERVICE/MAC

SURFACE WINDS

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

74540 ADAK NAS AK 73-82 FE
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	1.3	1.9	1.4	2.2	1.7	.8	.4	.1				9.5	12.2
NNE	.5	1.2	1.6	3.6	2.5	1.4	.1					11.0	14.1
NE	.3	.3	1.1	1.4	.6	1.4	.2	.2				5.5	16.6
ENE	.2	.5	1.6	1.2	1.7	.4						5.9	12.5
E	.4	.5	1.8	2.9	1.2	.8	.1	.4				7.9	14.4
ESE	.4	.3	.6	1.7	.6	.2						3.7	12.9
SE	.4	.6	.4	1.0	.1	.1						2.5	9.4
SSE	.4	.5	.7	.8	.7	.4						3.5	12.5
S	.7	1.6	1.0	1.1	.4	.3	.1					5.2	9.8
SSW	.6	1.0	1.0	1.0	.6	.2	.1					4.4	10.5
SW	.3	.2	1.8	1.8	.2	.7	.2	.4				5.6	14.9
WSW	.2	.7	.5	1.3	1.3	.7		.1	.1	.1		4.8	15.8
W	1.0	1.3	1.8	2.9	.2	.7	.4					6.2	11.5
WNW	.3	1.1	1.3	1.5	.6	.1						4.3	10.4
NW	.7	1.1	2.2	.6	.1	.1						4.8	7.9
NNW	.4	.7	1.2	2.0	.8	.8						6.3	12.9
VARBL													
CALM												7.4	
	7.9	13.7	19.7	26.3	13.3	8.8	1.7	1.2	.1	.1		100.3	11.8

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)

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.5	2.2	2.5	1.0	.6	.4					9.4	11.0
NNE		1.2	1.9	4.4	2.5	1.3	.2					11.4	14.4
NE	.[illegible]	.4	.5	1.1	1.1	.6	.7					4.6	17.1
ENE	.[illegible]	.4	1.1	1.1	.6	.4	.2					4.0	13.5
E	.[illegible]	.[illegible]	1.9	2.3	.5	1.3		.4				7.2	14.4
ESE	.[illegible]	.1	1.[illegible]	1.1	.4							3.1	10.7
SE		.4	.5	1.6	.2	.2	.1					3.0	13.4
SSE	.2	.[illegible]	.[illegible]	.7	.8	.5						3.7	12.2
S	.3	1.3	1.8	.6	.4	.4						5.3	9.1
SSW	.4	1.4	1.3	.6	.5	.1						4.3	9.2
SW	.4	.[illegible]	1.3	1.6	1.1	.5	.5	.4				6.2	15.3
WSW	1.[illegible]	.4	1.4	1.6	.8	.8	.2		.2			6.5	13.9
W	.[illegible]	1.3	1.7	2.2	.5	.7						7.2	11.1
WNW	.[illegible]	1.0	1.2	1.0	.2	.1						4.[illegible]	9.1
NW	.1	.7	1.2	.2	.6	.2						3.1	11.[illegible]
NNW	.1	.[illegible]	1.4	1.8	.5	.4						4.[illegible]	11.9
VARBL		.1										.1	4.[illegible]
CALM												12.0	
	6.5	12.6	21.4	24.3	11.7	8.2	2.4	.7	.2			100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 232

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

SURFACE WINDS

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

7 4542 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.6	2.1	2.8	1.4	.7	.5	.2				9.7	12.7
NNE	.4	1.2	1.9	3.4	2.3	1.[illegible]	.1					10.6	13.9
NE	.[illegible]	.4	.9	1.6	.9	.6	.4	.1				5.5	15.5
ENE	.1	.[illegible]	1.1	1.4	1.1	.5	.2	.[illegible]				5.[illegible]	14.3
E	.[illegible]	.7	1.4	2.3	.7	.8	.[illegible]	.1				6.5	14.[illegible]
ESE	.[illegible]	.4	.6	1.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]				3.1	12.8
SE	.1	.[illegible]	.8	1.1	.4	.2	.[illegible]					3.1	11.8
SSE	.[illegible]	.[illegible]	1.1	1.2	.4	.2	.0	.0				3.8	11.3
S	.[illegible]	1.6	1.7	1.1	.4	.3	.1	.0				6.0	9.7
SSW	.7	1.0	.9	1.1	.5	.4	.1	.[illegible]	.0			4.8	10.8
SW	.[illegible]	.5	1.3	1.5	.7	.6	.4	.3				5.8	14.7
WSW	.[illegible]	.[illegible]	1.4	1.[illegible]	1.[illegible]	.6	.3	.1	.1	.0		6.4	13.8
W	.7	1.3	1.9	2.2	1.[illegible]	.9	.1	.[illegible]				8.1	12.2
WNW	.[illegible]	.[illegible]	1.1	1.1	.3	.1	.[illegible]					3.8	10.5
NW	.[illegible]	.6	1.1	.7	.3	.2	.0					3.2	10.6
NNW	.[illegible]	.7	1.3	1.8	.5	.4	.2					5.1	12.6
VARBL		.[illegible]										.[illegible]	4.[illegible]
CALM												9.6	
	6.4	13.2	20.5	25.8	12.5	8.2	2.9	.8	.1	.0		100.[illegible]	11.6

TOTAL NUMBER OF OBSERVATIONS 6689

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
MAR — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	1.0	1.6	1.0	.9	.2					6.2	13.5
NNE	.5	1.1	1.5	2.7	.8	.7	.1					7.4	12.1
NE	.1	.3	1.5	1.5	.8	.6	.3	.1				4.7	15.5
ENE	.3	.3	.5	1.2	.7	.5	.1					3.9	13.9
E	.2	.5	1.5	2.3	.3	.2						5.1	11.5
ESE		.3	.7	1.0	.4							2.4	12.2
SE		.1	.3	.4	.7	.2						2.0	14.0
SSE	.1	.1	.5	.8	.5	.4	.1					2.6	14.9
S	1.0	1.1	1.9	1.9	1.3	.4	.2					7.8	11.6
SSW	.7	1.2	2.1	2.0	.4		.8	.3	.2			7.7	13.6
SW	.2	.7	1.6	3.0	2.0	1.4	.6	.7				10.3	17.1
WSW	1.0	.6	1.5	2.7	2.0	2.1	.4	.2				10.8	15.5
W	.7	.3	2.0	2.4	1.3	1.4	.8	.1				9.0	15.6
WNW	.3	.3	.9	.4	.5	.7	.4					3.6	15.6
NW	.3	.5	.8	1.0	.2	.2						3.3	10.1
NNW	.3	.7	1.5	.9	1.0	1.1	.1	.1				5.7	14.6
VARBL													
CALM												7.5	
	6.4	9.8	19.6	25.8	13.9	10.8	4.4	1.5	.2			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4940 (STATION) — OAK NAS, AK (STATION NAME) — 73-82 (YEARS) — MAR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.2	2.4	1.6	.7	.3					7.8	13.4
NNE	1.1	1.4	1.4	2.5	.9	.8	.3	.3				8.7	12.7
NE	.4	.1	.7	1.3	.4	.3	.1					3.4	13.6
ENE		.1	.3	1.1	1.2	.2						3.5	17.4
E	.7	.5	1.2	1.7	.7	.3						4.8	11.9
ESE	.1	.4	.7	1.2	.2							2.6	10.6
SE	.1	.2	.7	.2	.5	.4	.1					2.3	14.9
SSE	.1	.4	1.1	.9	.2		.1					2.8	11.0
S	1.0	.4	1.3	1.4	.7	.3	.1					5.2	11.4
SSW	.7	.3	.9	1.6	1.3	.2	.5	.2				5.8	15.0
SW	.5	.5	1.5	4.8	3.0	1.1	1.2	.3	.1			13.2	16.7
WSW	.4	.7	.8	3.4	2.4	1.4	.5					9.6	15.9
W	.5	.9	1.4	3.0	1.4	2.1	.5					9.9	15.6
WNW	.1	.9	1.2	1.4	1.0	.7	.2					5.4	13.5
NW	.2	.5	1.1	.3	.3	.3		.1				2.9	11.9
NNW		.4	.9	.4	.3	.9	.4					3.4	16.3
VARBL													
CALM												6.7	
	6.3	8.9	16.2	27.7	16.2	10.2	4.6	1.0	.1			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 919

...EAL CLIMATOLOGY BRANCH
AF..TAC
A... ..EATHER SERVICE/MAC

SURFACE WINDS

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

7...4 (STATION) ADAK NAS AK (STATION NAME) 73-82 (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	.3	1.3	2.4	2.2	1.3	.1	.1					8.2	13.9
NNE	.3	1.3	2.[illegible]	2.6	.5	.9	.[illegible]	.4				[illegible].6	14.3
NE	.1	.[illegible]	.3	1.2	.3	1.[illegible]						3.5	14.9
ENE	.[illegible]	.5	1.0	1.4	.4	.7						4.4	12.5
E		.[illegible]	1.2	1.1	.7	.4						3.6	14.0
ESE	.1	.4	.4	.7	.5	.1						2.3	12.4
SE			.7	.7	.2		.1					1.5	13.6
SSE	.1	.2	1.2	.8	.6	.3						3.1	12.1
S	.5	.[illegible]	1.6	1.9	1.2	.2						6.3	11.4
SSW	.5	.5	1.1	4.3	1.2	.8	.2					8.6	13.9
SW	.7	.5	1.3	4.4	1.9	1.4	.[illegible]					10.9	15.2
WSW	.7	.7	1.2	2.3	2.2	1.4	.5	.1				9.1	15.7
W	.5	1.3	1.4	2.2	1.8	1.2	.1	.3				8.9	14.3
WNW	.2	.[illegible]	1.1	1.[illegible]	1.0	.1	.1					4.9	11.7
NW	.[illegible]	.5	1.1	1.2	.3	.3						3.7	11.1
NNW	.1	.[illegible]	.8	1.[illegible]	.7	.2	.5					4.4	14.6
VARBL													
CALM												7.8	
	[illegible].3	1[illegible].5	18.8	29.9	14.7	9.2	3.1	.9				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

23240	ADAK NAS AK	73-82	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	.5	.3	1.3	2.6	1.3	.4	.1					7.1	12.9
NNE		.9	1.4	2.7	1.4	.3	.2					7.7	14.1
NE	.4	.7	.4	1.7	.5	.3	.3					4.4	13.1
ENE	.2	.7	.5	1.7	.8	.5						4.5	13.1
E	.1	.4	1.2	2.1	.2	.2	.1					4.4	12.4
ESE		.1	.5	1.0	.3							2.0	12.6
SE	.1	.1	.5	1.4	.9							3.3	12.6
SSE	.2	.3	1.1	.8	.2	.1	.2					3.0	12.0
S	.3	.4	1.5	3.4	1.1	.4		.1				7.8	12.9
SSW	.2	.5	2.1	1.7	2.0	.2	.3	.1				7.2	13.7
SW	.5	.4	1.3	3.6	1.7	2.1	.8	.2				10.7	16.5
WSW	.6	1.6	1.5	2.8	2.0	2.6	.1	.1				11.7	14.7
W	.2	.5	2.1	2.3	1.2	.5	.5	.1				7.9	13.5
WNW	.1	.3	.5	1.3	.5	.1	.1					3.5	11.9
NW	.1	.3	1.3	2.1	.1	.1	.1					4.4	12.0
NNW		.4	1.1	2.0	1.2	.4	.2					5.4	14.4
VARBL													
CALM												5.4	
	4.4	9.7	19.0	33.3	15.5	8.9	3.2	.7				100.2	13.0

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724540	ADAK NAS AK	73-82	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	1.7	2.7	.7	.7	.2					6.3	13.6
NNE	.1	.	1.[illegible]	2.9	1.[illegible]	.4	.1					7.5	13.5
NE	.[illegible]	.2	.7	2.1	.5	.2	.2					4.3	13.5
ENE	.[illegible]	.7	1.[illegible]	2.7	.8	.2	.1					5.8	12.6
E	.1	.[illegible]	1.4	2.6	.7		.1					5.5	12.4
ESE	.[illegible]	.3	.5	.9		.1	.1					2.2	10.8
SE	.[illegible]	.3	.3	1.[illegible]	.1	.2						2.2	12.1
SSE		.[illegible]	1.2	.7	.9	.3						3.3	13.6
S	.2	.7	1.9	2.4	1.4	.3	.3	.1				7.3	13.8
SSW		.2	1.[illegible]	3.[illegible]	2.1	.[illegible]	.2	.1				8.5	15.2
SW	.2	.7	1.3	3.[illegible]	2.3	1.3	.5	.1				10.3	15.7
WSW	.[illegible]	.[illegible]	1.5	3.6	2.7	2.1	.5	.2				11.2	17.1
W	.4	.3	2.3	2.[illegible]	1.4	1.6	.3					9.0	14.7
WNW	.1	.[illegible]	.8	1.4	.7	.7						4.5	13.6
NW	.4	1.3	.7	1.9	.5	.4	.1					5.3	11.6
NNW	.1	.7	.8	1.7	1.4	.2	.1					5.0	13.9
VARBL													
CALM												1.9	
	3.3	[illegible].0	19.9	36.1	17.7	9.7	3.1	.5				100.0	13.9

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
77-82 — YEARS
MAR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	1.0	3.4	.7	1.3						7.6	13.2
NNE		.5	1.3	2.6	1.1	.9	.3					6.7	15.1
NE	.3	.5	.4	2.2	.9	1.3	.1					5.2	15.3
ENE		.3	1.1	1.6	1.0	.5	.1					5.1	13.8
E	.1	.3	.8	2.3	.4	.1						4.6	11.6
ESE	.2	.5	.5	1.3	.5							3.0	11.4
SE		.4	1.1	.7	.3			.2				2.7	12.6
SSE	.1	.7	1.3	1.4	.8	.7	.3					5.2	14.3
S	.7	1.3	2.8	2.7	.8	.3	.4					8.3	12.5
SSW	.2	.7	.5	2.2	1.3	1.1	.4	.1				6.1	17.1
SW	.1	.4	1.5	3.3	2.6	1.2	.5	.1				9.8	16.2
WSW	.1	.7	1.2	4.6	1.6	1.7	.7	.4				11.0	16.9
W		.4	2.9	3.1	1.1	1.2	.8	.1	.1			9.8	15.4
WNW		1.3	1.2	.8	.2	.1	.4					4.0	11.8
NW	.1	.3	1.5	.9	.3	.1	.1	.1				4.0	11.3
NNW	.3	.7	1.0	2.0	1.6	.3						5.9	13.1
VARBL													
CALM												1.1	
	2.3	10.5	20.2	34.9	15.1	10.5	4.2	1.1	.1			100.0	14.2

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4543 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-2200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	.9	2.2	1.4	1.3						7.?	1?.3
NNE	.4	.7	1.7	2.3	.7	.7	.2					6.7	12.9
NE	.1	.1	.7	2.?	1.4	.?	.2					4.?	15.6
ENE	.4	.2	.4	1.5	1.1	1.?						4.7	14.8
E	.2	.7	1.?	2.1	.8	.3						?.4	12.6
ESE		.?	.?	1.?	.2	.1						2.?	13.2
SE	.1	.?	.3	.?	.3	.2						2.7	11.7
SSE	.3	1.?	1.3	.8	1.1	.?	.2	.1				5.?	12.7
S	.2	1.?	2.2	1.5	.5	.7	.4	.1				7.5	14.3
SSW	.1	.?	1.3	3.2	1.2	.5	.5		.1			7.5	15.0
SW	.5	1.2	1.6	2.8	2.6	1.5	1.?	.1				1?.3	15.7
WSW	1.?	.5	1.2	3.1	1.5	1.?	.5	.2	.1			?.2	15.2
W	.?	1.?	1.7	2.?	1.3	1.5	.5	.1	.1	.1		9.5	15.2
WNW	.4	1.1	1.9	.8	.5	.?		.1				5.1	13.8
NW	.5	1.?	1.0	1.3	.1	.1						4.?	9.0
NNW	.?	.7	1.?	1.9	.5	.9						?.2	13.2
VARBL													
CALM												3.2	
	5.4	12.5	18.9	28.9	14.4	10.8	3.7	.8	.3	.1		100.?	13.3

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70454 (STATION) ADAK NAS Ak. (STATION NAME) 73-82 (YEARS) MA (MONTH)

ALL WEATHER (CLASS) 1?2-2?22 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.?	1.3	.5	2.0	1.5	.8	.2					6.9	1?.9
NNE		.?	1.5	2.5	.7	.7						6.1	13.1
NE	.?	.4	1.2	1.3	1.0	.3	.1					4.6	13.3
ENE	.?	.2	.8	1.4	1.3	.?	.3					5.?	15.4
E	.2	.9	1.?	2.3	1.?		.2	.1				5.7	12.5
ESE		.1	.?	1.2	.1	.1						2.1	13.?
SE		.?	.5	.3	.?							2.2	1?.8
SSE	.2	1.?	1.0	1.1	.4	.3	.1					4.2	11.6
S	.?	1.6	1.8	1.2	.4	.7	.4					7.?	11.2
SSW	1.1	1.1	2.4	2.2	.?	.7	.3	.1	.1			6.8	12.3
SW	.7	.9	2.?	3.5	1.9	1.6	.8	.2	.3			11.8	15.8
WSW	.?	.9	.9	1.1	1.4	1.4	.5		.?			7.4	16.3
W	.?	1.3	1.8	2.7	1.4	1.?	.3					1?.?	13.5
WNW	.?	1.1	1.8	1.0	.9	.2	.2					5.7	11.?
NW	.2	.?	.8	.4	.2							2.4	8.4
NNW		.?	1.0	1.6	.5	1.0	.1					4.6	15.?
VARBL													
CALM												5.6	
	6.7	13.5	19.4	25.9	14.1	1?.?	3.7	.4	.8			1??.?	12.6

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
[illegible]	ADAK NAS AK	72-8[illegible]	MAR

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	.[illegible]	1.[illegible]	1.3	2.4	1.2	.[illegible]	.[illegible]					7.3	13.1
NNE	.[illegible]	.[illegible]	1.6	[illegible].6	.9	.[illegible]	.[illegible]	.1				7.4	13.5
NE	.[illegible]	.4	.7	1.7	.[illegible]	.[illegible]	.2	.[illegible]				4.4	14.4
ENE	.[illegible]	.4	.7	1.8	.[illegible]	.[illegible]	.1					4.5	14.1
E	.[illegible]	.[illegible]	1.2	[illegible].1	.6	.[illegible]	.1	.0				4.9	12.3
ESE	.1	.[illegible]	.[illegible]	1.[illegible]	.[illegible]	.[illegible]	.[illegible]					2.3	11.[illegible]
SE	.1	.4	.[illegible]	.7	.[illegible]	.1	.[illegible]	.0				2.4	12.7
SSE	.[illegible]	.[illegible]	1.1	.6	.[illegible]	.[illegible]	.1	.0				3.6	12.8
S	.[illegible]	.9	1.[illegible]	2.1	.9	.4	.2	.[illegible]				7.1	12.2
SSW	.4	.6	1.[illegible]	2.5	1.3	.[illegible]	.4	.1	.1			7.5	14.3
SW	.4	.[illegible]	1.[illegible]	[illegible].[illegible]	2.1	1.[illegible]	.8	.2	.1			10.9	16.1
WSW	.7	.[illegible]	1.2	2.[illegible]	2.[illegible]	1.7	.[illegible]	.2	.1			9.9	15.9
W	.[illegible]	.[illegible]	2.0	2.6	1.4	1.4	.5	.1	.[illegible]	.0		9.2	14.7
WNW	.2	.[illegible]	1.2	1.1	.7	.4	.2	.0				4.6	12.4
NW	.3	.[illegible]	1.[illegible]	1.1	.[illegible]	.2	.[illegible]	.0				3.6	10.8
NNW	.[illegible]	.[illegible]	1.0	1.[illegible]	.[illegible]	.6	.[illegible]	.0				4.9	14.3
VARBL													
CALM												5.1	
	5.1	1.4	19.0	30.3	15.2	10.0	3.7	.9	.2	.0		100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 7229

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540	ADAK NAS AK	73-82	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.1	1.6	.2	.7	.1					7.2	10.1
NNE	.2	.4	1.2	1.0	1.3	.3	.4					5.2	14.5
NE	.1	.1	.9	.8	.1							2.5	9.5
ENE	.1	.2	.7	.6	.7							2.2	12.1
E	.4	1.0	.8	.6	.1	.1						3.0	8.3
ESE	.3		.3	1.5	.3	.2						2.7	13.1
SE	.1	.7	.4	.9		.1						2.2	10.1
SSE	.6	.6	.2	1.2	.7	.2	.1					3.6	12.5
S	.6	1.1	1.5	2.0	.8	.3	.3					6.6	12.2
SSW	.3	.9	.9	1.9	1.0	1.0						6.0	13.2
SW	.6	1.1	2.7	3.9	2.4	1.3	.4	.3				12.8	14.5
WSW	.4	1.0	1.8	3.2	1.9	1.1	.1					9.6	13.7
W	1.0	1.6	2.7	2.8	.6	.9	.1	.3				10.0	11.9
WNW	.6	1.5	1.2	2.0	.6	.3			.3			6.5	12.4
NW	.4	.9	1.7	1.7	.2	.3	.4					5.7	11.8
NNW	.3	.6	1.6	1.3	.9	.2	.2					5.2	12.8
VARBL													
CALM												9.2	
	7.1	13.7	20.7	27.0	11.8	7.3	2.4	.7	.3			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.9540	ADAK NAS AK	73-82	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0300-0500 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.9	3.3	1.1	1.1	.8	.2					9.2	11.7
NNE	.4	1.0	1.3	1.0	.7	.2						5.6	9.8
NE		.4	.6	.6	.2	.1						1.9	11.7
ENE		.9	.6	1.0	.1	.2						2.8	10.7
E	.1	.9	.3	1.0	.1		.1					3.6	9.8
ESE	.1	.2	.4	.2	.1							1.1	9.4
SE	.2	.3	.2	.8	.4	.2	.1					2.4	13.8
SSE	.1	.6	.4	1.1	.2	.2	.2					2.9	13.5
S	.9	.7	1.5	2.1	.6	.3	.2	.1				6.4	12.2
SSW	.3	.7	.9	1.0	.7	.3						4.4	11.8
SW	.6	1.5	2.9	4.3	2.5	1.9	.7	.2				14.5	14.6
WSW	.5	.7	1.5	3.0	2.0	1.0						9.1	13.3
W	.7	1.8	2.1	2.7	.8	.8	.2	.2				9.3	12.3
WNW	.3	1.3	1.5	2.0	.3	.3	.3	.6				6.4	14.2
NW		1.0	1.1	.7	1.5	.4	.1					4.8	13.2
NNW	.2	1.3	2.1	1.9	.7							6.3	11.2
VARBL													
CALM												9.3	
	5.7	15.9	21.8	25.0	12.0	7.2	2.2	1.1				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 ADAK NAS AK — STATION / STATION NAME
77-82 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	2.1	2.6	2.4	1.3	.7	.4					11.3	11.8
NNE	.7	1.6	1.8	1.2	.7	.1						4.3	9.2
NE	.1	.5	.7	.6	.4							2.4	10.2
ENE	.4	.4	1.1	.7	.2	.1						3.0	9.3
E	.2	.4	1.1	1.9	.2	.1						4.2	10.9
ESE		.7	.3	.6	.1							1.7	9.5
SE	.2	.2	.2	.6	.4	.1						1.8	12.2
SSE	.2	.4	.7	1.0	.1	.1		.1	.2			2.9	14.3
S	.8	1.2	2.1	1.6	1.0	.3	.6					7.6	12.2
SSW	.6	.2	1.6	1.8	1.5	.3	.6					6.5	14.9
SW	.4	.9	1.8	2.8	2.2	1.8	.3		.1			12.9	15.1
WSW	.6	1.6	2.0	2.8	2.4	.9	.9	.2				11.3	14.3
W	.2	1.7	2.2	1.9	1.3	1.2	.1					8.9	13.2
WNW	.1	.9	1.2	2.0	.6	.4	.1	.4	.1			5.9	15.2
NW	.2	.9	1.1	2.1	.8	.2						5.3	11.8
NNW	.1	.6	1.3	1.8	.8	.2	.2					5.1	13.2
VARBL													
CALM												5.1	
	5.7	14.4	21.2	25.7	13.7	6.7	3.3	.8	.4			100.2	11.8

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
APR — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	2.6	2.8	1.2	1.2	.1					10.0	11.7
NNE	.3	.2	.7	1.8	.6	.1						4.3	11.5
NE	.2	.1	1.5	.7	.2							2.8	10.6
ENE	.2	.3	2.1	.9	.2	.2						4.0	10.7
E	.1	.3	1.0	1.0	.1							3.0	9.7
ESE	.3	.2	.1	.7	.2	.1						2.2	9.1
SE	.1	.4	1.7	1.2	.4							3.7	10.0
SSE	.2	.7	1.7	1.6	.1			.1				4.4	10.8
S	.1	1.1	1.6	2.0	.2	.6	.1	.1				6.8	12.6
SSW	.1	.2	1.2	1.5	1.1	.6	.2	.1				5.1	15.0
SW	.2	.3	1.1	3.5	1.8	2.0	.6	.1	.1			9.8	17.2
WSW		1.2	1.7	4.6	3.0	2.0						12.6	14.9
W	.6	1.5	2.5	4.5	2.2	1.0	.4					12.5	13.4
WNW	.7		.7	2.1	.8	.3	.1	.4				5.2	15.5
NW	.3	.3	.9	1.2	.4	.9	.1					4.3	14.1
NNW	.1	.2	2.1	2.4	.9	.6	.2					7.1	13.0
VARBL													
CALM												2.4	
	4.5	11.1	23.1	33.2	13.4	9.4	1.9	.9	.1			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70540	ADAK NAS Ak	73-82	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	.2	1.5	3.4	3.3	1.3	.2						9.9	11.3
NNE	.1	.4	1.5	2.1	.9	.3						5.4	12.7
NE	.3	.3	1.0	1.0	.8							3.5	11.3
ENE	.1	.2	2.0	1.5	.4	.1						4.4	11.3
E	.4	1.6	1.6	.3	.2	.1						4.3	7.9
ESE		.1	.6	.8								1.5	9.8
SE	.1	.6	.9	.9	.2							2.7	10.6
SSE	.1	.7	1.8	1.0	.7	.2	.1					4.6	11.9
S	.1	.7	1.9	3.1	.8	.2		.1				7.0	12.4
SSW		.6	1.3	1.8	1.2	.9	.3	.1				6.3	15.6
SW		.2	.7	2.8	2.5	1.6	.7	.2	.1			8.8	16.8
WSW	.1	.2	1.3	2.9	3.4	1.8	.3					10.1	16.7
W	.6	1.6	3.1	5.2	2.5	1.0	.6	.1				14.6	13.8
WNW		.6	1.5	2.2	.9	.3	.1	.2				5.8	14.2
NW		.1	1.2	1.1	.4	.4		.1				3.5	14.5
NNW	.1	.4	1.3	2.1	1.7	.7	.2					6.6	14.9
VARBL		.1										.1	6.0
CALM												.9	
	2.4	9.9	25.2	32.3	18.0	8.0	2.4	.9	.1			100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	3.8	4.4	1.0	.5	.1					10.4	12.3
NNE	.1	.1	1.1	2.5	.6	.6	.1					5.1	13.9
NE	.3	1.0	.7	.9	.7	.1						3.8	10.3
ENE	.2	1.3	1.3	1.5	.2	.1						4.6	9.2
E	.5	1.4	1.1	1.1	.3							4.6	6.7
ESE	.1	.6	1.4	.7	.1							2.9	8.6
SE		.3	.7	1.3	.3	.1						2.7	12.3
SSE		.5	1.7	1.4	.7	.2						4.4	12.2
S	.2	.1	2.2	2.3	1.3	.6	.1					6.7	13.5
SSW	.1		.9	1.6	.9	.7	.2		.1			4.6	16.4
SW		.5	.6	5.1	2.5	1.3	.5					10.4	16.2
WSW	.1	.2	1.1	3.3	3.4	1.3	.3	.3				10.1	17.3
W		.6	2.4	4.7	1.8	.7	.6					11.1	13.8
WNW		1.2	1.6	3.8	.6	.3	.2	.2		.2	.1	8.1	15.0
NW		.5	1.0	1.3	.6	.5	.2					4.0	14.1
NNW		.5	1.4	2.1	1.4	.5	.1	.2				6.0	14.7
VARBL													
CALM												.5	
	1.8	9.4	22.9	37.9	16.4	7.3	2.5	.8	.1	.2	.1	100.0	13.6

TOTAL NUMBER OF OBSERVATIONS 877

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | APR MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	2.8	3.1	1.0	.4						8.9	11.7
NNE	1.2	.6	1.7	2.1	1.1	.3	.1	.2				7.2	12.3
NE	.2	.4	1.1	.8	.2		.1					2.9	10.6
ENE	.4	.4	1.2	.4	.1	.2						3.3	9.2
E	.5	.6	1.2	1.6	.2							4.1	9.6
ESE	.2	.2	.6	.6	.1	.1						2.4	9.0
SE	.1	.6	1.0	.9	.7	.1						3.4	11.6
SSE		.6	1.1	1.0	.4	.3						3.5	12.4
S	.1	.7	2.7	2.1	1.1	.6						7.3	12.4
SSW	.2	.7	1.8	1.3	1.2	.3	.2	.2				6.1	14.0
SW	.1	.6	1.9	3.3	1.2	.9		.1				8.1	13.9
WSW	.2	.9	2.4	4.1	1.9	1.2	.2					10.9	13.9
W	.2	1.3	3.0	4.0	1.3	1.2	.6	.2		.1		11.9	13.9
WNW	.2	1.1	1.0	2.9	.6	.3	.4				.2	6.3	14.3
NW	.2	.4	1.7	1.5	.2	.1	.1					4.3	11.2
NNW	.2	.2	1.5	1.9	.9	.8	.2	.1				6.5	13.7
VARBL													
CALM												2.7	
	4.6	11.8	26.7	31.7	12.4	6.8	2.0	.9		.1	.2	100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
APR — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.9	2.1	1.6	.3	.3	.2	.1				6.7	11.1
NNE	.8	1.5	1.5	2.0	.6	.3	.5					7.1	11.5
NE	.1	.3	.3	.9	.2	.1						2.0	11.7
ENE		.9	1.0	.9	.1	.2						3.2	10.4
E	.3	.9	.2	.9	.7							3.0	10.6
ESE	.5	.5	.6	1.4	.1							3.2	9.5
SE		.3	.2	1.2	.6	.2	.1					2.7	14.2
SSE	.2	.3	.8	.8	.3	.6	.2	.1				3.4	14.7
S	.3	1.7	2.0	1.9	.9	.7						7.6	11.3
SSW	.3	.6	1.7	1.6	.7	.6	.2	.1				5.7	13.1
SW	.8	.8	3.6	3.2	1.0	1.1		.2				10.7	12.6
WSW	1.1	1.1	2.5	3.4	2.0	1.0	.8	.1				12.1	13.7
W	.7	1.2	1.1	1.9	.8	.8	.3		.3			7.0	14.4
WNW	.5	.8	2.1	2.1	.6	.5			.2			6.8	12.4
NW	.6	1.5	1.0	2.0	.8	.2	.2	.1				8.0	12.3
NNW	.9	.8	2.3	2.0	.7	.5						7.1	11.1
VARBL													
CALM												5.9	
	8.1	17.4	23.3	27.8	10.4	7.1	2.6	.8	.6			100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540	ADAK NAS AK	73-82	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	.6	1.4	2.8	2.5	.9	.6	.2	.0				9.1	11.4
NNE	.2	.9	1.3	1.7	.7	.3	.1	.0				5.6	11.9
NE	.2	.5	.8	.8	.4	.2	.0					2.7	10.7
ENE	.1	.6	1.3	.9	.3	.2						3.4	10.3
E	.4	.9	1.1	1.1	.3	.1	.0					3.7	9.4
ESE	.2	.5	.6	.8	.1	.1						2.2	9.8
SE	.1	.4	.7	.9	.4	.1	.0					2.7	11.7
SSE	.2	.5	1.1	1.1	.4	.2	.1	.0	.0			3.7	12.6
S	.4	.9	1.9	2.3	.8	.5	.2	.0				7.0	12.3
SSW	.3	.5	1.3	1.6	1.0	.6	.2	.1	.0			5.6	14.2
SW	.3	.7	1.9	3.6	2.0	1.5	.4	.2	.0			10.7	15.3
WSW	.4	.9	1.8	3.4	2.5	1.3	.3	.1				10.7	14.7
W	.3	1.4	2.4	3.5	1.4	.9	.4	.1	.0	.0		10.6	13.3
WNW	.3	.9	1.4	2.4	.6	.4	.2	.2	.1	.0	.0	6.4	14.1
NW	.2	.6	1.2	1.4	.6	.4	.2	.0				4.7	12.7
NNW	.3	.7	1.7	1.9	1.0	.4	.2	.0				6.2	12.9
VARBL		.0										.0	6.0
CALM												4.9	
	5.0	12.4	23.1	30.1	13.5	7.5	2.4	.9	.2	.0	.0	100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 7111

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74540	ADAK NAS AK	73-82	MAY
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	2.1	3.4	2.8	3.7	.8	.3	.1					13.1	9.2
NNE	.7	1.1	1.4	1.7	.2	.4	.1					5.6	10.5
NE	.3	.4	.4	.5	.1	.2						2.5	9.2
ENE	.3	.3	.8	.5	.7	.1						3.1	10.5
E	.1	.3	.5	.9	.2							2.6	9.4
ESE	.3	.5	.3	.2								1.4	6.9
SE	.4	.4	1.0	.4			.1					2.4	8.2
SSE	.7	.9	.3	.9	.2		.1					3.0	8.8
S	.7	1.4	1.7	.7	.2							4.7	7.8
SSW	.2	.7	.8	1.3	.4		.3	.1				3.3	13.2
SW	1.1	1.3	2.2	1.7	1.3	.5	.2					8.4	11.2
WSW	1.2	.9	2.1	4.0	1.3	.9	.7	.1				11.1	13.6
W	1.2	1.3	4.0	4.8	1.3	1.0	.2	.4				14.2	12.3
WNW	.4	1.1	.7	1.4	.2	.2	.2					4.1	11.2
NW	.5	.8	1.6	1.5	.4	.7	.1					5.6	11.8
NNW	.7	.5	.3	2.1	.7	.5						5.2	12.3
VARBL													
CALM												9.3	
	11.1	16.2	21.7	26.4	8.7	4.9	2.2	.7				100.3	9.9

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540	ADAK NAS AK	77-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0700-1900
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 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	2.6	2.9	2.6	.8	.4						10.7	9.4
NNE	.9	1.2	1.6	1.5	.3	.4						6.3	9.7
NE	.7	1.2	.1	.2	.2	.1						2.2	6.1
ENE	.6	.7	.8	1.1	.4	.2						3.9	9.9
E	.2	1.0	.9	.8	.2							3.1	8.6
ESE	.2	.4	.1	.2		.1						1.1	8.5
SE	.4	.3	.2	.4	.1	.2						2.2	9.1
SSE	.2	.5	.4	.2	.3	.2						2.2	10.7
S	.7	1.3	2.0	1.6	.1							5.7	6.6
SSW	.4	.5	1.3	.9	.3	.2						3.7	10.3
SW	.9	1.6	2.0	2.8	1.2	.4	.4	.1				9.5	12.3
WSW	1.4	1.3	2.6	2.4	1.3	1.3	.7					11.0	12.9
W	1.0	1.0	3.7	3.1	1.9	1.0	.4	.4				13.3	12.6
WNW	.9	.9	1.2	1.6	.2							4.8	8.7
NW	.7	.8	1.3	1.9	.4	.2						5.2	10.6
NNW	.5	1.5	1.3	2.0	.7	.7						6.7	11.2
VARBL													
CALM												9.0	
	11.3	18.2	22.5	23.4	8.5	5.6	1.5	.5				100.0	9.8

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
... WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0600-0800 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.7	2.7	2.9	.8	.5						8.5	11.4
NNE	1.0	1.3	2.0	1.3	.3	.5	.2					6.6	10.1
NE	.7	.7	.3	1.1	.1							2.8	8.3
ENE	.5	1.[illegible]	1.9	.9	.[illegible]							4.8	8.3
E	1.2	1.2	1.3	.4	.1							4.2	8.5
ESE	.[illegible]	.4	.4	.[illegible]								1.3	6.9
SE	.5	.1	.3	.1	.2							1.3	8.3
SSE	.3	.3	1.0	.7	.3							2.6	9.5
S	.[illegible]	.[illegible]	1.6	1.8	.9	.1						5.7	10.9
SSW	.4	.9	1.[illegible]	1.4	.1	.7						4.5	11.6
SW	.9	1.3	1.9	2.2	.9	.[illegible]	.1	.3				9.1	12.2
WSW	.5	1.[illegible]	3.2	3.1	1.6	1.0	.3					11.2	12.5
W	.7	1.4	3.8	4.5	1.9	1.3	.7	.4				14.6	13.9
WNW	.7	.8	1.4	1.9	.3	.2	.1					5.3	10.9
NW	.1	.4	1.7	1.2	.3	.1	.1					4.[illegible]	11.1
NNW	.5	1.4	2.[illegible]	2.5	.9							7.3	10.1
VARBL													
CALM												7.[illegible]	
	9.4	14.9	2[illegible].5	25.9	9.[illegible]	[illegible].0	1.5	.8				1[illegible]0.0	10.3

TOTAL NUMBER OF OBSERVATIONS [illegible]18

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

SURFACE WINDS

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

...4040	ADAK NAS, AK	73-82	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	.2	1.2	3.4	4.6	1.4	.4	.1					[illegible]	12.2
NNE	.5	.7	2.[illegible]	1.7	.4	.3		.1				5.8	11.[illegible]
NE	.[illegible]	.7	.9	1.0	.2							3.1	9.3
ENE	.4	2.1	2.7	.9	.7	.1						6.9	8.7
E	1.0	2.[illegible]	1.3	.3								5.2	5.8
ESE	.7	1.[illegible]	.3	.2	.1							2.[illegible]	5.8
SE	.[illegible]	.5	.5	.[illegible]								1.[illegible]	6.4
SSE	.2	.[illegible]	1.[illegible]	.[illegible]		.1						2.3	6.2
S	.1	.[illegible]	2.6	1.9	.4	.5						6.4	11.3
SSW	.1	.7	1.3	.[illegible]	.[illegible]	.[illegible]	.2					4.5	13.9
SW	.1	.4	1.4	2.5	.7	1.2	.1	.2				6.7	15.2
WSW	.3	.7	2.1	3.6	2.2	1.[illegible]	.4					10.5	14.5
W	.2	.[illegible]	2.9	.8	1.9	2.[illegible]	1.2					15.6	16.[illegible]
WNW	.[illegible]	1.[illegible]	1.3	2.1	.4	.1	.1					5.3	11.[illegible]
NW		.[illegible]	1.6	2.3	.4	.1						5.[illegible]	11.9
NNW		.4	2.2	2.2	.[illegible]	.1						5.7	12.[illegible]
VARBL													
CALM												1.4	
	4.[illegible]	15.4	27.6	3 .5	10.1	7.6	2.2	.3				100.[illegible]	11.9

TOTAL NUMBER OF OBSERVATIONS 917

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

SURFACE WINDS

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

7 4540	ADAK NAS AK	73-82	MAY
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.6	6.4	1.5	.5	.2	.1				12.5	13.5
NNE		.6	1.6	2.5	.9	.1		.1				5.5	12.4
NE		.6	.7	1.4	.4	.1						3.2	11.6
ENE	.5	1.6	2.8	1.6	.4	.1						7.4	9.2
E	.5	2.3	2.4	.6								6.1	7.1
ESE		1.1	.8	.1	.1							2.3	7.6
SE	.1	1.2	.5	.3	.1							2.6	7.7
SSE	.1	.3	1.5	.8		.1						2.7	9.6
S	.3	.5	2.5	2.7	.8	.4	.1					7.5	11.9
SSW	.1	.1	1.0	1.3	.5	.4	.2	.1				3.8	15.1
SW	.1	.2	.9	2.7	1.6	.9	.4	.4				7.3	17.4
WSW		.3	1.3	2.8	1.4	1.3	.1	.1				8.3	15.2
W	.3	.4	3.4	6.1	2.8	3.1	.9	.1				17.1	16.3
WNW		.3	1.4	1.9	.8	.4						4.7	13.3
NW	.1	.5	1.3	2.2	1.1	.3						5.6	12.9
NNW		.4	.9	1.7	.7							3.7	12.6
VARBL													
CALM												.3	
	2.2	11.9	26.4	35.2	13.2	7.9	2.3	1.3				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
77-82 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	3.1	7.1	1.9	.5	.4					14.4	13.2
NNE		1.0	2.1	2.3	.9	.4						6.7	11.7
NE		.2	1.4	1.1	.1							3.5	9.4
ENE	.2	1.6	2.7	1.4	.2							6.3	8.8
E	.3	1.1	2.4	.4								4.3	7.4
ESE		.2	.7	.7								1.9	9.1
SE	.1	.2	.2	.3								1.5	8.4
SSE	.1	.2	1.3	.5								2.5	8.7
S		.2	2.5	3.6	.2	.5	.2	.3				8.3	13.5
SSW	.1	.3	1.3	1.4	.2	.3						3.7	12.2
SW		.2	.9	2.1	1.5	1.4	.4	.2				6.8	17.8
WSW	.1	1.4	1.5	3.3	1.1	1.4	.1					9.2	13.5
W		.7	3.1	7.9	2.4	1.6	1.1	.1				16.3	15.1
WNW		.4	1.3	1.5	.5	.3	.2					4.4	13.7
NW		.2	1.3	1.7	.8	.2						4.4	12.9
NNW	.1	.3	1.1	2.7	1.2	.1						5.3	13.2
VARBL													
CALM												.3	
	1.4	11.4	27.6	38.4	10.8	7.0	2.5	.7				100.2	12.8

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7,4543 (STATION) ADAK NAS, AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.6	5.7	5.7	1.2	.8	.1					16.1	11.4
NNE	.2	1.3	2.4	2.8	.5	.2						6.7	10.7
NE	.4	1.2	1.3	1.3	.1							4.3	8.2
ENE	.4	.3	2.0	1.3	.1							4.6	8.9
E	.2	1.2	1.2	.5								3.5	7.0
ESE	.2	1.1	.4	.2	.2							2.3	7.4
SE	.3	1.1	.9	.1	.1							2.5	7.0
SSE	.1	.5	2.5	.8								3.9	8.8
S		1.1	2.2	1.9	.5	.3	.7					6.6	13.2
SSW	.1	.4	1.7	1.1		.2	.1					3.7	11.0
SW	.1	.2	1.4	2.5	1.5	1.6	.5					8.5	15.5
WSW	.2	1.1	2.1	2.5	1.4	.9	.1	.1				8.4	12.9
W	.4	1.2	3.4	5.8	1.9	1.3	.5	.2				14.5	13.9
WNW	.1	.3	1.2	1.7	.5	.4						4.1	13.0
NW	.1	.4	1.4	2.6	.1	.1	.1					4.9	11.8
NNW	.2	.2	1.2	2.3	.7	.2	.1					4.9	12.9
VARBL													
CALM												1.5	
	4.9	13.8	30.0	32.2	8.9	6.1	2.3	.3				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7454 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	3.4	2.0	3.8	.8	.1						11.5	9.2
NNE	1.3	2.[illegible]	2.1	2.0	.7	.2	.1					6.2	9.2
NE	.3	.[illegible]	.8	.3	.1	.1						2.4	8.2
ENE	.4	.[illegible]	1.2	1.3								3.8	6.7
E	.7	.2	.7	.9								2.4	6.5
ESE	.1	.3	.5	.7								1.6	8.3
SE	.2	.[illegible]	1.0	.3	.1							2.4	8.2
SSE	.4	.[illegible]	1.4	.7	.1							3.4	8.0
S	1.5	1.2	2.0	1.4		.1	.1	.1				6.4	8.4
SSW	.9	.4	1.2	1.2	.7	.3		.1				4.8	11.3
SW	.3	1.2	1.5	2.2	1.1	1.1	.4					7.8	14.1
WSW	.3	.9	2.7	3.1	.5	.9	.4	.3				9.2	13.6
W	1.2	1.6	3.5	5.3	1.0	.8	.3	.2				13.9	11.7
WNW	.1	.3	1.6	1.2	.2	.4	.1					4.[illegible]	12.7
NW	.9	.4	1.1	1.5	1.1							5.0	10.6
NNW	.[illegible]	1.2	1.2	1.5	.9	.7						5.6	12.3
VARBL													
CALM												7.7	
	10.4	16.3	24.3	27.3	7.2	4.7	1.5	.8				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540	ADAK NAS AK	73-82	MAY
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	2.0	3.1	4.6	1.1	.5	.1	.2				12.2	11.2
NNE	.5	1.2	1.9	1.8	.5	.4	.1	.2				6.4	10.6
NE	.3	.4	.8	.9	.2	.1						3.0	9.0
ENE	.2	1.2	1.9	1.2	.4	.1						5.1	9.0
E	.6	1.3	1.3	.6	.1							3.9	7.3
ESE	.2	.3	.4	.3	.1	.0						1.3	7.4
SE	.3	.6	.7	.3	.1	.0	.0					2.1	7.9
SSE	.3	.6	1.2	.6	.1	.1	.0					2.8	9.3
S	.5	1.3	2.1	2.0	.4	.3	.1	.1				6.4	11.0
SSW	.3	.5	1.2	1.2	.4	.4	.1	.0				4.1	12.3
SW	.4	.9	1.5	2.3	1.2	1.0	.3	.2				7.9	14.3
WSW	.5	1.0	2.3	3.1	1.4	1.1	.4	.1				9.8	13.5
W	.3	1.1	3.5	5.4	1.9	1.6	.7	.2				15.0	14.1
WNW	.3	.6	1.2	1.7	.4	.3	.1					4.6	11.7
NW	.3	.5	1.4	1.8	.5	.2	.0					5.0	11.7
NNW	.3	.3	1.3	2.1	.8	.3	.0					5.6	11.9
VARBL													
CALM												4.5	
	6.9	14.8	25.8	29.9	9.5	6.1	2.0	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 7349

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70140 ADAK NAS AK 73-82 JUN
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

0000-2200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.7	3.5	1.5	.1							8.9	7.2
NNE	1.6	2.7	2.4	1.6	.6	.2	.2					9.2	8.3
NE	.7	1.3	.9	1.7	.2							4.8	8.7
ENE	1.2	.6	.7	.3	.1	.2						2.9	7.5
E	1.1	.2	.6	.1								2.7	4.8
ESE	.7	1.2	.2									1.9	4.6
SE	.6	2.2	.7									3.3	5.3
SSE	.7	1.6	1.7	.9								4.8	7.4
S	1.2	2.2	2.6	1.0	.4							7.1	7.7
SSW	.7	1.3	1.3	.7	.1	.1						4.3	8.2
SW	1.2	.4	4.4	4.4	1.9	1.1						13.6	12.1
WSW	.9	1.3	2.9	5.4	3.4	1.1	.2					15.2	13.3
W	.8	1.8	2.2	3.1	1.2	.1						9.1	12.3
WNW	.2	.2	.1	.2	.1							1.0	7.8
NW	.1											.1	2.0
NNW	.3	.2	.8									1.9	5.9
VARBL													
CALM												9.3	
	12.9	20.7	24.7	20.9	8.2	2.9	.4					100.0	8.5

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7_4640	ADAK NAS AK	73-82	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	.9	3.1	2.6	2.[illegible]		.1						9.5	8.4
NNE	1.6	3.2	1.9	1.[illegible]	.5	.5	.2					9.8	8.5
NE	.[illegible]	1.4	1.1	1.2	.1							4.8	8.0
ENE	1.[illegible]	.[illegible]	.7	.6								3.2	6.1
E	.[illegible]	1.4	.6	.1								2.4	5.6
ESE	.[illegible]	.[illegible]	.5	.1								1.1	7.0
SE	.6	1.1	.7		.[illegible]							2.6	6.1
SSE	.7	1.7	.8	1.1								4.3	7.2
S	1.1	3.2	1.[illegible]	.7	.2							7.0	6.8
SSW	1.[illegible]	1.0	1.0	1.5								4.5	7.4
SW	.[illegible]	1.1	3.6	3.4	1.7	1.[illegible]	.1	.1				11.7	12.9
WSW	.[illegible]	1.[illegible]	3.6	5.8	2.5	1.6	.1					16.2	13.0
W	.9	1.[illegible]	2.7	1.9	.5	.3						7.9	9.6
WNW	.[illegible]	.5		.2								.9	6.5
NW	.1	.[illegible]	.[illegible]		.[illegible]							.8	9.6
NNW	.[illegible]	.[illegible]	.9	.2								1.9	6.9
VARBL													
CALM												12.3	
	11.[illegible]	22.[illegible]	22.8	2[illegible].7	5.9	4.1	.5	.1				100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

? 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JAN — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.6	4.6	1.7	[illegible]	.1						9.7	9.4
NNE	1.0	2.5	2.5	1.9	.2	.3						8.5	8.6
NE	.6	1.9	2.5	1.2	.1							6.3	8.1
ENE	.8	1.6	1.4	.6								4.3	7.2
E	1.1	.9	.9	.3	.1							3.4	6.3
ESE	.6	.1	.8	.3								1.8	7.0
SE	.5	.7	.9	.1								2.1	6.5
SSE	.8	1.4	1.5	.9	.2							4.7	7.9
S	1.1	2.0	2.3	2.0								8.2	7.9
SSW	.7	1.4	.6	1.0	.1							3.7	7.4
SW	.8	1.0	3.3	5.1	1.8	1.0	.2	.1				13.8	12.9
WSW	.9	1.5	4.1	5.1	2.3	.7						14.4	11.8
W	.3	2.0	3.2	2.1	.6	.1						8.3	9.5
WNW	.2		.1									.3	5.0
NW	.1		.5									.6	6.8
NNW	.2	.5	.7	.7								2.0	8.6
VARBL													
CALM												7.8	
	10.4	20.2	29.5	23.1	6.4	2.3	.2	.1				100.2	8.7

TOTAL NUMBER OF OBSERVATIONS 887

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A.. WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4340 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JUN — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.2	5.1	1.1							10.6	11.2
NNE	.3	.7	2.6	2.0	.2	.3						6.2	10.8
NE	.1	1.4	1.9	2.3	.2							5.9	10.1
ENE	1.1	1.9	3.9	1.6	.2							8.7	8.3
E	.8	3.2	2.4	1.0	.1							7.5	7.2
ESE	.3	.8	.8	.3								2.3	7.5
SE		.3	1.5	.3	.3							2.9	9.2
SSE	.6	.3	1.7	1.1	.2							4.0	9.3
S	.2	1.1	3.7	2.8	.3							8.3	9.8
SSW	.1	.7	.9	.8	.1							2.6	6.8
SW	.2	.9	.7	3.6	1.8	.6	.2					8.3	14.5
WSW	.6	.9	2.3	6.8	2.3	2.2	.1					15.6	13.9
W	.6	.6	4.1	6.3	.8	.6						12.9	11.7
WNW		.2	.3	.5								1.1	9.0
NW	.1	.1	.1	.2								.6	8.2
NNW	.1	.2	.2	.3	.1							1.0	10.3
VARBL													
CALM												1.5	
	5.3	15.1	30.8	35.4	7.9	3.6	.3					100.2	12.7

TOTAL NUMBER OF OBSERVATIONS 883

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540 ADAK NAS AK 73-82 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	2.4	5.1	.7	.2						9.2	12.3
NNE		1.	2.4	2.7	.4	.3						6.9	11.8
NE	.1	1.0	1.7	3.0	.3							6.	1.5
ENE	.3	2.6	2.6	2.7	.6							8.3	9.4
E	.4	3.3	3.5	.6		.2						8.3	7.8
ESE	.4	1.3	.4	.3								2.6	6.2
SE	.1	.6	.4	.7		.1	.2					2.1	11.6
SSE	.2	.2	2.7	1.6	.4							5.3	10.6
S		.4	4.2	3.4	.6	.1						8.7	11.1
SSW	.2		.6	1.3	.2							2.6	11.3
SW	.1	.7	.7	2.5	2.2	1.8	.1	.1				8.2	16.7
WSW	.1	.1	1.8	6.5	2.8	1.3	.2					12.9	15.3
W	.1	.4	3.0	6.5	2.0	.4	.1					12.7	13.3
WNW	.1	.3	.6	.7	.1							1.8	9.9
NW	.1	.1		.3	.1							.7	10.7
NNW		.1	.6	1.2	.4	.2						2.5	13.9
VARBL													
CALM												.7	
	2.8	12.7	27.7	39.5	11.0	4.8	.7	.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4F4C (STATION) ADAK NAS, AK (STATION NAME) 73-82 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	3.2	5.6	1.0							10.5	11.8
NNE		.2	1.6	3.2	.1	.3						6.1	11.4
NE	.2	.7	2.8	2.8	.6							7.2	10.5
ENE	.7	2.4	3.4	1.6	.1							8.5	8.5
E	.5	1.6	2.8	1.0								6.1	7.6
ESE	.2	.7	1.2	.2								2.4	7.3
SE		.7	1.6	.5								2.7	8.2
SSE		.2	2.1	2.3	.5	.3						5.3	11.7
S		.3	4.2	3.4	.3							8.2	10.9
SSW		.5	1.1	1.2		.2						3.0	11.2
SW			.8	1.4	2.5	1.0	.3					6.0	16.4
WSW	.1	.1	1.6	6.9	2.9	1.1		.1				13.2	15.0
W		.5	2.1	5.5	2.7	.6	.3					12.8	14.2
WNW	.1	.1	.3	.5	.1							1.1	9.7
NW	.1	.2	.2	.2								.8	7.3
NNW		.3	.5	1.2	.5							2.3	12.6
VARBL													
CALM												1.4	
	2.3	12.2	29.9	42.6	11.3	3.6	.7	.1				100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
1202-2000 — 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	1.2	5.2	4.8	.2	.1						11.2	10.1
NNE	.3	2.0	3.6	1.9	.3	.2						8.4	9.4
NE	.1	1.4	2.7	1.0	.2							5.5	8.8
ENE	.9	1.4	1.8	1.1	.3	.2						5.8	8.9
E	1.1	1.3	1.4									3.9	5.4
ESE	.6	.8	.8	.2								2.3	6.2
SE	.1	1.4	2.1	.4								4.1	7.5
SSE	.6	1.4	2.2	1.9		.1	.1					6.4	9.3
S	.2	1.2	3.3	3.8	.7	.1						9.4	1.7
SSW	.2	.2	.9	1.2	.2							2.6	10.3
SW	.2	.6	2.0	3.1	2.5	.9	.2					9.5	14.0
WSW		.3	2.0	5.4	2.1	.9						12.2	13.4
W	.3	1.2	3.8	3.9	1.3	.9	.1					11.6	12.4
WNW	.2	.7	.6	.2								1.7	7.3
NW		.1		.1	.1							.3	12.7
NNW	.2	.1	.6	1.2	.2	.1						2.5	12.3
VARBL													
CALM												1.9	
	5.4	16.4	34.0	30.1	8.2	3.6	.4					100.2	10.4

TOTAL NUMBER OF OBSERVATIONS 897

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

SURFACE WINDS

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

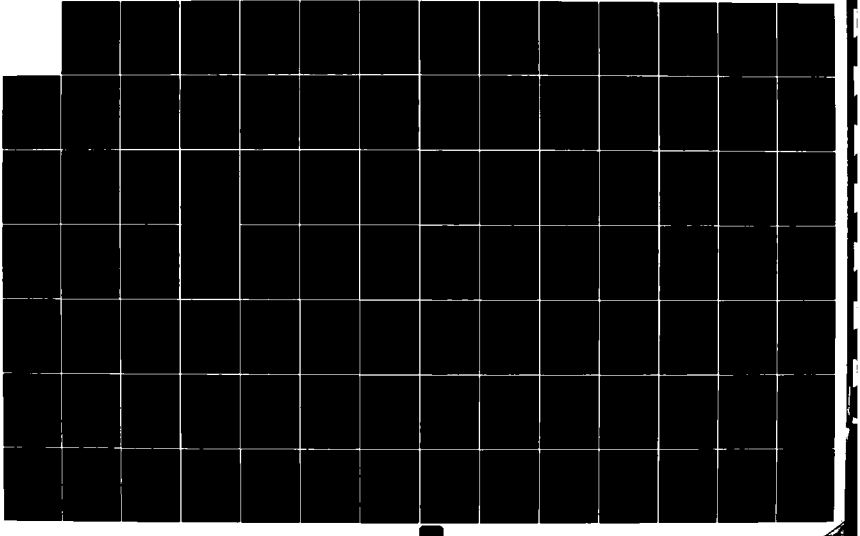
[illegible]4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L S T)
CONDITION

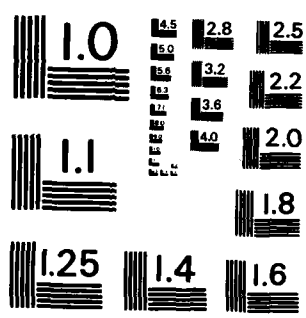
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	[illegible]	3.7	3.1	2.4	.3							11.6	7.[illegible]
NNE	1.[illegible]	3.3	2.6	1.2	.4	.2						8.7	8.[illegible]
NE	.[illegible]	2.4	.[illegible]	1.1	.3							5.3	8.3
ENE	.7	.[illegible]	.7	.[illegible]	.6	.1						2.7	9.8
E	1.[illegible]	.[illegible]	.7	.2								3.[illegible]	5.[illegible]
ESE	.[illegible]	.6	.3									1.2	5.[illegible]
SE	.4	.5	.9	.2								2.1	6.9
SSE	.7	1.9	2.[illegible]	.9		.1						5.6	7.6
S	1.1	3.[illegible]	4.3	2.2	.3	.4						12.[illegible]	8.4
SSW	.6	1.1	1.[illegible]	1.0	.2	.1						4.[illegible]	9.[illegible]
SW	.[illegible]	1.[illegible]	3.7	3.[illegible]	2.1	1.[illegible]						11.5	12.5
WSW	.7	1.[illegible]	2.9	4.4	2.[illegible]	1.[illegible]	.2					13.[illegible]	12.9
W	.7	1.[illegible]	2.[illegible]	2.[illegible]	.6	.6						7.7	1[illegible].3
WNW		.4	.2	.2		.1						1.[illegible]	10.[illegible]
NW	.[illegible]	.[illegible]	.4	.1	.1							1.1	7.9
NNW	.1	1.1	.2	.1								1.[illegible]	6.3
VARBL													
CALM												[illegible].5	
	10.[illegible]	24.2	27.4	19.5	7.5	3.[illegible]	.2					100.0	[illegible].7

TOTAL NUMBER OF OBSERVATIONS 692

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83

UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JUN — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	3.5	3.6	.6	.1						10.2	9.7
NNE	.7	2.0	2.4	1.9	.4	.3	.1					7.8	9.3
NE	.4	1.4	1.8	1.8	.3							5.7	9.2
ENE	.8	1.5	1.9	1.1	.2	.1						5.6	8.4
E	.8	1.7	1.6	.5	.0	.0						4.7	6.7
ESE	.4	.7	.6	.2								2.0	6.9
SE	.3	1.0	1.1	.3	.1	.0	.0					2.8	7.6
SSE	.5	1.1	1.8	1.3	.2	.1	.0					5.1	9.0
S	.6	1.8	3.3	2.4	.8	.1						8.6	9.2
SSW	.4	.8	1.1	1.1	.1	.1						3.5	8.9
SW	.4	.8	2.4	3.6	2.1	1.1	.2	.0				10.6	13.7
WSW	.5	1.0	2.9	5.8	2.6	1.3	.1	.0				14.2	13.5
W	.5	1.2	2.9	4.1	1.2	.5	.1					10.4	11.7
WNW	.2	.3	.3	.3	.0	.0						1.1	8.5
NW	.1	.1	.2	.1	.1							.6	8.5
NNW	.2	.5	.5	.6	.2	.0						2.0	10.0
VARBL													
CALM												5.2	
	7.6	17.8	28.3	28.7	8.3	3.6	.4	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 7109

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JUL (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	1.6	1.1	1.1	.7							6.0	8.1
NNE	1.1	2.0	1.3	.8	.3							5.4	7.1
NE	1.0	1.1	1.2	.2	.1							3.6	6.4
ENE	1.1	1.8	1.1	.1								4.1	5.2
E	1.4	.8		.3								2.5	4.8
ESE	.7	1.3	.4	.3								2.4	6.1
SE	.4	1.2	1.3	.3								2.9	6.3
SSE	1.4	1.7	1.5	.4								5.1	6.7
S	1.4	2.7	2.7	1.8	.2							8.9	7.8
SSW	.9	2.1	1.4	1.2	.2	.1						5.9	7.6
SW	1.2	1.4	2.2	3.4	.9	.4						9.4	10.7
WSW	1.2	3.3	4.2	5.5	1.8	.4						16.3	10.6
W	.8	1.5	3.3	4.7	1.3	.8						12.1	11.6
WNW		.7	.3	.4								1.4	8.5
NW		.3	.5	.4								1.3	9.8
NNW	.5	.8	.8	.3	.1	.4						2.9	9.3
VARBL													
CALM												9.8	
	14.5	23.7	22.8	21.4	5.6	2.2						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 921

SU BAL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540 ADAK NAS AK 73-82 JUL
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.1	1.4	1.3	1.0							7.1	6.3
NNE	2.0	2.9	2.2	1.0								8.0	6.3
NE	1.3	1.0	.8	.3								3.4	5.4
ENE	1.1	1.2	.1	.8								3.1	5.9
E	1.2	.1	.3	.4								2.1	5.6
ESE	.1	.2	.7	.2								1.8	6.7
SE	.2	.2	.3	.3								1.7	6.4
SSE	.5	2.1	1.0	.5								4.1	6.4
S	1.6	2.3	2.8	1.2	.1							8.0	7.0
SSW	1.2	1.4	1.5	1.3	.3							5.8	8.1
SW	1.7	1.5	1.6	3.3	1.0	.2						9.3	10.0
WSW	.9	1.7	3.3	5.4	2.2	.5	.1					14.1	11.9
W	1.1	1.4	3.5	4.6	1.7	.5						12.9	11.1
WNW	.1	.4	.4	.2								1.2	6.8
NW	.5	.3	.3	.2								1.4	5.6
NNW	.7	.8	.5	.3	.4	.1						2.8	8.8
VARBL													
CALM												13.1	
	16.5	20.0	20.7	21.4	6.7	1.4	.1					100.0	7.5

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — 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	1.4	2.3	1.5	1.2	.1						7.4	10.0
NNE	1.4	1.5	1.8	.9								5.6	6.7
NE	1.6	1.8	.7	1.1								5.2	6.2
ENE	2.3	1.4	1.2	.3								4.9	5.2
E	1.1	1.3	.5	.4	.3							3.7	6.6
ESE	1.2	1.2	1.3									3.7	5.4
SE	1.1	1.0	.9	.2	.1							3.3	6.0
SSE	.4	1.1	1.7	.4								3.7	7.3
S	.7	1.7	1.8	1.4	.1							5.7	8.2
SSW	.7	1.4	1.6	1.3	.2	.1	.1					5.4	8.9
SW	.7	1.5	1.8	4.1	.9	.4						9.4	11.1
WSW	.4	1.7	4.9	5.1	1.3	.8	.3					14.5	11.9
W	.9	1.8	3.6	5.0	2.3	.7						14.1	11.8
WNW	.2	.1	.3	.1								.8	6.9
NW		.1	.3		.1							.5	9.2
NNW	.2	.8	.9	.4	.3							2.6	9.3
VARBL													
CALM												9.5	
	13.0	20.2	25.7	22.3	6.8	2.1	.4					100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 ADAK NAS AK — 73-82 — JUL
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.3	1.7	3.2	.3	.2						6.4	11.5
NNE	1.5	1.6	2.2	1.3								6.6	7.1
NE	.7	2.5	2.1	.9								6.1	6.8
ENE	1.1	3.0	1.3	.3								5.8	5.6
E	1.5	3.0	1.8	.8								7.2	6.2
ESE	.7	1.5	.5	.2								2.9	5.5
SE	.5	.8	1.1	.2								2.5	6.6
SSE	.3	.3	2.6	.7								4.3	6.1
S	.5	1.3	3.0	2.0	.7	.1						7.6	9.8
SSW	.1	.4	.9	1.4	.4	.2	.1					3.6	12.8
SW	.2	.7	2.9	4.5	1.0	.2						9.5	11.9
WSW	.5	.5	5.0	8.0	2.0	1.1	.1					17.3	12.7
W	.2	.9	3.6	6.3	2.2	1.2	.1					14.5	13.9
WNW	.1		.2		.2							.5	11.4
NW			.2	.1	.2	.1						.7	15.2
NNW	.2	.4	.4	.5		.1						1.7	9.4
VARBL													
CALM												2.7	
	8.5	18.3	29.7	30.3	7.0	3.3	.3					100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

74540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.7	2.4	2.6	.4	.5						6.8	12.4
NNE	.1	1.5	2.1	.9	.2							4.9	8.3
NE	.4	1.1	2.1	1.5								5.1	8.2
ENE	.9	3.3	4.4	1.0								9.4	7.1
E	.3	3.7	2.7	.5	.1							7.9	6.5
ESE	.4	1.6	1.4	.2								3.7	6.4
SE	.2	.5	2.0	.3								3.1	7.7
SSE		.7	2.0	1.6	.1							4.4	9.9
S	.1	.8	2.3	1.6	.5							5.4	10.0
SSW	.1	.4	.4	2.7	.5	.2						4.5	12.6
SW	.2	.5	.8	4.7	1.9	.1						8.2	13.7
WSW		.4	1.6	10.4	4.3	1.1						17.8	14.8
W	.2	.2	2.0	8.1	2.3	1.1	.2					14.1	14.4
WNW			.2	.3	.3							.9	14.5
NW			.2	.7	.2	.2						1.3	15.8
NNW	.2	.1	.3	.8	.1							1.5	11.1
VARBL													
CALM												1.0	
	3.7	15.8	26.9	38.1	11.1	3.3	.2					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.7	3.2	1.1	.3						7.2	12.4
NNE	.3	1.4	2.2	.9	.1	.1						5.0	8.5
NE	.7	1.1	2.8	.9	.1							5.5	7.9
ENE	.7	3.3	4.9	.5								9.4	7.1
E	1.1	3.6	3.5	.5	.3							8.6	7.0
ESE	.2	1.7	1.6	.1								3.7	6.5
SE	.3	.7	1.2	.4	.1							2.7	8.2
SSE	.1	.4	1.3	1.4	.2							3.2	10.8
S	.3	1.0	2.8	2.9	.2							7.3	10.0
SSW		.3	.8	1.5	.4							3.0	11.9
SW	.1	.4	1.7	4.7	1.1	.1						8.2	12.8
WSW	.2	.4	3.0	9.2	3.3	.7						16.9	13.7
W	.1	.4	3.0	6.4	3.9	1.4						15.3	14.7
WNW	.1	.1	.1	.7	.2	.1						1.3	12.7
NW	.1	.1	.2	.5	.2	.1						1.3	12.7
NNW		.1	.4	.2								.8	10.1
VARBL													
CALM												.7	
	4.7	15.7	30.7	34.2	11.3	2.8						100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) Jul (MONTH)

ALL WEATHER (CLASS) 1900-2000 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.8	2.6	2.2	.8							8.1	9.3
NNE	.8	1.5	2.6	1.3								6.2	7.9
NE	.5	2.5	1.6	.4								5.1	6.3
ENE	1.5	2.6	2.2	.9								7.2	6.4
E	.9	3.5	.8	.3	.1							5.5	5.7
ESE	.7	1.1	.9	.2								2.8	6.1
SE	.3	1.1	.5	.3	.1							2.4	7.0
SSE	.3	1.3	3.1	.7	.1							5.5	7.9
S		1.5	3.3	2.5	.3							7.6	9.5
SSW	.2	1.1	1.1	1.6	.1	.2						4.3	10.0
SW	.2	.7	2.3	2.9	.5	.1						6.7	11.2
WSW	.1	1.4	4.7	7.1	1.8	.3						15.4	12.0
W	.4	.5	4.5	6.7	2.1	.4	.1					14.8	12.4
WNW		.4	.7	.2	.2							1.5	9.5
NW	.1	.2	.8	.5	.1							1.7	10.1
NNW	.1	.2	1.1	.8	.3	.1						2.8	10.3
VARBL													
CALM												2.3	
	7.1	21.5	32.6	28.7	6.6	1.2	.1					100.0	9.3

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JUL — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	2.7	1.6	2.0	.5							8.5	7.7
NNE	1.3	3.1	1.4	.9								6.7	6.2
NE	.9	1.7	1.2	.3	.2							4.4	6.5
ENE	.6	.5	.7	.1								2.1	5.7
E	1.6	1.4	.8	.5	.1							4.4	6.0
ESE	1.0	.7	.7	.1								2.4	5.2
SE	.2	1.2	1.4	.3								3.2	6.9
SSE	.7	1.6	1.9	.3	.2	.1						4.9	7.7
S	.8	2.6	3.9	1.6	.1							9.1	6.2
SSW	.8	1.0	.9	1.1	.3	.4						4.5	10.1
SW	.8	1.3	3.3	3.8	.1	.1						9.4	9.7
WSW	.9	2.1	5.9	4.3	2.3	.3						15.7	10.8
W	.9	1.9	2.8	4.6	1.0	.4	.1					11.7	11.2
WNW	.1		.4	.5	.2							1.3	11.6
NW	.5	.1	.3	.1	.2							1.3	7.5
NNW	.7	.2	.5	.8	.4	.2						2.8	11.2
VARBL													
CALM												7.8	
	13.4	22.2	27.7	21.4	5.8	1.6	.1					100.2	8.1

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

724540	ADAK NAS AK	73-82	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	.9	1.4	1.9	2.1	.7	.1						7.2	9.9
NNE	1.1	2.0	2.0	1.0	.1	.0						6.1	7.2
NE	.9	1.6	1.5	.7	.1							4.8	6.8
ENE	1.1	2.1	2.0	.5								5.7	6.3
E	1.2	2.2	1.3	.5	.1							5.2	6.2
ESE	.6	1.2	.9	.2								2.9	6.0
SE	.4	.9	1.0	.3	.0							2.7	6.9
SSE	.5	1.2	1.8	.8	.1	.0						4.4	7.9
S	.7	1.7	2.8	1.9	.3	.0						7.5	8.7
SSW	.5	1.0	1.1	1.5	.3	.2	.0					4.6	9.9
SW	.6	1.0	2.1	3.9	.9	.2						8.8	11.3
WSW	.5	1.4	4.1	6.9	2.4	.7	.1					16.0	12.4
W	.6	1.1	3.2	5.8	2.1	.8	.1					13.7	12.7
WNW	.1	.2	.3	.3	.1	.0						1.1	10.1
NW	.2	.1	.4	.3	.1	.1						1.2	10.5
NNW	.4	.4	.6	.5	.2	.1						2.3	9.9
VARBL													
CALM												5.9	
	10.2	19.6	27.1	27.2	7.6	2.2	.2					100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 7355

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
77-82 — 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	.7	.9	.9	2.0	.2							4.6	6.5
NNE	.5	1.2	1.1	.8	.1							3.9	7.1
NE	.7	1.3	1.1	.2	.1							3.4	6.5
ENE	.4	.[illegible]	.4	.4	.1							2.2	7.4
E	.3	.9	.9	.3	.1							2.5	7.4
ESE	.4	.5	.4	.1	.1							1.5	6.5
SE	.7	.7	1.4	.3	.1							2.3	6.2
SSE	.2	.9	1.4	1.2		.1						4.2	6.4
S	1.5	2.4	3.0	2.2	.1	.3						10.5	6.4
SSW	1.0	1.4	2.7	1.4	.5	.3						7.8	9.1
SW	1.2	1.2	2.7	4.1	1.7	.2						11.2	11.4
WSW	.4	2.7	5.2	6.9	1.9	.5	.2	.1				17.8	11.7
W	.7	1.5	3.9	3.6	1.0	.1	.1	.1				11.0	11.3
WNW	.4	.4	.5	.5	.2							2.2	9.0
NW	.2	.1	.1	.3	.1		.3					1.2	14.6
NNW	.3	.3	.4	.8								1.9	8.7
VARBL													
CALM												11.2	
	10.1	17.5	27.0	25.2	6.4	1.6	.7	.2				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS 918

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

SURFACE WINDS

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

7 45[illegible]	ADAK NAS AK	73-82	A[illegible]
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	1.3	.7	1.9	2.5	.4							6.4	7.6
NNE	.9	.7	1.1	.7	.2							3.5	8.1
NE	1.1	1.2	.9									3.2	4.9
ENE	.2	.1	1.[illegible]	.3	.2							1.9	10.1
E	.9	.[illegible]	.9	.7	.2							3.2	6.3
ESE	.5	.5	.2	.2								1.5	5.6
SE	.5	.4	1.2	.7	.2							3.1	8.5
SSE	1.1	1.5	.9	1.5	.2							5.3	8.1
S	1.3	1.1	3.7	1.9		.1						7.8	8.8
SSW	1.5	2.1	2.2	1.0	.4		.1	.3				8.5	9.2
SW	1.2	1.6	2.3	3.5	1.9	.5	.1	.1				11.2	11.7
WSW	.5	2.4	4.3	5.9	2.[illegible]	1.1						16.7	12.2
W	.[illegible]	1.4	3.7	3.8	1.5	.7	.2					11.9	12.3
WNW	.4	.5	.5	.3	.1							2.3	7.4
NW	.1	.2	.[illegible]	.2	.2	.2	.1					1.3	14.4
NNW	.3	.4	.2	.[illegible]	.2							2.3	10.1
VARBL													
CALM												10.6	
	11.9	15.6	25.1	24.[illegible]	8.4	2.6	.5	.4				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540	ADAK NAS AK	73-82	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	.7	1.6	1.[illegible]	1.6	.9	.1						5.9	9.9
NNE	1.[illegible]	1.3	1.5	.9	.1							5.4	6.7
NE	1.[illegible]	1.3	.9	.3								4.0	5.2
ENE	.[illegible]	.7	.7	.2	.1							2.4	6.6
E	.7	.7	.9	.5		.1						2.4	6.8
ESE	.4	.7	.5	.2	.1							2.0	6.9
SE	.4	1.3	1.[illegible]	.9	.5							4.1	9.1
SSE	.5	1.3	1.6	.7	.3							4.5	8.4
S	1.1	2.1	2.3	2.4	.1							8.0	6.4
SSW	1.1	1.2	2.3	2.[illegible]	.4	.2	.2					7.4	9.8
SW	.5	1.9	3.9	4.[illegible]	.9	.1	.2		.1			11.7	11.1
WSW	.7	2.4	5.4	6.5	2.7	.4		.1	.1			16.4	11.8
W	.4	1.2	3.2	3.6	1.7	.4		.1				10.7	12.2
WNW	.[illegible]	.1	.3	.4	.1							1.3	10.4
NW	.1	.3		.3	.1	.3						1.2	12.8
NNW	.2	.7	.4	.8	.4	.1						2.6	11.3
VARBL													
CALM												6.1	
	10.7	18.6	25.9	25.4	8.6	1.9	.4	.2	.2			100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70454 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.7	1.2	1.6	.8							5.8	9.9
NNE	.5	1.3	1.6	.9	.2							4.5	5.6
NE	1.3	1.3	2.4	.7								5.3	7.0
ENE	.7	2.1	1.4	.7								4.8	6.9
E	1.4	.9	.7	.3	.2							3.5	6.1
ESE	.5	.4	.9	.5	.1							2.5	8.0
SE	.3	1.3	1.1	.3	.4							3.5	8.6
SSE	.1	1.1	2.3	1.4	.5							5.1	10.0
S	.4	.9	2.4	2.8	.5	.1						7.2	10.6
SSW	.2	.3	1.6	3.0	.5	.2	.1					6.1	12.2
SW	.1	1.1	3.5	4.9	3.3	.5						12.9	13.5
WSW	.3	1.6	4.6	9.0	2.4	.4	.3	.4				19.1	13.1
W	.2	.5	2.6	5.0	2.5	.3		.1	.1			11.4	13.4
WNW	.3	.1	.2	.2	.1	.1						1.1	9.4
NW	.1	.1	.3	.1								.7	7.7
NNW	.3	.4		1.3	.4	.4						2.9	13.1
VARBL													
CALM												3.7	
	7.1	15.2	26.0	32.8	12.1	2.2	.4	.5	.1			100.2	10.7

TOTAL NUMBER OF OBSERVATIONS 991

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
AUG — MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.1	1.9	1.5	1.0							4.6	12.0
NNE	.3	1.4	2.0	.8	.3	.1						4.9	8.9
NE	.3	.9	1.5	1.1								3.8	8.7
ENE	.5	3.4	1.9	.4	.2							6.4	6.9
E	.9	2.4	1.3	.7	.1							5.3	6.9
ESE	.5	1.2	1.[illegible]	.4	.2	.1						3.5	7.9
SE	.1	.9	1.1	.7	.2							2.9	8.7
SSE	.3	.9	2.9	1.4	.3	.2						6.1	10.3
S	.2	.5	2.6	2.5	1.1	.1						7.1	11.8
SSW	.1	.3	2.1	2.5	.7	.3	.2					6.2	12.9
SW		.4	3.3	4.7	2.0	.9						11.1	13.5
WSW		1.1	4.0	6.3	4.7	1.3	.5	.1				20.1	14.6
W	.4	.3	2.6	5.7	2.7	.9						12.7	13.8
WNW		.1	.3	.2	.1	.1						.9	12.1
NW	.1	.1	.1	.3	.7	.1						1.4	15.2
NNW	.1	.1	.2	1.1	.3							1.9	12.8
VARBL													
CALM												1.0	
	4.1	14.2	28.8	32.3	14.6	4.0	.8	.1				100.0	11.7

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

704540	ADAK NAS AK	73-82	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

1500-1700 — HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.3	2.1	.4		.1					4.5	11.7
NNE	.3	1.5	2.3	1.2	.7							6.0	9.4
NE	.3	1.1	1.3	.6	.2	.1						3.9	9.0
ENE	1.0	1.3	1.3	.2	.1							3.9	6.1
E	1.3	2.6	1.5	.4								6.1	5.7
ESE	.5	1.6	1.2	.5								3.9	6.6
SE	.3	.5	1.2	.4	.2	.1						3.0	8.6
SSE	.2	.7	2.3	1.8	.5	.1						5.6	10.6
S	.1	1.7	2.9	2.0	.3	.2						7.3	9.9
SSW		.7	1.5	2.7	1.0	.5	.3					6.7	13.8
SW		.3	2.2	4.9	1.4	1.0	.1					9.9	13.9
WSW	.2	.9	4.0	7.0	5.4	1.5						19.1	14.3
W	.1	1.4	3.7	4.2	2.6	.7	.2					13.2	13.1
WNW			.3	.5								.8	11.9
NW		.3	.2	.3	.5							1.3	13.6
NNW	.1	.3	1.3	.7	.7	.1						3.7	10.5
VARBL													
CALM												.9	
	3.1	16.2	28.4	29.9	14.4	4.3	.8					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1800-2200 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) DIR.	1 - 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	1.0	1.2	.8							5.2	9.4
NNE	1.3	1.3	2.2	.5	.6							5.3	8.4
NE	.9	1.3	1.5	.4	.2							4.3	7.9
ENE	1.2	1.3	.6		.1							3.2	5.1
E	1.7	1.3	.4	.3								3.8	4.6
ESE	.4	.9	.9	.4								2.6	6.9
SE	.3	1.3	.9	.9	.1	.1						3.6	8.8
SSE	.8	1.1	2.3	1.2	.1	.5						5.9	9.8
S	.3	1.9	3.8	1.8	.5	.2						8.6	9.6
SSW	.1	1.0	1.7	2.1	.3	.3		.2	.1			5.8	12.2
SW	.4	1.3	1.8	5.1	1.8	.5	.1					11.1	12.7
WSW	.3	1.3	3.9	7.2	4.2	1.3	.2					18.2	13.6
W	.4	1.5	3.7	5.2	1.3	.4						12.5	11.3
WNW	.2	.5	.5	.3		.1	.2					1.9	11.1
NW		.1	.2	.4								.8	9.6
NNW		.1	.8	1.2	.5							2.6	12.8
VARBL													
CALM												4.4	
	8.9	17.4	26.2	28.3	10.7	3.2	.5	.2	.1			100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (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	.3	1.0	2.1	1.4								5.3	6.3
NNE	1.0	1.3	.7	1.2	.1							4.3	7.4
NE	1.3	.7	1.1	.2								2.9	5.8
ENE	1.1	.3	.7	.1	.2	.1						2.9	6.8
E	.3	.9	.4	.5	.1							2.7	6.9
ESE	.3	.5	.9	.1								1.7	7.1
SE	.3	1.3	.7	.7	.1							2.9	8.1
SSE	.9	.9	.7	1.6	.1	.1						4.3	9.1
S	.7	2.4	3.3	1.9	.7	.2	.1					8.8	9.6
SSW	.4	1.4	2.4	1.7	.4	.2	.1					6.8	9.9
SW	1.1	1.9	3.1	3.6	1.2	.2	.1	.3				11.7	11.2
WSW	.9	1.7	3.2	7.2	2.6	.5						16.2	12.3
W	.9	1.9	5.2	3.4	1.7	.2						13.3	10.5
WNW	.1	.4	.3	.2	.2	.2	.1					1.6	12.8
NW	.1	.3	.3	.3			.1					1.2	9.5
NNW	.4	.3	.2	.3	.1							1.4	7.6
VARBL													
CALM												11.3	
	10.3	17.7	25.1	24.8	7.6	1.9	.5	.3				100.3	8.7

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.4	1.7	.6	.0	.0					5.3	10.0
NNE	.8	1.2	1.6	.9	.3	.0						4.7	8.1
NE	.9	1.1	1.3	.5	.1	.0						3.9	6.8
ENE	.7	1.3	1.0	.3	.1	.0						3.5	6.8
E	1.0	1.3	.9	.5	.1	.0						3.7	6.6
ESE	.5	.8	.7	.3	.1	.0						2.4	7.0
SE	.3	1.0	1.1	.6	.2	.0						3.3	8.6
SSE	.6	1.0	1.8	1.4	.3	.1						5.1	9.4
S	.6	1.6	3.1	2.2	.4	.2	.0					8.1	9.6
SSW	.6	1.1	2.1	2.2	.5	.3	.1	.1	.0			6.9	11.0
SW	.6	1.2	2.8	4.4	1.8	.5	.1	.1	.0			11.4	12.4
WSW	.4	1.6	4.3	7.3	3.3	.9	.2	.1	.0			18.2	13.0
W	.5	1.2	3.6	4.3	1.9	.5	.1	.0	.0			12.1	12.2
WNW	.2	.3	.4	.4	.1	.1	.0					1.5	10.2
NW	.1	.2	.2	.3	.2	.1	.1					1.1	12.7
NNW	.2	.4	.4	.9	.3	.1						2.4	11.1
VARBL													
CALM												6.4	
	8.5	16.6	26.6	27.9	10.4	2.7	.6	.3	.1			100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 7352

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540	ADAK NAS AK	73-82	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	1.5	1.8	1.2	1.7	.8	.2						7.2	9.2
NNE	.9	1.6	1.1	1.2	.1	.3						5.3	6.8
NE	.5	1.2	1.5	.3	.1							3.7	6.8
ENE	.3	.6	.8	.3								2.0	7.1
E	.5	.6	.9	.6								2.5	7.7
ESE	.2	.3	.2	.2	.1							1.1	7.8
SE	.3	.1	.2	.1								.5	5.7
SSE	.9	1.1	1.4	.2	.1							3.7	6.3
S	1.5	1.9	.8	1.1	.7	1.3		.1				7.4	10.1
SSW	.9	1.8	1.7	1.4	.8	.8	.1	.1				7.4	11.2
SW	.8	1.6	1.9	2.3	.8	.7	.7					8.7	12.2
WSW	.6	2.4	3.6	2.4	1.6	1.2	.1					11.8	11.7
W	.8	2.6	4.1	3.0	1.5	.6	.1					12.6	10.7
WNW	.6	.7	.9	.8	.3	.3	.3					3.9	12.3
NW	.9	.8	1.9	1.1		.1	.1					4.1	9.8
NNW	.8	.5	1.8	1.7	1.1	.7						6.9	11.8
VARBL													
CALM												10.8	
	11.5	19.6	24.0	18.5	8.0	6.0	1.5	.2				100.3	9.1

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.8	1.9	2.6	.7	.3						8.4	10.0
NNE	.3	1.6	1.4	1.4	.7	.3						5.7	10.6
NE	.7	.6	1.4	.1								2.9	6.6
ENE	.1	.3	.5	.6								1.5	9.6
E	.1	.7	.8	.6								2.2	8.2
ESE	.2	.7		.3								1.2	6.9
SE	.3	.3	.7	.1	.1							1.5	7.6
SSE	.5	.7	.6	.3		.3						2.4	9.0
S	.9	1.5	1.0	1.6	.6	.3	.2					6.1	10.8
SSW	1.7	1.0	1.9	.9	.8	.2	.5	.1				7.1	10.4
SW	1.0	.9	2.5	2.2	.3	.3	.2					7.9	11.4
WSW	.9	2.7	2.8	3.6	1.6	1.5	.3					13.5	12.2
W	1.2	1.8	4.6	3.6	.9	.8						13.2	10.4
WNW	.5	.5	1.0	.1			.5					2.5	11.0
NW	.6	.5	.7	1.4	.6	.2						3.9	10.9
NNW	1.0	.2	2.0	1.9	.6	.7						6.5	11.6
VARBL													
CALM												13.6	
	11.0	16.1	23.8	21.3	6.8	5.6	1.7	.1				100.0	9.1

TOTAL NUMBER OF OBSERVATIONS 682

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4640 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.5	2.3	2.9	.8	.3						8.5	10.2
NNE	1.1	1.7	1.6	2.0	.4	.1						7.0	8.9
NE	.3	1.1	1.2	.8	.2							3.7	8.6
ENE		.5	.7	.3	.1							1.7	9.1
E	.6	.4	.8	.4	.1							2.4	8.0
ESE	.3	.2	.6	.1								1.2	6.5
SE	.3	.6	.3	.3	.1							1.7	7.3
SSE	.7	1.0	.9	.4	.4	.2	.2					3.9	10.6
S	.3	1.3	1.1	2.0	1.1		.2	.1				6.7	11.4
SSW	1.1	.7	.9	.8	.4	.2	.1	.2				4.5	10.8
SW	.6	2.6	2.4	2.0	.7	.9	.7	.1				9.9	11.9
WSW	.9	1.8	3.3	3.0	.6	1.6	.2					11.7	11.8
W	1.1	1.5	4.6	3.9	.3	.2	.3	.1				12.1	10.5
WNW		.7	1.1	.6	.3	.3	.2	.1				3.4	13.6
NW	.2	.4	.6	.8	.6	.1						2.7	11.0
NNW	.2	1.0	1.9	1.1	1.8	.3						6.4	12.2
VARBL													
CALM												12.5	
	9.3	17.2	23.9	21.6	8.4	4.4	2.0	.7				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540	ADAK NAS AK	73-82	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	.7	1.2	3.9	5.3	1.2							12.3	10.9
NNE	.5	1.5	2.0	.9	.6	.5	.1					6.0	10.2
NE	1.1	2.3	1.7	1.0	.1							6.2	7.5
ENE	.5	1.2	1.2	.6	.1							3.6	7.3
E	.7	.8	.5	.6								2.5	7.1
ESE	.5	.6	.5	.3								1.9	6.4
SE	.6	.3	.3	.3	.1	.1	.1					1.9	9.7
SSE	.3	1.0	1.7	.8	.1	.1	.1					4.2	9.6
S	1.2	1.2	1.8	2.4	.3	.3		.1				7.5	10.2
SSW	.5	.2	1.5	1.4	.5	.5	.3					4.8	13.6
SW	.3	1.0	1.8	2.9	1.7	1.2	.5					9.5	14.4
WSW	.2	1.2	4.6	4.8	1.9	.9	.2	.1				14.0	12.8
W		1.6	2.8	4.2	1.9	.3	.3					11.2	12.7
WNW		.1	.6	.8	.2	.1	.1	.2				2.2	16.4
NW		.3	.5	.8	.6							2.2	12.3
NNW		.5	1.7	1.9	1.4	.7	.1					6.2	14.1
VARBL													
CALM												3.7	
	7.1	15.2	27.1	29.0	10.8	4.8	1.9	.5				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS 883

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
77-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
1000-1400 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.0	5.2	2.4	.3						13.2	12.5
NNE	.1	.7	1.9	1.1	.6	.1						4.7	10.7
NE	.3	2.0	1.8	.9	.2	.1						5.1	7.3
ENE	.8	2.8	2.4	.9	.2							7.1	7.0
E	.3	1.2	.6	.7	.5	.1						3.3	9.4
ESE	.2	.2	.9	.1								1.6	7.1
SE	.1	.3	.6	.2	.3							1.6	10.6
SSE		.2	1.7	.6		.2	.1	.1				3.0	11.9
S	.1	.5	3.2	2.9	2.0	.3	.2					9.2	13.3
SSW	.2	.2	1.2	.7	.3	.5						3.2	12.2
SW	.1	.1	1.2	1.6	1.8	1.2	.7	.3				6.3	17.3
WSW		.6	3.5	5.5	2.8	.8	.2	.1				13.1	13.5
W		1.0	2.6	4.8	1.6	1.2	.2	.3				11.8	14.6
WNW		.2	1.0	1.9	.6	.2	.2					4.2	14.2
NW		.1	.3	1.2	.3	.5						2.5	14.9
NNW		.2	1.5	3.0	1.4	.2						6.4	13.8
VARBL													
CALM												.6	
	2.5	12.7	28.4	33.0	14.2	5.0	1.7	.9				100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 (STATION) ADAK NAS AK (STATION NAME) 77-82 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.3	4.4	5.2	1.8	.6						13.5	12.1
NNE	.2	1.8	1.3	.8	.1	.2						4.5	8.8
NE	.2	1.2	2.2	.8	.1							4.5	8.2
ENE	.4	1.2	2.4	.6								4.5	7.4
E	.4	1.8	.2	.3	.2	.1						3.1	7.3
ESE	.3	.7	.6	.9								2.5	8.3
SE	.2	.6	1.7	.1	.1							2.7	7.7
SSE	.1	1.2	1.5	.2	.2	.1						3.4	8.5
S	.1	.8	2.6	2.5	.9	.6	.1					7.3	12.9
SSW			1.6	1.1	.6	.3	.2					3.8	14.6
SW		.3	1.8	2.8	1.7	1.1	.2	.4				8.4	16.3
WSW		.6	4.5	4.8	2.4	.7	.2					13.1	13.3
W		.7	4.3	4.4	2.7	.8	.4	.2				13.5	14.4
WNW	.2	.2	.8	1.2	.4	.2	.1					3.3	13.1
NW	.2	.4	1.2	1.2	.1	.4						3.7	11.4
NNW	.1	.7	2.4	2.9	1.0		.1					7.2	12.1
VARBL													
CALM												.6	
	2.9	13.4	33.4	29.9	12.4	5.2	1.5	.7				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.4540	ADAK NAS AK	73-82	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1200-2400
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	3.5	3.4	3.2	.9	.1						12.4	9.1
NNE	.4	1.8	.7	.9	.7							4.6	9.2
NE	1.1	.9	1.3	.2								4.0	6.3
ENE	.6	1.1	1.8	.3								3.7	6.9
E	.3	1.2	.4	.1								2.1	5.5
ESE	.2	1.2	.2	.4	.1							2.2	7.1
SE	.6	.9	.6		.1							2.1	5.8
SSE	.2	.9	.9	.4								2.5	7.1
S	.3	1.9	1.8	2.1	1.1	.9	.1					8.2	12.3
SSW	.7	.6	1.5	1.1	.1	.1						4.3	9.4
SW	.3	1.5	2.5	3.7	1.3	1.3	.2	.1				11.0	13.4
WSW	.3	1.3	3.1	2.5	1.1	.7	.2					9.3	12.2
W	.6	2.1	4.1	3.2	1.5	1.1	.4					13.0	12.2
WNW	.1	.5	.8	1.1	.3	.1	.1					3.4	10.9
NW	.3	.2	1.6	.8	.6	.1						3.6	10.7
NNW	.9	1.6	2.5	2.7	.9	.4						8.9	10.5
VARBL													
CALM												5.0	
	3.6	21.1	27.5	22.9	8.7	4.8	1.1	.1				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 894

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]4 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS) 2100-2300 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	2.0	1.5	1.8	.9	.2						7.3	9.5
NNE	1.2	1.5	1.6	1.1	.2	.3						5.9	8.7
NE	.6	1.0	1.2	.1								2.9	6.1
ENE	.3	.9	1.2	.2	.1							2.7	7.4
E	.3		1.[illegible]	.2								1.6	8.0
ESE	.9	.6	.7	.3								2.1	6.6
SE	.7	.7	.4	.2								2.0	5.7
SSE	.6	1.[illegible]	.7	.2	.1							2.6	6.7
S	1.0	1.9	1.2	1.7	1.6	.6						6.0	11.2
SSW	.4	.8	1.2	1.2	.2	.7	.1					4.8	11.3
SW	1.[illegible]	1.3	3.[illegible]	2.2	1.2	.9	.2					10.3	11.3
WSW	1.0	3.1	3.1	3.4	.7	1.3	.1					12.3	10.6
W	.9	1.9	2.6	2.7	.3	.6	.1	.1				9.2	10.4
WNW	.7	.6	.7	.7	.3	.2						3.1	9.9
NW	.6	.8	1.7	.9	.4	.1	.1					4.6	10.1
NNW	.7	1.0	2.4	2.4	1.3	.4						8.2	11.4
VARBL													
CALM												11.4	
	11.4	19.1	25.[illegible]	17.4	7.5	5.4	.7	.1				100.[illegible]	8.8

TOTAL NUMBER OF OBSERVATIONS 892

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

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	2.8	3.5	1.2	.3						10.3	10.6
NNE	.5	1.5	1.4	1.2	.4	.2	.0					5.5	9.5
NE	.5	1.3	1.6	.5	.1	.?						4.2	7.2
ENE	.4	1.1	1.4	.5	.1							3.4	7.4
E	.4	.5	.7	.4	.1	.0						2.4	7.7
ESE	.?	.6	.5	.4	.?							1.8	7.1
SE	.4	.5	.6	.2	.1	.?	.?					1.8	7.6
SSE	.4	.?	1.2	.4	.1	.1	.1	.0				3.2	8.6
S	.8	1.4	1.7	2.?	1.0	.5	.1	.0				7.6	11.6
SSW	.7	.7	1.4	1.1	.5	.4	.2	.1				5.0	11.5
SW	.5	1.2	2.2	2.7	1.2	1.0	.4	.1				9.4	13.4
WSW	.5	1.8	3.6	3.7	1.5	1.1	.2	.0				12.4	12.3
W	.6	1.6	3.7	3.7	1.3	.7	.3	.1				12.1	12.0
WNW	.?	.4	.9	.9	.3	.2	.2	.?				3.2	12.6
NW	.3	.4	1.1	1.0	.4	.2	.0					3.4	11.1
NNW	.5	.8	2.?	2.2	1.2	.4	.0					7.1	12.1
VARBL													
CALM												7.3	
	8.0	16.8	26.6	24.4	9.6	5.2	1.5	.4				100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 7137

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 ADAK NAS AK 73-82 OCT
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.4	2.[illegible]	2.7	.7							7.9	9.3
NNE	.7	.9	1.3	1.5	.5	.2						5.1	10.6
NE	.1	.1	.1	.8	.4	.2						1.7	14.5
ENE		.7	.4	2.3	.9	.1						4.2	12.8
E		.2	.8	1.0	.2		.1					2.3	12.1
ESE	.3	.5	.2	.5								1.6	7.1
SE	.2	.1	.2	.3								.9	6.4
SSE	.2	.4	.8	.8	.4	.2	.1					2.9	12.3
S	.3	.9	1.2	.9	.7	.8	.1	.1				4.9	13.3
SSW	1.2	.3	.2	1.[illegible]	.4	.9	.4	.1	.1			5.1	14.2
SW	1.3	.4	1.9	1.8	1.4	1.2	1.[illegible]					9.3	15.3
WSW	1.1	2.7	2.7	2.6	1.4	.7	.1		.2	.1		11.6	11.8
W	1.2	4.1	3.3	2.6	1.1	.5	.5	.4				13.8	11.0
WNW	.5	1.3	1.7	.9	.8	.3	.4	.2				6.2	12.8
NW	1.2	.9	1.8	1.7	.7	.1						6.4	9.3
NNW	.1	1.[illegible]	2.1	1.8	.4	.3	.2					6.3	11.7
VARBL													
CALM												10.5	
	9.3	16.4	20.6	25.2	9.9	5.5	3.4	.9	.3	.1		100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70450 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.5	1.3	2.2	1.0							7.3	9.3
NNE	.2	.5	1.6	1.4	.9	.1						5.1	11.3
NE	.5	.1	1.1	.7	.4							2.5	10.9
ENE	.4	.2	.7	1.7	.5							3.6	11.8
E	.3	.3	1.4	.5	.1	.2						3.6	9.2
ESE	.1	.1	.3	.2								.8	8.4
SE	.4		.1									.5	3.4
SSE	.5	.2	.5	1.0	.1		.1					2.5	10.2
S	.3	1.0	1.2	1.7	.5	.7	.3	.1				5.9	13.1
SSW	1.5	.9	.7	.3	.5	.7	.5	.1	.1			5.3	13.0
SW	1.1	1.1	1.7	2.4	1.7	1.2	.7			.2		10.1	14.3
WSW	1.3	1.6	2.3	2.8	1.5	.9		.3	.1			11.9	11.7
W	1.1	3.1	2.1	2.6	.9	.8	.3	.3				11.1	11.3
WNW	.9	1.1	2.0	1.1	.3	.2	.1	.2				5.9	10.5
NW	.1	1.1	2.2	1.3	.4	.3						5.5	10.5
NNW	.2	.3	2.1	2.3	.9	.5						6.8	12.2
VARBL													
CALM												11.6	
	11.1	14.4	21.3	22.6	9.9	5.6	2.1	1.1	.2	.2		100.0	10.2

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4542 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) JLY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	1.3	1.6	1.6	.8	.2	.1					7.5	9.2
NNE	.7	1.1	1.9	1.9	.8	.5						6.5	11.2
NE	.4	.3	.8	.5	.8							2.8	11.0
ENE	.4	.2	.3	1.1	.1	.1						2.3	10.5
E	.2	.3	.3	.9	.1	.2						2.1	11.5
ESE	.1	.2	.4	.8								1.5	10.2
SE	.1	.2	.1	.2	.1							.6	9.3
SSE	.5	.4	.9	.3	.2	.1		.3				2.8	11.7
S	1.1	1.1	1.2	1.3	.5		.4	.1				5.8	11.1
SSW	.3	.7	.8	.8	1.0	.5	.4	.4				4.9	16.1
SW	1.0	1.1	1.0	2.2	2.2	1.6	.4	.2				9.7	15.2
WSW	1.0	1.0	3.1	2.0	1.0	.7	.3	.2		.1	.1	10.3	12.5
W	1.3	1.6	3.5	2.1	1.7	1.3	.2	.1		.1		12.2	12.3
WNW	.5	1.1	.9	.5	.5	.4						4.0	10.3
NW	.1	1.7	2.6	.7	1.0	.2						6.3	10.1
NNW	.5	.7	1.6	2.7	1.0	.2						6.8	11.8
VARBL													
CALM												13.8	
	9.7	14.7	20.9	19.5	11.9	6.2	2.0	1.4		.2	.1	100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 917

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
77-82 — YEARS
OCT — MONTH

ALL WEATHER — CLASS
(900-1100) — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	3.2	2.5	3.7	.8	.2						10.9	9.8
NNE	.2	.2	2.0	1.5	.8	.0						6.2	12.1
NE	.1	1.0	.8	1.0	.5	.1						3.7	10.3
ENE	.2	1.0	.6	1.2	.4	.1						3.9	10.1
E	.4	.1	.4	1.1		.2						2.3	10.6
ESE	.2	.3	.3	.6	.1							1.7	9.8
SE	.4	.7	.9	.4								2.4	7.2
SSE	.2	1.2	.8	.3	.4							3.5	8.1
S	.1	.7	1.8	1.1	.0	.2		.1	.1	.1		5.8	12.5
SSW	.0	.2	1.1	1.0	.7	.3		.2		.1		4.1	13.8
SW		.1	2.0	2.6	2.1	1.4	.2	.5	.1	.1		10.2	17.8
WSW	.0	.0	2.6	2.8	1.3	1.8	.5	.2				11.9	14.5
W	.4	1.1	3.4	3.6	1.2	.8	.1	.1		.1	.2	11.8	13.3
WNW	.1	.3	1.2	.9	1.0	.5						4.6	13.0
NW	.1	1.2	1.7	.8	.5	.2	.2	.1				4.9	11.6
NNW	.3	.9	1.6	2.4	1.2	.4						6.9	12.1
VARBL													
CALM												5.3	
	6.3	15.5	23.9	26.1	11.8	7.4	1.5	1.3	.2	.4	.2	100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 919

CL[illegible]BAL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 4540 STATION — ADAK NAS AK STATION NAME — 73-82 YEARS — OCT MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	3.5	4.8	2.[illegible]	.5						11.7	12.6
NNE	.1	1.1	1.4	1.6	.4	.2						4.9	10.8
NE		1.[illegible]	1.4	.5	.1	.2						3.6	9.3
ENE	.4	1.1	1.9	1.5	.8	.1						5.8	10.4
E	.1	.9	.9	.4	.4	.1						2.8	9.8
ESE	.[illegible]	.[illegible]	.7	.3								2.1	7.3
SE	.1	.3	1.3	.7	.1	.2						2.7	10.7
SSE	.1	.4	1.7	1.0	.1	.1						3.5	9.8
S	.1	.[illegible]	1.5	.8	.5	.1		.1				3.9	11.5
SSW		.4	.1	1.4	.9	.7	.4	.2				4.2	18.2
SW	.1	.3	1.[illegible]	3.1	2.5	2.1	.9	.2				10.2	16.1
WSW	.3	1.0	1.9	3.8	2.1	1.7	.5	.2				11.6	15.4
W	.[illegible]	.2	3.5	4.6	2.1	1.3	.3	.4		.2		12.9	15.4
WNW	.1	.4	1.6	1.6	.7	.4	.1					5.0	12.9
NW		.[illegible]	1.0	1.9	1.1	.5						5.0	13.7
NNW	.3	.[illegible]	2.1	4.0	1.1	.2						8.2	12.6
VARBL													
CALM												1.9	
	2.6	10.7	25.5	32.1	14.9	8.6	2.3	1.2		.2		1[illegible].[illegible]	13.2

TOTAL NUMBER OF OBSERVATIONS 515

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
OCT — MONTH
ALL WEATHER — CLASS
1500-1700 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.[illegible]	4.0	4.4	1.3	.2						11.6	11.5
NNE	.1	.4	2.1	1.3	.3	.2						4.5	11.3
NE	.3	1.2	1.7	1.2	.3	.1						4.9	9.6
ENE	.4	1.0	1.6	1.2	.5							4.8	9.4
E	.[illegible]	.[illegible]	1.2	1.1	.4	.3						4.5	10.6
ESE	.1	.[illegible]	.3	.3								1.3	7.4
SE	.7	.[illegible]	.9	.7		.1						3.1	8.3
SSE	.2	.[illegible]	1.5	.3		.1						3.[illegible]	8.2
S		.[illegible]	1.4	.[illegible]	.2	.1						3.3	9.9
SSW	.[illegible]	.3	.2	1.1	.[illegible]	.1	.3	.3				3.4	17.5
SW	.1	.7	1.9	3.5	1.7	2.0	.2	.3		.1		10.5	16.5
WSW	.1	1.2	3.3	4.[illegible]	1.7	1.[illegible]	.3					11.7	13.2
W	.1	1.7	1.7	3.6	3.4	.7	.9	.3				12.5	15.4
WNW	.1	.[illegible]	1.3	1.7	.4	.5	.1	.1				5.2	12.8
NW	.3	.[illegible]	2.1	1.5	.8	.[illegible]	.1					5.8	11.5
NNW	.1	.3	2.7	3.7	1.7	.2	.1					9.0	13.1
VARBL													
CALM												1.1	
	3.6	13.8	28.1	3[illegible].5	13.8	5.9	2.1	1.1		.1		100.0	12.4

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4543 ADAK NAS AK 73-82 OCT
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	1.0	2.4	2.8	3.0	1.5	.1						11.7	10.5
NNE	.7	.9	1.0	1.3	.3	.1						6.3	9.6
NE	.3	.5	.9	1.2	.3	.4						3.9	11.3
ENE	.4	.5	.4	1.5	.4							3.7	10.2
E	.4	.5	1.3	1.4	.4	.1						4.2	10.6
ESE	.2	.1	.4									.9	5.4
SE		.2	.2	.3	.3	.1						1.3	13.2
SSE	.1	.4	1.1	.4	.5	.1						2.7	11.6
S	.2	.2	.9	1.1	.1	.2						3.4	10.8
SSW	.4	.6	.8	1.4	.2	.4	.1					4.2	11.4
SW	.7	1.2	2.1	2.1	.3	1.1	.5	.2	.1	.1		8.4	14.5
WSW	1.1	1.4	2.2	2.4	1.7	1.3						10.1	12.3
W	.5	3.5	3.0	2.3	1.9	1.1	.5	.4		.1		13.4	12.9
WNW	.2	1.5	1.5	1.1	.5	.2	.2	.1	.1			5.8	12.2
NW	.2	.5	2.0	2.0	1.4	.1	.1					6.3	12.3
NNW	.7	1.2	2.0	3.7	.7	.3	.1					8.6	11.3
VARBL													
CALM												5.5	
	7.1	17.3	24.5	26.1	10.7	5.9	1.7	.8	.2	.2		100.2	11.1

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

25540	ADAK NAS AK	73-82	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	.9	1.3	2.1	2.7	.9	.1	.2					8.2	10.9
NNE	.4	1.2	2.4	2.2	.7	.2						7.0	10.5
NE	.1	.4	.4	.5	.3	.2						2.1	11.6
ENE	.3	.4	.3	2.0	1.2	.3						4.6	13.9
E	.1	.3	1.3	.6	.1							2.9	9.4
ESE	.1	.4	.2	.1								.9	6.0
SE	.1	.2	.2		.1	.3						1.0	12.6
SSE	.3	.5	.7	.4	.4	.1						2.5	9.9
S	.7	1.0	1.1	1.2	.9	.2	.2	.2				5.3	12.3
SSW	1.3	.7	.4	.4	.2	.5						3.6	9.2
SW	1.1	.9	1.7	2.6	1.7	1.7	.4	.1	.1			10.3	14.9
WSW	.7	2.3	2.6	2.6	1.2	.7	.2	.2				10.4	11.7
W	.9	2.6	3.3	2.6	.8	1.3	.8	.4	.1			12.7	13.3
WNW	.5	1.2	2.4	1.4	.4	.2	.1	.4	.1			6.8	12.2
NW	.7	1.2	2.0	1.0	.9							5.5	9.4
NNW	.7	.9	2.0	3.0	.7	.1						7.3	10.7
VARBL													
CALM												9.2	
	8.7	15.6	23.0	23.6	10.2	6.1	2.0	1.4	.3			100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 523

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7,4540	ADAK NAS AK	73-82	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	.8	1.7	2.5	3.3	1.1	.2	.0					9.6	10.6
NNE	.4	.9	2.3	1.6	.6	.3						5.7	10.9
NE	.2	.7	.9	.8	.4	.2						3.2	10.7
ENE	.4	.7	.8	1.6	.6	.1						4.1	11.2
E	.3	.5	1.0	.6	.3	.1	.0					3.1	10.4
ESE	.2	.4	.4	.4	.2							1.3	7.9
SE	.3	.3	.5	.3	.1	.1						1.6	9.2
SSE	.4	.6	1.0	.6	.3	.1	.0	.0				2.9	10.2
S	.4	.9	1.3	1.1	.5	.3	.1	.1	.0	.0		4.8	12.0
SSW	.7	.6	.5	.9	.6	.5	.3	.2	.0	.0		4.4	14.2
SW	.6	.9	1.6	2.5	1.7	1.5	.8	.2	.0	.1		9.8	15.9
WSW	.9	1.6	2.6	3.0	1.5	1.1	.3	.1	.0	.0	.0	11.2	12.9
W	.7	2.4	3.0	3.0	1.6	1.0	.5	.3	.0	.1	.0	12.5	13.1
WNW	.4	1.0	1.6	1.2	.5	.4	.1	.1	.0			5.4	12.1
NW	.3	1.0	1.9	1.3	.8	.2	.1	.0				5.7	11.0
NNW	.4	.8	2.0	3.0	1.0	.3	.1					7.4	12.0
VARBL													
CALM												7.3	
	7.3	14.8	23.5	25.5	11.6	6.4	2.1	1.1	.2	.2	.0	100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 7350

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540 STATION — ADAK NAS AK STATION NAME — 72-82 YEARS — NOV MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.5	2.2	.8	1.7	.4	.1					7.2	10.9
NNE	.2	.7	1.2	1.8	.6	.2	.4	.2				5.7	14.2
NE	.1	.2	.8	1.2	.2	.2						2.8	12.3
ENE		.3	.1	.9	.6	.8	.2					2.8	17.8
E	.4	.4	.4	.4	.2	.1						2.1	9.1
ESE													
SE		.2	.3	.7	.2	.1						1.5	12.1
SSE	.1	.1	1.2	.8	.3		.2	.3				3.5	14.4
S	.3	.8	1.3	1.3	.7	1.5	.1	.2				6.7	14.1
SSW	.3	1.3	1.5	1.2	1.1	1.5	.6	.3				8.0	15.2
SW	1.0	.6	1.7	2.7	1.9	1.2	.8	.4	.1			10.8	15.8
WSW	1.0	1.8	2.9	3.8	2.4	1.0	.3					13.8	13.3
W	.6	2.1	2.2	2.2	1.7	2.5	.4	.1				11.7	14.4
WNW	.8	1.2	1.3	1.0	1.0	.8		.2	.1			6.5	13.0
NW	.3	.5	.8	1.1	1.0	.4	.1					4.6	13.0
NNW	.4	.7	1.2	1.8	.7	.6						4.6	12.3
VARBL													
CALM												7.7	
	7.5	13.5	19.3	20.4	13.8	12.2	3.5	1.9	.2			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 892

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

SURFACE WINDS

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

[illegible]4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.7	1.3	1.5	1.2	.4						6.6	11.1
NNE	.7	.2	1.8	1.3	.8	.9	.4	.2	.1			6.2	16.3
NE	.1		1.2	.8								2.1	10.4
ENE		.2	.8	.6	.4	.6	.1					2.7	15.0
E	.[illegible]	.2	.7	.8	.2							2.1	10.8
ESE	.2	.1	.1	.3								.8	7.7
SE			.1	.F	.2							1.1	13.6
SSE	.1	.3	.8	.9	.2	.3	.2					2.9	13.4
S	.7	1.2	1.1	1.9	1.[illegible]	1.2	.6	.3				7.7	15.4
SSW	.[illegible]	.8	.7	1.1	.8	1.6	.8	.6		.1		7.3	17.6
SW	.7	.7	1.6	2.1	2.2	1.[illegible]	.9	.4	.3	.2		10.2	18.0
WSW	.6	1.3	2.4	4.[illegible]	1.8	1.7	.2	.1				12.1	14.0
W	.9	1.[illegible]	3.2	2.2	1.[illegible]	.7	1.0	.1				11.1	13.2
WNW		1.[illegible]	1.5	1.1	1.8	.2	.1	.3				6.0	14.3
NW	.1	.[illegible]	.6	1.2	.9	.3	.1					4.0	13.6
NNW		.[illegible]	1.[illegible]	1.8	.9	.9	.1					6.2	13.6
VARBL													
CALM												10.9	
	4.9	11.[illegible]	19.4	22.5	14.7	9.9	4.6	2.1	.4	.3		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4340	ADAK NAS AK	73-82	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.8	2.1	1.0	.7						7.7	11.3
NNE		.9	1.7	1.5	1.1	1.2	.2	.2	.1			6.9	15.5
NE	.2		.7	1.1	.4	.2	.1					2.5	14.1
ENE		.2	.3	.7	.3	.1	.3					2.1	15.4
E	.2	.2	.7	.8								1.9	9.6
ESE		.2	.3	.3	.3							1.2	12.0
SE	.2	.4	.2	.9	.2	.1						2.1	11.5
SSE	.2	.4	.4	1.3	.2	.9	.4					4.1	15.3
S	.9	.7	1.1	1.5	.6	1.6	.3	.1	.1			6.7	16.0
SSW	1.5	1.0	1.3	.8	.8	1.1	.4	.1				6.9	13.4
SW	1.3	.4	2.0	2.6	1.9	1.3	1.1	.6	.2	.2		11.9	17.3
WSW	.5	.7	2.1	3.8	1.4	1.5	.7			.2		11.5	15.2
W	.5	1.2	2.1	2.5	1.6	1.2	.8	.2				9.9	14.5
WNW	.4	.5	.9	1.6	.4	.4						4.5	11.3
NW	.1	.7	1.3	1.6	.6	.7	.1					5.0	13.0
NNW	.4	.1	1.5	1.6	.3	.9						4.8	13.2
VARBL													
CALM												9.7	
	7.4	9.5	18.5	24.7	11.6	11.9	4.6	1.2	.4	.4		100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70340	ADAK NAS AK	73-82	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	.3	1.1	1.8	1.8	.4	.3	.2	.1				6.3	12.1
NNE	.2	.	1.5	2.9	1.7	.2	.1	.5				7.9	14.5
NE	.3		.6	1.0	.2	.2	.2					2.5	14.5
ENE		.	.2	.8	.2	.1		.3				1.9	17.2
E	.1	.2	.7	.6	.3							1.9	11.1
ESE	.1	.2	.3	.6	.2	.1						1.9	12.5
SE	.2	.2	.1	.3	.6	.2						1.7	13.4
SSE	.1	.3	.8	1.0	.6	.9						4.2	13.5
S	.2	1.1	1.5	2.2	.9	1.1	.5	.1	.2			7.9	15.5
SSW	.7	1.	.9	1.4	1.	.2	.7			.1		5.9	14.2
SW	.3	.7	1.4	3.3	2.6	1.9	1.1	.8				12.5	17.8
WSW	.3	.5	1.6	3.7	2.9	1.9	.2	.2				11.3	16.2
W	.3	.7	3.6	1.9	1.7	1.7	.9	.1				11.3	14.5
WNW	.3	1.1	1.7	1.9	.9	.5	.1					6.6	11.5
NW	.2	.	1.1	1.5	.3	.1						3.5	11.2
NNW		.	1.5	1.4	.3	1.1	.					4.9	14.9
VARBL													
CALM												7.4	
	4.9	9.7	19.1	2.6	15.1	10.5	4.2	2.2	.2	.1		100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 693

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

SURFACE WINDS

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

[illegible] 4840 — STATION
ADAK NAS, AK — STATION NAME
73-82 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1300-1400 — 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	.[illegible]	1.[illegible]	1.5	.7	.5	.3					5.7	12.4
NNE	.1	.7	1.1	2.8	1.[illegible]	.5	.2	.2				6.7	14.6
NE		.[illegible]	.3	.[illegible]	.1		.3	.2				2.5	14.9
ENE	.2	.[illegible]	.6	1.1	.2	.1	.2		.1			3.4	12.9
E	.1	.[illegible]	1.1	.[illegible]	.[illegible]	.[illegible]						[illegible].0	11.2
ESE		.1	.[illegible]		.1	.3						.8	15.7
SE	.[illegible]	.[illegible]	.1	.5	.7	.5	.1					2.3	16.2
SSE	.1	.[illegible]	.6	1.[illegible]	.[illegible]	.[illegible]						3.8	12.9
S	.5	1.4	2.1	1.7	1.7	.6	.7	.2				8.8	14.1
SSW	.6	.7	1.[illegible]	1.4	1.[illegible]	.5	.[illegible]	.1				6.1	15.4
SW	.2	.[illegible]	1.9	1.2	2.[illegible]	2.4	1.7	.6	.[illegible]			1[illegible].1	20.5
WSW	.3	.[illegible]	2.9	2.8	2.8	2.9	.2	.2				13.2	15.5
W	.[illegible]	1.[illegible]	2.3	4.8	1.5	1.9	.8	.2				12.9	15.4
WNW	.1	.[illegible]	.8	1.6	1.[illegible]	.[illegible]	.2					[illegible].0	13.4
NW	.1	.[illegible]	2.4	1.[illegible]	.9	.6						6.3	12.3
NNW		.[illegible]	1.4	2.3	.[illegible]	.[illegible]	.3					5.4	15.5
VARBL													
CALM												[illegible].1	
	[illegible].2	11.3	20.4	25.7	16.[illegible]	12.7	5.1	1.8	.7			[illegible]00.0	14.5

TOTAL NUMBER OF OBSERVATIONS 687

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

SURFACE WINDS

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

7 4340 — STATION
ADAK NAS AK — STATION NAME
7?-8? — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1900-1700 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.5	1.5	1.6	.6	.7	.3					6.4	12.3
NNE	.1	.5	1.9	1.8	1.6	.7	.2	.1				6.9	13.6
NE	.4	.4	.4	.7	.1	.7						2.8	12.0
ENE	.2	.7	.8	.9	.7	.1	.3	.2				3.9	14.2
E	.5	.6	.7	.7	.3							2.6	9.9
ESE		.2	.1	.4			.3	.1				1.1	16.5
SE	.3	.5	.1	.4	.2	.2	.1					2.1	11.9
SSE	.3	.9	.4	1.1	1.0	1.3	.3					5.2	15.3
S	.7	1.6	1.6	1.6	.6	.7	.8	.3	.1			7.9	14.0
SSW	.2	.5	.7	1.5	1.2	.7	.7	.1		.1		6.3	17.3
SW	.7	.6	2.6	2.1	1.9	2.2	.7	.4	.1			11.4	16.5
WSW	.4	.4	2.2	3.4	2.2	2.1	1.3	.1				11.8	16.5
W	1.1	1.2	2.9	3.9	3.3	1.6	.6	.1				14.7	14.3
WNW	.1	.3	1.9	1.3	.7	.6	.1					5.3	12.6
NW	.2	.3	.6	1.3	.4	.7						3.9	12.9
NNW	.5	.4	1.7	2.4	.3	.4	.1	.2				6.2	12.6
VARBL													
CALM												1.8	
	6.1	12.1	19.9	25.2	15.2	12.3	5.5	1.8	.2	.1		100.2	14.5

TOTAL NUMBER OF OBSERVATIONS 889

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
NOV — MONTH
ALL WEATHER — CLASS
1500-2000 — 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	1.1	1.3	1.0	.8	.7	.4					6.5	12.1
NNE	.1	.7	1.9	1.9	1.5	.7	.6					7.3	14.5
NE	.3	.9	.3	.7	.3	.7						2.2	12.1
ENE	.1	.7	.7	.7	.4	.6	.1	.1				3.2	14.7
E	.3	.3	.6	.8	.2	.1						2.0	10.8
ESE	.1	.3	.2	.3								1.0	8.1
SE	.2	.3	.3	.6	.1	.1		.1		.2		2.0	16.4
SSE	.1	.4	.8	1.8	1.3	.2	.1	.2				4.8	15.2
S	.6	1.1	1.8	1.1	1.3	.7	.6	.1		.1		7.2	14.3
SSW	1.2	.9	.6	.6	.9	1.1	.8	.1		.1		5.8	15.4
SW	.3	.8	1.3	2.2	2.1	1.2	.6	.2	.1	.2		9.2	17.2
WSW	.8	1.3	2.6	2.8	2.9	1.5	.8	.1				12.8	14.5
W	.9	2.1	3.4	2.8	2.5	1.7	1.3					14.6	14.0
WNW	.8	.6	1.0	1.2	.9	.4	.2	.2				5.4	13.7
NW	.3	.4	1.0	1.6	.9	.3	.1					4.7	13.0
NNW	.5	.2	1.6	1.6	.9			.1				4.9	11.7
VARBL													
CALM												5.4	
	6.9	12.1	18.9	21.4	17.1	9.6	5.4	1.3	.1	.7		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 693

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

SURFACE WINDS

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

...4940 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

(CONDITION)

2100-2300 (HOURS (L S T))

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.7	.8	.7	.5						4.5	11.7
NNE	.1	.2	1.9	2.9	1.[illegible]	.5	.3					6.9	14.[illegible]
NE		.[illegible]	.8	1.1		.2	.2					2.8	13.[illegible]
ENE	.1	.2	.7	1.[illegible]	.6	.5						3.0	13.9
E	.[illegible]	.7	1.[illegible]	.8	.2	.1						3.3	9.7
ESE	.1	.1	.2		.[illegible]	.1	.1					.9	15.1
SE			.3	.1	.1	.2		.1				.9	16.1
SSE	.2	.5	.9	1.4	.1	.6	.1	.2	.1	.1		4.2	15.6
S	.8	1.1	.7	.9	.9	1.0	.8	.1				6.3	15.2
SSW	.7	1.4	.7	1.[illegible]	1.6	1.1	.5					7.3	14.3
SW	.7	1.4	2.[illegible]	2.4	1.4	1.5	.2	.1		.1		9.7	14.[illegible]
WSW	.7	1.7	1.9	3.2	2.3	2.1	.6	.3	.1			12.9	15.3
W	1.1	1.[illegible]	2.5	2.[illegible]	1.[illegible]	1.7	.8	.1	.1			12.3	14.[illegible]
WNW	.1	1.1	1.2	1.1	1.4	.9	.1	.1	.[illegible]			6.3	15.2
NW	.5	.8	1.5	2.6	.8	.6	.1					6.8	12.4
NNW	.[illegible]	.6	.8	.[illegible]	.6	.5						4.1	11.[illegible]
VARBL													
CALM												7.9	
	6.7	12.6	18.7	22.9	13.5	12.[illegible]	3.8	1.1	.6	.2		100.[illegible]	12.8

TOTAL NUMBER OF OBSERVATIONS [illegible]97

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

SURFACE WINDS

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

7...54 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.3	1.7	1.4	.8	.5	.2	.0				6.4	11.7
NNE	.5	.7	1.6	2.1	1.2	.6	.3	.2	.0			6.6	14.6
NE	.3	.3	.6	.9	.2	.2	.1	.0				2.6	13.0
ENE	.1	.4	.5	.8	.4	.4	.2	.1	.0			2.9	14.9
E	.3	.4	.7	.6	.2	.1						2.4	10.3
ESE	.1	.2	.2	.3	.1	.1	.0	.0				1.0	12.6
SE	.1	.3	.2	.5	.3	.2	.0	.0		.0		1.7	14.0
SSE	.2	.6	.7	1.1	.6	.5	.2	.1	.0	.0		4.1	14.6
S	.6	1.1	1.4	1.5	1.0	1.1	.5	.2	.1	.0		7.4	14.8
SSW	.3	1.0	.6	1.2	1.1	1.0	.6	.2		.1		6.7	15.3
SW	.7	.8	1.6	2.4	2.1	1.6	.9	.4	.2	.1		11.0	17.2
WSW	.5	1.1	2.3	3.4	2.4	1.9	.5	.1	.0	.0		12.4	15.0
W	.3	1.4	2.6	2.8	1.9	1.6	.3	.1	.0			12.3	14.2
WNW	.4	.9	1.3	1.4	1.0	.5	.1	.1	.0			5.7	13.2
NW	.2	.4	1.2	1.6	.7	.5	.1					4.9	12.7
NNW	.4	.4	1.4	1.6	.6	.7	.1	.0				5.1	13.2
VARBL													
CALM												6.7	
	5.9	11.5	19.3	23.7	14.5	11.4	4.7	1.7	.4	.2		100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 7122

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

70340	ADAK NAS AK	77-86	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	.9	1.4	1.6	1.5	.9	.7						7.3	11.9
NNE	.7	1.1	1.2	1.7	1.9	1.3	.1	.2	.1			7.5	15.2
NE		.4	.9	.8	1.3	.4	.5	.2				4.6	17.2
ENE	.1	.3	.3	1.9	1.3	.5	.3					4.8	16.5
E	.1	.8	1.4	2.1	.5	.3	.3	.3				6.3	13.4
ESE		.1	.3	1.2	.5	.1	.1					2.5	14.4
SE	.3	.4	.2	.2	.2	.1	.1					1.5	10.9
SSE	.3	.3	.5	1.3	.5	.5	.2					3.6	14.3
S	.4	.6	1.4	2.1	.7	.9	.4					6.8	13.6
SSW	1.3	.3	1.2	.3	.3	.4	.3					4.3	10.7
SW	.9	1.0	1.9	2.3	1.7	.9		.2	.1			8.9	13.5
WSW	.5	1.6	2.2	2.2	1.2	1.3	.3	.2				9.6	13.5
W	.7	.9	.7	2.3	2.2	1.7	.8	.3				9.4	17.2
WNW	.1	.4	1.7	2.0	.3	.7						5.2	12.8
NW	.5	.8	.7	1.2	.3	.3						3.8	11.6
NNW	.1	.7	1.6	1.9	.7	.4	.1					5.5	12.5
VARBL													
CALM												8.3	
	6.9	11.5	17.9	24.9	14.6	10.4	3.7	1.5	.2			100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 915

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

SURFACE WINDS

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

...40 | ADAK NAS AK | 73-82 | 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	.7	.6	1.8	2.3	.7	.1	.1		.1			5.4	11.9
NNE	.5	.7	1.9	2.6	2.4	.9	.3		.3			8.5	15.9
NE	.5	.5	.2	.7	.7	1.0	.1	.2				3.3	15.7
ENE	.5	.4	.6	1.9	1.8	.4						5.3	14.7
E	.5	1.1	.9	2.6	1.4	.9	.3	.1				7.5	15.0
ESE	.1	.2	.7	.6	.8	.2	.3	.1				3.1	17.2
SE	.1	.1	.1	.2	.3	.4						1.3	17.2
SSE	.1	.3	.6	.8	.2	.1	.3	.2				3.0	15.3
S	.8	1.0	1.4	1.3	.9	.9						6.3	12.1
SSW	1.1	1.0	1.2	.7	.3	.6	.2	.2				5.3	11.7
SW	1.3	.2	.7	1.2	1.7	1.1	.3	.3				7.4	14.8
WSW	.8	1.7	.8	2.5	2.1	.7	.6					9.0	13.7
W	.4	1.4	1.7	3.3	2.0	1.4	1.0	.3				11.6	15.6
WNW	.3	.2	1.3	1.3	.4	.1	.1					4.4	10.7
NW		.9	.9	1.5	.9	.3	.1					4.6	13.0
NNW	.2	.2	.9	1.4	.1	.6	.2					3.7	13.4
VARBL													
CALM												9.5	
	7.0	11.3	15.5	24.1	16.6	9.8	4.2	1.5	.4			100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 929

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

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
...4540	ADAK NA AK	73-82	DEC

CLASS: ALL WEATHER
HOURS (L S T): 0600-0600
CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.[illegible]	1.0	1.7	2.1	.[illegible]		.3	.1	.1			8.8	12.2
NNE	.[illegible]	1.[illegible]	1.1	2.6	2.6	1.?	.1	.1	.2			9.1	16.0
NE	.[illegible]	.?	.4	1.[illegible]	.?	1.4	.?	.1				4.5	17.8
ENE		.[illegible]	.4	2.3	1.6	.?	.1					5.2	14.9
E		.?	1.4	3.[illegible]	.?	.9	.2					5.0	14.3
ESE	.[illegible]	.1	.2	1.2	.7	.5	.[illegible]					3.5	17.9
SE	.?	.?	.2	.7	.1	.3	.3					2.1	15.7
SSE	.3	.[illegible]	.4	.4	.?	.?		.4				3.0	14.2
S	.7	1.1	1.3	1.3	1.2	.8	.7					7.0	13.7
SSW	.7	.?	.5	1.8	.8	.4		.3				5.2	13.3
SW	.[illegible]	.4	1.3	1.6	1.?	.5	.2	.4				6.5	14.8
WSW	.7	.[illegible]	1.7	2.9	1.8	1.1	.3	.1	.1			9.6	14.4
W	.[illegible]	1.[illegible]	1.8	1.8	2.6	1.5	.5	.7	.1			11.4	15.6
WNW	.?	1.[illegible]	1.3	1.0	.5	.[illegible]	.3					5.0	12.3
NW	.2	.[illegible]	.7	1.1	.5	.2						3.5	11.3
NNW	.?	.4	1.1	.[illegible]	.7	.5						3.8	12.7
VARBL													
CALM												6.9	
	6.0	10.8	15.8	24.7	16.3	10.7	4.0	2.3	.5			100.0	13.2

TOTAL NUMBER OF OBSERVATIONS 919

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4540	ADAK NAS AK	73-82	DEC
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	.3	.4	1.0	1.5	1.0	.3	.1					4.7	13.1
NNE	.1	.4	1.6	2.3	3.3	.9	.3	.2	.1	.1		9.4	16.7
NE	.4		.9	.9	.9	.9	.7					4.6	16.9
ENE	.3		1.0	1.9	1.0	.4	.2	.1				4.9	14.7
E		1.1	1.3	2.1	1.0	.3	.1					5.9	12.7
ESE		.2	.9	.7	.5	.8	.4					3.5	16.8
SE	.1	.2	.5	.1	.1	.4	.1					2.0	12.7
SSE		.1	1.4	.5	.3	.1	.1					2.6	12.6
S	.5	1.2	1.1	1.3	1.4	1.0	.2	.5				7.1	15.4
SSW	.8	1.0	1.1	1.3	.7	.3	.1	.3	.1			5.8	13.1
SW	1.1	.7	1.4	1.8	1.3	.8	.4	.1	.1			8.0	13.2
WSW	.4	2.1	1.5	2.4	2.4	1.0	.3	.3				10.5	13.9
W	.4	1.4	1.9	2.0	1.5	1.5	.7	.2				9.6	15.0
WNW	.2	1.1	.9	1.0	.8	.3	.4					4.7	13.1
NW	.2	1.2	1.5	1.2	.5	.4						5.1	11.3
NNW	.4	.4	1.2	1.0	.7							3.7	10.4
VARBL													
CALM												7.8	
	5.6	11.9	19.3	22.8	17.4	9.5	4.3	1.9	.3	.1		100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 914

CL RAL CLIMATOLOGY BRANCH
AFETAC
A[illegible] WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4640	ADAK NAF AK	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.2	2.5	.9	.3						6.5	12.1
NNE	.1	.2	1.3	1.4	1.9	1.3	.2	.3	.2	.1		7.7	18.2
NE	.2	.3	.8	.6	.4	.7	.3					3.3	15.5
ENE		.1	1.3	3.2	1.3	1.1	.2	.3				7.9	15.6
E	.3	.3	1.4	2.3	1.2	.1						6.1	12.0
ESE		.2	.9	.2	.4	.3						2.1	13.3
SE	.1	.1	.2	.3	.2	.6	.2					1.8	17.6
SSE	.2	.3	.7	1.1	.3	.4	.6					3.6	15.9
S	.6	1.5	1.0	.6	1.4	1.0	.2	.6				6.8	14.9
SSW	.3	.6	1.5	1.8	1.1	.7	.4	.3				6.7	15.5
SW	.6	.7	1.8	1.9	1.4	.8	.4	.2				7.7	14.4
WSW	.4	1.5	1.5	3.2	1.3	1.3	1.0	.1				10.5	14.8
W	.3	1.1	1.4	2.5	2.5	1.5	.9	.1				10.5	16.0
WNW	.1	.4	.7	1.2	.9	.3	.4					4.1	15.3
NW	.3	.3	.6	1.4	.4	.1	.1					3.3	12.2
NNW		.4	1.0	1.3	.2	.1						3.3	11.9
VARBL													
CALM												7.9	
	4.0	10.8	17.3	25.6	16.1	10.8	5.1	2.0	.2	.1		100.0	13.7

TOTAL NUMBER OF OBSERVATIONS 926

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

SURFACE WINDS

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

7[illegible]4540 STATION — ADAK NAS AK STATION NAME — 73-82 YEARS — DEC MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.7	1.7	2.6	1.1	.3						7.8	11.[illegible]
NNE	.[illegible]	1.4	2.[illegible]	1.4	1.6	1.2	.3	.3	.2			9.2	14.9
NE	.[illegible]	.4	.4	1.[illegible]	1.1	.5	.1					3.9	15.1
ENE	.3	.3	1.[illegible]	2.0	1.1	1.2		.1	.2			6.3	16.[illegible]
E		.6	2.7	1.8	.6	.5	.1					6.6	13.1
ESE	.1	.3	.1	.4	.3	.2						1.5	13.3
SE		.[illegible]	.1	.6	.7	.2	.1					2.[illegible]	16.2
SSE	.1	.[illegible]	1.[illegible]	.7	.6	.4	.1					3.6	12.9
S	.[illegible]	.9	1.3	1.3	.[illegible]	.4	.3	.4				6.3	13.7
SSW	1.[illegible]	.7	.7	1.[illegible]	.3	.9	.3	.2	.1			6.[illegible]	14.7
SW	1.1	1.6	.8	2.4	1.1	.4	.3	.1	.1			8.[illegible]	12.5
WSW	.7	.7	1.4	2.4	1.6	1.1	.7	.1				8.7	15.1
W	.[illegible]	1.0	1.[illegible]	3.1	2.1	1.3	.7	.1				10.2	15.6
WNW	.[illegible]	.3	.4	1.[illegible]	.8	.9	.6					[illegible].[illegible]	16.8
NW	.[illegible]	.[illegible]	.9	1.1	.3	.1						3.2	11.2
NNW	.1	1.1	.[illegible]	.7	.9	.3						4.[illegible]	11.6
VARBL													
CALM												7.5	
	6.2	12.6	17.1	25.2	15.[illegible]	10.4	3.7	1.4	.7			100.[illegible]	13.[illegible]

TOTAL NUMBER OF OBSERVATIONS 898

GL PAL CLIMATOLOGY BRANCH
FETAC
A WEATHER SERVICE/MAC

SURFACE WINDS

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

4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
1800-2200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	2.3	1.3	3.2	.3							8.2	9.2
NNE	.-	1.1	1.9	1.8	1.0	1.1	.5	.4				8.2	1[illegible].2
NE	.1	.3	.7	.9	1.1	.7	.3	.2				4.3	17.9
ENE	.2	.2	1.0	1.4	1.1	.5	.1	.2				4.8	15.4
E	.7	.2	1.8	2.1	1.2	.8						6.4	13.2
ESE		.3	.5	.4		.3						1.5	13.4
SE	.1	.1	.2	.4	.3	.2	.2	.1				2.2	15.1
SSE	.3	.2	1.0	1.0	.3	.3	.3					3.5	13.6
S	.2	.7	2.1	.6	.7	.7	.4	.3				5.7	14.5
SSW	.2	.9	1.6	.9	.5	.3	.3	.1	.2			5.6	14.8
SW	.3	1.2	2.2	2.2	.4	.7	.3	.2				7.6	13.0
WSW	.3	1.5	1.4	2.0	1.5	1.9	.8	.2				9.5	15.4
W	.5	1.2	2.2	2.8	1.5	.7	.3	.1				9.2	13.4
WNW	.3	1.1	1.2	1.2	.5	.7	.2	.2	.1			5.6	13.7
NW	.7	.7	1.3	.4	.1	.2						2.7	9.1
NNW	.4	.7	1.2	1.9	.8	.9						5.8	12.7
VARBL													
CALM												9.2	
	4.9	13.[illegible]	20.9	23.3	11.9	10.2	3.9	2.2	.3			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 913

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

SURFACE WINDS

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

...4 — STATION — ADAK NAS AK — STATION NAME — 73-82 — YEARS — DEC — MONTH

ALL WEATHER — CLASS — 1100-2300 — 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	.[illegible]	1.[illegible]	1.1	2.[illegible]	1.1	.[illegible]		.1				6.3	12.3
NNE		.[illegible]	2.2	1.[illegible]	1.3	1.1	.3	.1				7.1	15.6
NE	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.7	.[illegible]	.7	.3				4.1	17.6
ENE		.[illegible]	.[illegible]	1.[illegible]	1.2	.[illegible]	.2	.3				5.3	17.5
E	.1	.[illegible]	1.5	2.2	1.4	.[illegible]	.1	.1				[illegible]	14.2
ESE	.1	.1	.4	.[illegible]	.1	.1	.1					1.[illegible]	12.0
SE		.1	.3	.2	.2	.3	.1					1.3	17.3
SSE	.[illegible]	.4	.[illegible]	.5	.[illegible]	.3	.1					2.7	12.[illegible]
S	.7	1.4	1.[illegible]	2.2	1.5	.7	.2					8.5	12.3
SSW	1.[illegible]	.[illegible]	.8	.9	1.1	.1	.2					4.9	11.0
SW	.[illegible]	.7	2.1	2.4	1.2	.[illegible]	.8	.3				8.6	15.1
WSW	.[illegible]	1.[illegible]	1.4	1.8	1.1	.[illegible]	.3	.3				8.1	13.5
W	.[illegible]	1.[illegible]	2.1	2.2	2.[illegible]	1.[illegible]	.2	.4	.1			11.5	15.2
WNW	.1	1.0	.9	1.4	1.[illegible]	.1						4.5	11.9
NW	.7	.4	.8	1.[illegible]	.3	.2						4.[illegible]	11.[illegible]
NNW	.1	.7	.5	1.4	.4	.7	.2					4.1	14.8
VARBL													
CALM												13.4	
	5.6	11.[illegible]	15.4	23.6	15.8	9.0	3.6	2.1	.1			[illegible]0.0	12.6

TOTAL NUMBER OF OBSERVATIONS — 510

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

SURFACE WINDS

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

7...4F4C (STATION) ADAK NAS, AK (STATION NAME) 72-82 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.4	2.3	.2	.2	.1	.2	.2			6.7	11.4
NNE	.2	.2	1.6	1.9	2.2	.1	.3	.2	.2	.		6.4	16.1
NE	.3	.3	.6	.8	.9	.6	.4	.1				4.1	17.1
ENE	.2	.3	.8	2.2	1.3	.7	.2	.1	.0			5.6	15.7
E	.2	.7	1.5	3.1	1.2	.6	.2	.1				6.3	13.5
ESE	.1	.2	.5	.6	.4	.2	.2	.0				2.4	15.4
SE	.1	.3	.2	.3	.3	.3	.2	.0				1.8	15.2
SSE	.2	.4	.5	.8	.4	.3	.2	.1				3.2	14.2
S	.6	1.1	1.4	1.4	1.1	.2	.3	.2				6.8	13.8
SSW	.5	.7	1.1	1.2	.6	.5	.2	.2	.1			5.5	13.3
SW	.3	.9	1.5	2.2	1.3	.7	.4	.2	.2			7.9	13.9
WSW	.6	1.4	1.5	2.4	1.6	1.1	.5	.2	.2			9.4	14.3
W	.5	1.2	1.7	2.5	2.2	1.4	.6	.3	.2			10.4	15.5
WNW	.2	.4	1.1	1.4	.7	.5	.3	.2	.2			4.8	13.3
NW	.3	.7	.9	1.2	.4	.2	.1					3.8	11.3
NNW	.2	.4	1.1	1.3	.5	.5	.1					4.2	12.5
VARBL													
CALM												8.7	
	5.9	11.7	17.8	24.2	15.5	10.1	4.1	1.9	.4	.0		100.2	13.0

TOTAL NUMBER OF OBSERVATIONS 7284

GL BAL CLIMATOLOGY BRANCH
AFETAC
A. EATHER SERVICE/MAC

SURFACE WINDS

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

4540 — STATION
ADAK NAS AK — STATION NAME
73-8[illegible] — YEARS
ALL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L S T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.[illegible]	2.2	2.7	.9	.4	.1	.0	.0			8.5	11.1
NNE	.[illegible]	1.3	1.[illegible]	1.9	.9	.6	.[illegible]	.0	.0	.0		7.2	12.[illegible]
NE	.4	.[illegible]	1.1	1.1	.4	.3	.1	.[illegible]				4.2	11.4
ENE	.4	.[illegible]	1.[illegible]	1.[illegible]	.6	.3	.1	.0	.0			4.7	11.2
E	.5	1.[illegible]	1.2	1.2	.4	.2	.1	.0				4.5	10.4
ESE	.3	.5	.6	.5	.[illegible]	.1	.[illegible]	.0				2.1	9.8
SE	.[illegible]	.5	.7	.5	.2	.1	.0	.0		.0		2.3	10.3
SSE	.3	.7	1.2	.9	.[illegible]	.2	.1	.0	.0	.0		3.7	10.8
S	.6	1.3	2.[illegible]	1.8	.6	.4	.2	.1	.0	.0		6.9	11.2
SSW	.6	.8	1.2	1.4	.6	.4	.2	.1	.0	.0		5.3	12.6
SW	.6	.8	1.8	2.9	1.[illegible]	1.0	.4	.2	.0	.0		9.2	14.4
WSW	.6	1.2	2.4	3.8	1.9	1.1	.3	.1	.0	.0	.0	11.5	13.6
W	.5	1.3	2.7	3.5	1.6	1.[illegible]	.3	.1	.0	.0	.0	11.2	13.2
WNW	.2	.7	.9	1.1	.4	.2	.1	.0	.0	.0	.0	3.3	12.2
NW	.[illegible]	.5	.9	1.[illegible]	.4	.[illegible]	.[illegible]	.[illegible]				3.3	11.4
NNW	.[illegible]	.6	1.2	1.[illegible]	.6	.3	.1	.0				4.7	12.3
VARBL		.[illegible]										.0	5.0
CALM												6.9	
	6.[illegible]	14.5	23.1	27.0	11.7	6.8	2.3	.9	.1	.0	.0	100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 6649

C[illegible]RAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

SURFACE WINDS

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

[illegible] 4547 (STATION) ADAK NAS AK (STATION NAME) 73-82 (YEARS) ALL (MONTH)

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

CIG 000 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	.[illegible]	1.[illegible]	2.1	2.9	1.3	.7	.3	.0	.0			[illegible].[illegible]	12.6
NNE	.7	1.[illegible]	2.0	1.9	.9	.8	.4	.2	.[illegible]			8.5	12.6
NE	.[illegible]	1.1	1.4	1.3	.5	.5	.2	.1				5.7	11.9
ENE	.6	1.1	1.4	1.[illegible]	.9	.5	.2	.1	.0			6.1	12.3
E	.6	1.1	1.0	1.6	.6	.4	.1	.1				[illegible].4	11.7
ESE	.[illegible]	.[illegible]	.6	.6	.[illegible]	.1	.1	.0				2.5	10.8
SE	.[illegible]	.[illegible]	.8	.8	.[illegible]	.3	.1	.[illegible]		.0		3.3	12.4
SSE	.3	.[illegible]	1.3	1.[illegible]	.7	.4	.2	.[illegible]	.[illegible]			[illegible].1	12.8
S	.4	1.[illegible]	1.8	2.1	.9	.8	.3	.2	.[illegible]	.0		7.6	13.6
SSW	.[illegible]	.6	.8	1.1	.6	.4	.[illegible]	.1	.[illegible]	.[illegible]		4.2	14.2
SW	.4	.6	1.7	3.1	1.[illegible]	1.1	.4	.2	.1	.[illegible]		9.2	15.[illegible]
WSW	.[illegible]	1.1	2.7	4.9	2.[illegible]	1.2	.3	.1	.[illegible]	.[illegible]	.0	13.1	14.2
W	.4	.[illegible]	2.2	3.[illegible]	1.[illegible]	1.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]	.[illegible]	9.4	13.9
WNW	.1	.[illegible]	.3	.5	.[illegible]	.[illegible]	.1	.[illegible]	.[illegible]		.[illegible]	1.9	15.2
NW	.1	.[illegible]	.[illegible]	.4	.[illegible]	.2	.1	.0				1.7	14.6
NNW	.[illegible]	.[illegible]	.5	1.[illegible]	.[illegible]	.3	.1	.[illegible]				[illegible].1	14.5
VARBL													
CALM												3.9	
	6.2	12.9	[illegible].8	28.1	13.9	9.0	3.5	1.3	.2	.1	.0	[illegible]0.0	12.8

TOTAL NUMBER OF OBSERVATIONS 22894

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. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the ≥10 mi visibility category should be used with great caution.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

704540 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (HUNDREDS OF FEET)	VISIBILITY STATUTE MILES															
	≥10	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	<½
NO CEILING	16.4	16.4	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
	16.8	16.8	16.9	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	17.1	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
	17.3	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
	17.3	17.3	17.4	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
	17.4	17.4	17.6	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
	17.4	17.4	17.6	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
	17.4	17.4	17.6	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	17.7	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
	18.4	18.4	18.5	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
	19.4	19.4	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
	20.0	20.0	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	20.3
	21.8	21.8	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
	.1 24.3	24.8	24.9	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
	.1 29.1	29.9	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
	.1 37.8	39.5	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
	.2 48.6	51.1	52.1	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
	.4 56.2	62.2	64.2	64.9	65.1	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	.4 59.3	63.4	65.6	66.3	66.5	66.8	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
	.4 65.3	70.4	75.2	77.1	77.6	78.7	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
	.4 67.3	72.8	78.2	80.6	81.6	83.0	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
	.4 68.7	75.9	81.6	84.8	85.6	87.4	88.0	88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
	.4 68.8	76.0	82.3	85.7	86.5	88.2	88.9	88.9	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
	.4 69.4	76.7	83.6	87.5	88.3	90.6	91.7	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	.4 69.5	77.0	84.5	88.5	89.4	91.8	92.9	92.9	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
	.4 69.7	77.3	85.1	89.3	90.8	93.2	94.5	94.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	.4 69.9	77.6	85.5	90.3	91.6	94.9	96.3	96.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	.4 69.9	77.9	85.7	90.5	91.8	95.2	96.6	96.6	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
	.4 69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
	.4 69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.5	99.5	99.5	99.6	99.6
	.4 69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.7	99.7	99.7	99.8	99.8
	.4 69.9	77.9	85.7	90.7	92.0	95.6	97.2	97.2	99.0	99.3	99.3	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72450 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0	¼	½
22000	15.6	15.7	15.7	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
20000	16.2	16.3	16.3	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
18000	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
17000	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
16000	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
15000	16.5	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
14000	16.8	16.8	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
13000	16.6	16.8	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
12000	17.3	17.4	17.4	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
11000	17.8	18.1	18.0	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
10000	18.6	18.7	18.7	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
9000	19.5	19.6	19.6	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
8000	21.2	21.3	21.3	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
7000	24.7	24.9	24.9	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
6000	29.6	30.5	30.5	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
5000	39.1	40.0	40.4	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
4500	50.5	52.0	52.9	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
4000	.4 58.9	61.2	62.6	63.1	63.1	63.7	63.8	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1
3500	.4 60.3	62.9	64.5	65.2	65.2	65.7	65.8	65.8	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2
3000	.4 66.3	70.7	73.8	75.4	75.6	76.5	76.7	76.7	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
2500	.4 68.2	73.6	77.6	80.1	80.4	81.9	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2000	.4 69.9	76.3	81.2	84.3	84.8	86.7	87.7	87.7	88.1	88.4	88.4	88.6	88.6	88.6	88.6	88.6
1800	.4 70.4	76.9	82.2	85.5	86.1	88.1	89.1	89.1	89.6	89.8	89.8	90.0	90.0	90.0	90.0	90.0
1600	.4 70.7	77.6	82.9	86.5	87.1	89.6	90.6	90.6	91.4	91.8	91.8	92.1	92.1	92.2	92.2	92.2
1400	.4 70.9	78.0	83.4	87.3	87.8	90.4	91.6	91.6	93.0	93.5	93.5	93.7	93.7	93.8	93.8	93.8
1200	.4 71.3	78.3	83.9	87.9	88.5	91.2	92.5	92.5	94.2	94.8	94.8	95.1	95.1	95.2	95.2	95.2
1000	.4 71.6	78.9	84.4	88.7	89.2	92.4	93.7	93.8	96.1	96.8	96.8	97.5	97.5	97.6	97.6	97.6
900	.4 71.8	79.1	84.7	89.0	89.6	92.7	94.0	94.1	96.4	97.2	97.2	97.8	97.8	97.9	97.9	97.9
800	.4 71.8	79.1	84.8	89.2	89.8	92.9	94.3	94.5	97.0	97.9	97.9	99.0	99.0	99.1	99.1	
700	.4 71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.3	99.3	99.5	99.5	
600	.4 71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.6	99.6	99.7	99.9	
500	.4 71.8	79.1	84.8	89.2	89.8	92.9	94.5	94.6	97.2	98.2	98.2	99.6	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

70450 ADAK NAS AK 73-82 JAN

1

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

.8	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
.8	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
.9	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
.9	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
.9	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
.8	16.9	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	17.1	17.1
.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
.9	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
.9	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
.9	29.4	29.7	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.1	30.1	
.9	37.2	37.6	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.1	38.1	
1.0	47.1	48.2	49.2	49.3	49.4	49.5	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.9	49.9	
1.0	58.0	59.9	61.2	62.0	62.4	62.7	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.5	63.5	
1.0	58.8	60.6	62.3	63.4	63.9	64.3	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.2	65.2	
1.1	65.2	68.5	71.7	74.1	74.8	75.5	76.1	76.1	76.8	76.8	76.8	76.8	76.8	77.0	77.0	
1.1	66.5	70.8	75.3	78.4	79.4	80.4	81.0	81.0	81.8	81.8	81.8	81.8	81.8	81.9	81.9	
1.1	68.5	73.0	78.5	83.2	84.3	85.9	87.1	87.1	88.2	88.2	88.2	88.2	88.2	88.3	88.3	
1.1	68.7	73.5	79.6	84.3	85.4	87.3	88.6	88.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	
1.1	69.5	75.3	81.5	86.8	88.1	90.3	91.6	91.6	92.9	92.9	92.9	93.1	93.1	93.2	93.2	
1.1	69.5	75.4	81.9	87.9	89.2	91.6	93.2	93.2	94.6	94.6	94.6	94.7	94.7	94.8	94.8	
1.1	69.7	75.6	82.1	88.2	89.6	92.5	94.0	94.0	95.8	95.8	95.8	96.0	96.0	96.1	96.1	
1.1	69.7	75.9	82.7	89.1	90.6	93.6	95.4	95.4	97.6	97.9	97.9	98.2	98.2	98.3	98.3	
1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.2	98.6	98.6	99.0	99.0	99.1	99.1	
1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.5	98.8	98.8	99.4	99.4	99.6	99.6	
1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.9	99.9	
1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.9	100.0	
1.1	69.8	76.1	82.9	89.3	90.8	93.8	95.6	95.6	98.6	98.9	99.0	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 907

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4590 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1¼	1	¾	½	⅜	¼	⅛	0	2 or more	1¼ or more	¾ or more	½ or more	0
8 or more	4.3	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
7000	4.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
6000	4.4	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
5000	4.4	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4500	4.4	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
4000	4.4	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
3500	4.4	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
3000	4.4	12.6	12.6	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
2500	5.4	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
2000	5.6	15.1	15.1	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
1800	5.2	15.9	15.9	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
1600	6.3	16.5	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
1400	7.1	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
1200	8.0	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	22.6	22.6
1000	9.6	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.3	30.3
900	11.9	38.0	38.7	38.9	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3
800	13.2	47.7	49.1	49.5	49.8	49.9	50.2	50.4	50.4	50.4	50.5	50.5	50.7	50.7	50.7	50.7
700	14.1	61.3	63.2	65.1	67.1	67.2	67.7	68.1	68.1	68.1	68.2	68.2	68.4	68.4	68.4	68.4
600	14.3	63.0	65.5	67.8	69.9	70.1	70.9	71.3	71.3	71.3	71.4	71.4	71.7	71.7	71.7	71.7
500	14.4	67.4	71.2	74.3	77.7	78.1	79.5	80.1	80.2	80.4	80.5	80.5	80.9	80.9	80.9	80.9
400	14.4	67.9	72.1	75.7	79.8	80.4	81.9	82.6	82.7	83.0	83.3	83.3	83.6	83.6	83.6	83.6
300	14.4	70.1	75.2	79.4	83.8	84.5	86.7	87.7	87.9	88.4	88.6	88.6	89.1	89.1	89.1	89.1
200	14.4	70.4	75.6	80.0	84.5	85.4	87.6	88.7	88.8	89.4	89.6	89.6	90.2	90.2	90.2	90.2
100	14.4	70.7	76.1	80.7	85.3	86.4	88.9	90.7	90.8	91.7	92.3	92.0	92.7	92.7	92.7	92.7
0	14.4	71.0	76.7	81.8	86.5	87.6	90.6	92.7	92.8	93.9	94.5	94.5	95.0	95.0	95.0	95.0
M	14.4	71.0	76.9	82.2	87.2	88.4	91.9	94.0	94.1	95.3	95.7	95.7	96.4	96.4	96.4	96.4
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.6	97.2	97.2	98.1	98.1	98.1	98.1
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.6	97.2	97.2	98.2	98.2	98.2	98.2
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.7	97.3	97.3	98.5	98.5	98.7	98.7
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.7	98.8	99.1	99.1
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.8	99.2	99.9	99.9
M	14.6	71.1	77.0	82.4	87.6	88.8	92.6	94.9	95.1	96.8	97.5	97.5	98.8	99.2	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING IN FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	0				
	4.4	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
	4.6	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	5.2	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
	5.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
	5.2	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
	5.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
	5.6	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
	5.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
	6.6	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	7.1	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	14.3	14.3
	7.5	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	14.7	14.7
	7.6	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
	7.9	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
	9.0	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	20.3
	11.4	30.3	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	30.6
	13.4	37.9	38.4	38.9	39.1	39.1	39.1	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	15.6	49.8	51.1	52.2	52.4	52.4	52.5	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
	16.8	59.4	62.5	64.9	65.7	65.9	66.1	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8
	16.8	62.0	65.4	68.1	69.1	69.3	69.6	70.2	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5
	17.1	66.9	71.6	75.9	78.1	78.3	79.4	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.9
	17.2	67.4	72.5	77.6	80.0	80.8	82.1	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	84.0
	17.2	69.5	75.4	81.4	84.4	85.9	87.5	89.0	89.0	89.8	90.2	90.2	90.2	90.2	90.2	90.4
	17.2	69.8	75.5	81.7	85.1	86.6	88.5	90.0	90.0	90.9	91.3	91.3	91.3	91.3	91.3	91.4
	17.2	69.8	76.0	82.3	86.1	87.7	89.9	91.6	91.6	92.4	92.9	92.9	92.9	92.9	93.0	93.2
	17.2	70.1	76.3	82.7	86.5	88.2	90.5	92.3	92.5	93.6	94.1	94.1	94.1	94.1	94.2	94.4
	17.2	70.4	76.8	83.1	87.1	88.7	91.4	93.5	94.0	95.4	95.8	95.8	95.9	95.9	96.1	96.3
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.1	94.6	96.2	96.7	96.7	97.1	97.1	97.3	97.6
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.1	94.6	96.2	96.7	96.7	97.1	97.1	97.4	97.7
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.7	97.8	98.2	98.6
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.9	98.0	98.8	99.2
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	97.9	98.1	99.0	99.7
	17.2	70.5	76.9	83.3	87.5	89.1	91.9	94.2	94.7	96.3	97.0	97.0	98.1	98.4	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 912

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

...L BAL CLIMATOLOGY BRANCH
...AFETAC
A... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7...4540 ADAK NAS AK 73-82 JAN

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			
...	5.2	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
...	5.5	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
...	5.6	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
...	5.8	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
...	5.8	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
...	5.8	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
...	5.9	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
...	5.9	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
...	6.9	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
...	7.1	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
...	7.2	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
...	7.7	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
...	8.5	17.5	17.5	17.7	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
...	8.9	20.8	20.8	20.9	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
...	10.4	28.8	29.1	29.3	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
...	11.6	37.9	38.6	39.0	39.3	39.3	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
...	13.2	46.3	48.0	49.6	50.1	50.1	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
...	14.3	57.0	59.9	62.4	63.3	63.7	64.0	64.1	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6
...	14.4	59.9	63.2	66.0	67.1	67.8	68.2	68.3	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8
...	14.4	65.1	69.7	74.3	77.0	77.7	78.6	78.8	78.8	79.2	79.4	79.4	79.4	79.4	79.4	79.4
...	14.4	65.6	71.4	75.5	78.7	79.8	81.3	82.0	82.0	82.5	82.7	82.7	82.7	82.7	82.7	82.7
...	14.5	66.8	72.0	78.7	82.7	84.3	86.0	87.1	87.1	88.0	88.3	88.4	88.5	88.5	88.5	88.5
...	14.5	66.9	72.3	79.3	83.4	85.1	86.8	88.0	88.2	89.3	89.5	89.6	89.7	89.7	89.7	89.8
...	14.5	67.1	72.6	80.4	84.8	86.6	88.6	90.0	90.1	91.7	92.0	92.1	92.2	92.2	92.2	92.3
...	14.5	67.1	72.7	80.6	85.4	87.3	89.5	91.0	91.1	92.8	93.1	93.2	93.4	93.4	93.4	93.6
...	14.5	67.1	72.9	80.8	85.7	87.6	89.9	91.4	91.7	93.3	93.6	93.8	94.0	94.0	94.0	94.2
...	14.5	67.2	73.2	81.1	86.1	88.3	90.9	92.7	93.1	94.8	95.2	95.3	95.7	95.7	95.7	95.9
...	14.5	67.2	73.2	81.4	86.3	88.5	91.1	93.0	93.4	95.2	95.7	95.8	96.3	96.3	96.5	96.8
...	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.5	96.2	96.3	96.9	96.9	97.1	97.8
...	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.5	96.2	96.3	97.0	97.0	97.4	98.5
...	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.6	96.3	96.4	97.4	97.4	97.9	99.5
...	14.5	67.2	73.2	81.4	86.3	88.5	91.2	93.2	93.6	95.6	96.4	96.5	97.6	97.6	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 912

EL PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]40 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

1.6	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
1.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
1.6	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
1.6	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1.6	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
1.6	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.6	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.6	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
1.6	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
1.6	16.1	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
1.7	16.8	16.8	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
1.9	17.3	17.3	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
1.8	18.0	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
2.0	21.7	21.7	21.8	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2.4	27.4	27.8	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
2.6	35.5	35.9	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
2.7	45.3	46.6	47.9	48.0	48.1	48.1	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
2.9	57.4	59.4	61.2	61.9	62.0	62.4	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
2.9	59.6	61.9	64.1	64.8	64.9	65.5	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
2.9	66.3	69.9	73.9	75.5	75.8	77.0	78.0	78.1	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9
2.9	68.0	72.9	77.6	79.5	79.8	81.7	83.0	83.1	83.6	83.7	83.7	83.9	83.9	83.9	83.9	83.9
3.0	69.8	75.7	81.9	85.0	85.6	87.6	89.1	89.3	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2
3.1	70.0	75.9	82.2	85.5	86.1	88.2	89.7	89.8	90.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1
3.0	70.8	76.9	83.3	86.8	87.4	89.9	91.9	92.1	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.0
3.0	70.8	76.9	83.4	87.2	87.8	90.6	92.5	92.7	94.8	94.9	94.9	95.2	95.2	95.2	95.2	95.2
3.0	70.9	77.0	83.6	87.4	88.4	91.1	93.1	93.3	95.4	95.5	95.5	96.1	96.1	96.1	96.1	96.1
3.0	71.0	77.2	83.8	87.6	88.7	91.5	93.8	94.0	96.7	97.0	97.0	97.5	97.5	97.5	97.6	
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.2	94.5	97.5	97.8	97.8	98.4	98.4	98.4	98.5	
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.7	98.2	98.2	98.8	98.8	98.8	98.9	
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.8	98.3	98.3	99.1	99.1	99.1	99.2	
3.0	71.0	77.2	83.8	87.7	88.8	91.6	94.4	94.6	97.9	98.4	98.4	99.5	99.5	99.6	99.8	
3.0	71.1	77.3	83.9	87.8	88.9	91.7	94.5	94.7	98.0	98.5	98.5	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4740 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

.2	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	
.2	15.6	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	
.2	16.4	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	
.2	17.0	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	
.2	17.0	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	
.2	17.3	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	
.2	17.4	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	17.7	
.2	17.4	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	17.7	
.2	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	18.0	
.2	18.4	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	
.2	19.0	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	
.2	19.4	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	19.6	
.2	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	
.2	24.8	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	
.5	29.3	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	
.6	37.7	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
.7	49.3	50.7	51.5	51.6	51.7	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
.7	58.5	61.1	62.9	63.5	63.8	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
.7	59.3	62.4	64.4	65.1	65.4	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
.9	67.2	72.2	75.5	77.0	78.0	78.8	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
.9	68.6	74.0	78.6	80.6	81.9	83.0	83.5	83.5	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
.9	70.3	76.6	82.4	85.5	87.1	88.3	89.1	89.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	
.9	70.7	77.0	83.1	86.5	88.1	89.6	90.4	90.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	
.9	70.8	77.3	83.5	87.5	89.2	91.1	91.9	91.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
.9	70.9	77.6	84.3	88.5	90.3	92.8	93.8	93.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
.9	71.3	78.1	85.1	89.5	91.3	94.1	95.2	95.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
.9	71.4	78.2	85.3	89.7	91.6	94.4	96.1	96.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
.9	71.4	78.2	85.3	89.7	91.6	94.5	96.2	96.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
.9	71.5	78.3	85.4	90.2	92.0	95.0	96.7	96.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
.9	71.5	78.3	85.4	90.2	92.0	95.0	96.7	96.7	98.9	99.2	99.2	99.2	99.3	99.5	99.5	99.5	
.9	71.5	78.3	85.4	90.2	92.0	95.0	96.8	96.8	99.1	99.5	99.5	99.5	99.6	99.8	99.8	99.8	
.9	71.5	78.3	85.4	90.2	92.0	95.0	96.8	96.8	99.1	99.5	99.5	99.6	99.7	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	5	4	3	2½	2	1½	1	¾	½	¼	0				
2.0	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	
2.1	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	
2.2	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	
2.2	14.5	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	
2.2	14.5	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	
2.3	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	
2.3	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
2.3	14.8	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
2.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	
2.8	16.6	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	
3.0	17.2	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	
3.1	17.9	17.9	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	
3.3	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	
3.6	23.0	23.1	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	
4.4	29.2	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	
5.1	37.6	38.4	38.8	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
5.8	48.1	49.6	50.6	50.9	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
6.3	58.6	61.2	63.1	63.9	64.1	64.5	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.1	65.1	
6.4	60.3	63.2	65.4	66.4	66.6	67.1	67.4	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.7	
6.4	66.2	70.5	74.3	76.5	77.0	78.0	78.5	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	
6.5	67.4	72.4	77.0	79.7	80.5	81.9	82.7	82.7	83.2	83.3	83.3	83.4	83.4	83.4	83.4	
6.5	69.2	75.0	80.6	84.2	85.3	87.0	88.1	88.1	88.9	89.1	89.1	89.2	89.2	89.2	89.2	
6.5	69.4	75.4	81.3	85.1	86.2	88.1	89.2	89.2	90.1	90.3	90.3	90.4	90.4	90.4	90.4	
6.5	69.8	76.1	82.3	86.4	87.6	89.9	91.3	91.3	92.5	92.7	92.7	92.9	92.9	92.9	93.0	
6.5	70.0	76.3	82.8	87.2	88.5	91.0	92.5	92.6	94.0	94.2	94.3	94.5	94.5	94.5	94.5	
6.5	70.2	76.6	83.2	87.8	89.1	91.9	93.5	93.7	95.3	95.5	95.6	95.8	95.8	95.9	95.9	
6.5	70.3	76.9	83.6	88.3	89.8	92.8	94.6	94.8	96.7	97.2	97.2	97.6	97.6	97.6	97.7	
6.5	70.4	77.0	83.7	88.5	89.9	92.9	94.8	95.0	97.1	97.5	97.5	98.0	98.0	98.1	98.2	
6.5	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.2	97.4	98.0	98.0	98.6	98.6	98.8	98.9	
6.5	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.5	98.1	98.1	98.8	98.9	99.1	99.3	
6.5	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.6	98.1	98.2	99.0	99.1	99.4	99.8	
6.5	70.4	77.0	83.7	88.6	90.0	93.1	95.1	95.3	97.6	98.2	98.2	99.1	99.2	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 7319

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	.6 17.7	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
≥ 20000	.6 12.8	13.1	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
≥ 18000	.5 14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 16000	.6 14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 14000	.6 14.1	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
≥ 12000	.6 14.6	14.9	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
≥ 10000	.6 15.1	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 9000	.6 15.1	15.4	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 8000	.6 15.8	16.1	16.2	16.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
≥ 7000	.6 16.5	16.8	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 6000	.6 17.4	17.8	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
≥ 5000	.6 18.5	18.9	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
≥ 4500	.6 19.8	20.2	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
≥ 4000	.6 22.3	22.7	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
≥ 3500	.6 26.6	27.2	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
≥ 3000	.6 33.8	34.9	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
≥ 2500	.7 45.8	47.8	48.9	49.0	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 2000	.7 58.5	62.0	63.6	64.5	64.9	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6
≥ 1800	.7 59.7	63.3	65.4	66.4	66.8	67.3	67.4	67.4	67.5	67.5	67.5	67.5	67.5
≥ 1500	.7 66.8	72.0	75.7	77.5	78.1	79.8	80.4	80.4	80.6	80.6	80.6	80.6	80.6
≥ 1200	.7 69.1	74.6	79.2	81.7	82.7	84.5	85.2	85.2	85.4	85.4	85.4	85.4	85.4
≥ 1000	.7 70.7	77.2	82.3	85.7	86.9	89.0	90.0	90.0	90.4	90.4	90.4	90.4	90.4
≥ 900	.7 71.0	77.8	82.9	86.5	87.7	90.0	90.9	90.9	91.4	91.4	91.4	91.4	91.4
≥ 800	.7 71.2	78.1	84.1	87.9	89.1	91.8	92.8	92.8	93.5	93.5	93.5	93.7	93.7
≥ 700	.7 71.6	78.7	84.8	88.6	89.8	92.6	93.9	94.0	94.7	94.7	94.7	94.9	94.9
≥ 600	.7 71.7	78.9	85.1	88.9	90.1	93.2	94.9	95.0	95.7	95.7	95.7	95.8	95.8
≥ 500	.7 71.7	78.9	85.1	89.4	90.6	93.9	95.8	95.9	96.8	96.8	96.8	97.3	97.3
≥ 400	.7 71.7	78.9	85.1	89.4	90.7	94.0	95.9	96.1	97.1	97.1	97.1	97.6	97.6
≥ 300	.7 71.7	78.9	85.1	89.4	90.7	94.0	95.9	96.1	97.5	97.5	97.5	98.2	98.2
≥ 200	.7 71.7	78.9	85.1	89.4	90.7	94.1	96.1	96.2	97.6	97.7	97.7	98.4	98.4
≥ 100	.7 71.7	78.9	85.1	89.4	90.7	94.1	96.1	96.2	97.7	97.8	97.8	98.6	98.6
< 100	.7 71.8	79.1	85.2	89.5	90.8	94.3	96.2	96.3	97.8	98.0	98.0	98.7	98.7
≥ 0													100.0

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

(MILES) (STATUTE MILES)

.2	11.9	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
.4	12.8	12.9	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
.4	13.2	13.4	13.5	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
.4	13.5	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
.4	13.5	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
.4	13.7	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
.4	14.3	14.5	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
.4	14.4	14.6	14.7	14.7	14.7	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
.4	14.6	14.9	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
.4	14.9	15.1	15.2	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
.4	15.1	15.3	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
.4	15.6	15.8	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
.4	17.0	17.2	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
.4	19.6	20.0	20.2	20.2	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
.4	23.2	23.7	24.0	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
.4	29.9	30.5	31.6	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
.4	39.9	41.0	42.6	43.4	43.5	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.4	53.2	55.2	57.8	59.0	59.2	59.4	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.0	60.0
.4	54.5	57.4	60.2	61.4	61.6	61.8	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4
.6	62.2	67.1	73.7	75.7	76.9	77.8	78.6	78.6	78.9	79.3	79.3	79.4	79.4	79.4	79.4	79.4
.6	63.8	70.2	77.1	79.9	81.3	83.1	84.1	84.1	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9
.7	65.6	72.8	80.7	84.2	86.1	88.7	90.2	90.2	90.7	91.1	91.1	91.3	91.3	91.3	91.3	91.3
.7	66.0	73.3	81.3	84.9	86.8	89.5	91.0	91.0	91.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1
.7	66.7	74.0	82.4	86.6	88.5	91.9	93.4	93.4	94.0	94.5	94.5	94.6	94.6	94.6	94.6	94.6
.7	66.7	74.1	82.5	86.8	88.9	92.3	93.9	93.9	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1
.7	66.9	74.4	82.8	87.2	89.5	93.1	94.9	94.9	95.7	96.2	96.2	96.3	96.3	96.3	96.3	96.3
.7	66.9	74.5	82.9	87.4	89.7	93.5	95.4	95.4	96.4	97.0	97.0	97.1	97.2	97.2	97.2	97.2
.7	66.9	74.5	82.9	87.4	89.7	93.5	95.8	95.9	97.0	97.7	97.8	98.2	98.3	98.4	98.4	98.4
.7	66.9	74.5	82.9	87.4	89.7	93.5	95.8	95.9	97.0	97.7	98.0	98.4	98.6	98.7	98.7	98.7
.7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.8	98.9	99.2	99.3	99.3
.7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.9	99.0	99.4	99.6	99.6
.7	66.9	74.5	82.9	87.5	89.8	93.7	95.9	96.0	97.1	97.8	98.1	98.9	99.0	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

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				
≥22000	1.9	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
≥20000	1.9	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
≥18000	1.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥16000	1.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥14000	1.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥12000	1.9	12.8	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
≥10000	1.9	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥9000	1.9	13.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
≥8000	1.9	13.8	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥7000	2.0	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
≥6000	2.1	14.5	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
≥5000	2.2	15.2	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
≥4500	2.3	17.0	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
≥4000	2.8	19.9	20.3	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
≥3500	3.0	24.2	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
≥3000	3.7	34.4	35.1	35.3	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6
≥2500	4.1	45.8	47.6	48.8	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4
≥2000	4.1	58.4	60.8	62.4	63.0	63.2	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.6
≥1800	4.1	59.9	62.7	64.4	65.1	65.2	65.6	65.8	65.8	65.9	65.9	65.9	65.9	65.9	66.0	66.0
≥1500	4.1	66.9	71.7	75.1	76.9	77.8	78.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.7	79.7
≥1200	4.1	68.8	74.2	78.1	80.9	81.9	82.4	83.9	83.9	84.2	84.2	84.2	84.3	84.3	84.4	84.4
≥1000	4.1	70.7	77.0	81.6	85.0	86.2	87.4	89.4	89.4	90.0	90.1	90.2	90.4	90.4	90.6	90.6
≥900	4.1	70.8	77.4	82.1	85.9	87.1	88.3	90.2	90.2	91.0	91.1	91.3	91.5	91.5	91.6	91.6
≥800	4.1	70.8	77.6	82.4	86.5	87.8	89.1	91.4	91.4	92.6	92.9	93.1	93.3	93.3	93.4	93.4
≥700	4.1	70.9	78.2	83.3	87.6	88.9	90.2	92.6	92.6	93.8	94.1	94.3	94.5	94.5	94.6	94.6
≥600	4.1	71.1	78.3	83.4	87.9	89.2	90.7	93.2	93.2	94.5	94.9	95.1	95.5	95.5	95.6	95.6
≥500	4.1	71.2	78.6	84.0	88.6	90.0	91.4	94.1	94.1	95.7	96.1	96.3	96.8	96.8	97.1	97.1
≥400	4.1	71.2	78.6	84.0	88.6	90.1	91.5	94.4	94.4	95.9	96.4	96.7	97.1	97.1	97.5	97.5
≥300	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	94.9	96.5	97.1	97.5	98.1	98.1	98.6	98.6
≥200	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.6	98.6	99.0	99.2
≥100	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.7	98.7	99.3	99.6
0	4.1	71.2	78.7	84.2	88.9	90.3	91.7	94.9	95.0	96.8	97.5	97.8	98.7	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GL AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	25	20	15	14	13	12	11	10	9	8	7	6	5	4	3	2
NO CEILING	5.3	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0
22000	5.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2
20000	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
18000	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
16000	5.6	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4
14000	5.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6
12000	5.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8
10000	5.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0
9000	6.3	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3
8000	7.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0
7000	7.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4
6000	7.4	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0
5000	8.1	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1
4500	9.3	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1
4000	11.0	25.8	26.1	26.4	26.6	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8
3500	13.6	35.5	35.9	36.5	36.6	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
3000	14.8	46.3	47.7	49.5	49.8	49.9	50.0	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1
2500	15.3	58.9	61.2	63.6	64.0	64.1	64.6	64.7	64.7	65.2	65.2	65.2	65.2	65.2	65.2	65.2
2000	15.6	62.2	65.1	67.7	68.1	68.3	68.8	68.9	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4
1800	15.6	66.6	72.6	77.2	78.6	79.5	80.6	81.3	81.5	81.9	81.9	81.9	82.1	82.1	82.1	82.1
1600	15.6	67.0	73.8	79.4	81.6	82.9	84.3	85.2	85.3	85.9	86.0	86.0	86.2	86.2	86.2	86.2
1400	15.6	68.1	75.5	81.9	84.4	86.0	88.0	89.2	89.7	91.1	91.4	91.4	91.6	91.7	91.7	91.7
1200	15.6	68.1	75.6	82.1	84.8	86.4	88.4	89.6	90.1	91.6	92.0	92.0	92.2	92.3	92.3	92.3
1000	15.6	68.2	75.8	82.4	85.4	87.1	89.2	90.4	90.9	92.5	92.9	92.9	93.3	93.5	93.5	93.5
900	15.6	68.2	76.1	82.8	85.9	87.6	90.0	91.1	91.6	93.3	93.8	93.8	94.1	94.4	94.4	94.4
800	15.6	68.2	76.0	82.9	86.1	87.9	90.4	91.9	92.3	94.0	94.9	94.9	95.5	95.7	95.7	95.7
700	15.6	68.2	76.2	83.6	87.0	88.8	91.3	92.8	93.3	95.1	96.4	96.4	97.1	97.4	97.4	97.4
600	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.2	93.7	95.7	97.1	97.1	98.0	98.2	98.2	98.2
500	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.7	98.9	99.2	99.3
400	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.4	99.5
300	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.5	99.8
200	15.6	68.2	76.2	83.6	87.1	88.9	91.5	93.3	93.8	96.1	97.8	97.8	98.8	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	210	20	25	24	23	22	21	2	2 1	2	2 4	2 4	2	25 6	2 4	2
ETERNA	4.5	9.9	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2 000	4.8	10.3	10.4	10.4	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
8 000	5.3	11.6	11.7	11.7	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
6 000	5.3	11.7	11.8	11.8	11.9	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4 000	5.4	12.1	12.2	12.2	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
2 000	5.6	12.4	12.5	12.5	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
1 000	5.8	13.0	13.1	13.1	13.2	13.2	13.2	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
900	6.1	13.5	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
8 00	6.6	14.2	14.3	14.3	14.4	14.4	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
7 00	7.5	16.1	16.3	16.3	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
600	7.5	16.3	16.7	16.7	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
500	7.8	16.7	17.1	17.1	17.2	17.2	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
4 00	8.6	17.9	18.3	18.3	18.4	18.4	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
400	10.4	21.2	21.6	21.6	21.7	21.7	22.0	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2
350	12.5	27.0	27.6	27.6	27.7	27.7	27.9	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2
300	14.7	36.5	37.8	38.3	38.5	38.5	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
250	16.5	45.9	48.1	49.5	49.9	50.0	50.4	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6
200	17.4	58.1	60.8	63.4	64.1	64.4	64.9	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5
180	17.5	61.1	63.7	66.7	67.4	67.8	68.3	68.6	68.6	69.1	69.1	69.1	69.2	69.2	69.2	69.2
150	17.5	66.8	71.0	75.5	77.6	78.2	79.5	80.3	80.3	80.9	80.9	80.9	81.0	81.0	81.0	81.0
120	17.5	67.5	72.3	77.9	80.5	81.4	83.1	84.2	84.2	84.8	84.8	84.8	85.0	85.0	85.0	85.0
100	17.7	69.1	74.1	81.3	84.8	85.8	87.8	89.4	89.5	90.2	90.7	90.7	90.8	90.8	90.8	90.8
90	17.7	69.1	74.1	81.3	85.1	86.0	88.3	90.2	90.3	91.1	91.5	91.5	91.6	91.6	91.6	91.6
80	17.7	69.3	74.7	82.1	85.9	86.9	89.3	91.4	91.5	92.5	93.1	93.1	93.3	93.3	93.3	93.3
70	17.7	69.8	75.2	82.6	87.1	88.1	90.6	92.7	92.8	93.9	94.5	94.5	94.7	94.7	94.7	94.7
60	17.7	69.9	75.4	82.8	87.6	88.5	91.1	93.4	93.7	94.7	95.3	95.3	95.7	95.7	95.7	95.7
50	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.1	96.8	96.8	97.1	97.1	97.1	97.1
40	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.2	97.1	97.1	97.6	97.7	97.7	97.7
30	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	97.9	97.9	98.7	98.8	99.2	99.3
20	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	97.9	97.9	99.0	99.2	99.6	99.8
10	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	98.0	98.0	99.2	99.3	99.8	99.9
0	17.7	69.9	75.4	83.1	88.2	89.1	91.8	94.5	94.9	96.3	98.0	98.0	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 838

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼			
NO CEILING	4.5	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 20000	4.5	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 18000	5.0	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
≥ 16000	5.0	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 14000	5.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 12000	5.1	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 10000	5.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
≥ 9000	5.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
≥ 8000	5.9	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
≥ 7000	6.6	13.9	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
≥ 6000	6.8	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
≥ 5000	7.2	15.2	15.9	15.9	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
≥ 4500	8.0	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	17.8
≥ 4000	9.5	20.4	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
≥ 3500	11.5	26.3	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
≥ 3000	14.4	37.3	37.9	38.0	38.2	38.2	38.2	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 2500	15.2	46.1	47.7	48.3	48.7	48.7	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	49.0	49.0	
≥ 2000	16.2	57.0	59.3	61.6	62.4	62.9	63.4	63.5	63.5	63.8	63.8	63.8	63.8	63.8	64.0	64.0	
≥ 1800	16.3	59.8	62.2	64.9	65.9	66.5	67.5	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.2	68.2	
≥ 1500	16.4	65.3	68.6	73.1	75.4	76.3	77.3	78.5	78.5	79.0	79.0	79.0	79.0	79.0	79.2	79.2	
≥ 1200	16.4	66.5	70.0	76.1	78.9	80.1	81.5	82.9	83.0	83.6	83.6	83.6	83.6	83.6	83.8	83.8	
≥ 1000	16.4	67.5	71.4	78.1	82.4	83.8	86.4	87.8	87.9	89.6	89.6	89.6	89.6	89.6	89.9	89.9	
≥ 900	16.4	67.5	71.4	78.3	82.6	84.3	87.0	88.5	88.9	90.8	90.8	90.8	90.8	90.8	91.1	91.1	
≥ 800	16.4	67.6	71.9	78.7	83.2	84.9	87.7	89.6	90.0	92.0	92.3	92.3	92.5	92.5	92.8	92.8	
≥ 700	16.4	67.8	72.1	78.9	83.9	85.7	88.8	90.7	91.1	93.2	93.5	93.5	93.7	93.7	94.0	94.0	
≥ 600	16.4	67.9	72.2	79.1	84.4	86.4	89.5	91.4	91.8	94.1	94.3	94.3	94.6	94.6	94.8	94.8	
≥ 500	16.4	67.9	72.2	79.1	84.7	86.6	89.7	91.7	92.0	95.3	96.0	96.0	96.6	96.6	96.9	96.9	
≥ 400	16.4	67.9	72.2	79.1	84.8	86.7	89.9	91.8	92.1	95.4	96.1	96.1	96.9	96.9	97.1	97.1	
≥ 300	16.4	67.9	72.2	79.1	84.8	86.7	90.1	92.0	92.4	95.7	96.4	96.4	97.5	97.5	97.7	97.7	
≥ 200	16.4	68.0	72.3	79.2	84.9	86.8	90.2	92.1	92.5	95.8	96.5	96.5	97.8	97.8	98.3	98.3	
≥ 100	16.4	68.0	72.3	79.2	84.9	86.8	90.2	92.1	92.5	95.8	96.5	96.5	98.3	98.3	99.0	99.5	
≥ 0	16.4	68.1	72.5	79.3	85.0	87.0	90.3	92.3	92.6	95.9	96.6	96.6	98.4	98.4	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 828

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2 1/2	2	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	3/8	1/4	1/8	1/16	0	1/4	1/2
12000	2.8	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
10000	3.0	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
9000	3.1	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
8000	3.2	11.0	11.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
7000	3.2	11.0	11.0	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
6000	3.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
5000	3.4	11.6	11.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.9	11.8	11.8	11.8	11.8	11.8
4500	3.4	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
4000	3.5	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
3500	4.0	15.0	15.0	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
3000	4.0	15.1	15.1	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
2500	4.2	15.5	15.5	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
2400	4.3	16.3	16.3	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
2200	4.4	17.9	17.9	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
2000	4.8	21.7	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
1800	5.5	29.3	29.9	30.1	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
1700	6.1	41.5	42.8	43.8	44.2	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6
1600	6.5	51.8	54.6	57.4	58.8	59.4	59.5	59.8	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1
1500	6.6	53.7	57.1	60.1	61.4	62.0	62.1	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
1400	6.8	60.2	65.2	70.0	72.1	73.4	74.3	75.3	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
1300	6.8	61.5	67.3	73.0	75.5	77.1	78.2	79.5	79.6	80.3	80.3	80.3	80.3	80.3	80.3	80.3
1200	6.8	63.4	70.3	77.5	80.8	82.7	84.1	86.2	86.3	87.4	87.6	87.6	87.6	87.6	87.8	87.8
1100	6.8	63.5	70.4	77.6	80.9	83.0	84.8	86.9	87.2	88.4	88.6	88.6	88.6	88.6	88.7	88.8
1000	6.8	63.7	70.6	78.1	82.1	84.2	86.2	88.5	88.7	90.4	90.8	90.8	90.9	91.0	91.1	91.2
900	6.8	63.7	70.7	78.7	83.3	85.6	87.6	90.0	90.3	92.1	92.4	92.4	92.7	92.8	92.9	93.0
800	6.8	63.8	71.1	79.1	83.8	86.1	88.1	90.5	90.8	92.8	93.2	93.2	93.4	93.5	93.6	93.8
700	6.8	63.8	71.1	79.4	84.3	86.6	89.1	92.1	92.3	94.7	95.2	95.2	95.6	95.8	96.0	96.2
600	6.8	63.8	71.1	79.7	84.8	87.1	89.7	92.8	93.0	95.7	96.2	96.2	96.6	96.9	97.1	97.2
500	6.8	63.8	71.1	79.9	85.0	87.3	89.9	93.0	93.3	96.2	96.9	96.9	97.5	97.7	98.1	98.2
400	6.8	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.2	98.4	98.8	98.9
300	6.8	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.6	98.8	99.4	99.6
200	6.9	63.8	71.1	79.9	85.0	87.3	90.0	93.4	93.6	96.6	97.6	97.6	98.6	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

VISIBILITY STATUTE MILES

CEILING FEET	≥10	9	8	7	6	5	4	3	2½	2	1½	1¼	1	⅞	½	<½
CLR	.6	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
25000	.6	13.4	13.4	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	.6	14.5	14.5	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
18000	.6	14.6	14.6	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
14000	.6	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
12000	.6	15.1	15.1	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
10000	.6	15.7	15.7	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
9000	.6	15.7	15.7	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
8000	.6	16.3	16.3	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
7000	.6	17.6	17.6	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
6000	.6	18.2	18.2	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
5000	.6	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	18.8
4500	.6	19.9	19.9	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
4000	.6	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	21.1
3500	.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
3000	.6	32.2	32.5	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
2500	.7	42.8	44.1	44.9	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
2000	.3	55.8	58.6	60.6	61.2	61.7	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
1800	.8	57.8	60.8	63.6	64.2	64.7	65.1	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7
1500	.8	64.6	68.8	72.9	74.3	75.3	76.6	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8
1200	.8	65.9	71.9	77.6	79.8	81.1	82.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1000	.8	68.6	75.2	82.0	85.4	86.9	89.3	90.7	90.7	91.3	91.3	91.3	91.4	91.4	91.4	91.4
900	.8	68.8	75.5	83.0	86.4	88.0	90.4	92.2	92.3	92.9	92.9	92.9	93.0	93.0	93.0	93.0
800	.8	68.9	75.9	83.5	86.9	88.4	91.6	93.1	93.3	94.0	94.0	94.0	94.1	94.1	94.1	94.1
700	.8	69.3	76.4	84.2	87.6	89.4	92.7	94.5	94.6	95.9	95.9	95.9	96.0	96.0	96.0	96.0
600	.8	69.4	76.5	84.5	88.0	89.9	93.3	95.1	95.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6
500	.8	69.4	76.5	84.6	88.2	90.1	93.7	95.5	95.7	97.2	97.2	97.2	97.3	97.3	97.3	97.5
400	.8	69.4	76.5	84.6	88.2	90.1	93.7	95.5	95.7	97.2	97.6	97.6	98.0	98.0	98.0	98.1
300	.8	69.5	76.7	84.8	88.6	90.6	94.3	96.1	96.3	98.0	98.6	98.6	99.0	99.0	99.0	99.3
200	.8	69.5	76.7	84.8	88.6	90.6	94.5	96.3	96.4	98.1	98.7	98.7	99.2	99.2	99.3	99.8
100	.8	69.5	76.7	84.8	88.6	90.6	94.5	96.3	96.4	98.1	98.7	98.7	99.2	99.2	99.3	99.8
0	.8	69.6	76.9	84.9	88.7	90.7	94.6	96.4	96.5	98.2	98.8	98.8	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2	1½	1	¾	½	¼	0									
≥ 22000	2.5	10.8	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
≥ 20000	2.6	11.3	11.3	11.4	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
≥ 18000	2.8	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
≥ 17000	2.8	12.3	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
≥ 16000	2.8	12.4	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 15000	2.9	12.6	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
≥ 14000	2.9	13.1	13.2	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
≥ 13000	3.0	13.2	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
≥ 12000	3.2	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 11000	3.6	15.4	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 10000	3.6	15.8	16.0	16.	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
≥ 9000	3.8	16.4	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
≥ 8000	4.1	17.9	18.1	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
≥ 7000	4.7	20.4	20.6	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9
≥ 6000	5.5	24.9	25.3	25.5	25.5	25.5	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7
≥ 5000	6.7	33.6	34.3	34.8	34.9	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2
≥ 4500	7.3	44.3	45.8	47.0	47.4	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 4000	7.7	56.5	59.0	61.3	62.1	62.5	62.8	63.0	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3
≥ 3500	7.7	58.6	61.5	64.1	65.0	65.4	65.8	66.1	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4
≥ 3000	7.8	64.9	69.7	74.2	76.0	76.9	78.0	78.9	78.9	79.3	79.4	79.4	79.4	79.4	79.5	79.5
≥ 2500	7.8	66.3	71.8	77.3	79.8	81.1	82.5	83.6	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.3
≥ 2000	7.9	68.0	74.2	80.7	84.1	85.6	87.6	89.1	89.2	90.1	90.3	90.3	90.4	90.4	90.5	90.5
≥ 1800	7.9	68.1	74.4	81.1	84.6	86.2	88.4	89.9	90.1	91.1	91.3	91.3	91.4	91.4	91.5	91.5
≥ 1600	7.9	68.3	74.8	81.7	85.6	87.1	89.6	91.3	91.5	92.7	93.0	93.0	93.2	93.3	93.3	93.3
≥ 1400	7.9	68.5	75.2	82.2	86.4	88.0	90.6	92.4	92.6	93.9	94.2	94.3	94.5	94.5	94.6	94.6
≥ 1200	7.9	68.6	75.4	82.5	86.7	88.4	91.2	93.2	93.3	94.8	95.1	95.1	95.4	95.5	95.5	95.5
≥ 1000	7.9	68.6	75.4	82.7	87.2	88.9	91.8	94.0	94.2	95.9	96.4	96.5	96.9	96.9	97.0	97.1
≥ 900	7.9	68.6	75.4	82.8	87.3	89.0	92.0	94.2	94.5	96.3	96.9	97.0	97.5	97.6	97.7	97.7
≥ 800	7.9	68.6	75.5	82.8	87.4	89.2	92.1	94.5	94.7	96.6	97.5	97.6	98.3	98.4	98.6	98.7
≥ 700	7.9	68.7	75.5	82.8	87.4	89.2	92.2	94.6	94.8	96.8	97.7	97.8	98.6	98.7	99.0	99.2
≥ 600	7.9	68.7	75.5	82.8	87.4	89.2	92.2	94.6	94.8	96.8	97.7	97.8	98.8	98.9	99.4	99.7
< 600	7.9	68.7	75.5	82.9	87.5	89.2	92.2	94.6	94.8	96.9	97.8	97.8	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6674

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 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

VISIBILITY IN STATUTE MILES

CEILING IN FEET	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
NO CEILING	.2 9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
20000	.2 10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
15000	.2 11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
12000	.2 11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
10000	.2 11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
9000	.2 11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
8000	.1 12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
7000	.3 12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
6000	.1 12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
5000	.2 13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
4500	.2 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
4000	.2 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	14.3
3500	.2 15.6	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
3000	.2 17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
2500	.2 21.3	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
2000	.2 28.6	29.5	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
1800	.2 39.0	41.5	42.7	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
1600	.2 52.3	56.6	59.1	59.6	59.9	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4
1400	.2 53.9	58.4	61.2	61.9	62.2	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
1200	.2 60.8	67.9	72.5	73.9	74.3	75.1	75.3	75.3	75.4	75.5	75.5	75.5	75.5	75.5
1000	.3 62.6	70.4	77.1	79.7	80.3	81.7	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4
900	.3 63.9	72.7	80.1	83.4	84.1	86.2	87.0	87.0	87.4	87.6	87.6	87.6	87.6	87.6
800	.3 64.7	73.7	81.3	85.0	85.7	88.2	89.0	89.0	89.6	89.7	89.7	89.7	89.7	89.7
700	.3 65.5	74.6	82.9	87.0	87.8	90.5	91.9	91.9	92.8	92.9	92.9	92.9	92.9	92.9
600	.3 65.7	74.9	84.0	88.5	89.3	92.4	93.9	93.9	94.9	95.2	95.2	95.3	95.3	95.3
500	.3 65.7	75.1	84.4	89.1	89.8	93.3	94.9	94.9	96.0	96.3	96.3	96.5	96.5	96.5
400	.3 65.7	75.2	84.6	89.6	90.4	94.2	96.0	96.0	97.2	97.7	97.7	98.1	98.1	98.3
300	.3 65.7	75.2	84.6	89.6	90.4	94.4	96.3	96.4	97.7	98.4	98.4	98.8	98.8	98.9
200	.3 65.7	75.2	84.6	89.6	90.4	94.4	96.3	96.4	97.7	98.4	98.4	98.8	98.8	99.0
100	.3 65.7	75.2	84.6	89.6	90.4	94.4	96.3	96.4	97.8	98.5	98.5	99.2	99.2	99.3	99.8
0	.3 65.8	75.3	84.7	89.7	90.5	94.5	96.4	96.5	97.9	98.6	98.6	99.3	99.3	99.6	100.0
	.3 65.8	75.3	84.7	89.7	90.5	94.5	96.4	96.5	97.9	98.6	98.6	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	<¼	≥0		
NO CEILING	10.2	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	
≥20000	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	
≥18000	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
≥16000	12.5	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	
≥14000	12.5	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	
≥12000	12.5	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	
≥10000	12.6	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	
≥9000	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	
≥8000	13.3	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	13.5	
≥7000	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	14.7	
≥6000	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	
≥5000	16.3	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	
≥4500	17.0	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	
≥4000	18.5	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	19.1	
≥3500	23.3	23.7	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	
≥3000	31.2	31.9	32.4	32.7	32.7	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	
≥2500	42.7	44.4	45.6	46.0	46.0	46.2	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	
≥2000	55.3	58.5	61.0	61.9	62.0	62.5	62.9	62.9	63.1	63.2	63.2	63.3	63.3	63.3	63.3	
≥1800	57.4	60.6	63.5	64.4	64.5	65.0	65.4	65.4	65.6	65.7	65.7	65.8	65.8	65.8	65.8	
≥1600	63.3	67.5	72.3	74.5	74.7	75.8	76.6	76.6	76.9	77.0	77.0	77.1	77.1	77.1	77.1	
≥1400	64.9	69.8	76.4	79.5	79.8	81.4	82.2	82.2	82.6	82.7	82.7	82.8	82.8	82.8	82.8	
≥1200	66.2	72.5	80.6	84.5	84.9	87.6	89.0	89.0	89.3	89.5	89.5	89.8	89.8	89.8	89.8	
≥1000	66.8	73.1	81.3	85.4	85.7	88.6	90.1	90.1	90.6	90.8	90.8	91.1	91.1	91.1	91.1	
≥900	68.2	74.7	83.2	88.1	88.5	91.4	93.1	93.1	93.8	94.0	94.0	94.2	94.2	94.2	94.2	
≥800	68.4	74.9	83.9	88.9	89.2	92.6	94.3	94.3	95.1	95.4	95.4	95.6	95.6	95.6	95.8	
≥700	68.4	75.1	84.1	89.3	89.7	93.1	95.1	95.2	96.1	96.4	96.4	96.7	96.7	96.7	96.8	
≥600	68.4	75.1	84.2	89.5	89.9	93.4	95.6	95.9	97.2	97.6	97.6	98.0	98.0	98.0	98.1	
≥500	68.4	75.1	84.2	89.8	90.1	93.8	96.3	96.5	97.8	98.3	98.3	98.7	98.7	98.9	99.0	
≥400	68.4	75.1	84.2	89.8	90.1	93.8	96.4	96.6	98.1	98.7	98.7	99.3	99.3	99.6	99.7	
≥300	68.4	75.1	84.2	89.8	90.1	93.8	96.4	96.6	98.1	98.8	98.8	99.5	99.5	99.7	99.9	
≥200	68.4	75.1	84.2	89.8	90.1	93.8	96.4	96.6	98.1	98.8	98.8	99.5	99.5	99.7	100.0	
0	68.4	75.1	84.2	89.8	90.1	93.8	96.4	96.6	98.1	98.8	98.8	99.5	99.5	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 918

GL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AT[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

	1.4	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
	1.6	7.9	8.1	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	1.9	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
	2.1	10.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	2.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	2.4	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
	2.7	12.9	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	2.8	13.6	13.9	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
	2.8	14.7	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
	2.9	15.7	15.9	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
	3.1	17.4	17.6	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
	3.4	22.8	22.9	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3
	4.6	33.2	34.4	34.8	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4
	5.3	44.2	46.9	48.1	49.1	49.2	49.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7
	6.1	55.9	60.6	63.1	65.0	65.2	66.0	66.3	66.4	66.7	66.7	66.8	66.8	66.8	66.8	66.8
	6.1	58.0	62.8	65.4	67.6	67.9	68.8	69.0	69.1	69.8	69.8	69.9	69.9	69.9	69.9	69.9
	6.2	63.0	70.3	74.6	77.2	77.8	79.0	79.8	79.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2
	6.3	65.2	73.4	78.3	81.4	82.1	83.5	84.4	84.5	85.8	85.9	86.0	86.0	86.0	86.0	86.0
	6.4	66.6	75.8	81.9	85.7	86.7	88.8	90.0	90.2	91.7	91.8	91.9	91.9	91.9	91.9	91.9
	6.4	67.0	76.2	82.5	86.4	87.3	89.4	90.8	91.0	92.7	92.8	92.9	93.0	93.0	93.0	93.0
	6.4	67.4	76.7	83.5	87.4	88.4	91.4	93.0	93.2	95.2	95.3	95.4	95.6	95.6	95.7	96.0
	6.4	67.4	76.7	83.8	87.9	89.0	91.9	93.8	94.0	96.2	96.3	96.4	96.6	96.6	96.7	96.9
	6.6	67.6	77.0	84.2	88.2	89.3	92.2	94.3	94.7	96.9	97.1	97.2	97.5	97.5	97.6	97.8
	6.6	67.6	77.1	84.4	88.5	89.6	92.7	95.1	95.4	97.9	98.0	98.1	98.7	98.7	98.9	99.1
	6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.0	99.0	99.2	99.5
	6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.2	99.2	99.6	99.8
	6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.2	95.5	98.0	98.3	98.4	99.2	99.3	99.7	99.9
	6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.3	95.6	98.1	98.4	98.5	99.3	99.5	99.8	100.0
	6.6	67.6	77.1	84.4	88.6	89.7	92.8	95.3	95.6	98.1	98.4	98.5	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

	3.1	7.3	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	
	3.3	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	3.3	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	
	3.3	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	
	3.8	9.5	9.5	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	
	4.0	9.8	9.8	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
	4.4	10.2	10.2	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	
	5.1	10.9	10.9	11.1	11.1	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
	5.4	11.8	11.8	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	
	5.3	13.0	13.0	13.2	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	
	5.9	14.1	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	
	6.4	16.1	16.2	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	
	6.8	16.9	17.0	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	
	7.1	18.1	18.3	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	
	8.1	23.4	23.4	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	
	10.7	35.1	36.7	37.4	37.6	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	
	12.0	46.4	49.1	50.2	50.8	50.9	51.0	51.0	51.0	51.1	51.3	51.3	51.4	51.4	51.4	51.4	
	12.8	58.3	62.3	64.9	65.9	66.1	66.3	66.4	66.4	66.6	66.7	66.7	66.9	66.9	66.9	67.0	
	12.9	60.9	65.6	68.6	69.8	70.2	70.6	70.8	70.8	70.9	71.0	71.0	71.3	71.3	71.3	71.4	
	13.0	64.9	71.3	75.3	78.1	78.7	79.9	80.3	80.3	81.3	81.5	81.5	81.9	81.9	81.9	82.0	
	13.0	65.9	72.8	77.6	81.1	81.9	83.7	84.4	84.4	85.6	85.8	85.8	86.1	86.1	86.1	86.2	
	13.0	66.9	74.3	79.3	83.8	84.9	87.4	88.1	88.1	89.6	89.9	89.9	90.4	90.4	90.4	90.5	
	13.0	67.2	74.6	79.9	84.5	85.6	88.1	89.1	89.1	90.6	90.9	90.9	91.4	91.4	91.4	91.5	
	13.0	67.7	75.2	80.5	85.6	86.9	89.9	91.1	91.1	92.8	93.2	93.2	93.8	93.8	93.8	93.9	
	13.0	67.8	75.4	80.8	85.8	87.1	90.3	91.6	91.7	93.4	93.9	93.9	94.4	94.4	94.4	94.5	
	13.0	67.9	75.7	81.1	86.1	87.7	90.9	92.7	92.8	95.3	95.8	95.8	96.6	96.6	96.7	96.8	
	13.0	68.0	76.2	81.5	86.8	88.3	91.9	93.9	94.0	96.9	97.7	97.7	98.7	98.7	98.8	98.9	
	13.0	68.0	76.2	81.5	86.8	88.3	91.9	93.9	94.0	96.9	97.7	97.7	98.7	98.7	99.0	99.2	
	13.0	68.0	76.2	81.5	86.8	88.3	91.9	93.9	94.0	96.9	97.7	97.7	98.7	98.8	99.2	99.5	
	13.0	68.0	76.2	81.5	86.8	88.3	91.9	93.9	94.0	96.9	98.0	98.0	99.0	99.1	99.6	99.8	
	13.0	68.0	76.2	81.5	86.8	88.3	91.9	93.9	94.0	96.9	98.0	98.0	99.0	99.1	99.6	99.9	
	13.0	68.0	76.2	81.5	86.9	88.4	92.0	94.0	94.1	97.0	98.1	98.1	99.1	99.2	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

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

GL AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

2.1	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
2.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
3.5	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
3.5	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
3.7	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
3.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
4.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
5.2	11.6	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
5.0	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
5.7	13.8	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
6.2	14.5	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
6.6	15.1	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
7.1	17.9	18.0	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
9.7	23.4	23.6	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
12.5	33.9	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
14.2	48.7	50.7	51.7	52.2	52.3	52.6	52.6	52.6	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9
14.8	59.3	62.2	64.6	65.5	65.7	66.1	66.3	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.9
14.9	62.0	65.4	68.7	69.9	70.2	70.7	70.9	70.9	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.5
15.1	68.2	73.4	76.0	79.7	80.0	80.8	81.3	81.3	81.9	82.2	82.2	82.3	82.3	82.3	82.3	82.4
15.1	68.7	74.4	79.5	81.7	82.6	83.8	84.6	84.6	85.6	85.9	85.9	86.0	86.0	86.0	86.1	86.1
15.1	70.5	76.8	83.0	86.1	87.2	89.5	90.6	90.6	92.0	92.3	92.3	92.7	92.7	92.7	92.8	
15.1	70.7	77.2	83.3	86.4	87.7	89.9	91.0	91.0	92.7	93.0	93.0	93.3	93.3	93.3	93.4	
15.1	71.1	77.7	84.2	87.4	88.6	91.3	92.3	92.3	94.2	94.6	94.6	95.1	95.1	95.1	95.2	
15.1	71.3	78.0	84.6	87.9	89.1	91.9	93.4	93.4	95.3	95.7	95.7	96.2	96.2	96.2	96.3	
15.1	71.3	78.1	84.6	88.0	89.2	92.1	94.2	94.3	96.2	96.7	96.7	97.2	97.2	97.2	97.3	
15.1	71.3	78.0	84.6	88.0	89.2	92.3	94.5	94.8	97.0	97.7	97.7	98.8	98.8	98.9	99.0	
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.0	98.0	99.1	99.1	99.2	99.3	
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.1	98.1	99.3	99.5	99.6	99.7	
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.6	99.8	99.9	
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.6	99.8	100.0	
15.1	71.3	78.0	84.6	88.0	89.2	92.5	94.8	95.0	97.4	98.3	98.3	99.5	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

GL AL CLIMATOLOGY BRANCH
AFETAC
A EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY STATUTE MILES

CEILING (HUNDREDS OF FEET)	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
10	2.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
9	3.3	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
8	3.8	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
7	3.8	6.9	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
6	3.9	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
5	3.9	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
4½	4.2	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
4	4.6	8.1	8.1	8.1	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
3½	5.0	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
3	5.2	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
2½	5.3	10.7	10.7	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
2	6.0	11.9	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
1½	6.5	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
1	7.7	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
800	9.9	21.1	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
600	12.9	31.9	32.4	32.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
500	14.5	44.2	45.2	46.0	46.3	46.6	46.8	47.0	47.0	47.3	47.4	47.4	47.4	47.4
400	15.1	56.1	58.2	60.8	61.6	62.0	62.9	63.1	63.1	63.4	63.5	63.5	63.5	63.5
300	15.2	59.8	62.3	65.4	66.3	66.8	67.8	68.1	68.1	68.4	68.5	68.5	68.5	68.5
200	15.4	65.1	69.3	73.3	75.6	76.1	77.5	78.0	78.0	78.7	78.9	78.9	79.0	79.0
150	15.4	67.0	71.6	76.4	78.9	79.7	81.5	82.4	82.4	83.2	83.4	83.4	83.5	83.5
100	15.5	68.5	73.9	80.0	83.1	84.5	86.8	87.9	87.9	89.1	89.4	89.4	89.5	89.5
50	15.5	68.9	74.0	80.8	83.8	85.5	87.8	89.5	89.5	90.8	91.0	91.0	91.1	91.1
30	15.5	70.1	75.2	82.2	85.5	87.3	90.1	91.9	91.9	93.4	93.6	93.7	93.8	93.8
20	15.5	70.5	75.6	82.6	85.9	87.7	90.6	92.4	92.4	94.0	94.2	94.4	94.5	94.5
15	15.5	70.6	75.7	82.8	86.2	88.1	91.2	93.3	93.3	95.1	95.4	95.5	95.8	95.9
10	15.5	70.6	75.7	82.8	86.2	88.1	91.5	93.6	93.6	96.3	96.4	96.5	97.3	97.5
7	15.5	70.6	75.7	82.8	86.2	88.1	91.5	93.6	93.6	96.1	96.5	96.7	97.8	98.0
5	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.7	93.7	96.6	97.1	97.3	98.6	98.8
4	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.7	97.2	97.4	98.7	99.0
3	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.9	97.4	97.6	98.9	99.3
2	15.5	70.6	75.7	82.8	86.2	88.1	91.6	93.8	93.8	96.9	97.4	97.6	98.9	99.3

CEILING (HUNDREDS OF FEET)	¼	0
10	4.7	4.7
9	5.6	5.6
8	7.1	7.1
7	7.1	7.1
6	7.3	7.3
5	7.4	7.4
4½	7.8	7.8
4	8.3	8.3
3½	8.8	8.8
3	9.9	9.9
2½	10.9	10.9
2	12.1	12.1
1½	13.0	13.0
1	15.2	15.2
800	21.5	21.5
600	32.8	32.8
500	47.4	47.4
400	63.5	63.5
300	68.5	68.5
200	79.0	79.0
150	83.5	83.5
100	89.5	89.5
50	91.1	91.1
30	93.8	93.8
20	94.5	94.5
15	95.9	95.9
10	97.5	97.5
7	98.3	98.3
5	99.0	99.0
4	99.2	99.5
3	99.7	100.0
2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 921

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

2.1	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
2.1	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
2.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
2.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
2.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
2.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
3.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
3.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
3.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
4.8	13.8	13.8	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
5.3	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
5.4	15.2	15.2	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
5.8	15.9	15.9	16.0	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
6.2	17.5	17.5	17.6	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
7.0	22.8	23.2	23.4	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
8.8	30.7	31.7	32.2	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
9.3	43.7	46.1	47.3	47.5	47.7	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
10.1	54.4	57.4	59.5	60.7	61.1	61.5	62.1	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.7
10.2	56.5	60.2	62.6	64.0	64.3	64.8	65.4	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	66.0
10.2	62.1	69.4	73.0	75.4	76.1	77.1	78.0	78.0	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.1
10.2	63.5	70.1	76.3	79.3	80.3	81.9	82.8	82.8	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0
10.2	64.9	72.3	79.4	83.8	84.8	87.6	88.7	88.7	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.7
10.2	65.1	72.6	79.9	84.4	85.3	88.3	89.6	89.6	91.1	91.5	91.6	91.8	91.8	91.8	91.8	91.9
10.2	65.4	73.1	80.7	85.7	86.8	89.9	91.6	91.6	93.1	93.4	93.5	94.1	94.1	94.1	94.1	94.2
10.2	65.6	73.3	81.2	86.3	87.5	90.7	92.5	92.5	94.0	94.3	94.4	95.0	95.0	95.0	95.0	95.1
10.2	65.9	73.5	81.4	86.5	87.7	91.2	93.1	93.3	95.0	95.3	95.4	96.0	96.0	96.0	96.0	96.1
10.2	65.9	73.5	81.4	87.0	88.3	92.1	94.1	94.3	96.4	96.7	96.9	97.9	97.9	97.9	97.9	98.0
10.2	65.9	73.6	81.5	87.2	88.5	92.3	94.3	94.5	96.9	97.4	97.6	98.7	98.7	98.7	98.7	98.8
10.2	65.9	73.6	81.5	87.2	88.5	92.3	94.3	94.5	97.0	97.5	97.7	98.8	98.8	98.8	98.8	99.0
10.2	65.9	73.4	81.6	87.3	88.6	92.5	94.4	94.6	97.2	97.6	97.9	99.0	99.0	99.0	99.0	99.5
10.2	65.9	73.6	81.7	87.4	88.7	92.6	94.5	94.7	97.4	97.9	98.2	99.3	99.3	99.3	99.3	99.9
10.2	65.9	73.6	81.7	87.4	88.7	92.6	94.5	94.7	97.4	97.9	98.2	99.3	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 914

FL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0				
NO CEILING	.9	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
22000	.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
18000	.9	9.8	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
15000	.9	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
12000	.9	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
10000	.9	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
9000	.9	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
8000	.9	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
7000	.9	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
6000	.9	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
5000	.9	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
4500	.9	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
4000	.9	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
3500	.9	17.5	17.8	17.9	17.9	17.9	17.9	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
3000	.9	21.6	22.0	22.2	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
2500	.9	28.8	29.6	29.9	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
2000	.9	41.4	43.9	44.7	45.8	45.8	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
1800	.9	53.5	56.7	58.9	60.1	60.2	60.5	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
1500	.9	54.9	58.6	61.4	62.6	62.7	63.3	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
1200	.9	60.9	67.2	72.6	75.2	75.7	76.7	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
1000	1.0	63.5	70.4	77.5	80.7	81.4	83.2	83.7	83.7	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
900	1.0	64.8	73.3	81.6	85.4	86.1	88.4	89.3	89.3	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.4
800	1.0	65.3	74.0	82.4	86.4	87.1	89.4	90.4	90.4	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.5
700	1.0	65.5	74.5	84.0	88.3	89.1	91.8	92.9	92.9	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2
600	1.0	66.1	75.2	84.8	89.5	90.3	93.2	94.3	94.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7
500	1.0	66.1	75.3	85.0	89.7	90.5	93.5	94.7	94.7	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6
400	1.0	66.2	75.5	85.3	90.3	91.0	94.4	95.7	95.7	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1
300	1.0	66.2	75.5	85.3	90.3	91.0	94.4	95.7	95.7	97.5	98.0	98.0	98.4	98.4	98.4	98.4	98.4
200	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.0	96.0	98.0	98.6	98.6	98.9	98.9	98.9	99.0	
100	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.2	99.2	99.2	99.5	
0	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.6	100.0	
	1.0	66.2	75.5	85.3	90.3	91.0	94.4	96.1	96.1	98.1	98.7	98.7	99.3	99.3	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	20	25	24	21	22	12	2½	2	2	1¼	1	¾	½	¼	⅛	0
1	1.5	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
2	1.9	8.1	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
3	2.1	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
4	2.1	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
5	2.1	9.7	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
6	2.2	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
7	2.4	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
8	2.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
9	2.9	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
10	3.2	13.0	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
11	3.3	13.8	13.9	13.9	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
12	3.6	14.8	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
13	3.7	15.7	15.8	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
14	4.0	17.5	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
15	4.8	22.4	22.8	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2
16	6.3	31.7	32.7	33.0	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
17	7.1	43.8	46.7	47.0	47.6	47.7	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2
18	7.5	55.6	59.1	61.5	62.5	62.8	63.3	63.5	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9
19	7.5	57.9	61.7	64.6	65.8	66.1	66.7	67.0	67.0	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4
20	7.6	63.6	69.4	74.0	76.2	76.7	77.7	78.3	78.3	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2
21	7.7	65.2	71.4	77.4	80.3	81.0	82.6	83.3	83.3	84.1	84.3	84.3	84.4	84.4	84.4	84.4	84.5
22	7.7	66.5	73.9	80.7	84.5	85.4	87.8	88.8	88.9	89.9	90.1	90.2	90.3	90.3	90.3	90.4	
23	7.7	67.0	74.4	81.4	85.3	86.2	88.7	89.9	90.0	91.2	91.4	91.4	91.6	91.6	91.6	91.6	
24	7.7	67.6	75.2	82.7	86.9	87.9	90.8	92.2	92.3	93.6	93.9	93.9	94.2	94.2	94.2	94.3	
25	7.7	67.8	75.5	83.2	87.6	88.6	91.7	93.3	93.3	94.8	95.1	95.1	95.4	95.4	95.4	95.5	
26	7.7	67.9	75.7	83.4	87.9	89.0	92.2	94.0	94.1	95.8	96.2	96.2	96.6	96.6	96.6	96.7	
27	7.7	67.9	75.8	83.6	88.2	89.3	92.8	94.8	95.0	97.0	97.5	97.5	98.2	98.2	98.3	98.4	
28	7.7	67.9	75.8	83.6	88.3	89.4	93.0	95.0	95.2	97.3	97.8	97.9	98.6	98.7	98.8	98.9	
29	7.7	67.9	75.8	83.6	88.3	89.4	93.0	95.1	95.2	97.5	98.0	98.1	99.0	99.0	99.2	99.3	
30	7.7	67.9	75.8	83.6	88.3	89.4	93.0	95.1	95.3	97.5	98.2	98.2	99.2	99.2	99.4	99.7	
31	7.7	68.0	75.8	83.7	88.3	89.5	93.0	95.1	95.3	97.6	98.3	98.3	99.3	99.4	99.6	100.0	
32	7.7	68.0	75.8	83.7	88.4	89.5	93.0	95.2	95.3	97.6	98.3	98.3	99.3	99.4	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 7329

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING FEET	VISIBILITY STATUTE MILES																
	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
NO CEILING	.1	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
20000	.1	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
10000	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
6000	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
4500	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3500	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3000	.1	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
2500	.1	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
2000	.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
1800	.1	10.6	10.8	10.8	10.8	10.8	10.8	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
1600	.1	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
1400	.1	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
1200	.1	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
1000	.1	14.9	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
900	.1	20.3	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
800	.2	29.6	30.6	30.6	30.9	30.9	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
700	.2	40.8	42.7	43.2	43.6	43.6	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
600	.3	54.6	57.9	59.8	60.5	60.5	60.9	61.1	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
500	.3	56.8	60.4	62.5	63.3	63.4	63.8	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
400	.3	65.2	70.3	74.6	76.1	76.3	77.0	77.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
300	.3	68.6	75.3	80.9	83.2	83.5	84.4	84.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
200	.3	70.5	77.9	84.3	87.5	88.2	89.4	89.9	89.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
150	.3	71.2	78.6	85.4	88.8	89.8	90.9	91.5	91.5	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2
100	.3	71.4	78.9	86.3	90.4	91.5	92.8	93.4	93.4	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
70	.3	71.8	79.4	87.3	91.5	92.6	94.5	95.1	95.1	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
50	.3	71.8	79.4	87.5	92.0	93.2	95.3	96.2	96.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
30	.3	71.8	79.4	87.5	92.3	93.5	96.0	96.9	96.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
20	.3	71.9	79.5	87.7	92.5	93.7	96.3	97.3	97.3	99.3	99.6	99.6	99.8	99.8	99.8	99.8	99.8
10	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0
0	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0
	.3	71.9	79.5	87.7	92.6	93.8	96.4	97.4	97.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

...L BAL CLIMATOLOGY BRANCH
...CAFETAC
A... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
		7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
		7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
		8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
		8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
		8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
		8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
		8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
		8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
		8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
	.1	9.5	9.5	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
	.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	.2	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3
	.2	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8
	.2	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1
	.3	18.7	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3
	.3	26.9	27.9	28.3	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5
	.4	41.4	43.4	44.3	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9
	.4	56.0	59.5	61.7	63.0	63.0	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	.4	63.8	67.7	65.0	66.3	66.3	66.3	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
	.4	66.0	72.5	77.0	79.2	79.3	79.6	79.9	79.9	80.5	80.6	80.6	80.7	80.7	80.7	80.7
	.6	68.5	77.7	82.7	85.3	85.5	86.1	86.4	86.4	87.4	87.5	87.5	87.7	87.7	87.7	87.7
	.6	69.8	79.1	86.0	89.8	90.1	91.2	91.7	91.7	92.8	92.9	92.9	93.0	93.0	93.0	93.0
	.7	70.4	80.1	87.5	91.7	92.0	93.2	93.6	93.6	94.9	95.1	95.1	95.2	95.2	95.2	95.2
	.7	70.7	80.5	88.1	92.6	92.9	94.1	94.6	94.6	96.2	96.3	96.3	96.4	96.4	96.4	96.4
	.7	71.2	80.9	89.0	93.5	93.8	95.3	96.2	96.2	97.8	97.9	97.9	98.0	98.0	98.0	98.0
	.7	71.2	81.1	89.3	94.3	94.6	96.4	97.5	97.5	99.2	99.4	99.4	99.6	99.6	99.6	99.6
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0
	.7	71.4	81.5	89.8	94.7	95.1	96.9	98.0	98.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	9	8	7	6	5	4	3	2½	2	1¾	1½	1¼	1	¾	½
≥ 22000	2.5	5.7	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 20000	2.5	5.7	5.8	5.8	5.8	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 18000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 17000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 16000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 15000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 14000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 13000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 12000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 11000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 10000	3.0	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 9000	3.0	8.0	8.1	8.1	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 8000	3.7	9.8	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 7000	3.7	10.6	10.7	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
≥ 6000	4.5	11.5	11.6	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
≥ 5000	4.4	12.2	12.4	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
≥ 4500	5.4	14.5	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 4000	7.3	21.6	21.8	22.2	22.2	22.2	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5
≥ 3500	8.5	28.4	28.9	29.7	29.7	29.7	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
≥ 3000	10.3	39.6	41.1	42.9	43.6	43.7	43.9	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2
≥ 2500	12.4	54.6	57.9	61.3	62.2	62.7	63.1	63.1	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7
≥ 2000	12.5	56.9	60.6	64.3	65.4	65.8	66.3	66.3	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0
≥ 1800	13.1	64.4	70.1	76.2	78.8	79.3	80.2	80.3	80.4	81.0	81.3	81.3	81.5	81.5	81.5	81.5
≥ 1500	13.0	66.1	72.4	79.2	83.3	84.0	85.2	85.3	85.4	86.1	86.4	86.4	86.5	86.5	86.5	86.5
≥ 1200	13.1	68.0	74.9	82.6	87.1	87.9	90.2	90.6	90.8	92.4	92.7	92.7	92.9	92.9	92.9	92.9
≥ 1000	13.1	68.3	75.3	83.0	87.6	88.5	91.0	91.5	91.7	93.3	93.6	93.6	93.8	93.8	93.8	93.8
≥ 900	13.1	68.7	75.7	83.7	88.7	89.7	92.4	93.0	93.3	94.9	95.3	95.3	95.5	95.5	95.5	95.5
≥ 800	13.1	68.7	75.8	83.9	89.0	90.0	92.7	93.4	93.6	95.6	96.1	96.1	96.3	96.3	96.3	96.3
≥ 700	13.1	68.8	76.0	84.0	89.1	90.1	93.4	94.2	94.5	97.0	97.4	97.5	97.9	97.9	97.9	97.9
≥ 600	13.1	68.9	76.1	84.3	89.6	90.6	93.8	94.7	95.1	97.8	98.4	98.5	99.1	99.2	99.2	99.2
≥ 500	13.1	68.9	76.1	84.3	89.8	90.8	94.0	94.9	95.3	98.0	98.7	98.8	99.3	99.4	99.4	99.4
≥ 400	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.1	98.8	98.9	99.4	99.6	99.6	99.7
≥ 300	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.8	99.9	99.9	100.0
≥ 200	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.8	99.9	99.9	100.0
≥ 100	13.1	68.9	76.2	84.4	89.9	90.9	94.2	95.1	95.4	98.2	99.0	99.1	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 890

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
≥ 22000	1.3	3.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
≥ 20000	1.9	4.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 18000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 17000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 16000	2.4	5.6	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 14000	2.5	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
≥ 12000	2.5	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 11000	2.5	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
≥ 10000	2.9	6.9	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥ 9000	3.7	8.6	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
≥ 8000	4.3	9.7	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
≥ 7000	4.5	10.3	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 6000	5.9	11.7	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 5000	6.8	14.3	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
≥ 4500	11.2	22.6	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9	23.9
≥ 4000	13.3	28.9	30.1	30.7	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0
≥ 3500	14.9	40.0	41.8	42.8	43.5	43.6	43.7	43.7	43.7	43.9	44.0	44.0	44.0
≥ 3000	16.3	54.2	57.1	59.3	60.9	61.1	61.5	61.5	61.5	61.7	61.9	61.9	61.9
≥ 2500	16.4	57.3	60.8	63.0	65.0	65.2	65.8	65.8	65.8	66.0	66.1	66.1	66.1
≥ 2000	16.8	65.5	70.9	74.3	77.8	78.4	79.2	79.2	79.2	79.6	79.8	79.8	79.9
≥ 1800	16.9	67.9	74.7	78.8	83.0	84.0	85.0	85.3	85.3	85.7	85.9	85.9	86.0
≥ 1500	17.0	69.1	76.4	81.6	86.8	87.8	89.3	90.4	90.4	91.5	91.8	91.8	91.9
≥ 1000	17.0	69.2	76.7	82.2	87.6	88.6	90.1	91.2	91.2	92.3	92.6	92.6	92.7
≥ 800	17.0	69.9	77.5	83.4	88.9	90.3	92.2	93.6	93.6	94.9	95.1	95.1	95.3
≥ 700	17.0	69.9	77.5	83.7	89.5	91.0	93.0	94.4	94.4	95.8	96.0	96.0	96.2
≥ 600	17.0	69.9	77.7	83.9	89.8	91.4	93.8	95.1	95.1	96.7	97.0	97.0	97.1
≥ 500	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	98.6	99.0	99.0	99.2
≥ 400	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	98.6	99.0	99.0	99.3
≥ 300	17.0	70.3	78.1	84.4	90.9	92.6	95.0	96.6	96.6	98.6	99.1	99.1	99.4
≥ 200	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	98.8	99.2	99.2	99.5
≥ 100	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	98.8	99.2	99.2	99.7
0	17.0	70.4	78.2	84.5	91.0	92.7	95.1	96.7	96.7	98.8	99.2	99.2	99.7

	≥0
≥ 22000	4.1
≥ 20000	4.2
≥ 18000	5.9
≥ 17000	5.9
≥ 16000	5.9
≥ 14000	6.0
≥ 12000	6.1
≥ 11000	6.1
≥ 10000	7.2
≥ 9000	8.9
≥ 8000	10.0
≥ 7000	10.6
≥ 6000	12.1
≥ 5000	14.8
≥ 4500	23.9
≥ 4000	31.0
≥ 3500	44.0
≥ 3000	61.9
≥ 2500	66.1
≥ 2000	79.9
≥ 1800	86.0
≥ 1500	91.9
≥ 1000	92.7
≥ 800	95.3
≥ 700	96.2
≥ 600	97.1
≥ 500	99.2
≥ 400	99.3
≥ 300	99.7
≥ 200	99.9
≥ 100	99.9
0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥0
NO CEILING	2.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 20000	2.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 18000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 16000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000	3.2	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000	3.5	4.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 10000	3.5	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 9000	3.5	5.0	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 8000	3.5	5.3	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 7000	3.6	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
≥ 6000	3.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 5000	4.2	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 4500	5.7	10.4	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
≥ 4000	6.2	12.1	12.2	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
≥ 3500	10.8	21.3	21.4	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
≥ 3000	13.2	29.3	29.5	30.0	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 2500	15.3	41.6	42.3	43.1	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7
≥ 2000	16.7	54.7	56.1	57.4	58.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7
≥ 1800	17.2	59.3	61.2	62.8	63.7	64.0	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
≥ 1500	17.7	68.0	71.6	74.6	76.7	77.0	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6
≥ 1200	17.1	70.0	75.2	79.3	81.5	82.2	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2
≥ 1000	17.8	72.0	77.7	83.3	86.6	87.5	90.0	90.8	90.9	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.7
≥ 900	17.8	72.0	78.0	83.9	87.3	88.3	91.0	91.9	92.0	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.8
≥ 800	17.8	72.8	79.5	85.9	89.9	91.0	94.3	95.2	95.3	96.4	96.5	96.5	96.6	96.6	96.6	96.6	96.7
≥ 700	17.8	72.9	79.6	86.2	90.5	91.7	95.5	96.6	96.7	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.2
≥ 600	17.8	72.9	79.7	86.5	90.8	91.9	95.8	97.1	97.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6
≥ 500	17.8	72.9	79.7	86.6	90.9	92.0	96.3	97.5	97.6	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.4
≥ 400	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.5	99.5	99.5	99.5	99.7
≥ 300	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.8
≥ 200	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.8
≥ 100	17.8	72.9	79.7	86.6	91.0	92.1	96.4	97.6	97.7	99.0	99.2	99.2	99.7	99.7	99.7	99.7	99.8
≥ 0	17.8	72.9	79.8	86.7	91.1	92.2	96.5	97.7	97.9	99.1	99.3	99.3	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 887

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

CEILING VERSUS VISIBILITY

7 454C ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY IN STATUTE MILES

CEILING IN FEET	≥10	10	7	5	4	3½	3	≥2½	2½	2	1½	1¼	1	½	¼	0
[illegible]	2.3	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 2[illegible]	2.8	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
[illegible]	3.3	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
[illegible]	3.3	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
[illegible]	3.3	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
[illegible]	3.4	5.9	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
[illegible]	3.4	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
[illegible]	3.4	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
[illegible]	3.5	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
[illegible]	4.2	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
[illegible]	4.3	8.4	8.4	8.4	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
[illegible]	4.6	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
[illegible]	5.5	10.0	10.1	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
[illegible]	6.7	12.8	12.9	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
[illegible]	10.3	21.5	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
[illegible]	12.6	30.0	30.2	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
[illegible]	14.8	41.2	42.7	43.4	43.5	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7
[illegible]	15.3	54.0	55.2	58.0	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8
[illegible]	15.8	59.0	60.7	64.4	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3
[illegible]	16.2	68.0	72.1	77.6	79.2	79.6	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
[illegible]	16.4	70.3	75.3	81.5	83.6	84.3	85.6	85.6	85.6	86.1	86.1	86.1	86.2	86.2	86.2	86.2
[illegible]	16.5	72.4	77.8	85.8	88.6	89.4	91.0	91.3	91.3	91.9	91.9	91.9	92.0	92.0	92.0	92.0
[illegible]	16.5	73.0	78.5	86.7	89.5	90.4	92.0	92.5	92.5	93.4	93.4	93.4	93.5	93.5	93.5	93.5
[illegible]	16.5	73.6	79.2	87.6	90.8	91.7	93.6	94.3	94.3	95.9	95.9	96.0	96.1	96.1	96.1	96.1
[illegible]	16.5	73.6	79.2	87.7	91.1	92.0	94.1	95.0	95.0	96.6	96.6	96.7	96.8	96.8	96.8	96.8
[illegible]	16.5	73.6	79.2	87.9	92.0	92.9	95.2	96.1	96.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3
[illegible]	16.5	73.7	79.4	88.2	92.3	93.2	95.7	96.7	97.7	98.9	98.9	99.0	99.2	99.2	99.2	99.2
[illegible]	16.5	73.7	79.4	88.2	92.4	93.3	95.8	96.8	96.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4
[illegible]	16.5	73.7	79.4	88.2	92.4	93.3	95.9	96.9	96.9	99.3	99.5	99.7	99.9	99.9	99.9	99.9
[illegible]	16.5	73.7	79.4	88.2	92.4	93.3	95.9	96.9	96.9	99.3	99.5	99.7	99.9	99.9	99.9	99.9
[illegible]	16.5	73.7	79.4	88.2	92.4	93.3	95.9	96.9	96.9	99.3	99.5	99.7	100.0	100.0	100.0	100.0
[illegible]	16.5	73.7	79.4	88.2	92.4	93.3	95.9	96.9	96.9	99.3	99.5	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 878

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 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1¼	1	¾	½	⅜	¼	⅛	0					
12000	1.9	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4
10000	2.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5
9000	2.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
8000	2.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
7000	2.1	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.8
6000	2.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1
5000	2.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1
4500	2.1	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	5.1
4000	3.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2
3500	4.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.5
3000	4.3	7.9	7.9	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2
2500	4.5	8.8	8.8	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.1
2400	5.1	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.2
2200	6.2	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.5
2000	9.8	21.9	22.1	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.8
1800	11.7	29.2	29.9	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6
1600	13.8	40.6	41.6	43.1	43.2	43.2	43.4	43.4	43.5	43.7	43.7	43.7	43.8	43.8	43.8	43.9
1400	14.1	52.5	54.5	57.5	58.0	58.1	58.4	58.5	58.6	58.8	58.8	58.8	59.0	59.0	59.0	59.1
1200	14.1	56.0	58.7	61.7	62.6	62.7	63.0	63.2	63.3	63.5	63.5	63.5	63.7	63.7	63.7	63.9
1000	14.6	62.6	66.9	72.7	74.3	74.5	75.5	76.0	76.1	76.9	76.9	76.9	77.1	77.1	77.1	77.2
900	14.6	64.9	69.8	77.9	79.9	80.4	81.7	82.4	82.5	83.4	83.4	83.4	83.6	83.6	83.6	83.7
800	14.6	66.4	72.1	81.0	83.7	84.8	86.6	87.9	88.1	89.2	89.3	89.5	89.7	89.7	89.7	89.8
700	14.6	66.6	72.2	81.4	84.2	85.4	87.2	88.4	88.7	90.0	90.2	90.3	90.6	90.6	90.6	90.7
600	14.6	66.8	72.5	82.0	85.3	86.6	89.2	90.7	91.0	92.4	92.6	92.7	93.2	93.2	93.2	93.3
500	14.6	66.8	72.5	82.2	85.6	87.0	90.0	91.9	92.3	93.8	94.1	94.2	94.6	94.6	94.7	94.8
400	14.6	67.1	73.2	83.2	86.8	88.1	91.1	93.0	93.4	95.2	95.4	95.5	96.0	96.0	96.1	96.2
300	14.6	67.5	73.5	83.8	87.4	88.8	92.0	94.2	94.5	96.6	97.0	97.1	97.9	97.9	98.0	98.1
200	14.6	67.5	73.5	83.8	87.4	88.8	92.4	94.5	94.8	97.1	97.5	97.6	98.8	98.8	99.1	99.3
100	14.6	67.5	73.5	83.8	87.4	88.8	92.4	94.6	94.9	97.3	97.8	98.0	99.1	99.1	99.7	100.0
50	14.6	67.5	73.5	83.8	87.4	88.8	92.4	94.6	94.9	97.3	97.8	98.0	99.1	99.1	99.7	100.0
0	14.6	67.5	73.5	83.8	87.4	88.8	92.4	94.6	94.9	97.3	97.8	98.0	99.1	99.1	99.7	100.0
	14.6	67.5	73.5	83.8	87.4	88.8	92.4	94.6	94.9	97.3	97.8	98.0	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 891

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

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	
	8.0	8.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	
	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	
	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	
	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	
	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	
	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	
.2	15.4	15.4	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	
.2	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	
.5	29.7	29.9	30.1	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	
.9	41.1	41.7	42.6	42.8	42.9	43.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	
.8	54.1	55.5	57.5	58.3	58.4	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
.3	56.6	58.6	61.0	61.8	61.9	62.3	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
.3	63.6	67.2	72.1	74.0	74.1	74.7	75.4	75.4	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
.8	66.2	71.7	76.9	79.7	80.0	81.0	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
.8	67.7	73.4	81.5	85.6	86.1	87.6	88.5	88.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	
.9	67.8	73.6	81.9	86.1	86.7	88.4	89.7	89.7	91.0	91.0	91.0	91.1	91.1	91.1	91.1	
.8	68.2	74.8	83.4	88.0	88.6	90.6	92.0	92.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	
.3	68.6	75.1	84.1	88.8	89.4	91.6	93.3	93.3	94.9	94.9	94.9	95.0	95.0	95.0	95.0	
.8	69.2	75.7	84.6	89.5	90.2	92.5	94.4	94.4	96.0	96.0	96.0	96.2	96.2	96.2	96.2	
.8	69.9	76.2	85.1	90.2	91.0	93.6	95.6	95.6	97.9	98.0	98.0	98.1	98.1	98.1	98.1	
.8	69.5	76.2	85.1	90.7	91.5	94.2	96.3	96.3	98.8	98.9	98.9	99.1	99.1	99.1	99.1	
.8	69.5	76.2	85.1	90.7	91.5	94.4	96.5	96.5	99.0	99.1	99.3	99.5	99.5	99.5	99.5	
.8	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.5	99.8	99.8	99.8	99.8	
.9	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.5	99.9	99.9	99.9	99.9	
.8	69.5	76.2	85.1	90.7	91.5	94.4	96.7	96.7	99.2	99.3	99.5	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 885

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 4540 ADAK NAS AK 73-82 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

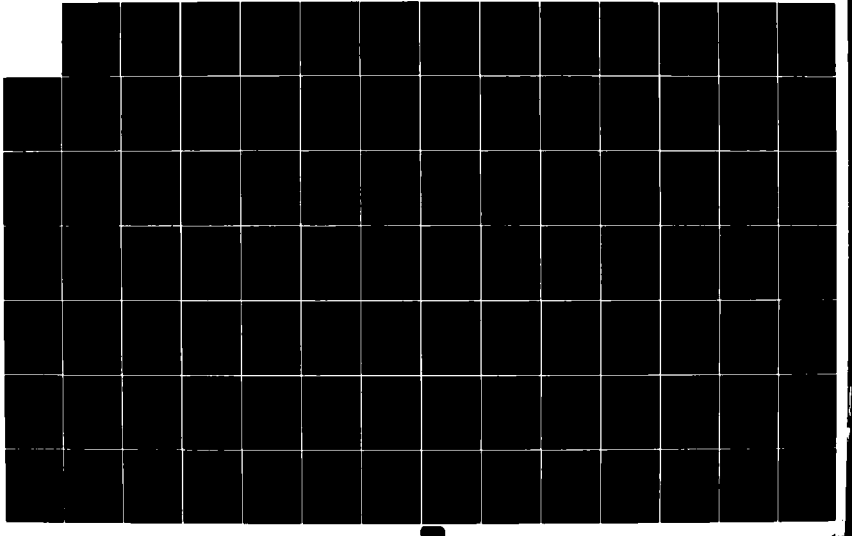
1.0	5.5	5.6	5.6	5.6	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	
1.0	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	
1.0	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	
1.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	
1.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	
1.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	
1.8	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
1.8	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	
2.0	7.7	7.8	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	
2.5	8.8	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	
2.6	9.4	9.5	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	
2.8	10.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	
3.3	11.4	11.5	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	
4.0	13.6	13.7	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
6.2	21.2	21.5	21.8	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	
7.5	29.0	29.9	30.1	30.2	30.2	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	
8.8	40.8	42.1	43.2	43.5	43.6	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
9.5	54.3	56.7	59.1	59.9	60.1	60.4	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.8	
9.7	57.6	60.4	63.1	64.1	64.3	64.7	64.8	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.2	
10.0	65.4	70.2	74.9	77.0	77.3	78.1	78.4	78.4	78.8	78.9	78.9	79.0	79.0	79.0	79.0	
10.0	67.8	73.8	79.7	82.4	83.0	84.1	84.4	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.3	
10.1	69.5	76.2	83.3	87.0	87.7	89.4	90.1	90.2	91.2	91.4	91.4	91.5	91.5	91.5	91.5	
10.1	69.8	76.6	84.0	87.8	88.7	90.5	91.3	91.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9	
10.1	70.3	77.3	85.1	89.3	90.3	92.4	93.3	93.4	94.9	95.0	95.1	95.2	95.2	95.2	95.3	
10.1	70.4	77.5	85.5	89.9	90.9	93.3	94.5	94.6	96.1	96.3	96.3	96.5	96.5	96.5	96.5	
10.1	70.5	77.7	85.9	90.5	91.6	94.2	95.5	95.5	97.3	97.5	97.5	97.7	97.7	97.7	97.7	
10.1	70.7	78.0	86.2	91.0	92.1	94.9	96.3	96.4	98.4	98.7	98.7	99.0	99.0	99.0	99.1	
10.1	70.8	78.0	86.2	91.2	92.2	95.1	96.5	96.6	98.7	99.0	99.0	99.4	99.4	99.5	99.5	
10.1	70.8	78.0	86.2	91.2	92.3	95.2	96.6	96.7	98.8	99.1	99.2	99.6	99.7	99.7	99.8	
10.1	70.8	78.0	86.3	91.2	92.3	95.2	96.6	96.7	98.9	99.2	99.3	99.7	99.8	99.8	99.9	
10.1	70.8	78.0	86.3	91.2	92.3	95.2	96.6	96.7	98.9	99.2	99.3	99.8	99.8	99.9	100.0	
10.1	70.8	78.0	86.3	91.2	92.3	95.2	96.6	96.7	98.9	99.2	99.3	99.8	99.8	99.9	100.0	

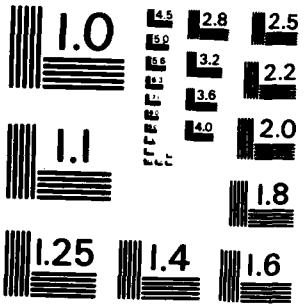
TOTAL NUMBER OF OBSERVATIONS 7101

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

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83

UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	25	20	24	22	22	20	18	16	14	12	10	9	8	7	6	5
	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
	14.6	14.7	14.8	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
.1	22.3	22.9	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
.2	33.6	34.7	35.6	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
.5	49.0	51.8	53.7	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
.5	51.8	55.0	57.5	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
.5	63.5	68.5	72.0	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
.5	68.3	75.2	80.3	83.0	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
.5	72.0	80.1	86.1	89.3	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
.5	72.7	80.8	86.9	90.5	91.1	91.4	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
.5	73.8	82.0	88.2	92.0	92.6	93.1	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
.5	75.1	83.5	90.1	94.1	94.8	95.4	95.6	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.5	75.2	84.2	90.7	95.0	95.7	96.4	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.5	75.5	84.6	91.2	96.0	96.6	97.6	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.5	75.5	84.6	91.4	96.3	97.0	97.9	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.5	75.5	84.6	91.4	96.3	97.1	98.4	98.5	98.5	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
.5	75.5	84.6	91.4	96.4	97.3	98.7	98.9	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
.5	75.5	84.6	91.4	96.4	97.3	98.7	98.9	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0
.5	75.5	84.6	91.4	96.4	97.3	98.7	98.9	98.9	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
	.3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
	.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
	.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
	.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
9000	.4	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
7000	.8	4.8	4.8	4.8	.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
6000	.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
5000	.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
4500	1.3	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
4000	1.4	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
3500	1.7	13.3	13.4	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
3000	2.3	20.3	20.5	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.9	20.9	20.9	20.9
2500	3.2	31.7	32.2	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0	33.0
2000	3.6	46.8	49.8	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8
1800	3.7	51.5	55.2	57.3	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8
1500	3.9	63.2	69.2	72.7	74.5	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
1200	3.9	68.3	76.3	80.8	83.1	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2
1000	3.9	70.3	79.8	85.1	87.8	88.1	88.8	89.1	89.1	89.2	89.2	89.2	89.3	89.3	89.3	89.3
900	3.9	71.3	81.0	86.3	89.2	89.5	90.3	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8
800	3.9	72.3	82.0	87.6	90.6	90.9	91.7	92.1	92.1	92.3	92.3	92.3	92.4	92.4	92.4	92.4
700	3.9	73.6	84.1	90.1	93.2	93.6	94.4	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
600	3.9	73.7	84.7	90.8	94.0	94.3	95.2	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1
500	3.9	74.2	85.5	91.8	95.3	95.6	96.5	97.3	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.6
400	3.9	74.3	85.6	91.9	95.6	96.0	97.3	98.1	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5
300	3.9	74.4	85.7	92.0	95.7	96.2	97.7	98.7	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2
200	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5
	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.2	99.2	99.2	99.6	99.6	99.7	99.8
	3.9	74.5	85.8	92.1	95.9	96.3	97.9	98.9	99.0	99.2	99.2	99.3	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	.5	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
≥ 22000	.7	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
≥ 18000	1.1	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 17000	1.1	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 14000	1.2	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000	1.3	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 10000	1.3	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 9000	1.3	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 8000	1.6	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 7000	2.3	6.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
≥ 6000	2.3	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
≥ 5000	3.1	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
≥ 4500	3.5	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
≥ 4000	4.6	11.7	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.2
≥ 3500	6.8	16.0	16.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6
≥ 3000	8.3	22.0	22.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9	22.9	22.9
≥ 2500	10.3	33.0	34.2	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0
≥ 2000	12.3	47.4	49.6	51.4	52.1	52.1	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5
≥ 1800	12.4	51.9	55.3	58.1	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3
≥ 1500	13.1	63.0	69.0	73.1	74.6	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1
≥ 1200	13.4	67.8	75.2	80.0	82.5	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
≥ 1000	13.7	70.6	78.9	84.2	87.4	88.3	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3
≥ 900	13.7	71.4	79.7	85.5	88.7	89.6	90.3	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8
≥ 800	13.7	72.3	81.1	87.2	90.8	91.9	92.6	92.9	92.9	93.3	93.0	93.0	93.1	93.1	93.1	93.1	93.1
≥ 700	13.7	73.2	82.3	89.4	93.3	94.5	95.2	95.5	95.5	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 600	13.7	73.3	82.6	90.0	94.1	95.4	96.2	96.5	96.5	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8
≥ 500	13.7	73.4	83.2	90.8	95.1	96.5	97.5	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2
≥ 400	13.7	73.4	83.2	90.8	95.1	96.6	97.8	98.2	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 300	13.7	73.4	83.2	90.8	95.1	96.6	98.0	98.6	98.9	99.2	99.3	99.3	99.5	99.5	99.5	99.5	99.5
≥ 200	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	
≥ 100	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	100.0	100.0	
0	13.7	73.4	83.2	90.9	95.3	96.8	98.2	98.8	99.1	99.6	99.7	99.7	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY STATUTE MILES

CEILING FEET	3 OR MORE	2½	2	1¾	1½	1¼	1	¾	½	⅜	¼	⅛	0	25 OR MORE	7 OR MORE	20 OR MORE
22000 OR MORE	.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
20000	.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
18000	.9	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1
16000	1.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
14000	1.0	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
12000	1.0	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
10000	1.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
9000	1.1	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
8000	1.2	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
7000	1.5	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
6000	1.5	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
5000	1.6	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
4500	2.1	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
4000	2.5	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
3500	4.3	13.6	13.6	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
3000	7.9	20.7	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
2500	10.3	34.5	35.2	35.5	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
2000	13.3	49.3	51.9	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
1800	14.4	54.7	58.0	60.0	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
1600	16.0	67.6	72.6	76.0	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
1400	16.4	73.5	78.7	82.4	84.1	84.9	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
1200	16.6	76.6	82.4	87.1	89.2	90.1	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1000	16.8	77.7	84.0	89.0	91.5	92.5	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
900	16.8	78.2	84.9	90.6	93.4	94.8	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	16.8	78.7	85.8	91.7	94.8	96.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
700	16.8	78.7	85.8	91.9	95.0	96.3	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
600	16.8	78.7	86.0	92.5	95.7	97.1	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
500	16.8	78.8	86.1	92.6	95.9	97.3	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
400	16.8	78.8	86.1	92.6	95.9	97.3	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.5	99.5	99.5
300	16.8	78.8	86.1	92.6	96.0	97.4	98.8	99.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
200	16.8	78.8	86.1	92.6	96.0	97.4	98.8	99.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0
100 OR LESS	16.8	78.8	86.1	92.6	96.0	97.4	98.8	99.5	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

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 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	20+	20	15	14	13	12	11	10	9	8	7	6	5	4	3	2
NO CEILING	1.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
≥ 20000	1.3	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
≥ 18000	1.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 16000	1.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 14000	1.6	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
≥ 12000	1.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 11000	1.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 10000	1.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 9000	2.4	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 8000	2.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 7000	2.9	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 6000	3.1	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 5000	3.7	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 4500	4.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 4000	7.0	16.9	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
≥ 3500	9.7	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
≥ 3000	13.2	36.4	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
≥ 2500	17.9	51.4	53.7	54.7	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 2000	18.6	56.4	59.1	61.0	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 1800	19.6	67.4	72.3	75.8	76.7	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 1600	19.6	72.1	78.6	82.8	83.9	84.5	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1400	20.0	76.8	84.1	88.8	90.4	91.7	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	20.0	77.2	85.1	89.7	91.9	93.3	94.2	94.4	94.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7
≥ 1000	20.0	78.4	86.8	91.7	94.1	95.5	96.5	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
≥ 900	20.0	78.6	87.1	92.4	95.0	96.4	97.5	98.0	98.1	98.1	98.3	98.4	98.5	98.5	98.5	98.5
≥ 800	20.0	78.6	87.2	92.7	95.3	96.7	97.8	98.4	98.6	98.6	98.7	98.8	98.9	98.9	98.9	98.9
≥ 700	20.0	78.8	87.2	92.8	95.4	96.8	98.0	98.6	98.8	99.0	99.1	99.2	99.5	99.5	99.5	99.5
≥ 600	20.0	78.6	87.2	92.8	95.4	96.8	98.0	98.6	98.8	99.0	99.1	99.2	99.5	99.5	99.5	99.5
≥ 500	20.0	78.8	87.2	92.8	95.4	96.8	98.0	98.7	98.9	99.1	99.2	99.3	99.6	99.6	99.6	99.6
≥ 400	20.0	78.6	87.2	92.9	95.6	97.1	98.4	99.0	99.2	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 300	20.0	78.8	87.2	92.9	95.6	97.1	98.4	99.0	99.2	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 200	20.0	78.6	87.2	92.9	95.6	97.1	98.4	99.0	99.2	99.5	99.7	99.8	100.0	100.0	100.0	100.0
≥ 100	20.0	78.6	87.2	92.9	95.6	97.1	98.4	99.0	99.2	99.5	99.7	99.8	100.0	100.0	100.0	100.0
0	20.0	78.6	87.2	92.9	95.6	97.1	98.4	99.0	99.2	99.5	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 MAY

STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
≥ 12000	1.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
≥ 10000	1.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
≥ 8000	1.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 7000	1.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 6000	1.7	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 5000	1.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
≥ 4500	1.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
≥ 4000	1.7	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 3500	1.7	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
≥ 3000	2.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥ 2500	2.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
≥ 2200	3.0	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 2000	3.2	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
≥ 1800	4.3	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
≥ 1500	6.2	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
≥ 1000	10.5	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 2500	13.8	38.6	39.7	39.9	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
≥ 2000	17.3	52.7	55.5	56.5	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 1800	18.4	58.1	61.3	62.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
≥ 1500	19.2	69.1	74.0	76.7	78.3	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 1200	19.3	72.9	78.6	82.0	83.8	84.6	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1000	19.7	76.3	83.0	86.8	89.6	90.4	91.5	91.7	91.7	91.8	91.9	91.9	91.9	91.9
≥ 900	20.0	77.7	84.7	89.1	92.0	92.9	94.2	94.5	94.5	94.6	94.8	94.8	94.8	94.8
≥ 800	20.0	78.4	85.9	90.6	93.8	94.8	96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7
≥ 700	20.0	78.4	86.3	91.3	94.5	95.5	97.2	97.6	97.6	97.8	97.9	97.9	97.9	97.9
≥ 600	20.0	78.5	86.6	91.5	94.9	96.0	97.9	98.5	98.5	98.7	98.9	98.9	98.9	98.9
≥ 500	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8
≥ 400	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8
≥ 300	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8
≥ 200	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.2	99.2	99.6	99.8	99.8	99.8	99.8
≥ 100	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.5	99.5	99.8	100.0	100.0	100.0	100.0
≥ 0	20.0	78.6	86.7	91.8	95.4	96.5	98.7	99.5	99.5	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 915

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 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING (FEET)	VISIBILITY STATUTE MILES															
	2 1/2	2	1 3/4	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	7/16	3/8	5/16	1/4	3/16	0
1,500	1.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
1,200	1.7	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
1,000	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
900	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
800	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
700	2.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
600	2.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
500	2.1	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
400	2.4	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
300	3.2	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
250	3.2	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
200	3.5	7.5	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
150	3.9	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
100	4.5	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
50	5.9	16.4	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
0	10.2	26.1	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
MISSING	14.4	37.8	39.0	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
	16.9	51.0	53.2	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
	17.3	56.8	59.4	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	18.4	69.4	73.7	76.5	77.5	77.6	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9
	18.6	73.2	79.2	83.0	84.4	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
	18.7	75.7	82.4	87.5	89.3	89.8	90.2	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8
	18.7	76.2	83.1	88.4	90.4	91.0	91.6	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
	18.7	77.5	84.7	90.1	92.7	93.6	94.5	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1
	18.7	77.9	85.4	91.6	94.5	95.3	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
	18.7	77.9	85.4	91.6	94.5	95.4	96.8	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
	18.7	77.9	85.4	91.8	94.8	95.8	97.2	97.8	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.5
	18.7	77.9	85.4	92.1	95.0	96.0	97.5	98.3	98.3	98.7	98.9	98.9	98.9	98.9	98.9	98.9
	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.1	99.3	99.3	99.3	99.3	99.3	99.3
	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0
	18.7	77.9	85.4	92.1	95.1	96.1	97.7	98.6	98.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK | 73-82 | MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS | 2100-2300

CEILING (FEET)	VISIBILITY STATUTE MILES															
	10	9	8	7	6	5	4	3	2½	2	1½	1	¾	½	¼	0
12000+	.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
10000	.9	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
8000	.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
7000	.8	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
6000	.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
5000	.9	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
4500	.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
4000	.9	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
3500	1.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
3000	1.2	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
2500	1.2	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
2200	1.2	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
2000	1.3	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
1800	1.3	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
1500	1.7	14.4	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
1200	3.0	22.5	22.7	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
1000	5.0	33.9	35.3	35.8	35.8	35.8	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
900	6.0	48.3	51.1	52.4	52.8	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
800	6.1	52.3	55.6	57.1	57.7	57.7	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
700	6.5	64.0	68.9	72.7	74.2	74.5	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
600	6.5	68.2	74.1	78.8	81.0	81.4	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
500	6.5	71.4	78.2	83.7	86.3	86.7	88.1	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
400	6.5	72.1	79.4	85.0	87.9	88.4	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
300	6.5	73.4	81.3	87.1	90.3	91.1	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
200	6.5	74.0	82.5	89.0	92.5	93.5	95.4	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5
150	6.5	74.3	82.8	89.4	92.9	93.7	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
100	6.5	74.3	82.8	89.6	93.3	94.1	96.4	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
50	6.5	74.4	83.1	89.9	93.8	94.7	97.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8
0	6.5	74.4	83.1	89.9	93.8	94.7	97.0	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0
	6.5	74.4	83.1	89.9	94.0	94.9	97.4	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6
	6.5	74.6	83.1	89.9	94.0	94.9	97.4	99.1	99.1	99.5	99.5	99.5	99.9	99.9	100.0	100.0
	6.5	74.4	83.1	89.9	94.0	94.9	97.4	99.1	99.1	99.5	99.5	99.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥¾	≥½	≥¼	0
UNLIMITED	.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
≥ 22000	.9	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.6
≥ 20000	1.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 18000	1.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
≥ 17000	1.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
≥ 16000	1.1	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
≥ 15000	1.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000	1.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 13000	1.3	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 12000	1.8	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
≥ 11000	1.8	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
≥ 10000	2.0	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
≥ 9000	2.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
≥ 8000	2.8	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
≥ 7000	4.2	15.3	15.5	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
≥ 6000	6.5	23.3	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
≥ 5000	8.8	34.9	35.9	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.6	36.6
≥ 4500	11.0	49.5	52.1	53.4	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 4000	11.4	54.2	57.4	59.3	59.8	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0
≥ 3500	12.2	65.9	71.0	74.4	75.8	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4
≥ 3000	12.3	70.5	77.0	81.3	83.2	83.7	84.2	84.4	84.4	84.4	84.4	84.5	84.5
≥ 2500	12.4	73.7	81.1	86.2	88.7	89.4	90.1	90.4	90.4	90.5	90.5	90.6	90.6
≥ 2000	12.5	74.5	82.2	87.5	90.3	91.0	91.9	92.2	92.2	92.3	92.4	92.4	92.4
≥ 1800	12.5	75.5	83.6	89.1	92.2	93.1	94.1	94.6	94.6	94.7	94.7	94.7	94.7
≥ 1600	12.5	76.2	84.6	90.7	94.0	94.9	96.1	96.5	96.6	96.7	96.7	96.8	96.8
≥ 1400	12.5	76.3	84.9	91.1	94.5	95.4	96.7	97.2	97.3	97.4	97.5	97.5	97.5
≥ 1200	12.5	76.4	85.2	91.5	95.1	96.1	97.5	98.1	98.1	98.4	98.5	98.6	98.6
≥ 1000	12.5	76.4	85.3	91.7	95.3	96.3	97.8	98.5	98.6	98.8	98.9	99.0	99.0
≥ 900	12.5	76.5	85.3	91.7	95.3	96.4	98.0	98.7	98.8	99.2	99.3	99.4	99.4
≥ 800	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.5	99.6	99.8	99.8
≥ 700	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.6	99.7	99.9	100.0
≥ 600	12.5	76.5	85.3	91.7	95.5	96.5	98.2	99.0	99.1	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7339

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
OBSERVATION HOUR(S)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥5/16	≥¼	<¼
NO CEILING		3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 20000		3.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
≥ 18000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 16000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 14000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 12000		4.4	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
≥ 10000		4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 9000		4.7	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 8000	.1	6.2	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
≥ 7000	.1	7.2	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 6000	.1	7.2	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
≥ 5000	.1	7.3	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 4500	.1	7.7	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
≥ 4000	.1	8.5	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
≥ 3500	.1	10.2	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
≥ 3000	.1	13.8	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
≥ 2500	.1	17.8	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
≥ 2000	.1	26.9	27.8	28.1	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 1800	.1	31.2	32.6	32.9	33.4	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 1500	.2	43.3	48.5	49.7	50.2	50.3	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
≥ 1200	.2	53.5	60.5	63.0	64.2	64.3	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 1000	.4	58.7	67.3	71.3	73.1	73.2	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 900	.4	60.5	69.2	74.5	76.6	76.8	77.8	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 800	.4	61.8	71.3	76.9	79.5	79.7	80.9	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 700	.4	62.5	72.5	78.7	81.5	81.9	83.1	83.4	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 600	.4	64.7	74.9	81.7	84.9	85.2	86.7	87.0	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 500	.4	66.4	77.5	85.7	89.4	89.7	91.5	91.8	92.0	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 400	.4	66.7	77.9	86.9	91.0	91.5	93.6	94.4	94.6	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	.4	67.1	78.3	87.6	91.9	92.4	95.2	96.0	96.2	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	.4	67.1	78.3	87.6	92.2	92.6	95.7	97.0	97.2	98.4	98.9	98.9	99.0	99.0	99.3	99.3
≥ 100	.4	67.1	78.3	87.6	92.2	92.6	95.7	97.0	97.2	98.7	99.1	99.1	99.4	99.6	100.0	100.0
≥ 0	.4	67.1	78.3	87.6	92.2	92.6	95.7	97.0	97.2	98.7	99.1	99.1	99.4	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0300-0500

USE TO TABULATE WIND

	1.2	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
	1.2	1.7	1.9	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	1.2	1.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
	1.2	1.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
	1.2	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
	1.4	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
	1.9	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
	2.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
	2.3	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	2.3	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
	2.4	7.2	7.3	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
	2.6	9.0	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
	3.3	12.6	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
	3.9	17.0	17.4	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
	4.8	27.0	27.8	28.0	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
	5.2	31.7	32.6	33.0	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
	5.6	43.7	47.7	49.3	49.8	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
	5.7	54.5	59.8	62.8	63.8	63.9	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6
	5.8	60.3	67.3	72.3	74.2	74.6	75.1	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	5.9	62.4	69.8	75.3	77.3	77.6	78.2	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5
	5.8	64.4	72.9	79.1	81.4	82.0	82.7	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	5.8	65.7	74.3	81.0	83.7	84.3	85.2	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0
	5.8	66.9	75.8	83.3	86.4	87.2	88.3	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	5.8	67.3	78.0	86.2	90.4	91.4	92.7	93.4	93.4	94.0	94.1	94.1	94.1	94.1	94.1	94.1
	5.8	67.8	78.5	87.2	91.5	92.5	94.0	94.8	94.8	95.3	95.5	95.5	95.5	95.5	95.5	95.5
	5.8	68.1	79.1	87.9	92.2	93.2	95.1	96.3	96.4	97.2	97.5	97.5	97.8	97.8	97.8	97.8
	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.1	98.5	98.5	99.0	99.0	99.1	99.1
	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.2	98.6	98.6	99.4	99.4	99.8	100.0
	5.8	68.1	79.2	88.0	92.4	93.4	95.7	96.9	97.0	98.2	98.8	98.8	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4590 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

	1.1	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	
	1.1	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	
	1.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	1.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	
	1.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
	1.5	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	
	1.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	
	1.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	
	1.7	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
	2.5	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	
	2.6	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	
	3.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
	3.4	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	
	3.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	
	4.4	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
	5.8	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
	7.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	
	10.4	29.9	30.7	31.0	31.0	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	
	10.9	34.0	35.0	35.8	36.0	36.1	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	
	12.3	47.9	50.0	52.7	53.7	53.8	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
	12.8	54.7	58.8	62.8	64.2	64.3	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
	13.1	62.1	67.5	73.1	75.6	76.2	76.6	76.6	76.7	77.0	77.0	77.0	77.1	77.1	77.1	77.1	
	13.1	63.7	70.0	76.4	79.2	79.9	80.6	80.6	80.7	80.9	80.9	80.9	81.0	81.0	61.0	81.0	
	13.2	65.6	72.5	79.5	82.8	83.5	84.2	84.2	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	
	13.2	67.7	75.4	83.0	86.3	87.1	87.8	87.8	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.5	
	13.3	68.2	76.3	84.4	88.3	89.2	90.2	90.3	90.4	90.9	91.0	91.0	91.1	91.1	91.1	91.1	
	13.3	68.6	77.5	86.5	90.9	91.9	93.2	93.7	93.8	94.2	94.4	94.4	94.6	94.6	94.6	94.6	
	13.3	69.1	78.2	87.6	92.4	93.5	95.0	95.7	95.8	96.4	96.5	96.5	96.7	96.7	96.7	96.7	
	13.3	69.1	78.2	87.8	92.8	94.0	96.2	97.1	97.2	98.3	98.5	98.5	98.8	98.8	98.8	98.8	
	13.3	69.2	78.3	87.9	93.0	94.2	96.5	97.6	97.7	98.9	99.1	99.1	99.3	99.3	99.4	99.4	
	13.3	69.2	78.3	87.9	93.0	94.2	96.5	97.6	97.7	99.0	99.3	99.3	99.8	99.8	99.9	100.0	
	13.3	69.2	78.3	87.9	93.0	94.2	96.5	97.6	97.7	99.0	99.3	99.3	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 886

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

2.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3
2.8	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
2.3	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2.3	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2.3	4.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2.4	4.1	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.5	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.5	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.6	4.8	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
3.3	5.8	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
3.4	6.0	6.1	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2	6.2
3.9	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
4.0	7.0	7.1	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
4.1	7.3	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
4.4	8.3	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
6.2	11.6	11.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
8.6	19.0	19.3	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
14.6	32.1	32.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
15.8	39.0	40.4	41.0	41.3	41.3	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
16.9	55.8	59.1	61.2	62.0	62.0	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
17.1	62.9	67.5	70.9	71.9	72.2	72.7	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
17.8	69.0	74.9	80.4	82.4	83.0	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
18.0	70.7	77.2	83.0	85.1	85.8	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
18.4	72.7	79.7	86.1	88.7	89.5	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
18.5	74.1	81.9	88.9	91.6	92.4	93.0	93.1	93.1	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
18.6	74.9	82.9	90.6	93.7	94.6	95.2	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
18.6	75.2	83.6	91.8	94.7	95.7	96.7	97.2	97.2	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
18.6	75.2	83.6	92.0	95.1	96.4	97.6	98.1	98.1	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
18.8	75.3	83.7	92.1	95.4	96.6	98.0	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
18.8	75.3	83.7	92.1	95.4	96.6	98.1	98.6	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
18.8	75.3	83.7	92.1	95.4	96.6	98.1	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
18.8	75.3	83.7	92.1	95.4	96.6	98.1	98.6	98.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)																
	2.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4
	2.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	3.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
	3.8	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9
	3.8	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	4.0	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
	5.1	9.1	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
	5.3	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
	5.3	10.0	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
	5.4	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
	5.5	11.3	11.5	11.6	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
	7.1	13.5	13.8	13.9	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
	9.6	17.9	18.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	12.3	27.2	27.5	27.8	27.9	27.9	27.9	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
	17.7	41.0	41.8	42.2	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
	18.4	47.0	48.2	49.0	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
	20.9	67.9	71.4	73.1	73.9	73.9	74.0	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
	21.3	74.9	79.5	81.9	83.0	83.1	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	21.7	79.7	85.3	88.6	90.4	90.9	91.4	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	21.7	80.2	86.1	89.6	91.6	92.1	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	21.7	80.8	87.0	90.9	92.9	93.3	94.0	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
	21.8	81.4	87.9	92.4	94.9	95.4	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	21.8	81.5	88.1	92.9	95.5	95.9	96.6	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	21.8	81.8	88.4	93.3	96.3	97.1	97.9	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	21.8	82.1	88.6	93.6	96.5	97.3	98.3	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	21.8	82.1	88.6	93.6	96.5	97.4	98.4	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	21.8	82.1	88.6	93.7	96.6	97.5	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

2.9	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
3.2	5.2	5.2	5.2	5.2	5.2	5	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
4.2	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
4.3	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
4.9	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
5.8	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
6.0	10.8	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
6.2	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
6.7	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
7.0	13.7	13.7	13.7	13.8	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
7.8	15.7	15.7	15.7	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
10.2	19.5	19.8	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
14.3	27.9	28.1	28.2	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
19.5	43.5	44.6	45.0	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
20.9	50.4	51.6	52.2	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
22.1	66.8	70.1	71.6	72.3	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
22.1	74.1	78.7	80.0	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
22.1	78.4	84.3	88.1	89.6	89.8	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
22.1	79.2	85.5	89.7	91.6	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
22.3	80.7	87.3	92.1	94.0	94.2	94.6	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
22.3	80.8	87.4	92.1	94.7	95.0	95.5	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
22.3	81.1	88.5	93.7	95.8	96.2	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
22.3	81.5	89.1	94.7	97.2	97.6	98.1	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
22.3	81.5	89.0	94.8	97.4	97.9	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
22.3	81.5	89.0	94.8	97.4	97.9	98.5	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
22.3	81.5	89.2	94.9	97.5	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
22.3	81.5	89.2	94.9	97.5	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
22.3	81.5	89.2	94.9	97.5	98.0	98.8	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥0	≥0	≥1	≥2	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10	≥11	≥12	≥13	≥14	≥15
NO CEILING	3.4	5.7	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 20000	3.8	5.7	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
≥ 18000	4.4	7.1	7.2	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
≥ 16000	4.6	7.4	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 14000	4.6	7.4	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
≥ 12000	4.7	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
≥ 10000	4.9	8.2	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
≥ 9000	5.0	8.5	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 8000	5.0	8.7	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
≥ 7000	5.9	10.5	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
≥ 6000	6.0	10.7	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
≥ 5000	6.4	11.4	11.6	11.6	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
≥ 4500	6.5	11.9	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
≥ 4000	7.4	13.5	13.8	13.8	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
≥ 3500	8.0	14.9	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
≥ 3000	9.7	19.1	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
≥ 2500	11.4	25.1	25.8	25.9	26.0	26.0	26.0	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
≥ 2000	14.8	39.2	40.9	41.2	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
≥ 1800	16.6	45.7	47.8	48.8	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 1500	17.4	62.7	67.3	69.5	69.9	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1200	17.6	68.8	74.4	77.6	78.3	78.3	78.4	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 1000	17.8	73.6	79.8	84.7	86.4	86.5	87.0	87.0	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 900	17.8	74.5	80.8	86.2	88.0	88.1	88.5	88.6	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
≥ 800	17.8	75.7	82.3	88.3	90.1	90.3	91.0	91.1	91.2	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 700	17.8	76.4	83.5	89.6	91.8	92.1	93.1	93.2	93.3	93.5	93.6	93.8	93.8	93.8	93.8	93.8	93.8
≥ 600	17.8	76.8	83.9	90.3	92.5	92.9	94.2	94.4	94.5	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
≥ 500	17.8	76.8	84.3	90.9	93.3	93.9	95.7	96.0	96.1	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9
≥ 400	17.8	77.0	84.6	91.5	94.1	94.6	96.9	97.5	97.8	98.1	98.3	98.4	98.8	98.8	98.8	98.8	98.8
≥ 300	17.8	77.0	84.6	91.5	94.2	94.9	97.2	97.9	98.2	98.7	98.9	99.0	99.3	99.3	99.3	99.4	
≥ 200	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.9	100.0	
≥ 100	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.9	100.0	
0	17.8	77.0	84.6	91.5	94.2	94.9	97.2	98.0	98.3	98.8	99.2	99.3	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 897

L HAL CLIMATOLOGY BRANCH
JTAFETAC
A.S WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

1.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
1.9	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
2.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
2.0	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.4	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
2.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
2.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
3.5	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
3.5	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
3.5	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
3.9	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
4.3	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
4.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9
4.9	15.5	15.5	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	15.6
5.9	20.9	21.1	21.2	21.2	21.2	21.2	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
6.3	30.9	31.9	32.1	32.1	32.1	32.1	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
6.8	35.8	36.9	37.5	37.5	37.5	37.5	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
7.2	50.3	55.3	56.8	57.5	57.6	57.6	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
7.2	57.2	64.9	67.6	68.8	68.8	69.1	69.4	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
7.2	64.2	73.2	77.6	79.5	79.9	80.4	81.0	81.0	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8
7.2	65.9	74.9	79.5	81.4	81.8	82.4	83.1	83.1	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8
7.2	66.7	76.0	80.9	82.9	83.4	84.0	84.6	84.6	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6
7.2	68.0	78.1	83.7	86.0	86.4	87.0	87.7	87.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9
7.2	69.0	79.2	85.0	87.4	87.9	88.7	89.5	89.5	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7
7.2	69.8	80.0	86.4	90.0	90.7	91.5	92.5	92.5	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1
7.2	69.7	80.2	87.0	90.9	91.6	92.6	93.8	93.8	95.7	95.7	95.7	96.2	96.2	96.2	96.2	96.2
7.2	69.7	80.4	87.1	91.0	91.8	93.2	94.7	94.7	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.5
7.2	69.7	80.4	87.1	91.0	91.8	93.6	95.3	95.4	97.6	97.8	97.8	98.4	98.4	98.8	98.9	
7.2	69.7	80.4	87.1	91.0	91.8	93.7	95.5	95.7	98.3	98.5	98.5	99.3	99.3	99.7	99.8	
7.2	69.8	80.5	87.2	91.1	91.9	93.8	95.6	95.8	98.4	98.7	98.7	99.4	99.4	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY (STATUTE MILES)

CEILING (FEET)	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
≥ 22000	1.9	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
20000	1.9	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
≥ 18000	2.3	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
17000	2.3	4.7	4.9	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
≥ 16000	2.4	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
15000	2.4	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
≥ 14000	2.5	5.3	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
≥ 13000	2.6	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
≥ 12000	2.8	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
11000	3.5	7.7	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
≥ 10000	3.6	8.1	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
9000	3.8	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
≥ 8000	4.0	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
≥ 7000	4.3	10.2	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
≥ 6500	4.9	11.8	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1
≥ 6000	6.2	15.3	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7
≥ 5500	7.9	21.7	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3
≥ 5000	11.0	33.8	34.8	35.1	35.2	35.2	35.3	35.3	35.3	35.4	35.4	35.4	35.4
≥ 4500	11.7	39.3	40.6	41.3	41.5	41.5	41.6	41.6	41.6	41.7	41.7	41.7	41.7
≥ 4000	12.9	54.8	58.7	60.5	61.2	61.2	61.5	61.5	61.5	61.7	61.7	61.7	61.7
≥ 3500	13.0	62.6	67.9	70.8	71.9	72.0	72.4	72.5	72.5	72.6	72.6	72.6	72.6
≥ 3000	13.2	68.2	75.0	79.5	81.4	81.8	82.3	82.5	82.5	82.7	82.7	82.8	82.8
≥ 2500	13.3	69.8	76.7	81.8	83.9	84.3	84.8	85.0	85.1	85.3	85.3	85.4	85.4
≥ 2000	13.3	71.0	78.6	84.2	86.5	87.0	87.6	87.9	87.9	88.3	88.3	88.4	88.4
≥ 1800	13.4	72.1	80.2	86.3	88.8	89.3	90.1	90.4	90.4	90.9	90.9	91.0	91.0
≥ 1500	13.4	72.9	81.2	87.7	90.6	91.1	92.1	92.4	92.5	93.0	93.0	93.0	93.0
≥ 1200	13.4	73.4	82.3	89.4	92.7	93.5	94.6	95.2	95.2	95.8	95.9	95.9	96.0
1000	13.4	73.6	82.6	90.1	93.6	94.4	95.8	96.5	96.6	97.3	97.4	97.5	97.6
≥ 900	13.4	73.7	82.7	90.3	93.9	94.8	96.5	97.3	97.4	98.3	98.5	98.5	98.7
≥ 800	13.4	73.7	82.8	90.4	94.0	94.9	96.8	97.8	97.9	98.9	99.1	99.2	99.4
≥ 700	13.4	73.7	82.8	90.4	94.0	94.9	96.8	97.8	98.0	99.1	99.4	99.4	99.7
600	13.4	73.8	82.8	90.4	94.0	94.9	96.8	97.8	98.0	99.1	99.4	99.4	99.7

TOTAL NUMBER OF OBSERVATIONS 7101

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	≥															
≥	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9	4.9
4	5.1	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
3	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
2	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1 1/2	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1	5.8	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
1/2	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
0	6.5	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
≥	7.2	7.3	7.3	7.3	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5
4	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0
3	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0
2	7.7	7.8	7.8	7.8	7.9	7.9	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0
1 1/2	9.0	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3
1	9.9	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2
1/2	11.0	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3
0	13.9	14.0	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3
≥	17.8	18.1	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6
4	23.6	24.5	25.1	25.4	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6
3	26.2	27.6	28.2	29.0	29.1	29.1	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
2	37.5	40.4	41.8	43.1	43.3	43.4	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8
1 1/2	44.1	48.9	51.1	53.6	54.2	54.3	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1	51.2	57.1	61.0	64.3	65.0	65.4	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
1/2	51.2	58.5	62.9	66.2	67.3	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
0	52.9	61.2	66.2	70.4	71.6	72.2	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥	54.0	63.3	69.3	73.5	74.9	75.8	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
4	55.6	65.6	72.4	77.3	79.2	80.5	81.3	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
3	56.9	67.6	75.9	82.0	84.0	85.9	87.3	87.3	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3
2	57.3	68.5	77.7	84.8	87.0	89.4	91.0	91.0	92.0	92.3	92.3	92.5	92.5	92.6	92.6	
1 1/2	57.4	68.7	78.1	85.7	88.2	90.8	93.2	93.2	94.4	95.2	95.2	95.7	95.7	95.8	95.8	
1	57.5	68.9	78.5	86.5	89.0	92.3	94.7	94.7	96.9	97.3	97.3	98.4	98.4	98.5	98.5	
1/2	57.8	69.2	78.7	86.8	89.3	92.5	94.9	94.9	97.3	97.8	97.8	99.7	99.8	100.0	100.0	
0	57.8	69.2	78.7	86.8	89.3	92.5	94.9	94.9	97.3	97.8	97.8	99.7	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 921

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

STATUTE MILES

CEILING (HUNDREDS OF FEET)	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0
10+	1.7	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
7	1.7	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
5	1.8	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.5	4.5	4.5	4.5
4	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6
3	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6
2½	1.8	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.6	4.6	4.6
2	1.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7
1½	1.8	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7
1	1.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9
¾	2.3	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.2	6.2	6.2	6.2
½	2.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4	6.4	6.4	6.4
SCT	2.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.5	6.5	6.5
4	2.6	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3
3	2.9	8.0	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3	8.3	8.3
2½	3.0	9.0	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.3
2	3.4	11.3	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3
1½	3.9	15.5	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8
1	4.2	20.8	22.4	22.9	23.0	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3
BKN	4.5	24.5	26.6	27.4	27.5	27.6	27.6	27.6	27.6	27.7	27.7	27.7	27.7
¾	4.9	36.1	40.2	42.5	42.9	43.3	43.3	43.3	43.3	43.4	43.4	43.5	43.5
½	4.8	42.3	47.5	51.1	52.4	52.9	52.9	52.9	53.0	53.2	53.2	53.3	53.3
OVC	4.8	47.9	56.2	61.1	62.9	63.6	64.0	64.0	64.1	64.3	64.5	64.6	64.6
7	4.8	48.8	57.4	62.7	64.8	65.4	65.9	66.0	66.1	66.3	66.4	66.5	66.5
5	4.8	50.2	59.7	66.6	69.5	70.2	71.2	71.7	71.8	72.3	72.4	72.5	72.5
4	4.8	52.1	62.4	69.7	72.8	73.9	75.0	75.9	76.0	76.4	76.5	76.6	76.6
3	4.9	53.6	64.7	73.2	77.1	78.4	79.6	80.9	81.0	81.6	81.7	81.8	81.8
2½	4.8	54.8	66.7	76.3	81.8	83.6	85.5	87.2	87.3	88.6	88.7	88.8	88.8
2	4.8	54.9	67.2	77.4	83.7	85.9	88.4	90.4	90.5	92.0	92.1	92.3	92.3
1½	4.8	54.9	67.5	78.0	85.0	87.2	90.0	92.6	92.7	94.5	94.8	95.0	95.1
1	4.8	54.9	67.5	78.4	85.5	87.7	91.2	94.1	94.3	96.7	97.5	98.2	98.3
¾	4.8	54.9	67.5	78.4	85.5	87.7	91.3	94.2	94.5	96.8	97.9	98.8	99.0
½	4.8	55.0	67.6	78.5	85.7	87.8	91.4	94.3	94.6	97.0	98.0	98.9	99.1

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK | 73-82 | JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

VISIBILITY STATUTE MILES

2.3	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
2.4	3.4	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9
2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2.9	4.1	4.4	4.4	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
3.1	4.4	4.6	4.7	4.8	4.8	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0
3.3	4.6	4.8	4.9	5.0	5.0	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2
3.8	5.7	6.0	6.1	6.2	6.2	6.2	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4
4.2	6.9	7.3	7.4	7.5	7.5	7.5	7.6	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7
4.3	8.1	8.5	8.6	8.7	8.7	8.7	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9
5.0	8.4	8.8	8.9	9.0	9.0	9.0	9.2	9.2	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3
5.2	8.9	9.4	9.5	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9
5.3	9.6	10.1	10.2	10.5	10.5	10.5	10.6	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5.6	10.3	10.9	11.0	11.2	11.2	11.2	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4
6.5	13.2	14.2	14.3	14.5	14.5	14.6	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8
7.6	16.3	17.4	17.9	18.2	18.2	18.3	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5
9.5	22.4	24.3	25.7	26.0	26.0	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
9.5	26.9	29.2	31.5	31.9	31.9	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7
10.3	37.9	42.6	46.9	48.1	48.5	48.9	49.0	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
10.3	42.9	49.6	55.3	57.3	57.7	58.5	58.7	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
10.3	48.1	56.5	64.7	68.0	68.5	69.6	70.0	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
10.3	49.1	58.0	67.2	70.9	71.6	72.9	73.4	73.4	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1
10.8	51.6	61.5	71.8	76.1	76.8	78.9	79.5	79.5	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5
10.8	52.6	62.9	74.2	79.1	79.7	82.1	82.8	82.8	83.2	83.7	83.7	83.8	83.8	83.8	83.8	83.8
10.8	52.8	63.7	76.4	81.7	82.8	86.1	87.0	87.0	87.9	88.3	88.3	88.5	88.5	88.5	88.5	88.5
10.9	53.5	64.9	78.8	84.4	85.8	90.1	91.3	91.4	92.4	93.0	93.0	93.1	93.1	93.1	93.1	93.1
10.9	53.8	65.3	79.4	85.4	86.9	91.7	93.4	93.5	94.7	95.4	95.4	95.5	95.5	95.5	95.5	95.5
10.9	53.8	65.4	79.6	85.6	87.1	92.0	94.0	94.2	95.6	96.4	96.4	96.6	96.6	96.6	96.6	96.6
10.9	53.8	65.4	79.7	85.7	87.3	92.3	94.6	94.9	97.2	98.0	98.0	98.5	98.6	98.6	98.6	98.6
10.9	53.8	65.4	79.7	85.7	87.3	92.4	94.7	95.0	97.4	98.5	98.5	99.1	99.3	99.6	99.7	99.7
10.9	53.8	65.4	79.7	85.7	87.3	92.4	94.7	95.0	97.4	98.5	98.5	99.3	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	9	8	7	6	5	4	3	2½	2	1¼	1	¾	½	¼	0
22+	3.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
20	3.8	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
18	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
16	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
14	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
12	4.1	6.4	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
10	4.5	7.2	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
9	4.7	7.5	7.5	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
8	4.9	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
7	5.5	9.9	9.9	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
6	5.9	10.4	10.4	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5	6.0	10.8	10.8	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4½	6.1	11.2	11.2	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
4	6.3	12.2	12.3	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
3½	6.6	13.1	13.2	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
3	7.6	16.2	16.4	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
2½	9.2	20.5	21.4	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
2	12.5	28.3	29.8	31.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
1¾	13.4	32.4	34.3	36.8	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
1½	14.6	45.6	50.1	53.9	55.7	55.9	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
1¼	15.1	51.8	58.9	64.4	66.6	66.8	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1	15.5	57.7	66.6	74.8	78.2	78.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
¾	15.5	59.0	68.8	77.8	81.4	81.9	83.4	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
½	15.7	60.5	70.8	80.4	84.7	85.4	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
¼	15.7	61.4	72.1	82.4	86.6	87.8	89.6	90.4	90.4	90.5	90.6	90.6	90.8	90.8	90.8	90.8
0	15.7	61.9	73.2	84.2	89.0	90.4	92.6	93.6	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0
M	15.7	62.5	74.1	85.4	91.3	92.8	95.2	96.4	96.4	96.6	97.0	97.0	97.1	97.1	97.1	97.1
M	15.7	62.8	74.6	86.1	92.2	93.7	96.5	97.9	97.9	98.3	98.6	98.6	98.7	98.7	98.7	98.7
M	15.7	62.8	74.8	86.3	92.4	93.9	96.8	98.3	98.3	98.9	99.3	99.3	99.6	99.6	99.6	99.6
M	15.7	62.9	74.9	86.4	92.5	94.0	97.0	98.4	98.4	99.0	99.5	99.5	99.7	99.7	99.7	99.7
M	15.7	62.9	74.9	86.4	92.5	94.0	97.0	98.4	98.4	99.0	99.6	99.6	99.9	99.9	99.9	99.9
M	15.8	63.0	75.0	86.5	92.6	94.1	97.1	98.5	98.5	99.1	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

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 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
22000+	6.8	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
20000	8.7	8.7	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
18000	10.2	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
17000	10.2	10.2	10.2	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
16000	10.3	10.3	10.3	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
15000	10.5	10.5	10.5	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
14000	11.2	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
13000	11.2	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
12000	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
11000	14.8	14.9	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
10000	15.2	15.3	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
9000	15.4	15.6	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
8000	15.8	16.0	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3	16.3	16.3	16.3
7000	16.1	16.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6
6500	17.3	17.5	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.8	17.8
6000	20.9	21.2	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8
5500	24.9	25.2	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7
5000	35.9	36.8	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
4500	40.3	41.2	41.7	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5
4000	57.2	59.5	62.1	63.2	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
3500	65.6	68.8	72.9	74.3	74.4	75.1	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
3000	71.2	76.0	80.5	82.9	83.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0
2500	72.2	77.3	82.1	85.1	85.7	86.9	87.2	87.3	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7
2000	72.9	79.1	84.4	87.8	88.5	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
1800	73.7	80.5	86.5	90.1	90.9	92.8	93.2	93.3	93.6	93.6	93.6	93.6	93.9	93.9	93.9	93.9
1600	74.3	81.6	88.0	92.0	92.8	94.9	95.4	95.5	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
1400	74.5	82.1	89.0	93.8	94.5	96.8	97.5	97.6	98.2	98.2	98.2	98.2	98.5	98.5	98.5	98.5
1200	74.5	82.3	89.5	94.2	95.0	97.7	98.5	98.6	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5
1000	74.5	82.3	89.5	94.2	95.0	97.7	98.5	98.6	99.2	99.5	99.5	99.5	99.8	99.8	99.8	99.8
800	74.5	82.3	89.5	94.2	95.1	97.8	98.7	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0
600	74.5	82.3	89.5	94.2	95.1	97.8	98.7	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0
0	74.5	82.3	89.5	94.2	95.1	97.8	98.7	98.8	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 913

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4340 ADAK NAS AK 73-62 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

3.3	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
3.9	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
4.6	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.6	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
5.7	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
6.6	15.1	15.1	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
6.9	15.8	15.8	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
6.9	15.8	15.8	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
7.1	16.5	16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
7.5	17.6	17.7	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
8.4	19.3	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	19.5
9.4	23.0	23.2	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6
11.9	28.3	28.5	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9
15.8	39.6	40.6	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3
16.3	46.4	47.7	49.0	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5
17.6	60.2	63.2	65.4	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
17.7	65.8	69.9	73.3	74.9	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
18.1	71.1	76.7	81.1	83.4	83.9	84.9	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4
18.1	72.1	78.3	83.2	86.1	86.6	87.8	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6
18.1	72.8	80.2	85.9	89.1	89.7	91.1	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
18.1	74.1	82.1	88.1	91.8	92.4	94.0	94.6	94.7	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
18.2	74.5	82.5	88.8	92.6	93.3	95.1	95.9	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4
18.2	75.3	83.2	89.6	94.0	94.7	96.5	97.8	97.9	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0
18.2	75.3	83.2	89.7	94.3	95.1	97.2	98.5	98.6	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 919

USAF ETAC 0-734-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

2.4	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
2.5	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.7
2.7	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.7	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6
2.7	5.6	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
3.0	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
3.4	6.9	6.9	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
3.6	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
3.7	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
4.6	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.6	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.6	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4.9	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
5.3	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
6.1	13.8	13.9	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
7.2	16.9	17.0	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
8.9	21.9	22.3	22.6	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
11.6	32.4	33.7	34.4	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
11.7	37.2	39.3	40.5	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0
12.8	48.6	51.0	55.2	56.1	56.4	56.8	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2
13.0	55.7	60.3	64.8	66.6	66.8	67.3	67.9	67.9	68.0	68.2	68.2	68.3	68.3	68.3	68.3	68.3
13.1	62.5	68.7	74.4	77.9	78.3	79.0	79.8	79.8	79.9	80.1	80.1	80.3	80.5	80.5	80.5	80.5
13.1	64.0	70.7	76.4	79.9	80.3	81.1	81.9	81.9	82.0	82.2	82.2	82.4	82.5	82.5	82.5	82.5
13.1	64.8	72.0	78.5	82.4	83.1	84.0	84.8	84.8	85.0	85.2	85.2	85.5	85.6	85.6	85.6	85.6
13.1	66.0	73.7	80.7	84.9	85.9	87.1	88.1	88.1	88.3	88.5	88.5	88.7	88.8	88.8	88.8	88.8
13.1	66.7	75.1	82.4	86.8	87.9	89.4	90.6	90.6	91.0	91.2	91.2	91.4	91.5	91.5	91.5	91.5
13.1	67.3	76.2	83.6	88.8	90.3	92.2	93.5	93.5	94.1	94.5	94.5	94.7	94.8	94.8	94.8	94.8
13.1	67.9	77.1	84.6	90.1	91.9	93.9	95.4	95.4	96.5	97.1	97.1	97.6	97.7	97.7	97.7	97.7
13.1	67.9	77.1	84.6	90.2	92.0	94.0	95.8	95.8	97.1	97.6	97.6	98.3	98.4	98.4	98.4	98.4
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.3	98.0	98.6	98.6	99.2	99.3	99.5	99.5	
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.4	98.3	98.8	98.8	99.5	99.6	99.9	100.0	
13.1	67.9	77.1	84.6	90.7	92.4	94.6	96.3	96.4	98.3	98.8	98.8	99.5	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 921

GL BAL CLIMATOLOGY BRANCH
ETAC
AI WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

2.1	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	
2.1	4.1	4.1	4.1	4.1	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	
2.2	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	
2.2	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	
2.2	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	
2.4	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	
2.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	
2.7	5.9	5.9	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	
2.7	7.1	7.1	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	
2.9	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	
2.9	9.2	9.2	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	
2.9	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	
3.2	9.7	9.8	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
3.3	10.4	10.5	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	
3.4	12.0	12.2	12.3	12.3	12.4	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	
3.7	14.4	14.7	14.8	14.8	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	
4.4	18.1	19.2	19.4	19.4	19.5	19.5	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	
5.1	25.7	27.1	27.7	27.9	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	
5.2	30.1	31.3	33.0	33.4	33.6	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
5.3	40.1	43.6	46.1	47.2	47.5	48.1	48.4	48.4	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
5.5	45.2	51.1	53.8	56.1	56.6	57.4	57.8	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
5.6	50.5	57.5	62.2	65.5	66.3	67.6	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
5.6	51.7	59.2	65.0	68.3	69.1	70.5	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	
5.6	53.6	61.9	68.3	72.6	73.6	75.0	75.5	75.5	76.0	76.0	76.0	76.1	76.1	76.1	76.1	
5.6	55.2	64.5	71.8	76.4	77.9	79.4	80.0	80.0	80.5	80.5	80.5	80.6	80.6	80.6	80.6	
5.6	56.1	65.4	74.7	79.8	81.7	84.0	84.6	84.6	85.2	85.3	85.3	85.6	85.6	85.6	85.6	
5.6	56.9	66.3	76.0	81.9	84.0	87.4	88.5	88.6	89.7	90.3	90.3	90.6	90.6	90.6	90.6	
5.6	57.2	66.8	77.3	83.8	86.0	90.1	91.3	91.4	92.5	93.2	93.2	93.6	93.6	93.6	93.6	
5.6	57.2	66.9	77.4	84.0	86.4	91.0	92.8	93.0	94.5	95.5	95.5	96.6	96.6	96.6	96.6	
5.6	57.3	67.0	77.6	84.6	87.1	91.9	93.9	94.3	95.9	97.1	97.1	98.3	98.3	98.4	98.5	
5.6	57.3	67.1	77.6	84.6	87.1	91.9	93.9	94.3	96.1	97.5	97.6	99.7	99.7	99.8	100.0	
5.6	57.3	67.0	77.6	84.6	87.1	91.9	93.9	94.3	96.1	97.5	97.6	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 916

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

L PAL CLIMATOLOGY BRANCH
.SAFETAC
A. .EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

? 4543 ADAK NAS AK 73-62 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

2.6	4.7	4.7	4.7	4.7	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	
2.8	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	
3.1	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	
3.1	6.4	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	[illegible]	6.6	
3.1	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	[illegible]	6.6	
3.2	6.7	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	
3.3	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	
3.4	7.3	7.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	
3.7	8.4	8.4	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	
4.3	9.9	10.0	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	
4.4	10.3	10.4	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
4.5	10.5	10.6	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	
4.7	11.2	11.3	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	
4.9	12.0	12.1	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	
5.2	13.2	13.4	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	
5.9	16.2	16.5	16.8	16.9	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	
7.1	20.4	21.1	21.4	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7	
9.4	28.6	29.9	30.7	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	
9.7	33.0	34.7	36.0	36.5	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	
10.5	45.4	48.9	51.7	52.9	53.1	53.4	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
10.7	51.6	56.7	60.9	62.7	63.0	63.6	63.8	63.8	63.9	64.0	64.0	64.1	64.1	64.1	64.1	
10.9	57.4	64.4	70.0	72.9	73.4	74.4	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.1	
10.9	58.5	66.1	72.1	75.3	76.0	77.0	77.5	77.5	77.7	77.8	77.8	77.9	77.9	77.9	77.9	
10.9	59.9	68.3	75.3	79.1	79.8	81.1	81.7	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	
10.9	61.1	70.2	77.8	81.9	82.9	84.5	85.2	85.2	85.5	85.6	85.6	85.7	85.8	85.8	85.8	
11.0	61.9	71.5	80.0	84.5	85.8	87.7	88.6	88.7	89.2	89.3	89.3	89.5	89.5	89.5	89.5	
11.0	62.7	72.7	81.8	87.2	88.7	91.2	92.4	92.5	93.2	93.5	93.5	93.7	93.7	93.7	93.7	
11.0	63.0	73.1	82.7	88.6	90.2	93.1	94.5	94.6	95.5	95.9	95.9	96.1	96.1	96.1	96.1	
11.0	63.0	73.2	82.9	88.9	90.6	93.7	95.4	95.5	96.7	97.2	97.2	97.7	97.7	97.7	97.7	
11.0	63.0	73.3	83.0	89.3	91.0	94.3	96.1	96.3	97.8	98.4	98.4	99.0	99.1	99.1	99.1	
11.0	63.0	73.3	83.1	89.3	91.0	94.3	96.2	96.4	98.0	98.7	98.7	99.6	99.7	99.8	99.9	
11.0	63.1	73.3	83.1	89.3	91.0	94.4	96.2	96.4	98.0	98.7	98.7	99.6	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7347

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4640 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES															
	0	¼	½	¾	1	1¼	1½	1¾	2	2½	3	4	5	6	7	8
0	.3	5.0	5.1	5.2	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
1	.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
2	.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
3	.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
4	.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
5	.3	5.1	5.3	5.4	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7	5.7
6	.3	5.2	5.4	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
7	.3	5.2	5.4	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
8	.3	5.3	5.7	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
9	.4	6.8	7.1	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
10	.4	7.0	7.3	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
11	.4	7.5	7.8	8.0	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
12	.4	8.2	8.5	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
13	.4	8.7	9.0	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
14	.4	10.1	10.4	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
15	.4	12.0	12.7	13.0	13.3	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5
20	.4	15.8	16.9	17.2	17.6	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
25	.4	21.8	23.2	24.3	24.9	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2
30	.4	24.4	26.6	27.8	28.4	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6
35	.4	33.8	37.4	39.7	41.1	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
40	.4	38.8	43.9	47.7	50.5	51.1	51.3	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5
45	.4	43.9	51.1	56.5	60.2	61.0	61.7	61.9	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.1
50	.4	46.0	54.1	60.7	64.9	65.7	66.7	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2
60	.4	48.9	58.7	66.2	71.6	72.4	73.6	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2
70	.4	50.3	60.9	69.4	75.3	76.6	78.0	78.5	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9
80	.4	51.9	63.2	73.5	80.7	82.5	84.7	85.3	85.3	85.5	85.6	85.6	85.7	85.7	85.7	85.7
90	.4	53.1	65.4	76.6	85.4	87.4	90.3	91.3	91.3	91.8	91.9	91.9	92.0	92.0	92.0	92.0
100	.4	53.3	65.9	77.9	87.1	89.1	92.2	93.6	93.8	94.3	94.6	94.7	94.8	94.8	94.8	94.9
120	.4	53.4	66.1	78.4	87.9	89.9	93.1	94.7	94.9	95.9	96.1	96.2	96.7	96.7	96.7	96.8
150	.4	53.5	66.2	78.6	88.2	90.2	93.8	95.5	95.8	96.9	97.6	97.7	98.5	98.6	98.7	98.8
200	.4	53.5	66.2	78.6	88.2	90.2	93.9	95.9	96.1	97.3	98.1	98.3	99.1	99.2	99.5	99.6
999	.4	53.5	66.2	78.6	88.2	90.2	93.9	95.9	96.1	97.3	98.1	98.3	99.2	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 918

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

GL PAL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

4540 ADAK NAS AK | 73-82 | AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

.1	4.1	4.3	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.6	4.6
.1	4.7	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.1	5.1
.1	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2
.1	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.2
.1	4.8	4.9	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.1	5.1	5.1	5.1	5.2	5.3
.3	5.0	5.1	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.5	5.6
.3	5.0	5.2	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.6	5.7
.3	5.1	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.8
.3	5.1	5.3	5.3	5.3	5.5	5.5	5.5	5.5	5.5	5.6	5.6	5.6	5.6	5.7	5.8
.7	6.3	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.8	6.8	6.8	6.8	6.9	7.0
.7	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.1	7.2
.7	7.1	7.3	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.6	7.6	7.6	7.6	7.8	7.9
.8	7.9	8.1	8.1	8.2	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.5	8.6
.9	8.3	8.5	8.6	8.7	8.8	8.8	8.8	8.8	8.8	9.0	9.0	9.0	9.0	9.1	9.2
.9	9.4	9.6	9.7	9.8	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.2	10.3
1.1	11.5	11.9	12.1	12.3	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.8	12.9
1.1	15.3	16.1	16.7	16.9	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.4	17.5
1.1	22.8	23.9	24.9	25.3	25.5	25.5	25.5	25.5	25.5	25.7	25.7	25.7	25.7	25.8	25.9
1.1	25.3	26.7	28.2	28.7	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.1	29.3
1.3	36.1	39.7	42.7	44.1	44.3	44.5	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.9	45.0
1.3	41.4	46.8	51.0	53.4	53.8	54.4	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.1
1.3	45.8	54.0	59.5	63.4	64.2	65.3	65.7	65.7	65.8	65.9	65.9	65.9	65.9	66.0	66.2
1.3	46.3	55.5	62.1	66.8	67.8	69.1	69.5	69.5	69.7	69.8	69.8	69.8	69.8	69.9	70.0
1.3	47.5	57.3	65.1	71.1	72.3	73.6	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.5	74.6
1.3	48.5	59.2	68.6	76.0	77.3	78.7	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.7	79.8
1.3	50.9	62.4	73.6	82.0	83.7	85.4	86.4	86.4	86.6	86.8	86.8	86.8	86.8	86.9	87.0
1.4	51.7	64.1	76.3	85.8	87.6	90.1	91.6	91.8	92.2	92.5	92.5	92.5	92.5	92.6	92.7
1.4	52.5	65.3	79.0	88.6	90.4	93.0	94.8	95.0	95.6	95.9	95.9	95.9	95.9	96.0	96.1
1.4	52.5	65.3	79.1	89.7	91.5	94.2	96.1	96.5	97.3	97.5	97.5	97.5	97.5	97.6	97.7
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.1	97.5	98.4	98.7	98.7	98.9	98.9	99.0	99.1
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.2	97.6	98.7	99.3	99.3	99.7	99.8	99.9	100.0
1.4	52.5	65.3	79.5	90.3	92.0	95.0	97.2	97.6	98.7	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 916

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 AUG

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

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	≥10	9	8	7	6	5	4	3	2	1¼	1	¾	½	¼	0
≥22000	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
20000	2.6	2.6	2.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
18000	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
16000	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
14000	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.8	3.8
12000	3.4	3.4	3.5	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
10000	3.7	3.7	3.8	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
9000	3.9	3.9	4.0	4.3	4.3	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5
8000	4.1	4.1	4.3	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7
7000	6.1	6.1	6.2	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.7	6.7
6000	6.3	6.3	6.4	6.7	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0
5000	7.6	7.6	7.7	8.0	8.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3
4500	8.7	8.7	8.9	9.2	9.2	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5
4000	9.4	9.4	9.6	9.8	9.8	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
3500	10.1	10.1	10.4	10.6	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.9
3000	12.4	12.4	12.8	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4
2500	15.2	15.6	16.5	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1
2000	21.9	22.5	23.6	24.3	24.3	24.4	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.8	24.8
1800	26.2	27.0	28.6	29.4	29.4	29.7	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.1	30.1
1600	37.3	39.8	43.7	45.4	45.6	46.0	46.5	46.5	46.7	46.8	46.8	46.8	46.8	46.9	46.9
1400	42.1	46.8	52.2	55.0	55.6	56.7	57.5	57.5	57.7	57.8	57.8	57.8	57.8	57.9	57.9
1200	46.6	52.6	59.7	63.9	64.8	66.6	67.6	67.6	68.0	68.2	68.2	68.2	68.2	68.3	68.3
1000	48.2	55.3	63.4	67.8	68.7	70.8	71.9	71.9	72.4	72.5	72.5	72.5	72.5	72.6	72.6
900	49.6	57.3	66.3	71.9	72.8	75.0	77.0	77.0	77.6	77.8	77.8	77.8	77.8	77.9	77.9
800	51.0	59.3	69.8	75.8	76.8	79.2	81.4	81.4	82.0	82.1	82.1	82.1	82.1	82.2	82.2
700	52.0	61.1	72.4	79.2	80.8	83.9	86.2	86.2	86.8	86.9	86.9	86.9	86.9	87.0	87.0
600	52.5	61.6	73.8	81.7	83.6	87.1	89.7	89.7	90.6	90.7	90.7	90.7	90.7	90.8	90.8
500	52.6	62.1	74.5	83.5	85.5	89.6	92.5	92.5	93.7	93.8	93.8	93.8	93.8	93.9	93.9
400	52.6	62.1	74.6	84.0	85.9	90.7	93.8	93.9	95.5	95.9	95.9	96.2	96.3	96.5	96.6
300	52.6	62.1	74.7	84.2	86.3	91.3	94.4	94.5	96.5	96.9	96.9	97.6	97.7	97.9	98.3
200	52.6	62.1	74.8	84.3	86.4	91.4	94.5	94.7	96.8	97.5	97.5	98.5	98.7	98.9	99.5
100	52.6	62.1	74.9	84.4	86.5	91.5	94.7	94.8	96.9	97.6	97.6	98.7	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 ALL 0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	1.7	4.7	4.7	4.9	4.9	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
	1.9	5.0	5.0	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
	2.2	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	2.2	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	2.2	6.1	6.1	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	2.3	6.3	6.3	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
	2.3	6.6	6.6	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	2.4	6.7	6.7	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
	3.0	7.6	7.7	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
	4.1	10.0	10.1	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
	4.1	10.8	11.0	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
	4.2	11.6	11.8	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
	4.6	12.1	12.3	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
	4.9	13.4	13.6	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
	5.4	14.3	14.5	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
	6.2	16.0	16.2	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
	7.4	20.0	20.5	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
	8.8	27.7	28.9	30.1	30.8	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
	9.1	32.2	33.6	34.8	35.9	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
	10.1	44.2	47.5	51.1	54.0	54.9	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
	10.5	49.5	54.8	59.8	63.4	64.7	65.5	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
	10.5	55.1	62.4	69.8	74.0	75.7	76.8	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	10.5	56.1	63.5	71.7	76.3	78.2	79.6	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
	10.5	57.7	66.2	75.3	80.5	82.4	84.0	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
	10.5	58.6	67.5	77.2	83.2	85.0	86.7	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
	10.7	59.5	68.8	79.2	85.8	87.7	89.8	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
	10.7	60.3	70.0	81.6	88.8	90.9	93.4	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.8
	10.7	60.3	70.0	81.8	89.1	91.2	93.9	95.9	95.9	96.4	96.4	96.4	96.5	96.5	96.5	96.8	
	10.7	60.3	70.0	81.8	89.1	91.2	94.0	96.2	96.4	97.2	97.3	97.3	97.6	97.6	97.6	97.9	
	10.7	60.3	70.0	81.8	89.1	91.2	94.7	97.1	97.3	98.3	98.7	98.7	99.5	99.5	99.6	99.9	
	10.7	60.3	70.0	81.8	89.1	91.2	94.7	97.1	97.3	98.4	98.8	98.8	99.6	99.6	99.7	100.0	
	10.7	60.3	70.0	81.8	89.1	91.2	94.7	97.1	97.3	98.4	98.8	98.8	99.6	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

1.9	3.8	3.9	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
1.9	4.3	4.3	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
2.2	5.8	5.8	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
2.2	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
2.2	5.8	5.9	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
2.6	6.3	6.5	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
2.6	6.3	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
2.6	6.3	6.5	6.8	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
3.4	8.0	8.1	8.4	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
4.0	9.4	9.5	9.8	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
4.2	10.3	10.4	10.7	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.5	11.4	11.5	11.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4.6	11.6	11.7	12.0	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
4.9	12.5	12.6	13.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
5.3	13.6	13.7	14.1	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
6.3	17.2	17.3	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
6.7	20.2	20.4	21.2	21.6	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
9.0	30.4	31.2	32.1	33.2	33.2	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
10.0	38.7	39.8	41.8	42.2	42.2	42.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
11.9	5..4	53.9	57.7	59.3	59.4	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
11.9	55.8	60.3	65.0	68.1	68.5	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
11.9	59.7	65.3	71.7	75.9	76.5	77.9	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
11.9	60.7	66.6	73.3	77.8	78.4	80.0	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1
11.9	61.9	69.1	76.4	81.6	82.9	84.5	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8
11.9	63.0	70.5	78.4	84.1	85.0	87.4	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7
12.0	64.9	72.8	81.4	87.5	88.8	91.4	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8
12.0	65.8	74.1	83.6	90.3	91.7	94.6	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4
12.0	66.0	74.4	84.0	90.9	92.6	95.7	97.0	97.2	97.5	97.5	97.5	97.6	97.6	97.8	97.8	97.8
12.0	66.2	74.6	84.2	91.4	93.0	96.2	97.5	97.6	98.0	98.0	98.0	98.1	98.1	98.4	98.4	98.4
12.1	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	98.9	99.1	99.1	99.3	99.3	99.6	99.6	99.6
12.0	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	99.0	99.3	99.3	99.8	99.8	100.0	100.0	100.0
12.0	66.2	74.6	84.2	91.4	93.0	96.8	98.2	98.4	99.0	99.3	99.3	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 914

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

2.7	5.3	5.3	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
2.9	5.4	5.4	5.4	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
3.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
3.1	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
3.5	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
3.5	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
3.3	7.9	7.9	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
4.6	9.4	9.4	9.4	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
4.8	9.7	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
4.8	9.9	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
5.0	10.4	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
5.1	11.2	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.3	12.5	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
6.9	16.1	16.5	16.6	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
7.8	21.5	22.1	22.1	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
10.1	31.4	32.6	33.3	33.4	33.6	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
10.4	36.8	38.7	39.7	40.1	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
11.4	50.7	54.4	57.0	58.2	58.7	59.7	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
11.5	55.0	60.2	63.8	65.4	66.7	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
11.6	58.3	64.9	70.8	73.1	74.3	76.3	77.2	77.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
11.6	59.5	66.7	73.2	75.7	77.1	79.3	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
11.6	60.8	68.6	75.8	78.6	80.1	82.8	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	85.1	85.1
11.6	62.2	70.7	78.2	81.5	83.2	85.9	87.7	87.7	88.3	88.3	88.3	88.3	88.3	88.6	88.6	88.6
11.6	62.9	71.9	79.9	83.4	85.5	88.5	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.4	91.4	91.4
11.0	63.4	73.4	82.6	86.4	88.7	92.2	94.4	94.4	95.2	95.2	95.2	95.2	95.2	95.5	95.5	95.5
11.6	63.5	73.7	83.4	87.9	90.2	93.7	96.0	96.0	97.1	97.1	97.1	97.2	97.2	97.5	97.5	97.5
11.6	63.5	74.0	83.7	88.5	90.8	94.4	96.7	96.7	98.0	98.2	98.2	98.3	98.3	98.6	98.6	98.6
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.6	99.6	99.9	99.9	99.9
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.7	99.7	100.0	100.0	100.0
11.6	63.6	74.2	84.0	89.0	91.3	95.0	97.6	97.6	99.1	99.3	99.3	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

L BAL CLIMATOLOGY BRANCH
AFETAC
A[illegible] EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

2.3	5.1	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
2.3	6.2	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
2.3	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
2.3	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
2.3	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
2.3	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
2.3	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
2.3	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
2.9	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
3.2	8.6	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
3.3	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.3	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
3.7	10.0	10.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.9	10.6	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.4	11.6	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
5.0	13.7	13.8	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
5.5	17.9	18.8	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
7.9	27.5	29.7	30.0	30.3	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
7.9	31.1	33.8	34.2	34.6	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
8.4	42.0	47.3	48.9	49.9	50.5	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
9.0	48.5	54.5	57.2	58.4	59.4	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
9.4	51.9	59.9	63.7	66.2	67.6	70.3	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
9.5	52.7	61.9	65.8	68.5	70.2	73.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
9.5	53.6	64.1	69.7	73.4	75.5	78.5	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5
9.5	54.2	65.3	71.3	75.8	78.1	81.3	83.2	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
9.5	55.7	67.0	73.3	78.4	80.7	84.2	86.2	86.2	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1
9.5	56.8	68.9	76.9	82.6	85.4	89.7	92.3	92.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1
9.6	56.8	69.4	78.3	84.6	87.5	92.0	94.8	94.9	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.1
9.6	56.8	69.6	78.4	85.0	87.9	92.6	95.7	95.8	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.4
9.6	56.9	69.5	78.5	85.1	88.0	93.0	96.1	96.2	98.5	99.0	99.1	99.1	99.1	99.2	99.2	99.4
9.6	56.9	69.5	78.5	85.1	88.0	93.1	96.2	96.3	98.7	99.4	99.5	99.6	99.6	99.8	100.0	
9.6	56.9	69.5	78.5	85.1	88.0	93.1	96.2	96.3	98.7	99.4	99.5	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 926

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 4540 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	2	2½	3	4	5	6	7	8	9	10	15	20	25	30	35	40+
50	.8	4.6	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.9	4.9	4.9	4.9	4.9	4.9	4.9
100	.8	5.4	5.6	5.7	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
150	.8	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9
200	.8	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
250	.8	5.5	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9
300	.8	5.6	5.8	6.0	6.0	6.0	6.0	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
400	.8	6.0	6.2	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.6	6.6	6.6	6.6	6.6
500	.8	6.0	6.3	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.7
600	.9	6.3	6.7	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.1	7.1	7.1	7.1
700	.9	6.9	7.2	7.4	7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.5	7.7	7.7	7.7	7.7
800	.9	7.2	7.5	7.8	7.8	7.8	7.8	7.8	7.8	7.9	7.9	7.9	8.0	8.0	8.0	8.0
900	.9	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.9	8.9	8.9	9.0	9.0	9.0	9.0
1000	.9	8.6	9.0	9.2	9.2	9.2	9.2	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.4
1100	.9	8.9	9.2	9.4	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.6	9.6	9.6	9.6
1200	1.0	9.7	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.5	10.5	10.5	10.5
1300	1.0	11.7	12.0	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.5	12.5	12.5	12.5
1400	1.0	14.6	15.2	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.7
1500	1.1	21.3	22.5	23.0	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.3	23.4	23.4	23.4	23.4
1600	1.1	25.0	26.4	27.1	27.2	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.5	27.5	27.5	27.5
1700	1.1	35.1	39.0	41.3	42.3	42.6	43.0	43.2	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4
1800	1.1	40.1	46.2	50.7	52.6	53.0	53.7	53.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1
1900	1.1	44.7	52.1	58.3	61.4	62.3	63.8	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
2000	1.1	46.7	56.2	62.8	66.2	67.3	69.1	69.7	69.7	69.8	69.8	69.8	69.9	69.9	69.9	69.9
2100	1.1	46.5	59.5	66.6	71.0	72.5	74.2	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1
2200	1.1	49.5	60.7	69.0	74.3	76.0	78.1	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3
2300	1.1	51.0	63.0	72.5	78.1	79.9	83.2	84.2	84.3	84.6	84.6	84.6	84.7	84.7	84.7	84.7
2400	1.1	52.0	64.3	74.9	82.2	84.4	88.5	89.8	89.9	90.5	90.8	90.8	91.0	91.0	91.0	91.0
2500	1.1	52.2	64.5	76.3	83.9	86.3	91.0	92.6	92.7	93.7	94.1	94.1	94.3	94.3	94.3	94.3
2600	1.1	52.3	64.6	76.4	84.6	87.1	92.3	94.1	94.2	95.7	96.4	96.4	96.7	96.7	96.7	96.8
2700	1.1	52.6	64.8	76.8	85.2	87.8	93.2	95.1	95.2	96.7	97.8	97.9	98.4	98.5	98.6	98.8
2800	1.1	52.6	64.9	76.9	85.2	87.9	93.3	95.2	95.3	96.9	98.0	98.1	98.9	99.0	99.2	99.6
2900+	1.1	52.6	64.8	76.8	85.2	87.9	93.3	95.2	95.3	96.9	98.1	98.3	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 915

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

USE ALL STATE MES

ALL

	1.3	4.4	4.4	4.5	4.6	4.6	4.6	4.6	4.6	4.6	4.7	4.7	4.7	4.7	4.7	4.7
	1.4	4.8	4.9	5.0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.2
	1.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	1.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	1.5	5.4	5.5	5.6	5.7	5.7	5.7	5.7	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8
	1.6	5.7	5.7	5.9	5.9	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
	1.8	5.9	6.1	6.1	6.2	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
	1.7	6.0	6.1	6.2	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	2.0	6.5	6.7	6.8	6.9	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
	2.5	7.9	8.1	8.2	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.5
	2.6	8.4	8.6	8.7	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0
	2.7	9.1	9.3	9.5	9.6	9.6	9.6	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7
	3.0	9.7	9.9	10.0	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3	10.3
	3.1	10.4	10.5	10.7	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0
	3.3	11.4	11.6	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1
	3.9	13.8	14.1	14.4	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.8
	4.4	17.6	18.2	18.7	18.9	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1
	5.5	25.6	26.9	27.7	28.2	28.3	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6
	5.8	29.9	31.6	32.8	33.3	33.4	33.6	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8
	6.5	41.2	44.9	47.8	49.3	49.7	50.3	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
	6.6	46.4	51.7	55.9	58.4	59.1	60.1	60.4	60.4	60.5	60.6	60.6	60.6	60.6	60.6	60.6
	6.7	50.7	57.8	63.7	67.3	68.3	69.9	70.5	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7
	6.9	52.0	60.0	66.6	70.5	71.7	73.5	74.2	74.2	74.4	74.4	74.4	74.5	74.5	74.5	74.5
	6.8	53.6	62.6	70.2	75.0	76.3	78.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.7	79.7
	6.8	54.7	64.3	72.7	78.2	79.7	81.9	83.1	83.1	83.4	83.5	83.5	83.5	83.5	83.6	83.6
	6.8	56.1	66.3	75.7	81.9	83.7	86.4	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.3	88.4
	6.9	56.9	67.7	78.3	85.4	87.5	90.7	92.5	92.6	93.2	93.4	93.4	93.4	93.4	93.5	93.5
	6.9	57.2	68.2	79.4	87.0	89.1	92.7	94.6	94.7	95.6	95.8	95.8	95.9	95.9	96.0	96.1
	6.8	57.2	68.3	79.6	87.5	89.7	93.5	95.6	95.8	96.9	97.2	97.2	97.4	97.4	97.6	97.7
	6.8	57.3	68.3	79.8	87.8	90.0	94.1	96.4	96.6	97.9	98.4	98.4	98.9	98.9	99.1	99.2
	6.8	57.3	68.3	79.8	87.8	90.0	94.1	96.5	96.7	98.1	98.7	98.8	99.3	99.4	99.6	99.8
	6.8	57.3	68.3	79.8	87.8	90.0	94.2	96.5	96.7	98.1	98.8	98.8	99.4	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7347

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 8540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

.7	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	
.7	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	
1.0	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	
1.0	14.8	14.9	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	
1.7	14.9	14.9	14.9	14.9	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	
1.0	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	
1.0	15.9	15.9	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	
1.0	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	
1.0	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	
1.0	18.0	18.0	18.0	18.0	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	
1.7	18.3	18.3	18.3	18.3	18.3	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	
1.0	19.4	19.4	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	
1.0	20.5	20.5	20.5	20.5	20.5	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	
1.0	22.6	22.6	22.6	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
1.7	26.3	26.4	26.6	26.6	26.6	26.6	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	
1.0	34.2	34.6	34.8	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
1.0	46.1	46.5	47.0	47.0	47.0	47.3	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
1.0	58.6	60.7	61.7	61.8	61.8	62.2	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
1.0	61.5	64.2	65.3	65.4	65.4	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.0	66.0	
1.0	69.9	74.0	75.8	76.3	76.3	76.9	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	
1.0	71.9	77.3	80.9	82.0	82.0	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	
1.0	73.7	79.9	84.6	85.7	85.7	87.2	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
1.0	74.4	80.9	86.1	87.2	87.3	88.9	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
1.0	75.3	82.4	87.9	89.2	89.3	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
1.0	75.9	83.1	89.0	90.6	90.7	92.8	92.9	92.9	93.2	93.2	93.2	93.3	93.3	93.3	93.3	
1.0	76.7	84.0	90.6	92.5	92.7	95.2	95.4	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	
1.0	76.8	84.2	90.8	93.5	93.8	96.7	97.3	97.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2	
1.0	76.8	84.3	91.0	93.9	94.3	97.4	98.1	98.1	98.9	98.9	98.9	99.0	99.0	99.0	99.0	
1.0	76.8	84.3	91.0	93.9	94.3	97.4	98.1	98.1	99.0	99.0	99.0	99.2	99.2	99.2	99.2	
1.0	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.4	99.4	99.4	99.7	99.7	99.7	99.7	
1.0	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	
1.0	76.8	84.3	91.0	93.9	94.3	97.6	98.3	98.3	99.6	99.6	99.6	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)																
	30	20	15	12	10	9	8	7	6	5	4	3	2½	2	1½	1	½
30	.7	13.7	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
25	.8	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
20	1.0	16.0	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
15	1.0	16.1	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
12	1.0	16.1	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
10	1.0	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	16.6
9	1.0	17.3	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	17.4
8	1.0	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
7	1.0	17.9	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
6	1.0	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	19.0	19.0	19.0
5	1.0	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	19.3	19.3	19.3
4½	1.0	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	21.0	21.0	21.0
4	1.0	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
3½	1.1	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	22.6	22.6	22.6
3	1.1	25.7	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
2½	1.1	34.6	35.4	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
2	1.1	45.1	46.2	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
1½	1.2	55.7	57.3	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
1	1.2	61.1	63.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
½	1.2	69.9	73.0	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
0	1.2	73.3	77.9	82.5	83.7	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
M	1.2	76.5	80.8	85.9	87.5	87.6	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
K	1.2	77.1	81.6	86.9	88.5	88.8	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
H	1.2	77.3	82.7	88.4	90.1	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
G	1.2	77.8	83.8	89.8	92.1	92.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
F	1.2	78.0	84.2	91.3	94.1	94.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
E	1.2	78.1	84.3	91.6	95.1	95.5	96.9	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
D	1.2	78.1	84.4	91.8	95.7	96.0	98.0	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
C	1.2	78.1	84.4	91.8	95.7	96.1	98.2	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
B	1.2	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
A	1.2	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1.2	78.1	84.4	91.8	95.7	96.3	98.4	98.9	98.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

L BAL CLIMATOLOGY BRANCH
SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

2.5	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.3
2.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.8
2.6	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
2.6	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
2.6	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
2.6	9.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8
2.8	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3
2.8	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.7
3.1	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2
3.9	15.8	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	16.0
4.3	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	16.7
5.3	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.3
5.4	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.1
5.7	20.7	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1
6.2	23.8	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.4
7.5	31.6	32.1	32.1	32.1	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5
8.4	43.5	44.4	44.7	44.8	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2
9.5	55.8	58.2	59.1	59.9	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4
9.7	60.6	63.5	65.1	66.2	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.9
9.8	68.5	73.0	76.2	78.2	78.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8
9.9	71.2	76.7	80.5	83.1	83.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2
9.9	73.1	79.1	84.1	87.2	88.0	89.2	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	90.0
9.9	73.8	80.1	85.4	88.9	89.8	91.0	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8
9.9	73.8	80.5	86.2	90.3	91.4	92.8	93.0	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.6
9.9	74.2	80.9	87.1	91.5	92.5	94.2	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9
9.9	74.3	81.1	87.4	91.9	93.2	94.8	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0
9.9	74.5	81.6	88.1	92.9	94.4	96.9	97.3	97.6	98.1	98.1	98.1	98.2	98.2	98.2	98.4	
9.9	74.6	81.7	88.3	93.2	94.7	97.2	97.8	98.1	98.5	98.5	98.5	98.7	98.7	98.7	98.9	
9.9	74.6	81.7	88.3	93.3	94.8	97.3	97.9	98.3	99.1	99.1	99.1	99.2	99.2	99.2	99.4	
9.9	74.6	81.7	88.3	93.5	95.2	97.6	98.3	98.8	99.7	99.7	99.7	99.8	99.8	99.8	100.0	
9.9	74.6	81.7	88.3	93.5	95.2	97.6	98.3	98.8	99.7	99.7	99.7	99.8	99.8	99.8	100.0	
9.9	74.6	81.7	88.3	93.5	95.2	97.6	98.3	98.8	99.7	99.7	99.7	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 891

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

VISIBILITY (STATUTE MILES)

	2.5	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.4
	2.7	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3
	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
	3.3	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.2
	3.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
	3.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.5
	3.8	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.5
	4.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.6
	5.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.3
	5.2	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	14.9
	5.8	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	16.3
	6.1	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	17.2
	7.5	20.5	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.7
	8.4	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5
	9.9	32.3	32.4	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1
	13.3	45.1	45.6	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5
	14.0	60.6	62.5	64.0	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
	14.5	64.7	67.2	68.9	69.9	70.0	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6
	14.9	70.6	75.1	78.9	80.5	80.7	81.1	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6
	14.9	72.8	78.5	83.1	85.3	85.7	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
	15.0	74.8	81.1	85.8	88.4	89.0	90.2	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.9
	15.0	75.6	82.1	86.8	89.7	90.2	91.7	92.3	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.6
	15.0	76.3	83.0	88.4	91.4	92.2	94.3	95.1	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.6
	15.0	76.8	87.8	89.4	92.4	93.2	95.5	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7
	15.0	76.8	83.9	89.8	93.0	93.9	96.3	97.0	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.5
	15.0	77.0	84.4	90.6	94.0	94.9	97.5	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	99.0
	15.0	77.2	84.5	90.7	94.2	95.1	97.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.3
	15.0	77.2	84.5	90.7	94.2	95.1	97.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.4
	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.9
	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.9	99.9	99.9	100.0
	15.0	77.2	84.5	90.7	94.3	95.2	98.0	99.1	99.1	99.3	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 880

L BAL CLIMATOLOGY BRANCH
SAFETAC
A - AEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

2.5	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
2.7	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
3.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.7	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
4.1	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.2	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.4	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
5.6	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
6.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
6.4	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	16.1
7.8	18.9	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
8.2	20.1	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
9.4	23.4	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
10.9	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
14.0	36.3	36.5	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
16.3	47.7	48.7	49.3	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
17.9	60.3	62.5	63.7	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
18.3	64.7	67.4	69.4	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
18.6	72.3	77.5	80.9	82.0	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
18.6	74.2	80.3	84.2	85.7	86.5	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
18.7	75.9	82.2	86.9	88.7	89.7	90.6	91.0	91.1	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
18.7	75.9	82.3	87.4	89.4	90.6	91.5	91.9	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
18.7	76.4	83.1	88.4	90.8	92.1	93.2	93.6	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
18.7	76.8	83.9	89.6	92.4	93.8	95.0	95.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
18.7	77.1	84.3	90.2	93.0	94.7	96.2	96.7	96.8	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
18.7	77.1	84.4	90.4	93.6	95.3	97.0	97.5	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
18.7	77.1	84.4	90.4	93.6	95.3	97.1	97.7	97.9	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.6	98.8	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9
18.7	77.1	84.4	90.4	93.8	95.5	97.6	98.8	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 887

USAF ETAC [illegible] DEA [illegible]

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

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

4.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
5.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
5.6	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
5.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.7	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
6.2	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
6.2	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
6.6	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
7.3	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	14.0
8.1	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	16.4	16.4	16.4
8.1	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	17.4	17.4
9.4	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	19.8	19.8
10.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
10.6	23.5	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
11.7	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
15.6	38.9	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
18.9	51.3	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
19.7	63.0	64.3	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
19.8	66.4	68.1	69.8	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
19.9	72.7	76.2	79.1	80.3	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
19.9	75.5	79.9	83.9	85.8	86.6	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
19.9	76.9	81.9	86.6	89.3	90.2	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
19.9	77.9	83.1	88.3	91.3	92.4	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
20.0	78.2	83.5	89.2	92.4	93.4	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
20.0	78.4	83.8	90.0	93.6	94.4	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
20.0	78.9	84.3	90.6	94.0	95.1	96.1	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
20.0	79.0	84.4	90.7	94.5	95.5	97.0	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
20.0	79.0	84.7	91.2	95.1	96.2	97.6	98.8	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
20.0	79.0	84.7	91.2	95.2	96.3	97.8	99.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

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

CL AL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

2.1	9.3	9.3	9.3	9.3	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
3.1	10.0	10.1	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
3.9	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
4.1	11.9	11.9	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
4.1	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
4.5	12.4	12.4	12.4	12.4	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
4.5	12.7	12.7	12.7	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
4.5	12.9	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
5.3	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
5.7	16.3	16.3	16.3	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
5.8	16.8	16.8	16.8	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
6.4	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.1	19.8	19.8	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	20.0
7.7	21.2	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	21.3
8.5	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
10.1	32.5	32.5	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
11.5	45.2	45.4	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
12.3	60.3	61.5	62.6	62.7	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
12.4	64.2	66.6	68.2	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
13.1	71.0	75.3	78.7	79.6	80.0	80.6	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
13.3	74.1	79.7	84.0	85.3	85.9	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
13.1	75.3	81.1	86.7	88.6	89.1	90.0	90.1	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4
13.1	75.9	81.7	87.4	89.7	90.2	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
13.2	76.3	82.8	88.6	91.3	92.0	93.3	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
13.1	76.7	83.2	88.9	91.8	92.5	94.1	94.3	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
13.1	77.2	83.7	89.7	93.0	94.1	95.3	95.6	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2
13.1	77.2	83.9	90.1	93.6	94.6	96.6	96.9	97.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
13.1	77.5	84.3	90.7	94.2	95.3	97.2	97.6	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
13.1	77.5	84.3	90.7	94.3	95.4	97.3	97.8	97.9	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 892

USAF ETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

.5	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8		
.6	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2		
.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2		
.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2		
.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7	13.7	13.7		
.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0		
.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0		
.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0		
.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1		
1.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2		
1.1	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6		
1.0	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9		
1.0	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6		
1.1	20.9	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2		
1.2	24.7	24.9	25.0	25.1	25.1	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2		
1.3	34.5	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	35.5		
1.3	48.2	48.8	49.2	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7		
1.3	60.1	61.4	62.2	62.7	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9		
1.3	63.7	65.6	66.5	67.2	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4		
1.5	71.1	74.7	77.7	78.9	79.0	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5		
1.5	73.9	78.1	82.7	84.1	84.2	84.6	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1		
1.5	76.0	80.6	86.8	88.7	88.8	89.6	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0		
1.5	76.3	81.3	87.7	89.8	90.0	90.8	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3		
1.5	76.5	81.5	88.0	90.4	90.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5		
1.5	77.1	82.3	88.9	91.7	91.9	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2		
1.4	77.5	82.6	89.5	92.5	92.8	94.7	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5		
1.8	77.6	82.8	90.1	93.7	94.2	96.5	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8		
1.7	78.0	83.4	91.0	94.8	95.3	98.0	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3		
1.7	78.0	83.4	91.0	94.8	95.3	98.0	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4		
1.7	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1.7	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
1.7	78.0	83.4	91.0	94.8	95.4	98.2	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0		

TOTAL NUMBER OF OBSERVATIONS 892

USAF ETAC 0-145 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

2.1	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
2.3	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8
2.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
2.8	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
2.8	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2
3.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6
3.0	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
3.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
3.5	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5
4.0	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
4.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
4.7	18.8	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
5.0	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
5.5	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
6.1	25.5	25.6	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
7.6	34.4	34.7	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
8.9	46.5	47.3	47.7	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0
9.6	59.3	61.1	62.2	62.6	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
9.8	63.4	65.7	67.3	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
10.0	70.7	74.8	77.9	79.1	79.4	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
10.0	73.4	78.1	82.7	84.4	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
10.0	75.3	80.8	85.9	88.0	88.5	89.5	89.8	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
10.0	75.9	81.6	87.0	89.3	89.9	91.0	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
10.1	76.3	82.4	88.1	90.7	91.4	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.4
10.1	76.7	83.1	89.1	92.0	92.7	94.2	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
10.1	77.1	83.5	89.9	93.0	93.8	95.5	96.0	96.0	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
10.1	77.2	83.8	90.3	93.9	94.8	96.9	97.5	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
10.1	77.3	84.0	90.7	94.3	95.3	97.5	98.2	98.3	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
10.1	77.3	84.0	90.7	94.4	95.4	97.7	98.5	98.6	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	100.0	
10.1	77.3	84.0	90.7	94.4	95.4	97.8	98.6	98.8	99.6	99.8	99.8	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 7104

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

74540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

.3	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	16.1
.3	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	17.4	17.4
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.3	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.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	19.3	19.3	19.3
.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	19.3	19.3	19.3
.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	19.3	19.3	19.3
.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	20.0
.3	21.3	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
.3	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
.3	23.5	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
.3	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
.3	29.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
.4	34.0	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
.5	47.7	48.5	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
.5	59.5	60.7	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
.5	68.5	71.2	73.6	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
.5	70.1	73.4	76.3	77.3	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
.6	74.4	79.1	83.7	85.1	85.2	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
.6	76.5	81.8	87.4	89.7	89.9	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
.6	77.7	83.4	89.5	92.9	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
.6	78.1	83.9	90.3	93.7	94.2	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.6	78.7	84.4	90.8	94.4	94.8	95.5	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
.6	79.0	85.1	91.6	95.1	95.7	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.0	97.0
.6	79.1	85.3	92.1	95.9	96.4	97.1	97.4	97.5	97.8	97.8	97.8	97.8	97.8	9 .8	97.8	97.8
.6	79.1	85.3	92.1	96.2	96.8	97.7	98.4	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.6	79.1	85.3	92.1	96.3	96.9	97.8	98.5	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0
.6	79.2	85.4	92.3	96.5	97.1	98.1	98.8	99.0	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

.2	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
.2	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
.2	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
.2	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
.2	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	18.5
.2	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	18.5
.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	19.3	19.3	19.3	19.3
.3	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	21.2	21.2	21.2
.1	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
.3	23.9	24.1	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
.3	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
.3	28.8	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	29.0	29.0
.4	33.6	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
.9	46.1	46.5	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
.9	59.3	61.5	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
.9	70.6	72.5	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
.9	72.9	74.8	77.1	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
1.0	77.2	80.2	84.0	85.0	85.3	85.4	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
1.0	79.3	83.3	88.0	89.8	90.3	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1.0	80.5	85.1	90.6	92.8	93.2	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	
1.0	80.7	85.3	90.9	93.1	93.5	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	
1.0	81.2	86.1	91.9	94.1	94.6	95.2	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.2	
1.0	81.3	86.2	92.5	95.0	95.6	96.5	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.6	
1.0	81.4	86.4	93.0	95.7	96.4	97.4	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5	
1.0	81.4	86.4	93.0	95.8	96.5	97.7	98.6	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.1	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.7	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	
1.0	81.4	86.4	93.1	96.2	96.9	98.2	99.1	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 914

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0600

	1.3	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.3
	1.6	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.1
	1.8	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5
	1.9	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.5
	2.0	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6
	2.0	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7
	2.1	12.9	12.9	12.9	12.9	12.9	12.9	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.2
	2.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.5
	2.7	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5
	3.2	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2
	3.3	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5
	4.1	18.5	18.5	18.5	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.8
	4.6	20.6	20.7	20.7	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.0
	5.3	25.1	25.2	25.2	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6
	6.4	32.1	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6
	7.7	44.5	44.7	44.8	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.2
	8.6	56.7	57.3	57.8	58.0	58.0	58.0	58.2	58.2	58.2	58.2	58.2	59.2	58.2	58.2	58.3
	9.4	68.7	70.7	72.4	72.9	72.9	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
	9.6	71.2	73.6	75.5	76.2	76.3	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
	9.6	75.1	78.7	83.1	85.2	85.6	86.2	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9
	9.6	76.8	81.3	86.6	89.0	89.4	90.0	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.9
	9.6	77.5	82.6	89.7	92.5	93.1	93.8	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.8
	9.6	77.8	82.9	90.3	93.1	93.8	94.8	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.8
	9.6	78.1	83.4	91.0	94.1	94.8	96.0	96.5	96.5	96.8	97.0	97.0	97.0	97.0	97.0	97.1
	9.6	78.2	83.6	91.2	94.5	95.1	96.4	97.1	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.7
	9.6	78.2	83.7	91.6	95.0	95.6	97.1	97.7	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.5
	9.6	78.3	83.9	91.8	95.4	96.1	97.9	98.7	98.7	99.1	99.3	99.3	99.3	99.3	99.3	99.5
	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0
	9.6	78.3	83.8	91.8	95.4	96.1	98.3	99.1	99.1	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 919

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

L RAL CLIMATOLOGY BRANCH
SAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

0900-1100

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

4.3	8.9	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	
4.9	9.9	9.9	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	
5.8	11.3	11.3	11.3	11.3	11.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	
5.8	11.5	11.5	11.5	11.5	11.5	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	
5.1	11.8	11.8	11.8	11.8	11.8	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	
6.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	
6.7	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	
6.3	13.2	13.2	13.2	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	
7.8	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	
8.2	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	
9.1	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	
10.5	20.6	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	
11.1	23.3	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	
13.6	28.6	28.9	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	
16.2	36.4	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	
17.9	47.0	47.5	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	
20.1	58.9	59.9	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
20.7	68.6	70.9	72.4	73.1	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
21.0	71.3	73.8	76.1	77.1	77.1	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	
21.2	76.7	80.1	84.5	86.4	86.7	87.0	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	
21.3	78.0	82.4	87.2	90.4	91.1	91.8	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	
21.3	78.3	83.3	89.0	92.7	93.7	94.5	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	
21.3	78.3	83.3	89.2	93.0	94.1	95.1	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	
21.3	78.3	83.6	89.9	93.8	95.1	96.2	96.8	96.8	97.1	97.2	97.2	97.2	97.2	97.2	97.2	
21.3	78.3	83.6	89.9	93.9	95.2	96.5	97.3	97.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	
21.3	78.3	83.8	90.4	94.4	95.9	97.2	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	
21.3	78.3	83.8	90.6	94.7	96.1	97.5	98.5	98.5	98.9	99.2	99.2	99.5	99.5	99.5	99.5	
21.3	78.3	83.8	90.7	94.9	96.3	97.7	98.7	98.7	99.1	99.6	99.6	99.8	99.8	99.8	99.8	
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	99.9	99.9	99.9	99.9	
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0	
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0	
21.3	78.3	83.8	90.7	95.0	96.4	97.8	98.8	98.8	99.2	99.7	99.7	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

VISIBILITY STATUTE MILE

CEILING FEET	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0
10000	4.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5
8000	4.1	6.9	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.0
7000	5.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7
6000	5.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7	8.7
5000	5.2	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	8.9	8.9
4500	5.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.1
4000	5.2	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8
3500	5.3	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9
3000	5.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5
2500	6.8	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6
2000	7.1	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5
1800	8.5	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1
1600	9.4	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4
1400	11.2	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7
1200	14.4	33.0	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4	33.4
1000	17.2	45.4	45.7	45.8	46.0	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2
900	18.6	57.5	59.1	59.7	60.2	60.3	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5
800	20.0	70.1	73.3	75.4	76.3	76.7	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2
700	20.3	73.3	77.1	79.9	81.5	81.8	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6
600	20.6	77.3	82.2	85.6	88.0	88.7	89.3	89.7	89.7	89.9	89.9	89.9	89.9	89.9
500	20.7	78.0	83.3	87.0	89.9	90.9	91.7	92.1	92.1	92.4	92.4	92.4	92.4	92.4
400	20.7	78.7	84.3	88.9	92.0	93.3	94.5	95.0	95.0	95.2	95.2	95.2	95.2	95.2
300	20.7	79.1	84.7	89.5	92.8	94.1	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1
200	20.7	79.1	84.7	89.5	93.3	94.8	96.4	96.9	96.9	97.3	97.3	97.3	97.3	97.3
150	20.7	79.1	84.7	89.6	94.0	95.4	97.2	97.8	97.8	98.1	98.1	98.3	98.3	98.3
100	20.7	79.1	84.7	89.9	94.3	95.9	97.6	98.4	98.4	98.8	98.8	98.9	98.9	98.9
50	20.7	79.1	84.8	90.2	94.7	96.2	97.9	98.7	98.7	99.2	99.2	99.3	99.3	99.3
40	20.7	79.1	84.8	90.2	94.7	96.2	98.1	98.9	98.9	99.6	99.6	99.7	99.7	99.7
30	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.0	99.0	99.7	99.7	99.8	99.8	99.8
20	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.9	99.9	100.0
10	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.9	99.9	100.0
0	20.7	79.1	84.8	90.2	94.7	96.2	98.1	99.1	99.1	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

3.9	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	
4.2	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.0	
4.7	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	
4.9	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	
4.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.0	11.0	
5.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	
5.4	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	
5.5	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	
5.5	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	
5.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	
6.3	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	
7.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	
8.3	19.0	19.1	19.0	19.0	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	
9.6	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	
13.3	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
15.8	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	
18.8	57.9	58.8	59.2	59.7	59.8	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
20.0	68.4	71.4	73.7	74.2	74.3	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	
20.3	70.8	74.4	77.3	78.0	78.1	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
20.9	76.2	81.4	85.4	87.3	87.7	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
20.9	77.3	83.1	87.9	90.2	90.6	91.3	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
20.9	78.3	84.6	90.1	92.9	93.4	94.3	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
20.9	78.4	84.9	90.6	93.4	94.1	95.0	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
20.9	78.4	85.0	91.1	94.1	94.8	96.0	96.4	96.4	96.8	96.9	96.9	96.9	96.9	96.9	96.9	
20.9	78.5	85.4	91.6	94.8	95.5	96.8	97.3	97.3	97.7	97.8	97.8	97.8	97.8	97.8	97.8	
20.9	78.6	85.6	92.0	95.3	96.1	97.5	98.0	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	
20.9	78.6	85.7	92.1	95.4	96.3	97.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
20.9	78.6	85.7	92.1	95.4	96.3	97.7	98.4	98.4	98.8	99.0	99.0	99.0	99.0	99.0	99.0	
20.9	78.6	85.7	92.1	95.4	96.3	97.8	98.5	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5	
20.9	78.6	85.7	92.1	95.4	96.3	98.0	98.7	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	
20.9	78.6	85.7	92.1	95.4	96.3	98.0	98.7	98.7	99.3	99.7	99.7	99.8	99.8	100.0	100.0	
20.9	78.6	85.7	92.1	95.4	96.3	98.0	98.7	98.7	99.3	99.7	99.7	99.8	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

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

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

2

CEILING VERSUS VISIBILITY

7 4940 ADAK NAS AK 73-80 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

	1.3	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	
	1.7	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	
	1.9	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	
	1.9	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	
	1.9	14.5	14.5	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	
	2.0	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	
	2.1	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	
	2.1	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	
	2.1	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	
	2.5	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	
	2.8	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	
	3.2	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	
	3.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	
	3.7	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	25.8	25.8	
	4.9	34.2	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	
	5.5	43.1	43.5	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
	5.1	55.4	56.4	56.8	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	
	5.9	67.3	69.5	71.6	72.4	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	
	6.1	69.2	72.5	75.2	76.2	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	
	6.3	74.3	79.5	83.9	85.9	87.0	87.1	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6	
	6.3	76.9	82.9	87.7	90.4	91.6	91.8	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.5	
	6.3	77.6	83.6	88.9	92.1	93.6	93.9	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.7	
	6.3	77.9	83.9	89.3	92.9	94.3	94.9	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.9	
	6.3	78.1	84.2	90.0	94.0	95.4	96.2	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2	
	6.3	78.4	84.5	90.3	94.5	96.0	96.8	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.9	
	6.3	78.4	84.6	90.5	94.9	96.3	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.6	
	6.3	78.4	84.7	90.6	95.1	96.5	97.7	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.1	
	6.3	78.4	84.7	90.6	95.1	96.6	97.8	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2	
	6.3	78.4	84.7	90.6	95.2	96.7	97.9	98.8	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.5	
	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.9	
	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.9	100.0	
	6.3	78.4	84.7	90.6	95.2	96.7	98.1	99.1	99.1	99.7	99.8	99.8	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

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

2

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
	15.7	15.7	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
	17.2	17.2	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	17.4
	17.2	17.2	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	17.4
	17.2	17.2	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	17.4
	17.7	17.7	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
	17.7	17.7	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
	17.7	17.7	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
	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	20.5	20.6	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
	21.0	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
	22.1	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	22.3	22.3	22.3
	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
	28.5	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
.3	35.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
.7	47.8	48.6	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
.7	59.7	61.7	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
.7	70.0	72.0	73.6	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
.9	71.7	74.5	76.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
.8	77.0	81.2	84.1	86.2	86.6	86.9	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
.8	78.5	84.3	88.6	91.9	92.2	92.7	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
.8	79.3	85.5	90.8	94.7	95.0	95.6	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
.8	79.4	85.8	91.1	95.1	95.4	96.0	96.2	96.2	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
.8	79.6	86.3	92.0	96.1	96.4	97.1	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
.8	80.0	87.0	92.7	97.0	97.3	98.0	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
.9	80.2	87.2	93.0	97.2	97.5	98.3	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
.8	80.3	87.3	93.1	97.5	97.8	98.8	99.2	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
.8	80.3	87.3	93.1	97.5	97.8	98.9	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	80.3	87.3	93.1	97.5	97.8	98.9	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	80.3	87.3	93.1	97.5	97.8	98.9	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1¼	1	¾	½	¼	0		
22000	11.9	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	12.1	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6
18000	12.5	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
17000	12.5	14.0	14.0	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
16000	12.6	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
15000	12.6	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5
14000	12.7	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
13000	12.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
12000	13.0	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	15.7
11000	13.4	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7
10000	13.7	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	18.7
9000	14.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5
8000	14.7	22.5	22.6	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
7000	15.5	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7
6000	17.1	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4
5000	19.3	45.5	46.0	46.2	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4
4500	19.2	58.1	59.2	59.8	60.0	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2
4000	19.7	69.0	71.4	73.4	74.0	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
3500	19.9	71.3	74.3	76.8	77.7	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
3000	20.1	76.0	80.4	84.3	86.1	86.6	87.0	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5
2500	20.1	77.6	82.9	87.6	90.2	90.8	91.3	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
2200	20.1	78.5	84.0	89.7	92.8	93.6	94.2	94.6	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9
2000	20.1	78.7	84.3	90.2	93.4	94.2	95.0	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
1800	20.1	78.9	84.7	90.8	94.2	95.1	96.1	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	97.0
1600	20.1	79.1	85.0	91.2	94.8	95.7	96.8	97.4	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8
1400	20.1	79.2	85.2	91.6	95.3	96.3	97.4	98.0	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.6
1200	20.1	79.2	85.2	91.7	95.6	96.5	97.9	98.6	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.3
1000	20.1	79.2	85.2	91.7	95.7	96.6	98.1	98.8	98.9	99.3	99.4	99.4	99.5	99.5	99.5	99.6
900	20.1	79.2	85.2	91.7	95.7	96.7	98.1	98.9	99.0	99.5	99.6	99.6	99.7	99.7	99.7	99.7
800	20.1	79.2	85.2	91.7	95.7	96.7	98.2	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
700	20.1	79.2	85.2	91.7	95.7	96.7	98.2	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0
600	20.1	79.2	85.2	91.7	95.7	96.7	98.2	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7345

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0300

.1	15.3	15.3	15.5	15.5	15.5	15.5	15.5	15.6	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
.1	15.9	15.9	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
.1	17.2	17.2	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
.1	17.2	17.2	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
.1	17.6	17.6	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
.1	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
.1	17.9	17.9	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
.1	18.4	18.4	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
.1	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
.1	20.7	20.7	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
.2	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
.2	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
.2	24.2	24.2	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
.2	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
.2	43.7	43.9	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
.2	57.2	58.3	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
.3	68.5	70.7	72.2	73.7	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
.3	70.5	73.1	75.0	76.8	76.9	77.0	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
.3	75.3	79.5	82.9	85.3	85.7	86.5	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
.3	77.4	82.1	87.2	90.5	90.8	91.8	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8
.3	78.1	83.4	88.6	91.9	92.4	93.7	94.6	94.6	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.3	78.2	83.7	88.8	92.4	92.8	94.4	95.3	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.3	78.4	84.0	89.2	93.1	93.7	95.3	96.4	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.3	78.5	84.1	89.4	93.5	94.2	95.7	96.9	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
.3	78.5	84.1	89.4	93.7	94.4	96.1	97.2	97.2	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9
.3	78.5	84.2	89.5	94.1	94.7	96.9	98.0	98.0	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.3	78.5	84.2	89.5	94.1	94.7	97.0	98.1	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.3	78.5	84.2	89.5	94.1	94.7	97.0	98.1	98.1	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.3	98.3	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.4	98.4	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0
.3	78.5	84.2	89.5	94.2	94.8	97.2	98.4	98.4	99.3	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

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

GL AL CLIMATOLOGY BRANCH
ETAC
A WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

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	
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	
18.6	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	18.6	
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	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	19.0	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	19.1	19.1	19.1	19.1	
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	19.5	
19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	
20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	
21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	
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	21.5	21.5	
21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	
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	23.2	23.2	
25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	
33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	
44.0	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
56.7	58.0	59.3	59.9	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
66.9	69.3	72.0	72.7	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	
68.4	71.3	74.5	75.3	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	
75.0	79.3	83.7	85.2	85.6	86.5	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
77.6	83.1	88.1	90.0	90.6	91.9	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
78.1	84.1	89.7	91.6	92.6	94.0	94.4	94.4	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
78.3	84.8	90.1	92.1	93.1	94.7	95.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
78.4	84.8	90.3	92.4	93.4	94.9	95.6	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
78.4	84.8	90.3	92.5	93.5	95.1	95.8	95.8	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
78.4	84.8	90.4	92.6	93.7	95.8	96.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
78.5	84.9	90.8	93.1	94.3	96.9	97.8	97.8	98.5	98.8	98.8	98.8	98.8	98.9	98.9	98.9	
78.5	84.9	90.8	93.3	94.4	97.0	97.9	97.9	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0	
78.5	84.9	90.8	93.4	94.5	97.2	98.2	98.2	99.2	99.4	99.4	99.4	99.4	99.7	99.7	99.7	
78.5	84.9	90.8	93.4	94.5	97.4	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.9	99.9	99.9	
78.5	84.9	90.8	93.4	94.5	97.4	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	
78.5	84.9	90.8	93.4	94.5	97.4	98.4	98.4	99.4	99.7	99.7	99.7	99.7	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 889

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

...L PAL CLIMATOLOGY BRANCH
...SAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

...7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

.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	15.9	
.9	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	
.9	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	17.7	
.9	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	
1.0	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	
1.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	
1.0	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	18.4	18.4	
1.0	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	
1.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	
1.3	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	20.6	20.6	
1.3	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1	
1.3	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2	
1.3	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	23.8	23.8	
1.6	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	26.6	26.6	
2.0	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	
2.5	41.3	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	
2.6	53.4	54.5	55.7	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	
2.6	64.7	67.7	70.1	71.0	71.4	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.1	
2.6	66.9	70.5	73.4	74.3	74.9	75.8	75.8	75.8	75.7	75.7	75.7	75.7	75.7	75.8	75.8	
2.6	73.8	78.9	82.6	84.5	85.3	86.7	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2	87.3	
2.6	76.6	82.6	87.2	89.6	90.7	92.3	92.6	92.6	92.9	92.9	92.9	92.9	92.9	93.0	93.2	
2.6	77.1	83.6	88.9	91.5	92.8	95.0	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.9	96.0	
2.6	77.5	84.0	89.2	91.9	93.3	95.4	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.5	
2.6	77.5	84.0	89.2	92.0	93.4	95.5	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.6	96.7	
2.6	77.6	84.1	89.3	92.2	93.5	95.6	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.9	97.0	
2.6	77.6	84.1	89.5	92.4	93.7	96.0	96.7	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.6	
2.6	77.6	84.2	89.8	92.8	94.2	96.4	97.2	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.3	
2.6	77.6	84.2	89.9	92.9	94.3	96.5	97.3	97.5	98.3	98.5	98.5	98.7	98.7	98.8	98.9	
2.6	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.4	98.7	98.7	98.9	98.9	99.0	99.1	
2.6	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.3	99.4	99.6	99.7	
2.6	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.4	99.6	99.8	100.0	
2.6	77.6	84.2	89.9	92.9	94.3	96.5	97.4	97.6	98.7	99.1	99.1	99.4	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 892

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4640 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	≥0	≥0	≥0	≥0	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥	≥
	3.4	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
	3.8	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
	4.0	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
	4.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
	4.3	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
	4.5	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
	4.9	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
	4.9	13.8	13.9	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
	5.1	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
	6.3	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
	6.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	7.4	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
	8.3	23.0	23.0	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
	9.3	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
	10.5	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
	11.6	44.1	44.3	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
	12.6	56.8	57.3	58.6	59.3	59.4	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
	13.3	65.5	66.7	69.7	71.1	71.5	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
	13.4	67.7	69.7	73.4	75.3	75.8	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	13.6	73.4	76.8	82.8	85.9	86.5	87.3	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	13.8	74.3	78.8	85.1	88.8	90.0	91.6	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
	13.6	74.9	79.5	86.1	90.1	91.5	93.2	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	13.8	74.9	79.7	86.3	90.2	91.6	93.5	95.6	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1
	13.6	75.0	79.8	86.7	90.9	92.3	94.3	96.4	96.4	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2
	13.6	75.2	80.0	87.0	91.5	92.8	95.1	97.3	97.3	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1
	13.6	75.2	80.0	87.0	91.6	93.0	95.3	97.5	97.5	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3
	13.6	75.2	80.0	87.0	91.6	93.1	95.8	98.0	98.0	98.5	98.5	98.5	98.9	98.9	98.9	98.9	98.9
	13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
	13.6	75.2	80.3	87.2	91.8	93.3	96.0	98.2	98.2	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2
	13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	99.0	99.0	99.4	99.7	99.9	100.0	
	13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	99.0	99.0	99.4	99.7	99.9	100.0	
	13.6	75.2	80.0	87.2	91.8	93.3	96.0	98.2	98.2	98.8	99.0	99.0	99.4	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 880

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

3.3	3.6	9.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
3.7	9.4	9.4	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
4.2	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.2	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.2	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.2	10.9	10.9	10.9	10.9	10.9	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
4.5	11.6	11.6	11.6	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
4.5	11.7	11.7	11.7	11.7	11.7	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
5.2	12.6	12.6	12.6	12.6	12.6	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8	12.8
6.0	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
6.1	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
6.4	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
7.2	18.5	18.5	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
8.7	23.3	23.4	23.4	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
10.0	29.5	29.9	29.9	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
12.9	40.1	40.7	41.0	41.5	41.5	41.6	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
15.0	52.0	53.5	54.1	55.0	55.1	55.2	55.4	55.4	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8
15.9	64.0	66.1	67.6	69.0	69.2	69.5	69.8	69.8	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1
16.1	65.9	68.8	71.1	73.1	73.4	74.2	74.5	74.5	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9
16.7	71.7	76.2	80.5	83.2	83.7	85.6	86.2	86.3	86.8	86.8	86.8	87.0	87.0	87.0	87.0	87.0
16.7	72.2	77.1	82.2	85.7	86.5	88.3	89.2	89.3	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6
16.7	73.3	78.6	84.0	88.1	89.2	91.2	92.7	92.8	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2
16.7	73.4	78.8	84.2	88.5	89.5	91.6	93.3	93.5	94.6	94.7	94.7	95.0	95.0	95.0	95.0	95.0
16.7	73.4	78.8	84.4	88.9	90.0	92.9	94.7	94.8	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7
16.7	73.5	79.3	85.0	89.8	90.6	93.6	95.6	95.7	97.1	97.3	97.3	97.7	97.7	97.7	97.7	97.7
16.7	73.6	79.7	85.3	90.0	91.0	93.9	96.0	96.2	97.7	98.0	98.0	98.4	98.4	98.4	98.4	98.4
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2	99.2
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.4	98.6	98.6	99.2	99.2	99.2	99.2	99.2
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.4	98.6	98.6	99.4	99.4	99.5	99.5	99.5
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.4	98.6	98.6	99.4	99.5	99.7	99.7	99.7
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.5	98.8	98.8	99.5	99.7	99.9	99.9	99.9
16.7	73.6	79.7	85.3	90.0	91.2	94.6	96.7	96.8	98.5	98.8	98.8	99.5	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	1½	1¼	1	¾	½	¼	⅛	0	
NO CEILING	3.5	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
≥ 22000	3.6	7.7	7.7	7.7	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
≥ 18000	3.9	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 14000	3.8	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
≥ 12000	3.9	9.1	9.1	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
≥ 10000	3.8	9.3	9.3	9.3	9.3	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
≥ 9000	3.9	9.7	9.7	9.7	9.7	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 8000	3.9	9.7	9.7	9.7	9.7	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
≥ 7000	4.7	11.0	11.0	11.0	11.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
≥ 6000	5.2	12.8	12.8	12.8	12.8	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
≥ 5000	5.2	13.9	13.9	13.9	13.9	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
≥ 4500	5.6	15.5	15.5	15.5	15.5	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
≥ 4000	6.3	16.9	16.9	16.9	16.9	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
≥ 3500	7.3	20.4	20.4	20.4	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
≥ 3000	9.3	27.0	27.0	27.0	27.0	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
≥ 2500	10.8	35.8	35.9	36.1	36.3	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8
≥ 2000	13.1	49.7	50.5	51.8	52.3	52.7	52.8	52.9	52.9	52.9	52.9	52.9	53.0	53.0	53.0	53.0
≥ 1800	14.5	60.9	63.9	66.6	67.7	68.1	69.0	69.3	69.3	69.5	69.5	69.5	69.7	69.7	69.7	69.7
≥ 1600	15.0	63.2	66.7	70.4	71.7	72.3	73.4	73.6	73.6	74.0	74.0	74.0	74.2	74.2	74.2	74.2
≥ 1400	15.1	68.1	73.9	78.4	81.4	82.4	84.1	84.6	84.6	85.2	85.2	85.2	85.5	85.5	85.5	85.5
≥ 1200	15.1	69.4	75.5	81.1	84.9	86.3	88.4	89.1	89.1	89.9	89.9	89.9	90.1	90.1	90.1	90.1
≥ 1000	15.1	69.9	76.6	82.8	87.4	89.0	92.0	93.2	93.2	94.3	94.3	94.3	94.5	94.5	94.5	94.5
≥ 900	15.1	70.0	76.7	82.9	87.5	89.1	92.1	93.4	93.4	94.5	94.5	94.5	94.8	94.8	94.8	94.8
≥ 800	15.1	70.2	76.8	83.0	88.0	89.6	92.7	94.1	94.1	95.6	95.6	95.6	95.9	95.9	95.9	95.9
≥ 700	15.1	70.2	77.0	83.6	88.6	90.3	93.5	94.9	94.9	96.5	96.6	96.6	97.2	97.2	97.2	97.2
≥ 600	15.1	70.2	77.0	83.6	89.1	90.8	94.1	95.9	95.9	97.6	97.7	97.7	98.4	98.4	98.4	98.4
≥ 500	15.1	70.2	77.0	83.7	89.3	91.0	94.4	96.4	96.4	98.1	98.2	98.2	98.9	98.9	98.9	98.9
≥ 400	15.1	70.2	77.0	83.7	89.4	91.1	94.6	96.6	96.6	98.5	98.6	98.6	99.3	99.4	99.4	99.4
≥ 300	15.1	70.2	77.0	83.7	89.4	91.1	94.8	96.7	96.7	98.8	98.9	98.9	99.5	99.7	99.8	99.8
≥ 200	15.1	70.2	77.0	83.7	89.4	91.1	94.7	96.8	96.8	98.9	99.0	99.0	99.7	99.8	99.9	99.9
≥ 100	15.1	70.2	77.0	83.7	89.4	91.1	94.7	96.8	96.8	98.9	99.0	99.0	99.8	99.9	100.0	100.0
0	15.1	70.2	77.0	83.7	89.4	91.1	94.7	96.8	96.8	98.9	99.0	99.0	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1900-2000

CEILING (HUNDREDS OF FEET)	VISIBILITY (STATUTE MILES)															
	2½	2	1½	1	¾	½	¼	0	1¼	1½	1¾	2	2½	3	4	5
22000	1.1	13.7	13.9	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	1.1	13.9	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
18000	1.1	15.4	15.6	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
17000	1.1	15.4	15.6	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
16000	1.1	15.5	15.7	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
15000	1.1	15.8	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
14000	1.1	15.9	16.2	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
13000	1.1	15.9	16.2	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
12000	1.1	16.8	16.8	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
11000	1.1	18.4	18.6	18.7	18.7	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
10000	1.1	19.1	19.3	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
9000	1.2	20.4	20.7	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
8000	1.2	21.0	21.2	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
7000	1.5	24.0	24.2	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
6000	1.8	29.1	29.4	29.5	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
5000	1.9	38.0	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
4500	2.2	53.1	54.2	55.3	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
4000	2.4	66.7	69.8	72.3	73.2	73.3	73.8	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
3500	2.4	67.9	71.4	74.5	75.4	75.5	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
3000	2.4	73.1	78.2	83.6	86.2	86.5	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
2500	2.4	74.4	79.9	86.3	89.8	90.2	91.1	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2200	2.4	75.2	81.1	88.1	92.0	92.8	93.7	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
2000	2.4	75.2	81.1	88.1	92.3	93.0	93.9	94.7	94.7	95.1	95.1	95.1	95.2	95.2	95.2	95.2
1800	2.4	75.3	81.3	88.2	92.7	93.6	94.8	95.6	95.7	96.4	96.5	96.5	96.6	96.6	96.6	96.6
1700	2.4	75.3	81.3	88.3	92.9	93.8	95.1	96.1	96.2	97.0	97.1	97.1	97.2	97.2	97.2	97.2
1600	2.4	75.3	81.3	88.3	93.4	94.4	95.8	96.9	97.0	97.8	97.9	97.9	98.0	98.0	98.0	98.0
1500	2.4	75.4	81.4	88.4	93.7	94.7	96.5	97.5	97.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9
1400	2.4	75.4	81.4	88.4	93.7	94.7	96.5	97.6	97.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2
1300	2.4	75.4	81.4	88.4	93.7	94.7	96.6	97.8	97.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6
1200	2.4	75.4	81.4	88.4	93.7	94.7	96.6	97.8	97.9	99.2	99.6	99.6	99.8	99.8	99.8	99.8
1100	2.4	75.4	81.4	88.4	93.7	94.7	96.6	97.8	97.9	99.2	99.6	99.6	99.8	99.8	99.8	99.9
1000	2.4	75.4	81.4	88.4	93.7	94.7	96.6	97.8	97.9	99.2	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 891

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-62 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

VISIBILITY (STATUTE MILES)

CEILING (HUNDREDS OF FEET)																	
	.3	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	15.2
	.5	16.4	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
	.5	17.6	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	17.7
	.5	17.6	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	17.7
	.5	17.7	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
	.5	18.2	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
	.5	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	18.7	18.7	18.7
	.5	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
	.5	19.6	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	19.7
	.5	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
	.5	21.3	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
	.5	22.7	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	23.1
	.5	23.6	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
	.5	26.8	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
	.5	33.4	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
	.8	41.6	42.3	42.8	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
	.9	56.6	58.4	59.8	60.1	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
	.9	69.5	72.6	75.1	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
	1.0	71.3	75.0	77.8	79.2	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
	1.0	75.0	80.5	85.1	87.5	88.0	88.4	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	1.0	76.7	83.0	88.7	91.8	92.2	92.8	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5
	1.0	77.1	83.8	90.0	93.6	94.0	95.0	95.6	95.6	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1
	1.0	77.3	84.0	90.3	94.3	94.7	95.7	96.5	96.5	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1
	1.0	77.3	84.0	90.3	94.3	94.7	96.1	97.0	97.1	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9
	1.0	77.3	84.0	90.4	94.4	94.9	96.3	97.2	97.3	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
	1.0	77.3	84.1	90.7	94.8	95.4	96.7	97.6	97.7	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
	1.0	77.4	84.3	90.9	95.0	95.6	97.4	98.4	98.5	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
	1.0	77.4	84.3	90.9	95.2	95.7	97.5	98.5	98.6	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
	1.0	77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
	1.0	77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
	1.0	77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
	1.0	77.4	84.3	90.9	95.2	95.7	97.5	98.8	98.9	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	2	1 1/2	1 1/4	1	7/8	3/4	5/8	1/2	7/16	3/8	5/16	1/4	3/16	1/8	1/16	0
CEILING UNLIMITED	1.6	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
22000	1.7	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
15000	1.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
12000	1.8	14.9	14.9	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
10000	1.9	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
9000	1.9	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
8000	2.0	15.6	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
7000	2.0	15.8	15.9	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
6000	2.2	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
5000	2.5	18.4	18.4	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
4500	2.8	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	19.2
4000	2.8	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
3500	3.1	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	22.0
3000	3.6	25.4	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
2500	4.3	31.7	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
2000	5.1	41.1	41.6	41.8	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
1800	5.8	54.4	55.8	56.7	57.1	57.2	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
1600	6.2	65.9	68.3	70.7	71.8	72.1	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
1400	6.3	67.7	70.8	73.8	75.2	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
1200	6.4	73.2	77.9	82.5	84.8	85.5	86.5	87.0	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4
1000	6.4	74.8	80.2	85.7	88.9	89.7	91.0	91.7	91.7	92.1	92.1	92.1	92.2	92.2	92.2	92.3
900	6.4	75.5	81.4	87.3	90.8	91.8	93.5	94.4	94.4	94.9	95.0	95.0	95.1	95.1	95.1	95.1
800	6.4	75.6	81.6	87.5	91.1	92.1	93.9	95.0	95.0	95.6	95.7	95.7	95.8	95.8	95.8	95.8
700	6.4	75.7	81.7	87.7	91.5	92.6	94.6	95.7	95.8	96.5	96.6	96.6	96.8	96.8	96.8	96.8
600	6.4	75.7	81.8	87.9	91.9	93.0	95.0	96.3	96.3	97.1	97.2	97.2	97.4	97.4	97.4	97.4
500	6.4	75.8	81.9	88.0	92.2	93.3	95.5	96.8	96.9	97.7	97.8	97.8	98.1	98.1	98.1	98.1
400	6.4	75.8	82.0	88.2	92.5	93.6	96.1	97.5	97.6	98.5	98.6	98.6	98.9	98.9	98.9	98.9
300	6.4	75.8	82.0	88.2	92.5	93.7	96.2	97.6	97.7	98.7	98.9	98.9	99.1	99.1	99.1	99.2
200	6.4	75.8	82.0	88.2	92.6	93.7	96.3	97.7	97.8	98.9	99.1	99.1	99.4	99.4	99.5	99.5
100	6.4	75.8	82.0	88.2	92.6	93.7	96.3	97.8	97.9	99.0	99.3	99.3	99.6	99.7	99.8	99.8
0	6.4	75.8	82.0	88.2	92.6	93.7	96.3	97.8	97.9	99.1	99.3	99.3	99.7	99.8	99.9	100.0
	6.4	75.8	82.0	88.2	92.6	93.7	96.3	97.8	97.9	99.1	99.3	99.3	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7107

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥0	≥½	≥1	≥1½	≥2	≥2½	≥3	≥4	≥5	≥6	≥7	≥8	≥9	≥10
NO CEILING	.5	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
≥ 20000	.5	17.0	17.0	17.2	17.2	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3
≥ 9000	.5	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6
≥ 5000	.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9
≥ 4000	.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9
≥ 3000	.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9
≥ 2500	.5	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	17.9	17.9
≥ 2000	.5	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1
≥ 1800	.5	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.3	18.3	18.3	18.3	18.3	18.3
≥ 1500	.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7
≥ 1200	.5	18.7	18.7	18.8	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9
≥ 1000	.5	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.2
≥ 900	.5	21.7	21.7	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0
≥ 800	.5	24.9	24.9	25.0	25.0	25.0	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2
≥ 700	.5	29.8	29.8	29.9	30.1	30.1	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.3
≥ 600	.5	36.8	37.6	38.1	38.4	38.4	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.6
≥ 500	.7	47.8	50.4	52.3	52.7	52.7	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2
≥ 400	.7	58.1	62.2	65.9	67.4	67.7	68.4	68.9	69.0	69.0	69.0	69.0	69.0	69.0
≥ 300	.7	60.7	64.9	69.0	70.5	70.7	71.7	72.1	72.2	72.2	72.2	72.2	72.2	72.2
≥ 200	.7	66.7	73.0	78.3	80.2	80.7	82.0	82.5	82.6	82.6	82.6	82.6	82.7	82.7
≥ 100	.7	68.5	76.2	82.7	85.0	85.7	87.3	87.9	88.0	88.1	88.1	88.1	88.2	88.2
≥ 000	.7	69.3	77.7	84.9	87.5	88.2	90.5	91.0	91.1	91.5	91.5	91.5	91.6	91.6
≥ 900	.7	69.4	77.9	85.4	88.2	89.1	91.5	92.0	92.1	92.6	92.6	92.6	92.7	92.7
≥ 800	.7	70.1	78.6	86.1	89.5	90.4	93.2	93.8	93.9	94.4	94.4	94.4	94.5	94.5
≥ 700	.7	70.4	78.9	86.4	89.9	90.8	93.7	94.4	94.5	95.1	95.1	95.1	95.2	95.2
≥ 600	.7	70.6	79.2	86.8	90.4	91.4	94.6	95.6	95.7	96.6	96.7	96.7	96.9	96.9
≥ 500	.7	70.6	79.3	87.1	90.8	91.8	95.2	96.2	96.3	97.5	97.8	97.9	98.1	98.1
≥ 400	.7	70.6	79.3	87.1	90.8	91.8	95.3	96.3	96.4	97.8	98.1	98.3	98.6	98.6
≥ 300	.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.1	98.5	98.6	99.2	99.2
≥ 200	.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.3	98.6	98.7	99.5	99.5
≥ 100	.7	70.6	79.3	87.1	90.8	91.8	95.3	96.4	96.5	98.3	98.6	98.7	99.6	99.6
≥ 000	.7	70.7	79.5	87.2	90.9	91.9	95.4	96.5	96.6	98.5	98.8	98.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 915

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

VISIBILITY STATUTE MILES

CEILING (HUNDREDS OF FEET)	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
0	.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
1	.3	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	16.1	16.1
2	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
3	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
4	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
5	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
6	.3	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
7	.3	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	16.6
8	.3	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	17.4	17.4	17.4
9	.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	18.5	18.5
10	.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	19.3	19.3	19.3	19.3
11	.3	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	19.8	19.8	19.8
12	.3	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	21.6	21.6	21.6
13	.3	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	24.6	24.6	24.6
14	.3	29.8	30.0	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
15	.3	37.8	38.0	38.7	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
16	.4	48.6	49.7	51.4	52.2	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
17	.4	59.3	62.1	65.1	66.6	66.9	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
18	.6	61.8	65.0	68.2	69.8	70.0	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
19	.6	66.6	71.9	77.5	80.6	80.9	82.2	82.4	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
20	.6	68.8	74.7	81.6	85.5	85.8	87.2	87.6	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
21	.6	69.2	75.3	82.6	86.8	87.4	89.4	90.2	90.3	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
22	.6	69.6	75.9	83.6	87.9	88.5	90.5	91.3	91.4	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
23	.6	69.9	76.7	85.0	89.6	90.5	92.5	93.6	93.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
24	.6	69.9	76.8	85.6	90.5	91.5	94.2	95.3	95.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
25	.6	69.9	76.8	85.7	90.6	91.7	94.4	95.5	95.7	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
26	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9
27	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.3	98.5	98.5	98.8	98.8	98.9	98.9	98.9	98.9
28	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.1	96.4	98.8	98.8	98.8	98.9	99.4	99.4	99.6	99.6	99.6
29	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.3	96.5	98.9	99.0	99.0	99.6	99.6	99.7	99.8	99.8	99.8
30	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.3	96.5	98.9	99.0	99.0	99.6	99.6	99.7	99.9	99.9	99.9
31	.6	69.9	77.0	85.9	90.9	92.0	94.9	96.3	96.5	98.9	99.0	99.0	99.6	99.6	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

1.1	13.7	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	
1.1	14.3	14.5	14.6	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	
1.1	14.6	14.8	14.9	15.0	15.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	
1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
1.1	14.7	14.9	15.0	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	
1.1	14.8	15.1	15.2	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	
1.1	14.9	15.2	15.3	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	
1.1	15.2	15.4	15.5	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	
1.1	16.5	16.7	16.8	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	
1.1	16.7	16.9	17.0	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	
1.1	17.7	17.9	18.0	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	
1.1	19.6	19.8	20.0	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	
1.1	21.9	22.2	22.4	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
1.1	26.1	27.3	27.3	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	
1.3	32.1	33.6	34.4	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
1.4	45.5	49.1	50.3	51.3	51.3	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
1.4	55.7	60.3	62.7	64.7	64.8	65.6	65.8	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	
1.4	58.3	63.2	65.8	67.8	68.0	69.0	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	
1.4	63.2	71.3	75.1	78.5	78.7	80.3	80.5	80.5	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	
1.4	65.0	74.2	79.6	83.4	83.8	85.7	86.0	86.0	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	
1.4	65.5	75.6	81.7	86.3	86.9	89.1	89.5	89.5	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	
1.4	65.9	76.2	82.3	86.9	87.6	90.0	90.5	90.5	91.6	91.7	91.7	91.9	91.9	91.9	91.9	91.9	
1.4	66.6	77.2	83.4	88.4	89.2	91.7	92.6	92.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1	94.1	
1.4	66.7	77.5	84.0	89.3	90.1	93.0	94.3	94.3	95.9	96.0	96.0	96.2	96.2	96.2	96.2	96.2	
1.4	66.8	77.8	84.2	89.6	90.4	93.3	94.8	94.8	96.4	96.6	96.6	96.9	96.9	96.9	96.9	96.9	
1.4	66.8	77.8	84.3	89.7	90.5	93.6	95.1	95.1	97.1	97.4	97.5	97.9	98.0	98.0	98.0	98.0	
1.4	66.8	77.9	84.4	90.1	90.8	93.9	95.4	95.4	97.6	98.0	98.1	98.6	98.7	98.7	98.7	98.7	
1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.1	98.6	98.7	99.1	99.2	99.2	99.2	99.2	
1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.3	98.7	98.8	99.5	99.6	99.7	99.8	99.8	
1.4	66.8	77.9	84.5	90.4	91.2	94.3	95.9	95.9	98.3	98.7	98.8	99.5	99.6	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 917

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

3.0	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
3.0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
3.0	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.1	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
3.1	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.1	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.2	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.3	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
3.4	10.8	10.8	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
4.4	13.1	13.1	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
4.5	14.5	14.5	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
5.4	16.8	16.8	17.2	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
6.1	17.9	17.9	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.1	22.1	22.1	22.4	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
8.9	31.1	31.1	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7
9.9	39.0	39.5	40.1	40.5	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8
10.3	48.5	49.7	51.1	51.9	51.9	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.5
11.1	58.1	60.4	63.5	64.9	65.1	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.2
11.1	60.9	63.4	67.0	68.9	69.2	70.1	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5
11.3	67.2	70.8	75.8	79.0	80.0	81.4	81.7	81.7	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.3
11.3	67.8	72.9	78.9	82.8	84.0	85.9	86.8	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.5
11.3	68.2	73.9	80.5	85.2	86.6	88.6	89.8	89.8	90.5	90.6	90.6	90.7	90.7	90.7	90.8	
11.3	68.4	74.3	81.4	86.1	87.7	89.9	91.1	91.1	91.8	91.9	91.9	92.0	92.0	92.0	92.1	
11.3	68.9	75.0	82.4	87.8	89.5	92.1	93.4	93.4	94.2	94.3	94.3	94.5	94.5	94.6	94.8	
11.3	68.9	75.1	82.6	88.4	90.2	93.0	94.4	94.4	95.7	95.8	95.8	96.2	96.2	96.3	96.4	
11.4	69.0	75.2	82.8	88.7	90.6	93.7	95.2	95.2	96.7	97.0	97.0	97.4	97.4	97.5	97.6	
11.4	69.0	75.3	83.0	88.9	90.7	94.1	95.7	95.7	97.4	97.8	97.8	98.1	98.1	98.3	98.4	
11.4	69.0	75.3	83.0	88.9	90.7	94.2	95.8	95.8	97.6	98.0	98.0	98.4	98.4	98.5	98.6	
11.4	69.0	75.3	83.0	88.9	90.9	94.4	96.1	96.1	97.8	98.3	98.3	98.6	98.6	98.7	98.8	
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.2	99.5	
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.3	100.0	
11.4	69.0	75.3	83.0	88.9	91.0	94.5	96.3	96.3	98.0	98.5	98.6	99.1	99.1	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 915

GL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible]EATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

3.4	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
3.4	9.6	9.6	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
3.5	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.7	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3.8	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
3.8	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
3.8	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
3.8	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
4.7	11.9	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
5.4	15.0	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
5.4	15.4	15.5	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
6.4	18.0	18.1	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
7.0	19.4	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
8.1	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
8.4	31.5	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.4
12.4	39.8	40.4	40.9	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3
13.3	48.9	50.3	51.8	52.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8
13.5	56.5	61.5	64.5	65.8	65.9	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7
13.5	61.2	64.9	68.7	70.1	70.5	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3
13.6	66.2	72.3	77.0	79.5	80.3	81.5	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2
13.6	67.6	74.6	81.8	84.3	85.4	86.9	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9
13.6	68.5	75.9	82.5	86.8	88.1	89.9	90.7	90.7	91.2	91.4	91.4	91.6	91.6	91.6	91.6	91.6
13.6	68.6	76.1	82.6	86.9	88.2	90.2	90.9	90.9	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0
13.6	68.7	76.2	83.2	88.1	89.6	92.0	93.5	93.6	94.1	94.4	94.4	94.7	94.7	94.7	94.7	94.7
13.6	68.7	76.3	83.5	88.4	89.9	92.4	93.9	94.0	94.9	95.2	95.2	95.6	95.6	95.6	95.6	95.6
13.6	68.8	76.4	83.8	88.8	90.4	93.0	94.8	94.9	95.8	96.3	96.3	96.8	96.8	96.8	96.8	96.8
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.4	95.5	96.5	97.1	97.1	97.9	97.9	97.9	97.9	97.9
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.3	98.3	98.6	98.6	
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.5	98.5	98.8	99.0	
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.8	97.6	97.6	98.6	98.6	98.9	99.2	
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.9	97.7	97.7	98.8	98.8	99.2	100.0	
13.7	68.9	76.5	84.0	89.0	90.7	93.5	95.7	95.8	96.9	97.7	97.7	98.8	98.8	99.2	100.0	

TOTAL NUMBER OF OBSERVATIONS 904

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

3.2	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	
3.3	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	
3.5	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	
3.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	
3.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	
3.6	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
3.6	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
3.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
4.1	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
5.1	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	14.7	14.7	14.7
5.7	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	15.7
6.5	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
6.7	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
7.9	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
9.5	30.1	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
11.0	39.0	39.3	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
11.9	50.0	51.7	51.7	51.9	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
12.3	59.9	62.2	63.8	64.7	65.3	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
12.4	61.5	64.4	66.6	67.5	68.6	69.3	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
12.4	66.2	71.2	75.4	78.2	79.7	80.8	80.9	80.9	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5
12.4	67.4	73.2	78.9	82.6	84.2	85.7	85.9	85.9	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7
12.4	68.4	74.9	81.4	85.7	87.3	89.2	89.8	89.8	90.3	90.5	90.5	90.7	90.7	90.7	90.7	90.7
12.4	68.5	75.0	81.6	85.9	87.5	89.4	90.1	90.1	90.6	90.8	90.8	91.1	91.1	91.1	91.1	91.1
12.4	69.1	75.7	82.6	87.9	89.6	91.9	92.9	92.9	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2
12.4	69.3	76.1	83.0	88.7	90.4	92.6	93.9	93.9	94.6	95.0	95.0	95.3	95.3	95.3	95.3	95.3
12.4	69.3	76.1	83.0	89.0	90.6	92.9	94.4	94.4	95.3	95.8	95.8	96.2	96.2	96.2	96.2	96.2
12.4	69.4	76.1	83.1	89.2	91.2	93.5	95.1	95.1	96.0	96.4	96.4	97.0	97.0	97.1	97.1	97.1
12.4	69.4	76.1	83.1	89.2	91.2	93.5	95.1	95.1	96.1	96.7	96.8	97.7	97.7	97.8	97.9	97.9
12.4	69.4	76.1	83.1	89.2	91.2	93.6	95.2	95.2	96.3	96.9	97.0	98.3	98.3	98.5	98.8	98.8
12.4	69.5	76.2	83.3	89.3	91.3	93.8	95.4	95.4	96.7	97.2	97.3	99.0	99.0	99.3	99.6	99.6
12.4	69.5	76.2	83.3	89.3	91.3	93.8	95.4	95.4	96.7	97.2	97.3	99.0	99.0	99.6	99.9	99.9
12.4	69.5	76.2	83.3	89.3	91.3	93.8	95.4	95.4	96.7	97.2	97.3	99.0	99.0	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

.5	12.2	12.4	12.4	12.4	12.5	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.9	
.5	12.9	13.1	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.4	13.5	
.5	13.4	13.6	13.6	13.6	13.7	13.8	13.8	13.8	13.8	13.8	14.0	14.0	14.0	14.0	14.1	
.5	13.6	13.8	13.8	13.8	14.0	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.3	
.5	13.6	13.8	13.8	13.8	14.0	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.3	
.5	13.7	14.0	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.4	
.5	13.7	14.0	14.0	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.4	
.5	13.8	14.1	14.1	14.1	14.2	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.5	
.5	14.4	14.6	14.6	14.6	14.7	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	15.1	
.5	16.6	16.8	16.8	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.3	
.7	17.4	17.6	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	17.9	18.0	
.8	18.9	19.1	19.1	19.1	19.2	19.3	19.3	19.3	19.3	19.3	19.5	19.5	19.5	19.5	19.6	
.9	20.9	21.1	21.1	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.5	
.9	24.6	24.9	24.9	24.9	25.1	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.4	
.9	29.8	30.3	30.3	30.4	30.5	30.8	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9	31.0	
.9	37.9	38.7	39.0	39.2	39.3	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	39.8	
1.0	51.0	52.5	53.6	54.1	54.2	54.7	54.7	54.7	54.8	54.8	54.9	54.9	54.9	54.9	55.1	
1.0	60.1	63.3	65.7	66.7	66.9	67.9	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.4	
1.0	62.4	65.9	68.5	69.6	69.9	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2	71.3	
1.1	68.6	73.1	76.8	78.2	78.9	80.9	81.3	81.3	81.9	81.9	82.0	82.0	82.0	82.0	82.1	
1.1	69.7	75.3	80.5	83.1	83.8	86.3	86.9	86.9	87.7	87.7	87.8	87.8	87.8	87.8	87.9	
1.1	70.3	76.5	83.2	86.3	87.3	90.1	90.9	90.9	91.9	91.9	92.0	92.0	92.0	92.0	92.1	
1.1	70.4	76.8	83.7	86.9	87.9	91.0	91.8	91.8	92.7	92.7	92.9	93.0	93.0	93.0	93.1	
1.1	70.7	77.4	84.3	88.0	89.0	92.6	93.8	93.8	94.9	94.9	95.1	95.2	95.2	95.2	95.3	
1.1	70.9	77.9	84.9	88.9	90.0	93.8	95.1	95.1	96.3	96.3	96.4	96.5	96.5	96.5	96.6	
1.1	71.0	78.0	85.1	89.0	90.1	94.1	95.3	95.3	96.6	96.6	96.7	96.8	96.8	96.8	96.9	
1.1	71.1	78.1	85.3	89.3	90.5	94.5	95.7	95.7	97.6	97.7	97.8	97.9	97.9	98.1	98.2	
1.1	71.1	78.1	85.3	89.5	90.7	94.6	95.9	95.9	98.0	98.1	98.2	98.5	98.5	98.7	98.8	
1.1	71.1	78.1	85.3	89.7	90.9	94.8	96.2	96.2	98.2	98.6	98.7	98.9	98.9	99.1	99.2	
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.5	99.5	99.7	99.8	
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.6	99.6	99.8	100.0	
1.1	71.1	78.1	85.3	89.7	90.9	94.9	96.4	96.4	98.5	98.9	99.1	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 910

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES															
	≥10	9	8	7	6	5	4	3½	3	2½	2	1½	1¼	1	¾	½
≥22000	.4 15.5	15.7	15.7	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
20000	.4 16.4	16.6	16.6	16.7	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
18000	.4 17.2	17.4	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
17000	.4 17.6	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
16000	.4 17.6	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
15000	.4 17.6	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
14000	.4 17.8	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
13000	.4 17.6	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
12000	.4 17.8	18.1	18.1	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
11000	.4 18.3	18.5	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
10000	.4 19.1	19.3	19.3	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
9000	.4 20.3	20.6	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
8000	.4 22.2	22.7	22.7	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
7000	.4 26.7	27.2	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
6000	.4 30.3	30.9	30.9	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
5000	.6 38.8	40.1	40.4	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
4500	.6 50.4	52.9	53.6	54.2	54.2	54.4	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
4000	.6 59.8	63.8	65.5	67.3	67.5	68.3	68.8	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	
3500	.6 62.3	66.5	68.5	70.7	71.0	71.8	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
3000	.6 69.1	75.4	78.9	81.7	82.2	83.0	83.8	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	
2500	.6 71.6	78.9	83.1	86.5	87.0	87.9	88.7	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
2000	.6 72.0	80.1	85.0	88.7	89.5	90.9	92.2	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
1800	.6 72.1	80.4	85.7	89.4	90.3	91.6	93.0	93.1	93.6	93.6	93.6	93.6	93.6	93.6	93.6	
1700	.6 72.6	80.9	86.6	90.5	91.4	93.4	94.8	95.0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	
1600	.6 72.7	81.3	86.9	91.2	92.1	94.2	95.7	95.9	96.7	96.8	96.8	96.8	96.8	96.8	96.8	
1500	.6 72.7	81.3	87.3	91.6	92.5	94.8	96.5	96.7	97.6	97.7	97.7	97.7	97.7	97.7	97.7	
1400	.6 72.7	81.7	87.9	92.2	93.1	95.6	97.6	97.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1	
1300	.6 72.7	81.7	87.9	92.3	93.2	95.7	97.7	97.9	98.8	99.1	99.1	99.3	99.3	99.3	99.3	
1200	.6 72.7	81.7	87.9	92.3	93.2	95.7	97.7	97.9	98.8	99.2	99.3	99.6	99.6	99.6	99.6	
1100	.6 72.7	81.7	87.9	92.3	93.2	95.7	97.8	98.0	98.9	99.3	99.4	99.7	99.7	99.7	99.8	
1000	.6 72.7	81.7	87.9	92.3	93.2	95.7	97.8	98.0	98.9	99.3	99.4	99.8	99.8	99.9	100.0	
0	.6 72.7	81.7	87.9	92.3	93.2	95.7	97.8	98.0	98.9	99.3	99.4	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 4540 ADAK NAS AK 73-82 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

VISIBILITY STATUTE MILES

1.5	12.5	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	
1.6	13.0	13.1	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	
1.6	13.5	13.6	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	
1.6	13.7	13.8	13.9	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	
1.7	13.8	13.9	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	
1.7	13.9	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	
1.7	14.0	14.0	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	
1.7	14.1	14.1	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	
1.8	14.6	14.7	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	
2.2	16.4	16.5	16.6	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	
2.3	17.1	17.2	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	
2.7	18.7	18.8	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	
2.9	20.3	20.4	20.5	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	
3.3	23.8	24.1	24.1	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	
3.9	29.8	30.2	30.4	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	
4.6	37.6	38.4	38.9	39.1	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4	
5.1	48.8	50.7	52.0	52.6	52.6	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
5.1	58.7	62.0	64.6	66.0	66.3	67.0	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	
5.1	61.1	64.8	67.8	69.4	69.8	70.6	70.8	70.8	70.9	70.9	70.9	71.0	71.0	71.0	71.0		
5.2	66.7	72.4	76.9	79.5	80.2	81.5	81.9	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3		
5.2	68.3	75.0	80.6	84.1	85.0	86.6	87.2	87.2	87.6	87.7	87.7	87.8	87.8	87.8	87.8		
5.2	68.9	76.2	82.7	86.7	87.7	89.7	90.5	90.6	91.2	91.3	91.3	91.4	91.4	91.4	91.5		
5.2	69.1	76.6	83.3	87.3	88.3	90.5	91.3	91.4	92.1	92.2	92.2	92.3	92.3	92.3	92.4		
5.2	69.6	77.2	84.2	88.7	89.9	92.4	93.6	93.6	94.5	94.5	94.6	94.7	94.7	94.7	94.8		
5.2	69.7	77.5	84.6	89.4	90.6	93.4	94.6	94.7	95.8	95.9	95.9	96.1	96.1	96.1	96.1		
5.2	69.8	77.6	84.8	89.7	91.0	93.9	95.3	95.3	96.6	96.8	96.8	97.1	97.1	97.1	97.1		
5.2	69.8	77.7	85.1	90.0	91.3	94.4	95.9	95.9	97.4	97.7	97.7	98.1	98.1	98.2	98.2		
5.2	69.8	77.8	85.1	90.1	91.4	94.5	96.0	96.1	97.6	98.0	98.1	98.5	98.5	98.6	98.7		
5.2	69.8	77.8	85.1	90.1	91.5	94.6	96.2	96.2	97.9	98.3	98.4	99.0	99.0	99.1	99.2		
5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.3	98.0	98.5	98.6	99.3	99.3	99.5	99.6		
5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.3	98.0	98.5	98.6	99.4	99.4	99.6	99.9		
5.2	69.8	77.8	85.1	90.2	91.5	94.6	96.3	96.4	98.1	98.5	98.6	99.4	99.4	99.6	100.0		

TOTAL NUMBER OF OBSERVATIONS 7273

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 4540 ADAK NAS AK 73-82 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

1.8	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
1.9	8.8	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	9.0
2.1	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.0
2.1	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
2.2	9.9	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
2.2	10.1	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
2.3	10.4	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
2.4	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8
2.6	11.3	11.4	11.4	11.4	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
3.0	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
3.1	13.4	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.7
3.4	14.4	14.5	14.5	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
3.7	15.6	15.7	15.7	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
4.1	17.9	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
5.0	22.5	22.8	22.9	23.0	23.0	23.1	23.0	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1
6.1	29.9	30.4	30.7	30.8	30.9	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
7.2	39.9	41.1	41.8	42.1	42.2	42.2	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
8.2	51.2	53.5	55.2	55.8	56.0	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
8.4	54.5	57.2	59.3	60.1	60.3	60.7	60.8	60.8	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0
8.8	62.8	67.3	71.0	72.8	73.2	73.9	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
8.9	65.9	71.6	76.4	78.8	79.4	80.4	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
8.9	68.4	75.0	80.8	84.0	84.8	86.2	86.9	87.0	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
8.9	69.0	75.8	81.9	85.3	86.2	87.7	88.5	88.5	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3
9.0	69.7	76.9	83.4	87.2	88.2	90.0	90.9	90.9	91.6	91.7	91.7	91.8	91.8	91.8	91.8	91.9	
9.0	70.1	77.6	84.5	88.5	89.6	91.5	92.5	92.6	93.4	93.5	93.5	93.6	93.6	93.7	93.7		
9.0	70.5	78.1	85.3	89.6	90.7	92.9	94.0	94.1	95.0	95.1	95.2	95.3	95.3	95.3	95.4		
9.0	70.7	78.5	86.0	90.6	91.8	94.3	95.6	95.7	96.8	97.1	97.1	97.3	97.3	97.4	97.4		
9.0	70.8	78.7	86.3	91.0	92.3	94.9	96.3	96.4	97.6	97.9	97.9	98.2	98.2	98.3	98.3		
9.0	70.8	78.7	86.4	91.2	92.5	95.1	96.6	96.8	98.1	98.4	98.5	98.8	98.9	98.9	99.0		
9.0	70.8	78.7	86.4	91.3	92.6	95.3	96.9	97.0	98.4	98.8	98.9	99.3	99.4	99.5	99.6		
9.0	70.8	78.7	86.4	91.3	92.6	95.3	96.9	97.0	98.5	98.9	99.0	99.5	99.6	99.7	99.9		
9.1	70.9	78.8	86.4	91.3	92.6	95.4	96.9	97.0	98.5	99.0	99.0	99.6	99.6	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 86386

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — 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	1.2			14.7						25.0	59.2	9.6	921
	03-05	2.0			12.6						28.0	57.4	8.6	920
	06-08	1.2			12.3						26.5	60.0	9.8	910
	09-11	.1			9.1						33.5	57.2	9.0	919
	12-14	.1			7.0						37.3	55.5	9.1	913
	15-17	.2			9.1						34.2	56.5	9.0	912
	18-20	.4			11.5						31.7	56.4	8.8	924
	21-23	1.5			12.9						28.0	57.6	9.7	919
TOTALS		.8			11.2						30.5	57.5	9.8	7338

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

704540	ADAK NAS AK	73-82	FEB
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
FEB	00-02	1.0			11.1						29.0	59.0	8.8	839
	03-05	1.2			8.9						25.4	64.6	9.0	836
	06-08	1.0			8.1						34.7	56.2	9.0	836
	09-11	.5			6.6						39.5	53.5	9.1	836
	12-14	.6			7.0						39.8	52.6	9.1	840
	15-17	.7			6.4						38.4	54.5	9.1	833
	18-20	.7			7.9						29.4	62.0	9.1	837
	21-23	1.0			10.6						28.7	59.7	8.9	832
TOTALS		.8			8.3						33.1	57.8	9.0	6689

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

SKY COVER

7[illegible]540	ADAK NAS AK	73-82	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	.7			7.2						28.9	63.2	9.1	916
	03-05	.4			8.7						28.8	62.0	9.1	919
	06-08	.1			5.8						37.4	56.7	9.2	916
	09-11	.1			6.1						38.7	55.1	9.2	915
	12-14				4.8						39.9	55.3	9.3	917
	15-17				3.9						36.8	59.3	9.4	921
	18-20				5.1						36.0	58.9	9.3	915
	21-23	.4			6.6						29.9	63.1	9.2	914
TOTALS		.2			6.0						34.6	59.2	9.2	7333

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 4540 | ADAK NAS AK | 73-82 | APR
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	1.0			6.5						24.6	67.9	9.2	893
	03-05	.7			5.5						25.8	68.0	9.3	892
	06-08	.7			3.4						32.2	63.6	9.4	892
	09-11				3.3						36.7	60.0	9.4	891
	12-14				2.7						35.8	61.5	9.5	889
	15-17	.1			3.3						36.6	60.0	9.4	878
	18-20				2.7						35.3	62.0	9.5	892
	21-23	.8			6.0						26.8	66.4	9.2	887
TOTALS		.4			4.2						31.7	63.7	9.4	7114

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 4540 | ADAK NAS AK | 73-82 | MAY
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	.3			4.1						18.9	76.7	9.5	923
	03-05				3.2						21.6	75.3	9.6	918
	06-08				2.7						28.2	69.1	9.5	918
	09-11				2.1						30.4	67.5	9.6	917
	12-14				3.1						32.6	64.4	9.5	918
	15-17				2.4						33.7	63.9	9.5	917
	18-20	.1			2.4						32.4	65.1	9.5	921
	21-23				3.7						23.2	73.1	9.5	923
TOTALS		.1			3.0						27.6	69.4	9.5	7355

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SKY COVER

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — PERIOD
JUN — 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	.4			2.5						11.4	85.7	9.7	894
	03-05	.1			1.4						12.8	85.7	9.8	883
	06-08				1.9						18.0	80.0	9.7	887
	09-11				2.6						21.4	76.0	9.6	884
	12-14	.1			3.8						31.3	64.8	9.4	888
	15-17				3.7						32.7	63.6	9.4	888
	18-20	.1			3.8						26.4	69.7	9.5	898
	21-23	.2			1.9						15.5	82.4	9.7	892
TOTALS		.1			2.7						21.2	76.0	9.6	7114

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

74540 ADAK NAS AK 73-82 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	.2			3.3						10.6	85.2	9.6	922
	03-05	.3			2.9						12.9	83.8	9.6	921
	06-08				2.7						18.7	78.5	9.6	923
	09-11	.1			4.0						24.2	71.7	9.5	921
	12-14				7.5						29.8	64.8	9.3	914
	15-17	.1			5.0						28.4	66.4	9.4	921
	18-20	.3			2.8						26.5	70.4	9.5	922
	21-23	.5			2.8						15.3	81.4	9.6	918
TOTALS		.3			3.6						20.8	75.3	9.5	7362

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

SKY COVER

7...4540 | ADAK NA... AK | 77-82 | AUG
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		
A...	00-...	.			4.2						12.2	83.	9.5	920
	-0...	.1			3.4						14.3	82.2	9.6	918
	0...-0...				1.5						21.7	76.8	9.7	918
	...-11	.2			4.3						20.7	74.7	9.5	921
	1...-14	.1			3.5						27.3	69.1	9.5	917
	1...-17	.4			4.1						23.9	71.6	...4	921
	1...-20	.3			3.6						20.9	75.2	9.5	927
	2...-23	.7			3.5						12.4	83.4	9.6	916
TOTALS		. .			3.5						19.2	77.0	.5	7356

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

7145 C	ADAK NAS AK	73-82	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	1.7			10.2						25.2	62.9	8.9	892
	03-05	2.0			10.2						24.1	63.6	8.8	883
	06-08	.2			7.3						33.9	58.6	9.1	891
	09-11	.1			5.4						36.7	57.8	9.2	884
	12-14				5.5						38.3	56.2	9.2	888
	15-17				7.2						39.0	53.8	9.1	893
	18-20	.1			7.7						36.0	56.2	9.1	894
	21-23	.9			9.7						26.7	62.7	9.0	893
TOTALS		.6			7.9						32.5	59.0	9.1	7115

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

SKY COVER

7 4540 | ADAK NAS AK | 73-82 | OCT
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	1.2			13.3						34.1	51.4	8.6	924
	03-05	1.4			14.1						29.4	55.1	8.5	918
	06-08	.1			9.6						40.5	49.8	8.9	919
	09-11				7.9						42.9	49.1	9.0	920
	12-14				5.7						48.1	46.2	9.1	918
	15-17				6.8						45.2	48.0	9.1	916
	18-20				11.2						40.1	48.8	8.8	921
	21-23	.3			12.5						35.3	51.9	8.7	923
TOTALS		.4			10.1						39.5	50.0	8.9	7359

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

4640 | ADAK NAS AK | 73-82 | NOV
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	1.5			12.4						36.4	49.7	9.6	893
	03-05	1.0			14.9						33.9	53.2	9.5	893
	06-08	1.2			13.5						35.2	50.1	9.6	896
	09-11	.2			7.5						46.5	45.8	9.0	883
	12-14				7.0						43.7	49.3	9.1	887
	15-17	.1			6.3						41.5	52.1	9.1	890
	18-20	.4			12.0						36.5	51.1	9.8	893
	21-23	1.1			12.6						36.4	49.9	9.6	888
TOTALS		.7			10.8						38.4	50.2	9.8	7123

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 4540 | ADAK NAS AK | 73-82 | DEC
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
DEC	00-02	2.6			13.0						27.3	57.0	8.6	915
	03-05	2.0			11.8						29.8	56.5	8.7	910
	06-08	1.3			11.5						30.5	56.7	8.8	921
	09-11	.2			6.7						37.1	56.0	9.1	916
	12-14				6.7						39.1	54.2	9.1	906
	15-17	.1			6.9						37.4	55.6	9.1	898
	18-20	.4			11.4						31.2	57.0	8.8	913
	21-23	2.0			13.0						25.9	59.2	8.6	911
TOTALS		1.1			10.1						32.3	56.5	8.9	7290

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

704540	ADAK NAS AK	73-82	ALL
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	.6			11.2						30.5	57.5	8.8	7338
FEB		.9			8.3						33.1	57.8	9.0	6689
MAR		.2			6.0						34.6	59.2	9.2	7333
APR		.4			4.2						31.7	63.7	9.4	7114
MAY		.1			2.0						27.6	69.4	9.5	7355
JUN		.1			2.7						21.2	76.0	9.6	7114
JUL		.2			3.6						20.8	75.3	9.5	7362
AUG		.3			3.5						19.2	77.0	9.5	7356
SEP		.6			7.9						32.5	59.0	9.1	7115
OCT		.4			10.1						39.5	50.0	8.9	7359
NOV		.7			10.8						38.4	50.2	8.8	7123
DEC		1.1			10.1						32.3	56.5	8.9	7290
TOTALS		.5			6.8						30.1	62.6	9.2	86548

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.

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
25540 ADAK NAS AK 43-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75	-	-	-	-	-	-	-	.1	.1	-	-	-	.0
70	-	-	-	-	-	-	.3	.9	-	-	-	-	.1
65	-	-	-	-	.1	.2	2.3	4.4	.3	-	-	-	.6
60	-	-	-	-	.	1.2	9.8	16.5	2.3	.2	-	-	2.6
55	-	-	.2	.1	1.2	6.6	35.2	57.8	22.9	2.2	.6	.1	10.6
50	.2	.2	.5	1.9	7.5	38.4	83.5	96.9	79.5	21.5	3.4	.6	28.3
45	4.5	3.0	5.4	16.8	47.7	90.7	99.8	100.0	99.7	69.5	19.1	5.6	47.3
40	23.6	22.9	43.6	72.9	95.9	99.9	100.0		100.0	97.9	66.2	32.4	71.7
35	72.8	72.9	87.3	97.3	99.9	100.0				100.0	96.2	78.8	92.2
30	96.2	96.0	98.8	99.9	100.0						100.0	98.9	99.2
25	99.9	99.6	100.0	100.0								100.0	100.0
20	100.0	100.0											100.0
MEAN	36.8	36.8	38.7	41.4	44.7	48.8	53.6	55.8	52.2	46.5	41.2	37.8	44.5
S D	4.176	4.016	3.883	3.508	3.391	3.685	4.355	4.252	3.396	3.683	4.090	4.070	7.613
TOTAL OBS	1209	1099	1209	1170	1209	1200	1240	1240	1199	1209	1186	1240	14410

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

2

GL BAL CLIMATOLOGY BRANCH
USAFETAC
A[illegible]EATHER SERVICE/MAC
7 4540 ADAK NAS AK 43-82
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

"INIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥ 5	.	.	.	.	.	.	.6	2.3	.2	.	.	.	.3
≥ [illegible]	.	.	.	.	.	.2	6.4	19.0	3.6	.3	.	.	2.5
≥ 4[illegible]	.	.	.	.1	.1	5.8	47.9	79.0	47.1	5.3	.7	.	15.6
≥ [illegible]	2.0	.[illegible]	.4	2.8	15.5	71.7	95.7	97.9	88.0	39.8	7.7	2.4	35.9
≥ 3[illegible]	18.1	11.3	16.0	36.2	76.8	98.[illegible]	99.8	99.8	98.7	83.5	41.5	19.1	58.7
≥ [illegible]3	32.7	26.9	34.5	63.5	91.2	99.4	100.0	100.0	99.4	91.1	61.7	37.3	70.2
≥ [illegible]	55.1	50.8	65.8	88.3	97.7	99.9	.	.	99.9	97.8	83.1	61.2	83.5
≥ 2[illegible]	78.6	78.4	89.2	98.5	99.8	100.0	.	.	100.0	99.9	95.6	85.4	93.9
≥ 20	93.5	92.2	97.4	100.0	100.0	.	.	.	.	100.0	98.7	95.7	98.2
≥ 15	98.4	97.5	99.7	.	.	.	.	.	.	.	99.6	99.0	99.6
≥ 1[illegible]	99.8	99.5	100.0	.	.	.	.	.	.	.	100.0	99.9	99.9
≥ [illegible]	100.0	99.9	.	.	.	.	.	.	.	.	.	100.0	100.0
≥ [illegible]	.	100.0	.	.	.	.	.	.	.	.	.	.	100.0
MEAN	29.2	28.6	30.4	33.3	36.5	40.6	44.5	46.8	43.8	38.3	33.3	30.2	36.3
S D	6.033	5.802	4.552	3.381	3.033	2.631	3.161	3.392	3.615	4.094	4.714	5.436	7.521
TOTAL OBS	1209	1099	1209	1170	1209	1200	1240	1240	1199	1209	1186	1240	14410

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

2

GL BAL CLIMATOLOGY BRANCH
AFETAC
A[illegible] EATHER SERVICE/MAC
[illegible]454[illegible] ADAK NAS AK 43-62
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

YEAR

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
≥5								.2					.0
[illegible]							1.2	2.4	.2				.3
5						.1	7.3	15.1	2.2	.1			2.1
[illegible]					.6	5.0	40.0	71.1	31.2	2.3	.3		12.6
4[illegible]	.4	.1	.1	1.2	9.2	53.7	96.0	99.4	91.2	29.1	4.0	.6	32.6
40	8.5	4.5	8.0	25.4	67.7	98.7	100.0	100.0	99.8	81.4	29.5	10.1	53.3
3[illegible]	41.1	38.0	56.9	84.8	99.2	100.0			100.0	99.2	79.0	50.0	79.3
[illegible]	77.8	80.0	90.7	99.2	100.0					100.0	97.5	85.2	94.3
25	96.5	95.4	99.3	100.0							99.7	98.7	99.2
2[illegible]	99.8	99.9	100.0								100.0	99.9	100.0
1[illegible]	100.0	100.0										100.0	100.0
MEAN	33.2	32.9	34.8	37.5	40.8	44.9	49.3	51.5	48.2	42.6	37.5	34.2	40.6
S D	4.665	4.416	3.769	3.099	2.783	2.726	3.303	3.319	2.931	3.510	4.002	4.342	7.319
TOTAL OBS	1209	1099	1209	1170	1209	1200	1240	1240	1199	1209	1136	1240	14410

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7 4640 ADAK NAS AK 43-02
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43						4	63	66	59	53	45	40	
44	37*	42	45	42	46	54	60	66*	64	52	49	44	66
45	40	43	42	32	51	54	64	60	58	60	54	52	64
46	42	41	4	41	46	56	69	64	62	57	48	48	69
47	32	42	47	45	48	6	63	63	75	53	48	44	75
48	39	40	46	50	48	51	60	64	68	53	48	44	68
49	42	47	47	46	52	62	60	69	55	51	54	46	69
50	46	40	43	46	47	62	70	67	55	50	51	55	70
51	40	46	44	49	47	56	62	63	56	52	49	47	63
52	49	45	47	48	56	56	56	65	56	54	46	47	65
53	42	39	4	47	47	59	60	71	57	52	48	40	71
54	40	42	45	48	49	56	65	66	62	52	48	53	66
55	40	47	45	46	49	53	66	63	56	55	46	45	66
56	47	48	49	46	46	54	66	75	57	59	46	44	75
57	46	45	47	48	51	52	57	63	57	51	46	49	63
58	44	42	45	46	48	56	63	67	58	59	45	43	67
59	40	43	41	48	51	50	62	65	66	55	45	48	66
60	45	42	42	43	46	52	61	61	63	61	51	41	63
61	42	42	43	53	54	57	65	61	60	54	54	45	65
62	47	47	47	56	58	65	72	64	60	54	45	41	72
63	47	41	46	50	52	56	69	70	61	54	50	42	70
64	44	41	48	47	65	58	64	61	61	60	54	47	65
65	46	46	47	52	51	60	68	66	59	52	55	46	68
66	42	44	49	50	52	54	54	65	64	53	50	45	65
67	46	43	51	53	57	63	69	68	59	55	55	46	68
68	50	43	45	47	54	56	65	60	58	56	46	51	65
69	50	50	48	47	51	54	64	74	59	52	51	39	74
70	42	44	46	47	51	58	58	69	58	53	57	54	69
71	40	48	49	48	55	59	57	68	64	*	51	47	
72	42	42	45	50	59	59	62	60	58	51	49	45	62
MEAN													
S.D.													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

CL BAL CLIMATOLOGY BRANCH
2 ETAC
EATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

7 4[illegible] ADAK NAS AK — 43-82

STATION — STATION NAME — YEARS

HOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73	47	43	5[illegible]	45	46	62	6[illegible]	65	56	58	50	47	65
74	[illegible]1	45	47	45	49	60	66	63	54	57	47	44	66
75	4[illegible]	41	39	44	45	[illegible]4	61	60	55	57	45	46	61
76	42	41	43	44	5[illegible]	5[illegible]	56	57	52	48	46	43	58
77	[illegible]0	38	41	46	52	58	59	61	57	55	48	42	61
7[illegible]	4[illegible]	38	43	46	49	56	59	61	57	53	52	45	61
7[illegible]	41	42	44	47	53	67	66	64	65	52	52	49	67
8[illegible]	44	44	45	43	49	59	68	63	59	54	52	43	68
81	3[illegible]	43	44	51	53	59	68	74	61	57	52	47	74
8[illegible]	47	54	57	51	52	5[illegible]	62	66	58	53	55	44	66
MEAN	43.[illegible]	43.5	4[illegible].4	47.6	51.0	57.1	6[illegible].4	65.0	59.4	54.3	49.5	45.8[illegible]	66.8
S.D	3.[illegible]24	3.362	3.347	3.092	4.301	3.912	3.96[illegible]	4.107	4.259	2.984	3.471	3.747[illegible]	4.081
TOTAL OBS	120[illegible]	1099	1209	117[illegible]	1209	1200	1240	1240	1199	1209	1186	124[illegible]	14813

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN [illegible] OBS)

CL SAL CLIMATOLOGY BRANCH
AFLTAC
A F EATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7 4 40 STATION ADAK NAS AK STATION NAME 43-72 YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43						3[illegible]	37	40	39	34	25	22	
44	20*	19	22	26	29	37	40	43*	38	34	26	22	* 19
45	2	19	19	29	32	36	42	42	35	29	29	18	18
46	17	13	11	29	28	35	39	38	36	28	23	15	11
47	16	12	16	22	34	32	40	42	35	28	30	18	12
48	16	16	26	32	32	37	40	42	34	30	29	23	16
49	15	21	21	24	28	34	38	40	36	32	18	18	15
50	27	22	2[illegible]	26	29	37	40	44	35	32	22	19	19
51	1	28	25	24	34	36	37	40	38	34	29	24	13
52	23	16	18	26	34	36	38	43	32	35	23	14	14
53	15	19	2[illegible]	26	29	37	42	42	39	3[illegible]	19	13	13
54	1	15	19	29	33	35	40	39	39	31	22	19	15
55	17	17	29	27	3[illegible]	37	38	41	36	29	30	25	17
56	29	26	23	27	3[illegible]	37	39	4[illegible]	39	31	23	22	22
57	29	11	15	29	34	36	40	43	32	33	25	2[illegible]	11
58	16	14	28	28	31	35	38	38	26	31	23	22	13
59	20	17	13	28	34	37	39	41	41	29	28	17	13
60	21	13	29	24	33	37	42	45	39	31	23	2[illegible]	13
61	2[illegible]	23	18	27	29	35	36	42	39	29	23	2[illegible]	19
62	16	17	29	26	37	37	42	45	34	27	19	25	13
63	21	22	24	26	25	35	38	33	37	34	24	19	19
64	14	3	22	21	28	37	37	40	33	28	16	2[illegible]	3
65	14	6	23	28	28	3[illegible]	41	43	34	29	26	10	6
66	19	16	22	24	29	36	39	35	36	26	27	2[illegible]	16
67	9	6	18	25	34	37	42	40	35	26	23	13	6
68	21	22	21	22	31	37	42	36	35	22	19	26	19
69	13	21	24	28	3[illegible]	3[illegible]	41	40	32	32	12	14	12
70	14	16	16	26	34	35	40	40	35	36	25	22	12
71	21	6	13	22	2[illegible]	29	33	37	37	*	16	13	
72	17	20	18	26	3[illegible]	32	40	37	31	3[illegible]	13	17	13
MEAN													
S D													
TOTAL OBS													

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 DES)

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

EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

...MC STATION ADAK NAS STATION NAME 43-72 YEARS

HALF DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
73	1[illegible]	1[illegible]	1[illegible]	26	29	31	36	[illegible]1	3[illegible]	32	26	19	[illegible]
74	24	22	24	29	31	33	4[illegible]	42	35	3[illegible]	29	12	1[illegible]
75	[illegible]	19	15	29	31	3[illegible]	3[illegible]	4[illegible]	34	33	3[illegible]	1[illegible]	[illegible]
76	19	22	22	32	3[illegible]	31	34	43	35	2[illegible]	18	11	11
77	17	18	21	24	32	3[illegible]	42	4[illegible]	38	32	24	[illegible]	17
7[illegible]	[illegible]	16	14	30	2[illegible]	3[illegible]	42	41	36	31	27	24	14
7[illegible]	[illegible]	26	17	24	26	4[illegible]	[illegible]1	42	35	31	19	[illegible]	[illegible]
[illegible]	1[illegible]	11	25	25	32	37	4[illegible]	37	37	27	17	1[illegible]	1[illegible]
[illegible]	11	1[illegible]	23	[illegible]0	31	3[illegible]	[illegible]9	37	3[illegible]	31	24	[illegible]	11
[illegible]	16	25	24	31	2[illegible]	[illegible]	37	41	32	34	25	17	16
MEAN	17.3	16.9	20.6	26.3	30.5	35.6	39.2	4[illegible].6	39.5	3[illegible].5	23.5	1[illegible].6	13.1
S D	[illegible].137	5.967	4.631	2.698	3.01[illegible]	2.43[illegible]	2.224	2.942	2.624	2.864	4.656	4.471	4.[illegible]62
TOTAL OBS	1[illegible]	1099	1209	1170	1209	1200	1240	1240	1199	1209	1186	124[illegible]	14[illegible]10

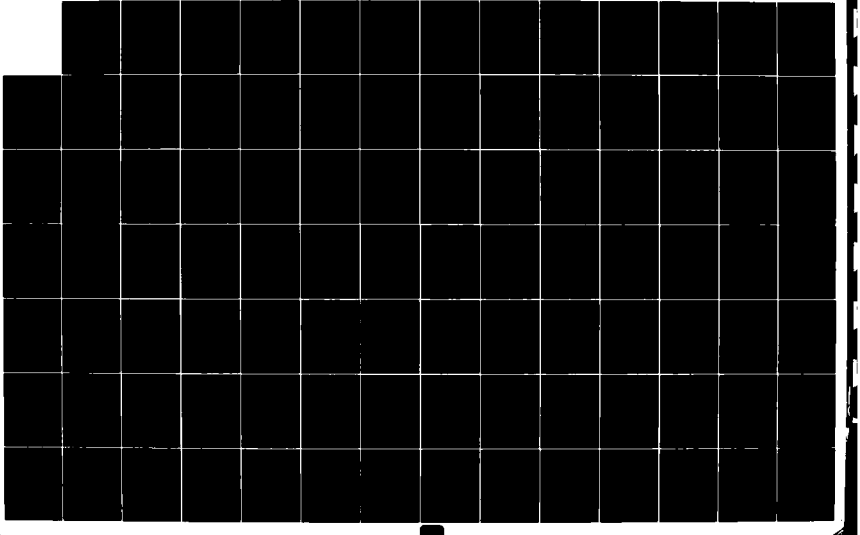
NOTES # (BASED ON LESS THAN FULL MONTHS)

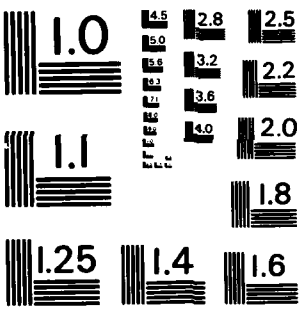
USAF ETAC FORM AA 64 0-88-5 (OLA)

& (AT LEAST ONE DAY LESS THAN 24 OBS)

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83

UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2 NL





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

CL AL CLIMATOLOGY BRANCH
ETAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4640 STATION — ANAK AA, AK STATION NAME — 73-82 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./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 45		.1	.2															3	3		
4/ 43		.4	.1															5	5	4	
/ 41	.3	1.3	.5															20	20	6	2
/ 39	.5	1.7	.5															24	24	21	14
/ 37	4.0	3.3	2.1	.1														67	67	55	39
/ 35	2.7	7.2	3.5	1.6														138	138	74	44
3 / 33	2.3	14.3	4.5	.1														210	210	169	48
/ 31	1.5	9.1	5.2	.4														150	150	157	127
/ 29	1.9	4.8	3.8															96	96	144	152
/ 27	.4	5.	1.1															60	60	98	93
/ 25	.5	4.6	1.2															60	60	67	82
/ 23	.6	1.5	.2															23	23	43	65
21 / 21	.7	1.4																19	19	28	73
/ 19	.5	.8																12	12	16	87
/ 17		.7																6	6	8	41
/ 15	.1	.3																4	4	5	24
/ 13		.3	.1															4	4	3	16
1 / 11																				2	7
/ 9																				1	8
/ 7																					1
- / -3																					1
T L	15.7	56.6	2-.3	2.3															921		9.1
																		921		921	

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.	6198953	74773	81.2	11.627	921							
Dry Bulb	9673e5	29497	32.0	4.963	921		43.8					93
Wet Bulb	668223	27902	30.3	4.991	921		59.8					93
Dew Point	695408	28589	26.7	6.527	921	.1	78.2					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4742 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
JAN — MONTH

PAGE 1 — 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 45			.2															2	2		
4 / 43		.1	.3															4	4		
2 / 41	.2	1.1	.5															17	17	7	
40 / 3	1.3	1.4	1.1		.1													36	36	26	17
1 / 37	3.1	3.3	2.0															83	83	56	42
1 / 35	2.9	6.9	3.6	1.4														137	137	69	47
3 / 33	2.5	13.2	5.6	.4														201	201	155	42
2 / 31	3.4	8.3	5.2	.6														162	162	168	126
/ 2	2.3	5.5	3.3	.2														104	104	158	134
2 / 27	1.0	4.3	1.5															63	63	173	98
/ 25	.5	3.5	.7															43	43	76	101
2 / 23	.5	1.2	.2															18	18	48	65
2 / 21	.2	1.3	.1															15	15	19	73
/ 1	.3	1.0																12	12	15	71
1 / 17	.3	.9																11	11	11	33
1 / 15		.3	.2															5	5	7	25
1 / 13	.1	.4																5	5	4	16
1 / 11	.3																	3	3	7	13
/																					9
/ 7																					7
/ 3																					2
TOTAL	19.1	52.6	25.2	2.8	.1														921		921
																		921		921	

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.	614848	74610	81.0	12.279	921							
Dry Bulb	968176	29866	32.4	5.116	921		48.5					93
Wet Bulb	679949	27879	30.3	5.112	921		61.4					63
Dew Point	693587	28505	26.6	6.723	921	.2	78.1					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ 46			.1															1	1		
41 - 45		.3	.2															5	5		
36 - 40		.9	.4															12	12	6	
31 - 35	2.1	1.2	.8	.1														38	38	26	21
26 - 30	2.5	3.2	2.1															71	71	44	31
21 - 25	3..	7.4	4.4	1.1														144	144	69	45
16 - 20	4.3	11.7	5.2	.7														198	198	142	50
11 - 15	2.5	9.6	6.6	.6														175	175	139	130
6 - 10	1.2	5.6	4.5	.1														106	106	136	111
1 - 5	1.5	4.4	1.5															68	68	122	117
-4 - 0	.4	.4	..															31	31	72	91
-9 - -5	.1	1.5	.1															16	17	35	7.
-14 - -10	.4	1.1																14	14	17	57
-19 - -15	..	1.1																13	13	1o	78
-24 - -20		.4																4	4	6	46
-29 - -25																				2	24
-34 - -30		.6																5	5	1	17
-39 - -35	.4	.2																6	6	8	6
-44 - -40	.1																	1	1	3	4
-49 - -45		.1																1	1		4
-54 - -50																				1	3
-59 - -55																					3
≤ -60																					1
TAL	19.3	51.9	26.5	2.5															910		909
																		909		909	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6051340	73330	80.7	12.226	909							
Dry Bulb	957555	29167	32.1	4.998	910		45.1					93
Wet Bulb	856328	27520	30.3	5.050	909		62.4					93
Dew Point	681491	24135	26.6	6.693	909		78.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 4540 ADAK NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4 / 45			.3															3	3		
44 / 43		.3																3	3	1	
/ 41	.1	1.6	.3															19	19	9	1
40 / 39	1.1	2.0	.9	.7														42	42	26	16
7 / 37	3.7	2.9	3.3	.3														93	94	54	48
/ 35	3..	6.3	4.7	1.4														159	159	94	45
3 / 33	4.7	9.6	6.9	.5														199	200	170	66
/ 31	3.2	4.4	7.6	.5														189	189	175	141
2 / 2	.8	4.8	4.4	.2														93	93	141	105
/ 27	1.3	3.1	1.1	.1														51	51	123	97
/ 25	.5	2.3	.4															30	30	66	89
/ 23	.4	.5																9	9	32	56
21 / 21	.3	.9																11	11	12	15
/ 19	.3	.1																4	4	8	67
/ 17	.1	.1																2	3	2	33
/ 15	.1	.1																2	2	2	27
1 / 13																					6
1 / 11	.1																	1	2	1	7
10 / 9	.1																	1	2	1	1
/ 7	.1																	1	1	1	1
/ 5																					1
TOT	20.1	46.2	29.3	3.8															917		917
																		912		912	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6.61424	73364	80.5	13.110	912							
Dry Bulb	1008017	3 137	32.9	4.491	917		40.3					93
Wet Bulb	825802	26296	31.0	4.430	912		57.7					43
Dew Point	713847	24881	27.3	6.203	912		75.1					23

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4542 ADAK NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 49		.1																1	1		
4/ 43		.7	.3															9	9	3	1
/ 41		1.6	1.2	.1														27	27	9	4
/ 3	1.5	1.4	3.1	.7	.1													62	62	34	17
/ 37	4.	6.1	3.6	1.4														139	139	69	46
/ 35	4.9	10.8	5.6	3.	.1													233	233	136	68
3 / 33	1.8	7.9	.3	1.8														190	180	191	78
2/ 31	2.	.4	5.0	.9														156	156	169	124
/ 2	.3	2.3	2.3	.9														52	52	147	119
/ 7	.8	1.	.8															31	31	95	1
/ 25	1.1	1.	.1															20	20	98	86
/ 23	.2	.1																3	3	11	69
/ 21																				1	76
/ 1																					48
/ 17	.1																	1	1	1	32
1 / 15																					14
1 / 13																					10
1 / 11																					1
TOTAL	1. 64	2.33	2.3	3.5	.2														914		914
																		914		914	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5512057	71747	78.5	13.648	914							
Dry Bulb	1094133	31455	34.4	3.568	914		26.8					93
Wet Bulb	960590	29426	32.2	3.806	914		48.0					93
Dew Point	753092	25670	28.1	5.933	914		71.2					93

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

GL[illegible]BAL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible]EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-4540 STATION | AJAX NAS AK STATION NAME | 73-82 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~4~~ / 45		.2	.1															2	3		
~~4~~ / 43		~~1.1~~	~~.1~~															~~11~~	~~11~~	5	2
~~4~~ / 4[illegible]		1.3	.6			.1	.1											16	16	11	3
~~4~~ / 3[illegible]	~~1.2~~	~~1.4~~	~~1.7~~															~~39~~	~~39~~	~~22~~	~~16~~
~~4~~ / 37	3.5	4.5	4.5	.3														117	117	62	55
~~4~~ / ~~35~~	~~3.3~~	~~10.0~~	~~6.4~~	~~1.1~~														~~186~~	~~190~~	~~97~~	~~66~~
3~~4~~ / 33	2.1	11.9	7.[illegible]	1.3														2[illegible]3	204	135	63
~~4~~ / 31	~~1.4~~	~~9.3~~	~~7.4~~	~~.8~~														~~176~~	~~177~~	~~170~~	~~131~~
~~4~~ / 2[illegible]	.1	2.5	4.5	.6														79	79	142	105
~~4~~ / ~~27~~	~~.2~~	~~3.2~~	~~1.7~~	~~.1~~														~~47~~	~~47~~	~~139~~	~~119~~
[illegible] / 25	.7	1.3	.1															19	19	78	82
2~~4~~ / ~~23~~		~~.6~~																~~5~~	~~5~~	~~19~~	~~79~~
2~~4~~ / 21		.3																3	3	5	~~1~~
~~4~~ / ~~1~~		~~.1~~																~~1~~	~~1~~	~~2~~	~~60~~
1~~4~~ / 17																				1	37
~~1~~ / ~~15~~																					~~19~~
1~~4~~ / 13																					9
~~1~~ / ~~11~~																					~~4~~
[illegible] / [illegible]																					1
~~TOTAL~~	~~12.6~~	~~49.0~~	~~34.0~~	~~4.2~~		~~.1~~	~~.1~~												~~911~~		~~98~~
																		908		905	

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.	~~574,683~~	71274	~~78.5~~	~~12.762~~	908							
Dry Bulb	~~1[illegible]8533~~	30721	33.7	3.718	911		33.8					~~93~~
Wet Bulb	~~519318~~	26662	31.6	4.008	908		53.9					~~93~~
Dew Point	717685	24021	27.4	6.088	908		78.8					~~93~~

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NAS AK 73-82 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 4		.4	.1															5	5	1	
4/ 43		.3																3	3	3	3
/ 41		1.2	.2															14	14	7	
/ 3	.9	1.7	1.5															36	3E	26	15
7 / 37	3.4	4.1	2.6	.2														95	95	55	37
/ 35	3.5	5.3	4.1	.9														164	164	90	61
3 / 33	2.11	2.7	4.9	.4														145	165	171	99
2/ 31	1.31	1.6	4.8	.5														159	159	173	142
/ 2	1.1	6.9	4.7	.1														109	109	129	113
/ 27	.6	6.0	1.7															78	78	103	116
/ 25	.4	3.8	.7															45	45	108	83
/ 23	.2	.3	.1															6	6	38	61
2/ 21	.2	.9																10	10	9	34
/ 1		.5																5	5	6	71
/ 17	.1	.5																6	6	4	37
1 / 15		.1																1	1	5	22
1 / 13																					19
1 / 11																					6
/																					3
/ 7																					1
TAL	13.95	8.5	25.5	2.2															923		923
																		923		923	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6119476	74356	80.6	11.848	923							
Dry Bulb	1000125	30117	32.6	9.347	923		42.2					93
Wet Bulb	893956	28426	30.8	9.481	923		58.1					93
Dew Point	712809	24993	27.1	6.253	923		76.9					93

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

GL BAL CLIMATOLOGY BRANCH
USAFETAC
AT[illegible] EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 4540 — STATION
AGAK NAS AK — STATION NAME
63-66 — YEARS
JAN — MONTH

PAGE 1 — 2100-2700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 45		.1	.1															[illegible]	2	1	
[illegible] / 43		.4	.1															5	5	1	1
[illegible] / 41		1.2	.2															13	13	7	[illegible]
[illegible] / [illegible]	.9	1.8	1.3															37	37	18	13
[illegible] / 37	3.3	3.[illegible]	2.9	.2														[illegible]7	87	57	39
[illegible] / 35	2.6	9.8	4.2	1.3														165	165	76	38
3[illegible] / 33	3.2	11.6	5.2	.2														1[illegible]6	186	197	o7
[illegible] / 31	1.5	8.4	5.7	.[illegible]														15[illegible]	15[illegible]	136	137
[illegible] / 2[illegible]	1.6	4.2	3.8	.2														91	91	1[illegible]	12[illegible]
[illegible] / 27	1.1	5.9	1.3															76	76	99	95
[illegible] / 25	.9	3.5	1.0															49	49	1[illegible]1	71
[illegible] / 23	.5	3.2	.2															36	36	52	67
2[illegible] / 21	.4	.8																11	11	27	8[illegible]
[illegible] / 1[illegible]	.1	.7																7	7	6	[illegible]2
[illegible] / 17		.2																[illegible]	2	4	3[illegible]
[illegible] / 15		.1																1	1	[illegible]	[illegible]0
[illegible] / 13		.1																1	1	1	1[illegible]
1[illegible] / 11																				1	[illegible]
[illegible] / [illegible]																					4
[illegible] TAL	16.1	55.1	26.1	2.7															[illegible]19		919
																		919		919	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6145879	74341	80.9	17.000	919							
Dry Bulb	980851	29725	32.3	8.597	919		42.9					
Wet Bulb	877055	28067	30.5	8.652	919		56.9					
Dew Point	701241	24715	26.9	6.313	919		76.8					

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

GLOBAL CLIMATOLOGY BRANCH
USETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 4940 — STATION
OAK NA, AK — STATION NAME
73-82 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
9 / 48		.1	.2															20	20	2	
49 / 47		.5	.2															45	45	17	7
/ 41	.1	1.2	.	.0		.0	.0											138	138	62	12
/ 38	1.2	1.5	1.4	.2	.													316	316	196	132
/ 37	3.5	3.8	3.0	.3														772	773	453	347
/ 36	3.2	5.7	4.7	1.5	.0													1329	1330	695	394
7 / 33	2.4	11.6	6.1	.7														1562	1564	1390	473
24 / 31	2.1	5.2	6.0	.7														1317	1318	1340	1066
/ 29	1.2	4.6	3.3	.3														733	739	1127	967
/ 27	.9	4.2	1.3	.1														474	474	852	835
/ 25	.6	2.8	.6															297	297	636	665
/ 2	.4	1.1	.1															116	117	27	523
21 / 21	.3	.8	.															43	43	110	599
/ 1	.2	.5																54	54	73	574
/ 17	.1	.4																32	33	37	290
1 / 15	.	.1	.0															13	13	23	193
1 / 13	.	.2	.0															2	10	9	111
1 / 11	.1	.0																10	11	19	93
1 / 9	.1																	2	3	5	26
/ 7	.0	.0																2	2	1	14
/ 5																				1	3
/ 3																					4
/ 1																					1
/ -1																					2
/ -3																					1
TAL	16.3	51.6	28.2	3.6	.0	.0	.0												7336		7327
																		7327		7327	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	41300857	5.7815	80.2	12.490	7327							
Dry Bulb	2525555	240305	32.8	4.581	7336		319.5					744
Wet Bulb	7139218	226179	30.9	4.634	7327		458.3					744
Dew Point	5669070	198404	27.1	6.363	7327	.3	608.9					744

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

2

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

PSYCHROMETRIC SUMMARY

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
FEB — MONTH

PAGE 1 0000-0230 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL O.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
4/ 93			.5															5	5		
2/ 41		.4	.6															8	8	1	
1/ 37		1.0	1.0															16	16	8	
3/ 33	1.6	4.1	2.0	.1														65	65	32	17
7/ 35	4.3	7.5	4.2	.8														141	141	95	46
3/ 33	3.[illegible]	12.8	4.2	.6														172	172	135	61
2/ 31	3.3	8.7	7.0	.6														195	195	155	1[illegible]
/ 29	2.1	5.4	3.9															96	96	125	109
2/ 27	2.[illegible]	4.2	1.6															65	65	119	98
/ 25	1.2	3.2	1.6															52	52	79	69
2/ 23	.4	1.9	.1															20	20	41	63
2/ 21	.7	1.1	.2															17	17	28	72
/ 19	.4	.7																9	9	12	60
1/ 17	.1	.2																3	3	3	46
1/ 15		.1																1	1	2	29
/ 13	.1																	1	1	1	20
1/ 11	.1																	1	1	1	4
/ 9	.1																	1	1	1	4
/ 7																					1
TOTAL	19.5	51.2	27.2	2.1															838		838
																		838		838	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 47 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	5596235	67715	80.8	12.196	838							
Dry Bulb	965168	26658	31.8	8.525	838		83.2					84
Wet Bulb	773907	25187	30.1	8.491	838		57.8					58
Dew Point	612581	22077	26.3	6.082	838		71.6					72

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 4640 — STATION
ADAK NAS, AK — STATION NAME
73-82 — YEARS
FEB — MONTH

PART 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
47			.6															5	5		
41			.3	.1														8	8		
7	.1	1.7	.7															21	21	9	1
37	1.2	3.8	2.4	.1														63	63	35	13
39	4.1	3.9	3.5	.5														141	141	82	32
33	3.2	10.9	4.3	.5														158	159	156	93
31	4.7	4.[illegible]	5.5	.2														166	166	147	106
29	2.4	3.4	4.[illegible]	.1														82	82	125	119
27	1.7	5.3	1.6															71	71	98	86
[illegible]	.4	3.[illegible]	1.9															51	51	78	78
23	.8	2.[illegible]	.1															27	26	45	51
21	1.1	1.9	.4															28	28	40	66
19	.1	.5	.1															6	6	12	23
17		.2																2	2	4	46
15		.1																1	1	2	26
13	.1	.1																2	2	1	9
11	.1																	1	1	2	13
	.1																	1	1	1	5
7																					3
[illegible]																					1
TAL	20.	52.	32.	6.3	1.6													832		834	832

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	561764	67614	81.3	12.175	832							
Dry Bulb	655236	26422	31.7	4.685	834		44.0					84
Wet Bulb	765842	24944	30.0	4.654	832		55.5					84
Dew Point	610878	21932	26.4	6.277	832		71.3					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NAS, AK 73-62 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 ~~3600-0600~~ HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47 43			.4															3	3		
44 41		.1	1.0															6	9		
1 / 39	.4	1.8	.6	.1														24	24	10	3
2 / 37	2.4	3.3	2.0	.4														68	68	45	18
7 / 35	3.3	7.8	3.7	.6														129	129	65	34
3 / 33	4.3	9.2	4.7	.5														156	156	159	53
7 / 31	2.5	9.6	5.9	.1														151	151	123	107
4 / 29	1.8	6.0	4.5	.2														105	105	136	127
7 / 27	1.5	3.9	1.0															56	56	113	101
4 / 25	.6	4.3	1.7															55	55	72	66
1 / 23	.7	2.9	.9															34	34	48	46
24 21	1.3	1.4	.1															24	24	45	61
7 / 19	.4	1.0																11	11	14	51
4 / 17	.1	.6																6	6	9	51
1 / 15	.1	.4																4	4	3	28
2 / 13	.1																	1	1	4	14
1 / 11																					14
4 / 9																					4
7 / 7																					4
TOTAL	1.1	952	326	0	1.9														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.	5596436	67598	80.9	12.213	836							
Dry Bulb	750198	26350	31.5	4.653	836		48.9					84
Wet Bulb	760593	28891	29.8	8.831	836		56.3					84
Dew Point	602962	21790	26.1	6.876	836		71.8					84

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4560 ADAK NAS, AK 63-67 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 91				.1														1	1		
/ 45			.1															1	1	1	
47 43			1.2	.2														13	13	1	
/ 41		.4	1.2	.1														14	14		
/ 39	.6	2.4	1.4	.6	.1													43	43	24	7
/ 37	3.	4.9	2.2	.8	.1													90	90	62	25
/ 35	3.4	8.4	5.3	1.1														171	151	90	37
3 / 33	.4	9.3	5.1	.5														143	154	153	71
/ 31	3.	8.6	3.7	.4														173	173	177	115
/ 29	1.7	4.0	4.3	.4														86	87	150	97
/ 27	1.7	2.5	1.1															41	41	113	106
/ 25	.7	2.9	.7															35	35	58	71
/ 23	.2	1.2	.4															15	15	25	81
/ 21	.5	.5	.4															11	11	12	72
/ 19	.2	.5																6	6	9	56
/ 17	.1																	1	1	3	29
/ 15		.1																1	1		15
/ 13																				1	10
1 / 11																					5
/ 9																					4
/ 7																					1
TOT	1 .1	8 .5	32.2	4.	.2														827		635
																		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.	54867.7	665.5	79.7	2.823	835							
Dry Bulb	926891	2765.7	33.	4.419	837		37.1					84
Wet Bulb	218429	2585	31.	4.379	835		51.1					84
Dew Point	645440	22652	27.1	6.090	835		67.3					84

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

2

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

PSYCHROMETRIC SUMMARY

...4140 ADAK NAS AK 72-82 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
~~52~~					.1													1	1		
~~51~~					.1													1	1		
47				.1														1	1		
~~46~~		.1	.1	.2	.1													5	5	1	
45		.2	1.	.6														10	10	5	1
~~41~~	.1	.5	2.3	.2														20	20	5	5
3	.9	2.1	3.5	1.1														63	63	19	6
~~37~~	3.5	6.8	4.5	3.1	.1													101	101	67	31
35	2.1	7.7	6.	1.7														147	147	100	53
~~33~~	2.0	9.5	9.2	2.0														162	162	156	82
31	2.4	7.5	6.	1.4														145	145	143	136
~~24~~	.6	2.6	2.6															51	51	151	93
27	.7	1.7	1.5	.1														34	34	91	95
~~26~~	.7	.5	.2															12	12	44	91
23		.6																5	5	15	75
~~21~~				.1														1	1	4	72
1																				1	63
~~17~~																					23
15																					14
~~13~~																					7
11																					4
~~																					2
TOTAL	13.2?	.836	.910.6	.5														~~640~~	~~840~~	~~841~~	

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.	~~507.408~~	~~64266~~	~~76.5~~	~~13.676~~	~~840~~							
Dry Bulb	~~101.095~~	~~29059~~	~~38.6~~	~~3.910~~	~~840~~		~~28.8~~					~~28~~
Wet Bulb	~~79.221~~	~~26.75~~	~~32.1~~	~~3.893~~	~~840~~		~~88.2~~					~~88~~
Dew Point	~~66.728~~	~~23182~~	~~27.6~~	~~5.675~~	~~840~~		~~66.8~~					~~66~~

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

2

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

PSYCHROMETRIC SUMMARY

...46 ...AK NAS, AK — ...-... — FEB
STATION — STATION NAME — YEARS — MONTH

PAGE 1 ...-17...
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47				.1														1	1		
/ 45			.1	.4														4	4		
/ 43			.5	.6	.7													15	15	1	
/ 41			.2	2.4	.6													27	27	7	1
/ ...	1.2	2.5	3.2	.2														11	11	2.	12
/ 37	3.5	3.7	4.8	2.6	.1													123	123	9.	27
/ 35	1.7	8.3	4.	2.3														137	137	95	4
/ 33	1.3	10.8	9.3	.3														145	145	155	7
/ 31	2.6	7.1	7.0	.														154	154	155	139
/ 2	.6	4.2	3.1	.1														67	67	153	92
/ 27	.6	2.2	1.4															35	35	95	69
/ 25	.1	1.4	1.2															23	23	43	32
/ 23	.1	.4																4	4	22	7
21 / 21		.6																5	5	9	7
/																				4	52
/ 17																					35
/ 15																					15
/ 13																					14
1 / 11																					4
T ...	1.0	42.1	36.3	8.8	.1														831		831
																		871		871	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5.57013	63285	76.9	13.250	831							
Dry Bulb	9753.1	28275	34.2	3.993	831		29.1					14
Wet Bulb	645695	26299	31.6	4.618	831		48.6					89
Dew Point	644319	22607	27.2	5.942	831		69.6					89

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

2

GL AL CLIMATOLOGY BRANCH
SAFETAC
A EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

454 ADAK NAS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
47		.2	.4	.1														6	5		
41		.4	1.4	.4														18	18	2	
5	.4	1.9	1.6															32	32	15	4
37	1.8	2.5	1.0	.5														55	55	48	16
33	4.2	1.4	3.5	.9														154	158	93	44
53	2.8	10.9	5.9	.5														168	168	156	70
31	.0	9.7	6.2	.8														157	157	139	137
28	2.0	5.0	4.3	.4														98	98	145	101
27	1.6	3.1	2.6															61	61	103	30
25	.1	4.4	.5															45	45	59	8
23	.5	1.7	.5															22	22	55	17
21	.2	1.2	.1															13	13	22	75
1		.2																2	2	7	84
17	.1	.1																2	2	3	95
15																					26
15																					13
11																					5
																					2
7																					1
TOTAL	15.8	52.1	28.7	3.5															837		837
																		837		837	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	463043	66451	79.9	12.163	837							
Dry Bulb	895748	27114	32.4	4.283	837		40.1					84
Wet Bulb	795756	25558	30.5	4.317	837		53.3					84
Dew Point	625743	22311	26.7	6.092	837		30.2					84

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

2

CL AL CLIMATOLOGY BRANCH
ETAC
A EATH R SERVICE/ AC

PSYCHROMETRIC SUMMARY

[illegible] ADAK NAS AK 73-82 FEB
STATION STATION NAME YEARS 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
[illegible] / 45			.1															1	1		
[illegible] 43		.1	.1	.2														4	4		
[illegible] / 41	.1	.6	1.	.1														17	17	6	2
[illegible] / 39	.4	1.4	1.1															24	24	9	6
[illegible] / 37	1.1	3.0	1.3	.1														49	49	43	11
[illegible] / 35	3.4	1.6	4.3	.7														156	156	63	34
[illegible] / 33	3.7	10.6	4.8	1.														168	168	164	66
[illegible] / 31	1.	.4	5.6	.7														147	147	129	143
[illegible] / 29	1.9	6.1	4.6															134	134	138	67
[illegible] / 27	1.3	4.4	1.3															64	64	114	38
[illegible] / 25	1.1	3.5	1.0															46	46	81	75
[illegible] / 23	.4	2.1	.5															24	24	41	79
[illegible] / 21	.4	.8	.5															14	14	24	76
[illegible] / 19	.1	.5																5	5	12	45
[illegible] / 17	.4	.1																4	4	4	58
[illegible] / 15		.1																1	1	2	27
[illegible] / 13	.2																	2	2	2	15
[illegible] / 11																					7
[illegible] / [illegible]																					0
[illegible] TAL	1.	75	3.5	26.9	2.9														832		832
																		832		832	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	549180	66246	80.3	11.993	832							
Dry Bulb	669333	26633	32.1	4.495	832		41.5					64
Wet Bulb	7753.9	25122	30.2	4.497	832		55.2					64
Dew Point	611643	21969	26.4	6.162	832		71.8					84

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

2

L AL CLIMATOLOGY BRANCH
FETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 ADAK NAS AK 73-82 FEB
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 55					•													1	1		
4/ 51					•	•												2	2		
/ 47				•														2	2		
4 / 45			•	•	•	•												11	11	2	
4/ 43		•	1	•	2													56	66	5	1
/ 41	•	0	•	3	1	3	•	2										127	127	21	6
/ 3	•	5	1	9	1	5	•	3	•									274	274	126	39
/ 37	2	3	4	•	2	6	•	4	•	•								664	664	436	164
/ 35	3	3	8	7	4	3	1	1										1162	1162	643	333
/ 33	3	•	10	4	5	9	•	8										1342	1348	1246	532
/ 31	2	8	8	8	6	6	•	6										1256	1258	1128	1038
/ 2	1	7	4	6	3	9	•	1										689	693	1136	723
/ 27	1	4	3	4	1	6	•	0										427	427	816	745
/ 25	•	6	3	•	1	1												319	319	534	652
/ 23	•	4	1	6	•	3												149	150	295	530
2/ 21	•	5	•	9	•	2												113	113	191	540
/ 1	•	1	•	4	•													79	39	71	474
/ 17	•	1	•	2														18	18	26	340
1 / 15	•	0	•	1														9	9	9	165
1 / 13	•	1	•															6	6	9	115
1 / 11	•	0																2	2	3	54
	•	0																2	2	2	46
/ 7																					11
/ 5																					1
TOTL	16	94	30	1	8	4	•	1											6685		6681
																		6661		6661	

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.	4334.076	53136.0	79.5	12.712	6661							
Dry Bulb	7255970	216148	32.6	4.532	6635		338.8					672
Wet Bulb	64148.1	214861	30.7	4.468	6681		422.5					672
Dew Point	50222.0	178520	26.7	6.148	6661		658.6					672

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

2

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

PSYCHROMETRIC SUMMARY

...4-40 — STATION
ADAK NAS, AK — STATION NAME
...-62 — YEARS
...A — MONTH

PAGE 1 — ...00-02... HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31					
5 / 55		.1																1	1		
54 / 54		.1																1	1	2	1
/ 51																					
/ 49		.3																3	3	1	
/ 47		.1																1	1	3	
4 / 45		.2																2	2	1	1
47 / 43		.4																4	4	7	
/ 41		.7	.2															3	3	3	5
/ 39	.7	.6	1.4	.3														46	46	19	6
/ 37	4.4	5.7	2.2	.1														113	113	74	44
/ 35	3.8	17.0	3.6	.1														224	225	112	66
3 / 33	.2	13.1	5.0	.3														197	197	225	76
/ 31	2.6	7.4	3.9	.2														139	139	162	142
/ 29	.3	3.6	2.4	.1														66	66	142	136
/ 27	.3	2.4	1.0															47	47	68	120
/ 25	.3	2.6	1.0															44	44	60	73
/ 23	.5	.9	.1															14	14	30	66
21 / 21	.3	.4																7	7	16	59
/ 19	.5	.4																9	9	11	31
/ 17																					12
/ 15																					14
/ 13																					12
1 / 11																					4
TTL	16.7	60.2	21.7	1.2															916		916	916

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.	6393.17	75891	82.9	10.733	916							
Dry Bulb	1041774	30534	33.4	4.345	916		32.3					93
Wet Bulb	943806	29116	31.8	4.475	916		47.7					93
Dew Point	783254	26220	28.6	5.980	916		72.0					93

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

2

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

PSYCHROMETRIC SUMMARY

[illegible] STATION A AK NAT AK STATION NAME 73-82 YEARS MAR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 53		.1																1	1	1	
[illegible] / 51																					1
[illegible] / 47		.1																1	1		
[illegible] / 45																				1	
47 / 43		.5	.1															6	6	2	2
[illegible] / 41	.2	1.1	.1															13	13	6	2
[illegible] / 39	1.1	2.2	1.4	.1														44	44	22	14
[illegible] / 37	3.8	6.[illegible]	2.3															111	111	71	45
[illegible] / 35	3.0	15.9	5.0		.2													222	222	113	63
[illegible] / 33	2.3	14.[illegible]	5.4	.1														204	204	231	63
[illegible] / 31	2.[illegible]	6.6	4.4															119	119	154	170
[illegible] / 29	1.0	4.0	2.6	.3														73	73	115	159
[illegible] / 27	.9	3.4	1.6															53	53	77	89
[illegible] / 25	.3	2.5	.9															34	34	61	78
[illegible] / 23	.7	.9																14	14	33	72
[illegible] / 21	.4	.5																9	9	16	52
[illegible] / 19	.3	.7																9	9	7	40
[illegible] / 17	.3	.3																6	6	9	30
[illegible] / 15																				1	20
[illegible] / 13																					15
1 / 11																					6
[illegible] / [illegible]																					1
TOTAL	14.2	58.9	24.2	.5	.2													919		919	
																		919		919	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6[illegible]38511	75661	82.3	10.915	919							
Dry Bulb	1[illegible]34137	30561	33.3	8.409	919		32.1					9[illegible]
Wet Bulb	934032	29[illegible]62	31.[illegible]	8.523	919		47.9					63
Dew Point	768337	25943	28.3	6.060	919		72.1					[illegible]

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

GL AL CLIMATOLOGY BRANCH
LTAC
A CATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

7 4840 — STATION
ADAK NAS AK — STATION NAME
63-32 — YEARS
MAR — MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
4/ 43	.1	.4	.1	.1														7	7	3	
/ 41		1.3	.3															15	15	6	3
/ 39	1.	3.2	1.3															47	47	26	13
/ 37	3.9	7.2	3.3	.2														135	135	75	47
/ 35	4.3	1.2	4.7	.4														179	179	127	72
3 / 33	2.3	5.3	6.2	.2														220	220	173	92
/ 31	1.5	6.8	3.5															108	108	142	104
/ 29	1.1	4.4	3.6	.2														85	85	118	113
/ 27	.7	3.4	1.1															47	47	72	117
/ 25	.2	2.7	.2															29	29	66	30
/ 23	.8	1.4																21	20	37	67
2/ 21	.7	.2																8	8	12	57
/ 19	.3	.2	.1															5	5	3	55
/ 17	.2	.4																6	6	8	23
1 / 15																				1	14
1 / 13																					7
1 / 11																					4
/ 9																					1
/ 7																					1
T L	16.9	57.2	24.7	1.2															915		915
																		915		915	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6289 62	75170	82.2	11.150	915							
Dry Bulb	1034949	30519	33.4	4.315	915		31.3					93
Wet Bulb	932970	28938	31.6	4.409	915		48.9					93
Dew Point	765385	25905	28.3	5.915	915		70.6					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

ADAK NAS AK — STATION NAME — 73-82 — YEARS — MAR — MONTH

PAGE 1 — 0500-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54 / 53		.1																1	1		
52 / 51		.2																2	2		
50 / 49																					1
48 / 47	.1	.2			.1													4	4	1	1
46 / 45	.1	.5	.3	.2														13	17	6	4
44 / 43	.5	2.1	2.7	.5														58	58	15	7
42 / 41	1.9	4.4	4.5	.4														102	102	41	25
40 / 39	3.2	8.7	5.9	1.3														174	175	126	53
38 / 37	3.1	10.4	9.7	1.3														224	224	156	85
36 / 35	1.8	7.9	6.4	.4														150	150	192	103
34 / 33	.7	3.5	3.6	.5														78	78	147	157
32 / 31	.4	3.3	2.2	.3														57	57	91	98
30 / 29	.4	1.8	.4															24	24	66	91
28 / 27	.4	1.1	.3															17	17	41	66
26 / 25	.3	.5																8	8	19	72
24 / 23	.1	.4																5	5	3	52
22 / 21																				4	39
20 / 19																					11
18 / 17																					15
16 / 15																					3
14 / 13																					3
12 / 11																					3
TOTAL	1.3	38	5.3	3	6.1	5.1	.1												218		913
																		913		913	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5908657	72643	79.6	11.888	913							
Dry Bulb	11525.6	32236	35.3	9.130	913		19.2					93
Wet Bulb	1.17066	36224	33.1	9.257	913		38.0					93
Dew Point	818059	26795	29.3	5.893	913		68.7					93

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

2

GL AL CLIMATOLOGY BRANCH
AFLTAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4542 ADAK NAS AK 73-82 MAR
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57		.1																1	1		
/ 55		.2																2	2	1	1
4/ 53																					
/ 47		.2	.2															4	4		
/ 45		.5	.4	.1														10	10	5	2
4/ 43	.1	1.4	1.6	.5														34	34	12	4
/ 41	.4	3.0	3.7	3.5														97	97	24	12
/ /	1.6	4.5	8.0	1.3														145	145	66	36
/ 37	3.5	7.5	7.8	1.4														165	165	149	59
/ 35	1.5	7.9	8.4	1.4														176	176	170	63
3 / 33	.7	5.4	7.1	.9														125	125	192	100
/ 31	.5	1.9	5.3	.9														78	78	135	156
/ 2	.1	1.0	1.4	.1														24	24	94	131
/ 27	.4	1.1	.5															19	19	58	111
/ 25		.4	.3															7	7	18	68
/ / 23	.3	.1																4	4	14	94
2/ 21																				2	51
/ 1																					34
1 / 17																					22
/ 15																					9
/ 13																					3
1 / 11																					3
/																					1
TAL	.33	5.7	44.9	10.2															914		914
																		914		914	

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. Num.	5467738	69762	76.3	12.519	914							
Dry Bulb	1241567	33477	36.6	4.108	914		13.4					93
Wet Bulb	1174000	31068	34.0	4.264	914		29.6					93
Dew Point	834353	27049	29.6	6.090	914		64.6					93

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

2

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

PSYCHROMETRIC SUMMARY

704 4C — STATION
ADAK NAS *K — STATION NAME
73-82 — YEARS
MAR — MONTH

BASE 1 — HOURS (L. S. T.) 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
5 / 55		.2																2	2		
4/ 53		.1																1	1	3	1
/ 51																					2
/ 47		.1		.1														2	2		
4 / 45		.3	.5	.1														9	9	2	2
4/ 43	.1	1.1	1.2	.5														25	25	7	4
2/ 41	.4	7.3	2.7	2.1														77	77	78	9
1./ 39	1.0	5.8	7.3	1.4														142	142	54	26
3 / 37	1.6	7.1	7.2	2.2														165	165	179	57
/ 35	2.1	7.3	9.3	1.3														182	182	173	61
3 / 33	1.5	7.7	6.5	1.1														155	156	167	74
2/ 31	.8	3.1	.1	.5														87	87	135	175
/ 29	.1	1.6	1.9	.3														36	36	102	126
1 / 27	.1	1.4	.8	.1														22	22	56	100
/ 25	.3	.7	.2															11	11	35	90
2 / 23		.2																2	2	12	63
2/ 21																				3	58
/ 1																					35
1 / 17																					21
1 / 15																					6
1 / 13																					5
1 / 11																					2
10/ 9																					1
TOTAL	.8	39.9	42.5	9.7															919		918
																		918		918	

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.	5547622	7.1492	76.81	12.117	918							
Dry Bulb	1214153	33137	36.1	4.093	919		16..					43
Wet Bulb	1.52704	30846	33.6	4.208	918		34.7					43
Dew Point	19373	26.77	29.3	5.951	918		68.5					31

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4 40 — STATION
AJAX NAS AK — STATION NAME
73-82 — YEARS
MAR — MONTH
PAGE 1
1800-2700 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
9 / 55		.1															1	1		
4/ 53		.2															2	2	1	
/ 51																			2	1
/ 4																				
/ 47		.3															3	3	1	
/ 45			.1														1	1	2	3
4/ 43	.1	.7	.3														10	10	5	2
/ 41	.3	1.6	.7														26	26	10	8
/ 3	.8	3.9	.2	.3													66	66	34	8
/ 37	3.6	9.1	7.3	.2													185	185	91	49
/ 35	2.1	10.7	6.0	.8													179	179	139	79
3 / 33	2.3	11.5	7.4	.2													196	196	211	65
7/ 31	1.	5.1	4.9	.1													101	101	14	144
/ 2	.7	2.1	3.1	.3													56	56	113	152
/ 27	.	3.0	1.4														42	42	64	96
/ 25	.5	1.8	.8														28	2	65	85
/ 23	.1	.9	.1														10	10	23	65
2/ 21	.4	.2															6	6	12	19
/ 1		.2															2	2	1	47
/ 17																			2	20
1 / 1																				2
/ 13																				0
1 / 11																				1
/																				2
TAL	12.1	51.4	34.5	2.0														914		914
																	914		914	

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.	5926313	72903	79.8	11.45	914							
Dry Bulb	1.98610	31150	34.4	4.244	914		24.9					93
Wet Bulb	97644	29602	32.4	4.404	914		42.7					93
Dew Point	761748	26158	28.6	6.023	914		70.9					93

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

2

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

PSYCHROMETRIC SUMMARY

...4...C STATION | A...AR NAS, AR STATION NAME | 73-82 YEARS | MAR MONTH

PAGE 1 | 21...-23...C HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
... / 55		.1																1	1		
... / 54		.1																1	1	1	1
... / 51		.2																2	2	1	1
... / 49		.1																1	1	2	1
... / 47		.1																1	1	2	.
... / 45		.2																2	2		1
... / 43		.3	.1															4	4	5	.
... / 41	.2	1.3	.7	.1														21	21	2	3
... / 39	.7	2.7	.9	.3														42	42	7	9
... / 37	3.5	7.3	2.5	.1														126	124	5...	42
... / 35	4.6	13.9	6.1	.1														226	226	127	75
... / 33	3...	12.3	6.6															1.8	1.8	199	79
... / 31	1.5	6.9	3.9	.1														172	132	171	164
... / 29	.3	3.3	2.4	.2														57	57	12...	122
... / 27	.5	2.5	.9															47	47	67	95
... / 25	.3	2.3	.7															30	30	57	102
... / 23	.7	1.4	.2															21	21	37	55
... / 21	.4	.4	.1															9	9	15	48
... / 19		.1																1	1	6	42
... / 17																					41
... / 15																					10
... / 13																					3
... / 11																					5
TOTAL	15.5	59.0	25.1	1.0															914		914
																		914		914	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	61...7795	74541	81.61	C.938	914							
Dry Bulb	105...615	30915	33.7	4.303	914		3...2					93
Wet Bulb	...49...51	29169	31.9	4.46C	914		48.1					93
Dew Point	775884	26046	28.5	6...72	918		70.8					93

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

2

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

PSYCHROMETRIC SUMMARY

...4... ADAK NAS AK — STATION NAME
73-82 — YEARS
MAY — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/57		•1																1	1		
		•1																7	7	1	1
/53		•1																7	7	10	5
/51		•1																4	4	6	4
/		•1																4	4	3	4
/47		•1	•1	•2														12	12	6	2
/45	•	•2	•1	•1	•2													26	26	12	10
47/43	•1	•7	•5	•2														103	103	41	22
/41	•3	1.8	1.4	•8														311	311	98	51
/	1.1	3.7	3.3	•5														634	634	294	107
/37	3.4	7.4	4.9	•7														1210	1201	341	199
/35	3.	11.7	6.6	•7	•2													1613	1613	1114	564
37/33	1.9	11.9	6.8	•4														1438	1439	1633	562
/31	1.4	5.5	4.3	•3														[illegible]	842	1176	1299
/	•5	2.9	2.4	•2														[illegible]	447	875	983
/27	•5	2.6	1.	•2														301	301	532	799
/25	•4	1.8	•5															196	195	405	691
/23	•4	•5	•1															[illegible]	93	203	517
/21	•3	•3	•															44	44	91	432
/19	•1	•2	•0															26	26	51	322
/17	•1	•1																12	12	19	225
/15																				2	116
/13																					56
/11																					[illegible]
/																					0
/																					1
TOTAL	13.6	50.9	31.7	3.9	•2														7325		7323
																		7323		7323	

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.	4[illegible]58713	587163	80.2	11.561	7323							
Dry Bulb	873911	252789	34.5	4.421	7325		199.2					744
Wet Bulb	748D69	237985	32.[illegible]	4.465	7327		337.7					744
Dew Point	6346393	211033	28.8	6.315	7323		554.2					744

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4 4 5 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 0000-2300 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 45		.1	.3															4	4	1	
47 / 48		.3	.4															11	11	[illegible]	1
/ 41	1.[illegible]	2.5	.7															37	37	31	11
/ 3[illegible]	2.9	4.[illegible]	2.9	.1														89	89	81	41
/ 37	2.5	11.1	5.5	.2														182	182	94	38
/ 35	1.6	14.8	8.4	.3														224	224	162	76
[illegible] / 33	.9	.2	7.9															169	169	211	100
/ 31	.6	6.2	5.1															105	105	146	134
/ [illegible]	.[illegible]	2.9	2.1															47	48	127	142
/ 27	.2	1.3	.3															16	16	46	126
/ 25	.1	.1	.3															5	5	25	73
/ 23		.1																1	1	5	73
21 / 21																				[illegible]	4
/ 1[illegible]																					[illegible]
/ 17																					5
[illegible] / 15																					7
/ 13																					1
[illegible]	.9	54.3	35.2	.7															911		89[illegible]
																		9[illegible]		8[illegible]	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	51787[illegible]	71743	8[illegible].6	[illegible].368	89[illegible]							
Dry Bulb	1122778	31494	35.3	3.397	891		17.7					[illegible]
Wet Bulb	[illegible]99793	29645	33.3	3.727	89[illegible]		35.[illegible]					3[illegible]
Dew Point	[illegible]16318	26540	29.8	5.291	891		63.0					[illegible]

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

2

GL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7.4543 — STATION
A.AK NAT A — STATION NAME
73-82 — 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
/ 47				•1														1	1		
/ 45		•1	•2															3	3		
47 43		•4	•6															9	9	2	
/ 41	•7	2.8	1.1															41	41	26	5
/ 3	2.4	5.3	2.4															89	89	52	44
/ 37	1.9	8.8	5.1	•5														145	145	78	47
/ 35	3.	13.4	6.4	•3														224	224	155	91
/ 33	•3	12.8	9.1															198	198	155	93
/ 31	•4	6.3	5.1															169	169	137	
/ 29	•3	3.	1.9															47	47	133	117
/ 27		1.9	•1															1	1	47	118
/ 25	•1	•7	•2															9	9	31	98
/ 23		•1																1	1	3	61
/ 21		•1																1	1	3	52
/ 1																				1	
/ 17																					7
/ 15																					6
TAL	•2	55.7	34.1	1.0														891	891		891
																		891		891	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5,36934	72156	81.	10.25	891							
Dry Bulb	113530	31206	35.1	3.911	891		19.3					9
Wet Bulb	99_405	29515	33.1	3.778	891		39.3					3
Dew Point	811671	26479	29.7	5.275	891		62.7					20

USAFETAC FORM AS 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4240 STATION | ALAK NAS AK STATION NAME | 73-82 YEARS | APR MONTH

PAGE 1 | 0000-0800 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
/ 49		.1	.1															[illegible]	2		
/ 47			.2															1	1	2	
/ 45		.7																8	8		1
/ 43	.2	1.6	.4															22	22	1	7
/ 41	1.1	3.3	1.6	.1														56	56	75	10
/ 39	1.0	6.	1.2	.6														86	86	46	35
/ 37	2.	10.3	4.	.3														160	160	98	49
/ 35	3.3	12.1	2.7	.8														220	220	185	48
/ 33	1.2	10.	9.4	.2														173	193	167	15
/ 31	.3	4.5	4.5															36	86	173	102
/ 29	.4	2.2	1.7															39	39	171	134
/ 27	.1	1.2																12	12	46	111
/ 25		.6																5	5	23	79
/ 23		.4																4	4	6	63
/ 21																				2	37
/ 19																					24
/ 17																					6
/ 15																					1
/ 13																					1
TOTAL	.1	55.	23.	8.	2.	5.													842		842
																		892		892	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5 72863	71743	80.4	10.732	892							
Dry Bulb	1143176	31771	35.6	3.614	89		14.2					5
Wet Bulb	10177 3	29931	33.6	2.987	892		37.					9
Dew Point	8307 6	26746	30.0	5.436	892		[illegible]					3

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

2

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

PSYCHROMETRIC SUMMARY

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
AP — MONTH

PART 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]		.1			.3													2	2		
/ 4		.2																2	2	1	1
/ 47		.3	.5	.1														9	9	2	
/ 4	.1	1.1	.4	.4														19	19	4	6
47/ 43	.2	3.7	1.3	.6	.1													47	47	22	5
/ 41	1.6	4.7	4.6	1.5	.1	.1												112	112	52	29
/	1.2	7.1	8.0	2.4														186	186	94	59
/ 37	1.8	8.6	8.3	3.2														211	212	141	81
/ 35	.8	9.3	8.0	1.8														175	175	202	134
/ 33	.1	4.5	5.1	.6														91	91	173	183
/ 31	.7	2.4	1.9	.3														47	47	116	164
/ 2		.4	.3															7	7	74	95
/ 27	.1																	1	1	17	62
/ 25																				1	21
/ 23																					57
7/ 21																					33
/ 1																					12
/ 17																					6
/ 15																					1
TOTAL	.7	43.5	38.[illegible]	10.7	.3	.1													89[illegible]		959
																		589		986	

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.	5472125	66[illegible]06	77.5	12.156	[illegible]89							
Dry Bulb	1[illegible]44[illegible]4	33166	37.8	3.505	890		5.6					[illegible]
Wet Bulb	11176 3	31345	35.3	3.740	889		21.1					[illegible]
Dew Point	890739	27703	31.2	5.561	888		54.5					[illegible]

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

2

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

PSYCHROMETRIC SUMMARY

...42..3 STATION | ANAK NAV AK STATION NAME | 73-82 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4		.1	.1	.1														3	3		
/ 47		.5	.5	.1														9	9		
/ 46	.3	2.3	.9	.6	.2													35	35	13	7
47/ 46	.5	4.4	2.5	2.8	.2													52	52	32	15
/ 41	1.1	6.5	6.0	3.4	.5													174	174	91	37
/ 39	2.3	5.11	3.1	4.7														165	165	122	46
/ 37	1.3	7.1	6.6	4.3														176	176	154	80
/ 35	.2	5.7	3.8	1.2														104	104	226	55
7/ 33	.1	3.3	3.3	.2														71	71	137	103
/ 31		1.2	.5															19	19	96	134
/ 2...	.2	.3	.1															6	6	40	107
/ 27	.1																	1	1	1...	...4
/ 25																					78
/ 23																					...6
2/ 21																					13
/ 1...																					11
/ 17																					4
...I...	7.14	6.35	4.20	6.3	1.3														688		866
																		998		696	

Element (X)	Σ_X'	Σ_X	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	523C8.6	67126	75.6	13.291	888							
Dry Bulb	1365...1	34591	39.1	7.452	688		2.6					2...
Wet Bulb	11723.7	321.1	36.1	3.657	888		14.3					5...
Dew Point	...182.1	28113	31.7	5.688	688		51...					67

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

GL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7 4 40 — STATION
ADAK NAV FK — STATION NAME
73-82 — YEARS
APR — MONTH

PAGE 1 1500-17[illegible] HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4			.1	.3														4	4		
/ 47		.3	.5	.2	.1													10	11		
/ 45		2.1	.7	.2														26	26	7	1
/ 43	.3	4.2	2.3	3.2	.1													90	80	36	10
/ 41	1.1	5.0	5.6	4.7	.8													151	151	59	28
/ 39	2.6	6.1	8.3	4.7														190	190	97	51
/ 37	1.2	7.5	8.4	3.7														189	189	157	83
/ 35	.6	5.5	5.0	2.7														121	121	203	75
/ 33	.1	3.7	3.5	1.0														73	74	159	1 1
/ 31	.1	1.4	1.3	.2														26	26	87	1 1
/ 29		.3	.1															4	4	53	1 4
/ 27		.2																2	2	16	1 7
/ 25																					7
/ 23																					5
/ 21																					32
/ 1																					24
/ 17																					3
TAL	6.3	35.3	35.2	20.0	1.0													876		876	

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.	111917	69731	75.3	13.56	876							
Dry Bulb	1130093	34035	38.8	7.495	878		3.3					90
Wet Bulb	1136262	31392	35.9	3.708	876		16.0					90
Dew Point	884625	27389	31.3	5.685	876		53.0					90

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

2

SE PAL CLIMATOLOGY BRANCH
AFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 4 40 STATION — ADAK NAS AK STATION NAME — 73-82 YEARS — APR MONTH

PAGE 1 — 1200-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47				.2														2	2		
/ 45		.6		.4														9	9		
47 43	.2	1.9	.9	.2														29	29	12	6
/ 41	1.3	4.4	2.3	1.1														66	66	46	25
/ 3	2.9	6.5	5.3	1.8	.1													148	148	72	43
/ 37	1.8	9.2	8.4	1.9														190	190	119	48
/ 35	.6	1.7	11.9	.6														211	211	155	79
3 / 33	.9	6.1	8.5	1.2														149	149	216	115
/ 31	.2	.2	2.9	.2														50	50	173	137
/ 2		.7	.7															12	12	68	116
/ 27	.2	.4																6	6	29	103
/ 25																				7	92
/ 23																					53
2/ 21																					40
/ 19																					27
/ 17																					6
/ 15																					1
TAL	.2	42.6	41.4	7.7	.1														832		842
																		852		892	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	554...33	69471	77.9	12.92	892							
Dry Bulb	1224.35	32521	36.9	3.269	892		6.9					6
Wet Bulb	1.69961	3.727	34.4	3.52	892		25.2					2
Dew Point	053776	27116	32.4	5.451	892		58.2					5

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

4340 — STATION
ADAK NAF AK — STATION NAME
73-82 — YEARS
APR — MONTH
PAGE 1
2100-2300 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL O.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31						
≥ 45		.1	.3															4	4				
44		1.8	.5															25	29	3	1		
43	1.1	2.7	1.8	.1														51	51	43	41		
42	2.5	3.7	2.8	.2														82	82	44	42		
41	2.3	11.5	8.2	1.0														204	204	92	89		
40	1.1	12.8	9.3															210	211	161	91		
39	1.6	1.2	9.7	.2														192	192	227	141		
38	.3	4.2	3.8															74	74	152	162		
37	.1	1.2	2.0	.1														32	32	109	113		
36	.1	1.2	.3															16	16	37	101		
35		.1																1	1	25	100		
34																				2	45		
33																					43		
32																					28		
31																					7		
30																					1		
TOTAL	1.3	49.6	39.4	1.7															885			885	

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.	575373	76705	79.9	10.893	885							
Dry Bulb	1143334	31710	35.7	7.311	887		12.5					90
Wet Bulb	1111300	29747	33.6	3.639	885		33.1					90
Dew Point	820845	26539	30.0	5.318	885		62.2					90

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

2

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

PSYCHROMETRIC SUMMARY

...42 ...OAK NAS AK — STATION / STATION NAME — 73-82 — YEARS — APR — MONTH

PAGE 1 — ALL — HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
./ 51		•			•													2	2		
../ 4...		.1	.0	.1														11	11	1	1
/ 47		.1	.2	.1	.0													32	33	0	
../ 4...	.1	.9	.4	.2	•													109	109	25	15
4/ 43	.2	2.3	1.1	.7	.1													310	310	121	4[illegible]
../ 41	1.1	4.0	3.0	1.5	.2	.0												708	708	353	176
/ 7	2.2	5.6	5.1	1.8	•													1045	1045	568	347
../ 37	2.3	9.5	7.1	1.9														1457	1458	913	435
/ 35	1.5	10.5	8.0	1.0														1485	1490	1422	673
3./ 33	.7	7.7	7.1	.5														1135	1137	1497	8[illegible]
/ 31	.3	3.6	3.2	.1														612	612	1062	1131
../ 2...	..	1.4	1.1	.0														154	155	75[illegible]	9[illegible]
/ 27	.1	.8	.1															71	72	247	8[illegible]
../ 25	.0	.2	.1															20	20	112	66[illegible]
/ 2		.1																6	6	18	4[illegible]4
2/ 21		.0																1	1	7	327
/ 1																				1	1[illegible]1
1./ 1...																					[illegible]6
1 / 15																					18
1 / 13																					3
TAL	.3	46.7	36.6	8.0	.7	.0												7103.	7109	7103.	7103

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	44797553	557781	76.51	1.845	7103							
Dry Bulb	5723631	261563	36.82	3.749	7109		61.6					72[illegible]
Wet Bulb	5516149	244399	34.49	3.280	7103		222.7					720
Dew Point	6.239+1	21.665	30.51	5.502	7103		465.0					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7 4540 — STATION
ADAK NA AF — STATION NAME
73-82 — YEARS
MAY — MONTH

PAGE 1 — HOURS (L. S. T.) 0000-0600

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 45		.6	.1															8	8		
4/ 43	.3	7.0	.3	.3														81	41	11	5
/ 41	1.5	7.4	2.0															130	130	56	17
/ 3	2.2	16.8	6.2															232	232	137	66
5 / 27	3.5	17.4	4.	.4														234	234	226	114
/ 25	1.2	15.2	5.1	.2														207	205	219	181
3 / 23	.1	5.5	2.1	.2														73	73	191	172
/ 31	.1	1.4	.9															22	22	65	194
/ 27	.1	.4																5	5	24	81
/ 27																				11	56
/ 25																					23
/ 23																					11
21 / 21																					12
/ 1																					2
1 / 17																					1
TOTAL	9.1	65.7	21.	1.2															127		922
																		922		922	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	524637	77137	83.7	8.789	922							
Dry Bulb	1323877	34927	37.8	2.797	923		2.7					93
Wet Bulb	1204205	33713	36.5	3.034	922		10.1					93
Dew Point	1035212	30652	33.2	4.192	922		39.0					93

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

2

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

PSYCHROMETRIC SUMMARY

...4540 ... ADAK NAS AK ... 73-82 ... MAY
STATION ... STATION NAME ... YEARS ... MONTH

PAGE 1 ... 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 49			.4	.5														9	9	-	1
47 47		.1	2.6	1.5	.2													41	41	9	4
/ 41	1.5	7.2	2.1															99	99	53	17
/ 3	3.5	15.4	3.5															205	205	118	65
/ 37	2.6	17.9	3.8	.3														226	226	200	92
/ 35	2.1	16.2	4.9	.5														218	218	203	141
3 / 33	.7	6.3	2.1	.2														85	85	205	152
/ 31	.3	1.1	1.1															27	27	75	170
/ 2	.2	.3	.1															6	6	32	96
/ 27	.1	.1																2	2	11	54
/ 25																					26
/ 23																					16
/ 21																					16
/ 19																					6
TOTAL	11.1	67.5	20.0	1.1														518	918	918	918

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	571265	77233	84.1	8.958	918							
Dry Bulb	1305126	345c0	37.6	2.962	918		3.0					93
Wet Bulb	1101433	32943	35.9	3.177	918		12.0					93
Dew Point	102c786	3047	33.2	4.360	918		39.1					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7454 ADAK, NAS, AK. 67-80 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900 L.S.T.
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4		.1																1	1		
/ 47		.1																1	1	1	
/ 45	.1	1.1	1.1															1	21	5	
4/ 43	.7	4.6	2.3	.2														71	71	23	1
/ 41	2.5	9.2	3.7	.5														137	137	1.5	45
/ 3	2.5	16.5	7.4	.9														246	249	128	37
/ 37	2.5	16.	5.1	1.1														226	226	228	101
/ 35	1.7	9.7	3.9	.9														148	149	216	161
3/ 33	.3	3.2	.9	.3														43	47	144	164
/ 31	.4	.5	.7															15	15	42	169
/ 2	.1	.1	.1															3	3	2	5
/ 27																					42
/ 25																					2
2/ 23																					27
2/ 21																					
/ 1																					11
TOTAL	10.	60.	25.	3.															916		915
																		915		915	

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.	6426[illegible]87	76143	83.2	9.758	915							
Dry Bulb	12[illegible]0065	35455	38.7	2.9[illegible]5	915		1.[illegible]					95
Wet Bulb	1246258	33644	36.8	3.171	915		7.1					23
Dew Point	1071714	31038	33.9	4.543	915		33.8					93

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

2

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

PSYCHROMETRIC SUMMARY

...5 42 ADAK A, AK — STATION / STATION NAME
73-82 — YEARS
... — MONTH
PAL 1 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
../ 51				.1														1	1		
../ 49			.3	.2	.1																
../ 47			.5	.2	.2	.1												15	15	3	
../ 45		.2	.3	.3	.5	.4												76	76	12	1
47/ 43	1.2	1.4	1.5	1.3														156	156	67	11
../ 41	2.6	2.6	2.1	1.3	2.3													262	262	141	6
../ 39	1.7	2.8	1.8	1.9	2.5													248	248	97	113
../ 37	1.2	1.6	1.5	1.4	.8													116	116	273	117
../ 35	.1	.2	.3	.2	.4													34	34	142	193
37/ 33	.1	.3	.1															5	5	53	134
../ 31	.1	.3																4	4	16	134
../ 29																				3	74
../ 27																					5
../ 25																					1
../ 23																					7
../ 21																					4
TOTAL	.8	.9	.5	.6	.3	.1	.7		.5									917		917	
																		217		217	

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.	58x3376	727.8	79.4	11.241	917							
Dry Bulb	154.232	3759.4	41..	2.765	917		.4					93
Wet Bulb	136362	36262	38.5	2.8?5	917		1.9					93
Dew Point	1134317	31993.	38.3	4.448	917		26..					93

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

2

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

PSYCHROMETRIC SUMMARY

...40 ADAK NAS AK — ...-5... — MAY
STATION — STATION NAME — YEARS — MONTH

PART 1 — 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...			.1															1	1		
/ ...			..	.2	.1													10	10		
/ 4		.5	1..	.7	.5													23	27	4	
/ ..7		1.1	1.7	1.6	.7	.1												49	49	12	4
/ 4...	.1	5.1	6.1	3.8	.5													135	135	31	10
4/ 42	.4	5.11	.7	6.1	.5													209	209	30	29
/ 41	2.01	1.3	9.4	4.5														249	249	156	71
/ ...	1.1	6.6	6.6	2..														151	151	291	1..7
/ 37	.9	4.5	2..	.5														72	72	135	1..7
/ 36	.1	.2	.7	.3														13	12	104	1..
/ 33	.1	.2																3	3	75	143
/ 31		.7																6	6	20	133
/ 2...																				1	61
/ 27																					4..
/ 25																					2..
/ 23																					6
2/ 21																					4
...	4.13	4.43	9.11	9.7	2..	.1													18		91
																		915		91	

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.	547..41	70007	76.3	11.066	918							
Dry Bulb	165..21	38917	42.4	3.169	918		.6					62
Wet Bulb	142..569	36103	39.3	3..63	918		2.1					93
Dew Point	1155430	32294	35.2	4.596	918		24.5					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION ADAK NAS AK STATION NAME [redacted] YEARS MAY MONTH

PAGE 1 1,20-17,2 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] 53			.1															1	1		
[redacted] 51		.1	.2		.1													4	4		
[redacted] 4		.2	.7	.3														11	11	2	1
[redacted] 47		1.5	1.4	1.1	.4													41	41	5	1
[redacted] 45	.3	2.6	4.5	3.4	.7													152	152	73	12
[redacted] 43	.2	7.5	1.2	4.9	.4													213	213	60	21
[redacted] 1	2.3	10.7	11.5	4.7	.3													258	258	161	71
[redacted] 7	1.1	8.2	7.8	2.3	.1													176	176	252	87
[redacted] 37	.4	5.2	1.5	.3														74	74	217	166
[redacted] 35		1.6	1.0	.3														27	27	134	167
[redacted] 33		.3	.3															6	7	76	175
[redacted] 31		.2	.1															3	3	13	138
[redacted] 29																					57
[redacted] 27																					26
[redacted] 25																					12
[redacted] 23																					11
[redacted] 21																					3
[redacted] 1																					1
TAL	4.03	.139	.217	.9	1.7														917		915
																		916		916	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[redacted] 5436136	7,068	76.5	11.753	916							
Dry Bulb	1617251	38419	41.9	3.19	917		.3					.3
Wet Bulb	1,237bb	35922	38.9	3.243	915		1.3					5.3
Dew Point	1128?.7	31979	34.8	4.619	916		26.3					6.3

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISES PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

[illegible] STATION | AGAK [illegible] AK STATION NAME | [illegible]3-[illegible] YEARS | MAY MONTH

PAGE 1 | 1900-2000 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
/ 1			.1															1	1		
/ 4			.1															1	1		
/ 7		.2	.3	.4														1	1	1	
/ 4		1.6	2.	1.1														43	43	7	1
4/ 42	.2	4.5	5.1	1.														100	100	24	13
/ 41	1.	11.0	11.3	2.1	.1													242	242	116	36
/ 2	.3	14.1	11.1	1.														244	244	142	76
/ 37	1.3	11.6	5.4	1.3														143	133	257	124
/ 35	.5	4.5	2.7	.8														[illegible]	[illegible]	216	158
3 / 33	.1	.2	1.															13	13	7[illegible]	[illegible]
/ 31			.4															4	4	27	133
/ 2[illegible]																				13	7[illegible]
/ 2[illegible]																					47
/ 25																					27
/ 23																					13
2/ 21																					[illegible]
/ 1																					1
7 L	4.7	40.1	39.9	7.6	.1														921		921
																		921		921	

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.	5.74991	72949	79.2[illegible]	2.267	921							
Dry Bulb	1[illegible]216.3	36.53	4[illegible].1	2.767	921		.4					[illegible]3
Wet Bulb	1303.35	34547	37.5	2.905	921		4.[illegible]					93
Dew Point	1076993	31245	33.9	4.299	921		33.8					93

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

2

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

PSYCHROMETRIC SUMMARY

...4542 ADAK NAS, AK — STATION / STATION NAME — ...-60 — YEARS — MAY — MONTH

PAGE 1 — 2100-2700 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 47				.1														1	1		
/ 45			.7	.7	.1													15	13		
/ 43	.5	2.8	2.3	.4														8	57	14	3
/ 41	1.5	8.1	4.3	.2														131	131	7.	.2
/ 39	2.8	16.5	7.3	.4														249	249	14.	7.
/ 37	2.3	17.3	6.7	.4														247	247	21.	114
/ 35	1.2	11.7	4.6	.2														163	163	272	161
/ 33	.4	2.8	2.8															56	56	167	176
/ 31		.7	.4															10	10	43	16
/ 29																				25.	7
/ 27																				2	35
/ 25																					6
/ 23																					1
21																					0
TL	.9	60.5	28.7	2.0															923		923
																		923		923	

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.	3674[illegible]	76188	82.[illegible]	9.231	923							
Dry Bulb	1370675	35479	38.4	2.737	923		1.[illegible]					[illegible]
Wet Bulb	1214227	33841	36.4	2.969	923		7.1					[illegible]
Dew Point	1050641	30399	33.5	4.197	923		36.7					[illegible]

USAFETAC FORM AA 64 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

7 4543 — STATION
ACAr[illegible]A, AK — STATION NAME
73-80 — YEARS
MAY — MONTH

PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 53			.[illegible]															[illegible]	[illegible]		
[illegible] / 51		.0	.1	.	.													16	16		
/		.1	.2	.1	.													42	47	6	1
[illegible] / 47		.4	.5	.4	.1	.												116	116	25	5
4 / 45	.1	1.8	2.3	1.1	.2													401	401	95	27
4/ 43	.5	4.6	4.7	2.1	.1													823	823	298	122
[illegible] / 41	1.9	9.3	6.9	1.9	.1													1478	1478	884	354
[illegible] / 3[illegible]	1.9	13.5	7.4	1.1	.													1754	1754	1424	675
[illegible] / 37	1.8	10.1	4.1	.7														1378	1378	1517	955
[illegible] / 35	.9	7.8	3.[illegible]	.5														989	991	1466	1348
3 / 33	.5	2.4	1.2	.1														234	245	899	1335
[illegible] / 31	.1	.6	.5															91	91	298	1175
[illegible] / 2[illegible]	.1	.1	.2															14	14	124	592
[illegible] / 27	.	.0																[illegible]	[illegible]	30	367
[illegible] / 25																					197
[illegible] / 23																					109
[illegible] / 21																					65
[illegible] / 19																					[illegible]
[illegible] / 17																					1
[illegible]	.[illegible]	.552	.831	.[illegible]	.1	.5	.2												7353		738[illegible]
																		7350		73[illegible]	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4[illegible]615303	592513	80.6	10.757	7350							
Dry Bulb	11695623	292204	39.7	3.372	7353		10.3					744
Wet Bulb	10366475	274975	37.4	3.283	7350		46.2					744
Dew Point	8682000	250470	34.1	4.466	7350		258.3					744

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

2

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

PSYCHROMETRIC SUMMARY

...4-42 ADAK NAS AK 73-82 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 ~~000 = 2400~~
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57		.1																1	1		
/ 56		.1																1	1	1	1
/ 55		.3																3	3	2	1
/ 54		.7	.1		.1													9	9	3	2
/ 4	.1	2.2																22	22	13	.1
/ 47	.1	1.9	.2		.1													23	23	23	10
/ 46	.7	9.6	2.2															112	112	73	22
/ 43	2.5	10.5	6.9	.2														260	260	132	56
/ 41	2.3	17.6	7.7															291	291	246	124
/ 2	1.5	11.4	2.5															137	137	236	164
/ 37	1.7	4.8																74	58	162	159
/ 36	.2	1.2																13	13	36	152
/ 35		.9																9	9	14	53
/ 34		.1																1	1	3	46
/ 3																				1	7
/ 27																					1
TOTAL	.6	7.0	1.1	.2	.2	.2												893		893	
																		893		893	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6,06308	77662	87.	7.903	893							
Dry Bulb	1,14 39	37,75	42.4	3.076	893		.1					.1
Wet Bulb	1423529	36411	40.8	3.174	893		.4					.4
Dew Point	1,15,443	34,27	38.8	3.925	893		3.8					3.8

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

2

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]ETAC
A[illegible] EATHER SE VICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] 4 40 — STATION
ADAK NAF AK — STATION NAME
73-82 — YEARS
[illegible] — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 55	.1	.1																2	2	1	1
[illegible] / 53		.2				.1												3	3	1	
[illegible] / 51		.9			•													10	10	3	3
[illegible] / 49		1.9																17	17	13	5
[illegible] / 47		2.0	.3															21	21	12	10
[illegible] / 45	.9	7.3	1.7															44	44	25	27
47 43	3.	16.3	4.1	.2														229	225	129	97
[illegible] / 41	3.	22	0.4	8.9	.1													287	287	230	186
[illegible] / 39	7.	51	2.8	.2														154	155	222	199
[illegible] / 37	1.	5.2																55	55	162	191
[illegible] / 35	.5	.9																12	12	43	174
[illegible] / 33	.2	.7																9	9	11	65
[illegible] / 31		.2																2	2	4	23
[illegible] / 29	.1																	1	1	2	8
[illegible] / 27																					2
TOTAL	11.4	77	8.8	1.1	.3	.2	.1											881	880	881	881

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6,129,2	77160	87.6	7.909	881							
Dry Bulb	1,574557	37169	42.1	3.749	882		.3					93
Wet Bulb	145,701	35745	40.6	3.792	881		.4					92
Dew Point	1331420	34084	38.7	3.811	881		2.9					92

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

2

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

PSYCHROMETRIC SUMMARY

...4942 ... ADAK NAS AK — 73-82 — JULY
STATION — STATION NAME — YEARS — MONTH

PAGE 1 — 0600-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57						.1												1	1		
5 / 55		.1																1	1		
4 / 53		.9				.1												5	9		
2 / 51		.1	.1															11	11	1	0
/ 49	1.7	.1	.2			.1												19	19	10	12
/ 47	.1	4.5	1.8	.1														51	51	22	10
4 / 45	.1	10.8	4.	.3														146	146	72	43
4 / 43	3.4	2.3	7.8	.2														241	241	164	102
/ 41	1.7	16.8	7.2	.5														272	272	250	157
4 / 39	1.2	8.5	1.6															150	150	219	161
/ 37	.7	2.5																28	28	171	176
1 / 35	.2	.5																7	7	24	145
3 / 33		.1																1	1	3	56
1 / 31																					11
/ 29																					2
1 / 27																					2
T...	.7	66.5	22.5	1.5	.1	.3													87		997
																		887		667	

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.	66.483.	76601	86.4	8.76	887							
Dry Bulb	1582321	38315	43.2	2.859	887							5...
Wet Bulb	1...3.24	36748	41.4	2.561	887							5...
Dew Point	13...142	34588	39.3	3.817	887		1.2					.2

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

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...AL CLIMATOLOGY BRANCH
...LTAC
A... ...EATH R SERVIC / AC

PSYCHROMETRIC SUMMARY

...4...4 STATION | ADA... NA... AK STATION NAME | ...3-... YEARS | JU... MONTH

PAGE ... | 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					
/ 59				.1														1	1			
/ 57		.6	.1				.1											7	7	1	1
/ 55		.3	.1	.2	.5	.1												11	11	7	1
/ 53		.9	.7		.3													13	14	6	5
/ 51		1.5	1.0	.2	.2													34	34	9	7
/ 49	.1	2.2	2.1	1.6	.7													75	55	23	11
/ 47	.6	7.8	5.3	2.8	.2													148	149	40	31
/ 45	.9	15.5	12.2	1.9														288	288	129	66
47 / 43	.9	12.3	9.6	.1														271	261	241	124
/ 41	.6	7.8	4.1	.2														105	109	243	134
/ 39	.2	2.3	.3															55	56	135	177
/ 37		.8																7	7	35	155
/ 35																				9	109
33 / 33																					47
/ 31																					9
/ 29																					2
TOTAL	.3	35.1	35.9	7.3	1.5	.1	.1											879	879		879

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5996271	72 49	82.3	10.160	879							
Dry Bulb	1536063	40137	45.5	3.294	882							...
Wet Bulb	1635981	37 21	43.0	3.139	879							...
Dew Point	1434355	35323	40.2	4.117	879		1.1					90

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

2

L AL CLIMATOLOGY BRANCH
USETAC
A EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

L 4542 STATION | A AK NAS A/ STATION NAME | 73-82 YEARS | JUN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 63		.1																1	1		
/ 61		.1		.5			.1											6	6	1	1
/ 59		.1		.2		.2		.7										9	9	1	1
/ 57		.3		.3														6	6	1	1
/ 55		.8	.2	.3														12	12	7	
4/ 53		1.2	1.0	.7	.1													27	27	12	7
/ 51	.1	1.8	2.4	2.1	.7	.1												63	63	21	14
/ 49		4.3	6.4	4.6	1.5													147	147	51	22
/ 47	.7	7.5	7.6	6.2	.7													199	199	76	34
4/ 45	.6	13.3	1.6	3.6														251	251	127	73
4/ 43	.4	7.1	4.5	.3														113	113	246	126
/ 41	.3	3.7	1.6															56	56	127	143
/ 39		1.1																12	10	94	164
/ 37																				13	135
/ 35																					73
2/ 33																					51
/ 31																					18
/ 29																					2
TAL	.1	41.3	34.5	13.7	2.6	.3	.1	.3										889			889
																		889		889	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5555946	6954	78.2	11.446	889							
Dry Bulb	1994279	41985	47.2	3.590	889							59
Wet Bulb	1748391	39225	44.1	3.121	889							93
Dew Point	1480195	36455	42.4	3.492	889		2.0					60

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

2

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

PSYCHROMETRIC SUMMARY

...454	ADAK NAS AK	73-82	JUN
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31				
5/ 63			.1															1	1		
4/ 6		.1			.1													2	2	1	
/ 61						.1	.1											2	2	1	1
/ 59		.2	.1	.1		.1												4	4	1	1
/ 57			.1	.1			.2											4	4	2	1
5/ 55		.9	.5	.2		.1												16	16	1	1
4/ 53		1.6	1.1	1.1	.2													35	35	13	4
/ 51	.1	1.7	1.6	2.0	.6													53	53	26	14
/ 49	.1	4.4	5.1	3.3	.7													1[illegible]	1[illegible]	73	[illegible]5
/ 47	.1	7.1	9.2	5.3	.7													158	199	74	53
4/ 45	.7	12.4	11.2	3.2	.1													284	244	171	56
4/ 43	.9	6.4	5.6	1.2														122	123	282	115
/ 41	.9	4.7	2.4															67	67	193	137
6/ 3		1.4																12	12	107	177
5/ 37		.5																3	9	19	124
/ 35	.1																	1	1	1	139
3/ 33																					4
/ 31																					20
/ 29																					2
/ 27																					1
TOTAL	.6	41.4	37.1	16.6	2.3	.3	.3												887		885
																		885		885	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	355741	69422	78.4	11.243	885							
Dry Bulb	1934253	41513	46.9	3.681	867							9[illegible]
Wet Bulb	1715471	38845	43.9	3.440	885							9[illegible]
Dew Point	1459812	35716	40.4	4.565	885		2.3					9[illegible]

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4442 ALAM NAV AK 63-68 JUN
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000 (L.S.T.)
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 73		.2																2	2		
/ 57	.1		.1	.2	.1													5	5	3	1
/ 55		.1	.3			.3												8	8	2	2
/ 53		.4	.3	.2														9	9	3	1
/ 51	.1	1.4	.6	.6	.1													25	25	10	3
/ 49	.6	2.6	2.6	.9														59	59	26	13
/ 47		6.5	5.	1.7														118	118	39	21
/ 45	1.4	13.3	10.	2.0	.1													242	242	124	54
/ 43	1.7	18.9	11.7	1.1														254	258	212	113
/ 41	.3	7.6	5.2	.2														120	120	235	163
/ 39	.7	2.6	.7															37	37	185	165
/ 37	.3	.9																11	11	93	152
/ 35																				6	151
/ 33																					65
/ 31																					17
/ 29																					1
TOT	4.5	70.7	54.4	6.9	.3	.1												898	898	856	856

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1142747	73741	82.1	9.849	898							
Dry Bulb	1256.6	4438	45.2	3.191	898							22
Wet Bulb	1.36471	38229	42.6	3.172	898							22
Dew Point	14337.1	35587	39.7	4.165	898		2.0					22

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

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

2

PSYCHROMETRIC SUMMARY

...40 | ADAK NAS AK | 73-82 | JUN

STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
... / 59		.4	.1															5	5		
58 / 58		.3	.2															6	6	6	2
... / 51		1.0	.1															10	10	3	5
... / 4	.2	1.8	.2															22	22	16	7
... / 47	.2	4.6	1.2	.1														55	55	24	25
4 / 45	.7	7.9	4.3															132	132	74	45
47 / 43	2.[illegible]	25.1	9.4	.1														222	222	151	92
... / 41	2.5	14.5	9.1															232	232	246	134
... / 3	1.7	9.3	2.5	.1														112	112	224	171
... / 37	.5	2.7																29	29	115	155
... / 35		.9																9	9	29	147
3 / 33		.1																1	1	4	70
... / 3[illegible]																					25
... / 2[illegible]																					2
... / 27																					1
TOTAL	7.8	84.6	27.2	.3															892		892

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6622996	7653	85.8	8.00	892							
Dry Bulb	1669307	38497	43.2	2.756	892							92
Wet Bulb	1533612	36184	41.7	3.095	892							90
Dew Point	1381657	34931	39.2	3.928	892		2.8					90

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4640 ADAK NAS, AK 73-82 JUN
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31							
69			.1																		1	1		
63			.3		.3																3	3	1	
61		.2		.2		.3	.3														7	7	2	2
59		.1	.3	.1		.2		.1													16	16	4	4
57	.3	.1	.3	.1	.1	.2	.3														24	24	7	4
55	.3	.4	.2	.1	.1	.3															53	53	17	6
53		.7	.4	.2	.1	.1															105	106	45	23
51	.3	1.3	.8	.6	.3	.2															214	214	86	36
49	.2	2.6	2.1	1.3	.3	.3															489	489	167	115
47	.2	5.3	3.8	2.2	.2																812	813	33	154
45	.9	11.4	7.3	1.4	.1																1496	1489	660	797
43	1.7	14.3	7.5	.5																	1736	1740	1515	866
41	1.5	11.6	5.8	.1																	1348	1349	1841	1094
39	1.0	6.2	1.2	.2																	567	569	1395	1364
37	.5	2.1																			197	198	658	1209
35	.1	.4																			41	41	14	1077
33	.0	.2																			18	19	72	514
31		.0																			3	3	5	146
29	.0																				1	1	3	29
27																								7
TTL	.2	57.1	29.0	6.5	.9	.2	.1	.0														7110		7104
																					71.4		7104.	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5 179383.	5927.5	83.4	10.125	7104							
Dry Bulb	14141725.	315979.	44.4	3.735	7110		.4					7...
Wet Bulb	12744621.	259906.	42.2	3.428	7104		.0					7...
Dew Point	11262[illegible]5.	281311.	39.6	8.168	7104		18.4					7...

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

2

AL CLIMATOLOGY BRANCH
ETAC
CATILR SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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								
/ 70		.1																1	1		
/ 67		.4	.1															5	5		
/ 65		.7	.2															9	9	6	4
47/ 63	.1	2.	.9															27	27	12	5
/ 61	.1	4.7	1.7	.3														49	50	20	14
/ 59	1.7	8.	1.9	.2														117	117	71	54
/ 57	1.	16.2	2.1	.4														131	132	109	81
/ 55	3.9	22.4	5.5	.2														294	294	224	164
47/ 53	1.9	13.3	2.7															167	167	259	194
/ 51	.9	5.	.9															58	58	147	184
/ 49	.9	.2	.2															7	7	58	147
/ 47	.1	.3																4	4	8	57
/ 45		.2																2	2	4	18
/ 43																				1	1
/ 41																					
TOTAL	.274	.315	.1	1.2															922		921
																		921		921	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	71[illegible]157	31149	68.1	7.82	921							
Dry Bulb	2.0[illegible]654	42648	46.5	3.192	922							93
Wet Bulb	1[illegible]52346	41312	44.9	3.175	921							93
Dew Point	1726675	39767	43.1	3.768	921		.5					93

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

2

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

PSYCHROMETRIC SUMMARY

...4 9 STATION AZAK AAFB AK STATION NAME ...-82 YEARS ... MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/57	.1	.2																3	7	2	2
56		1.3	.3															19	19	5	7
/51		1.1	.2															12	12	12	7
/11	.5	3.8	.8															47	47	26	15
/4	.7	9.1	1.4	.2														116	116	55	41
/47	1.8	15.5	1.5	.2														176	177	131	72
/48	3.6	19.5	4.8	.1														240	240	219	159
/48	1.9	14.2	2.8															199	189	234	189
/41	1.1	5.3	1.1															77	77	144	138
/32	.2	.9	.4															14	14	63	129
/7		.2	.2															4	4	13	55
/36		.2																2	2	5	28
/32		.1																1	1	3	11
/31																					2
1AL	1.2	74.8	13.9	.7															221		9.3
																		990		970	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	72831.9	81617	88.7	6.943	920							
Dry Bulb	1373.67	42519	46.2	3.318	921							83
Wet Bulb	1.44548	41278	44.7	3.365	92.							83
Dew Point	17167.3	39573	43.0	3.473	920							83

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

PSYCHROMETRIC SUMMARY

...4540 | ADAK, NA... AK | 73-... | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 58			.1															2	2		
/ 57		.4	.1															5	5	4	
5 / 56	.1	.9	.9															17	17	9	3
/ 53	.7	1.5	.9	.1	.1													73	33	2	14
2 / 51	.3	4.3	2.7	.2														79	79	29	17
/ 49	1.2	10.3	2.7	.4														136	136	75	53
/ 47	1.5	16.5	4.5	.5														203	203	153	76
4 / 45	3.5	2.6	4.8	.2														266	266	236	186
2 / 43	1.3	11.7	2.0															143	143	244	213
/ 41	.4	2.0	1.3															41	41	114	176
1 / 39	.1	.7	.2															9	9	34	113
/ 37																				7	41
/ 35																					24
3 / 33																					5
TOTAL	.66	9.1	9.9	1.5	.1														923		923
																		923		923	

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.	718,949	81117	87.9	7.514	923							
Dry Bulb	2049326	43388	47.0	3.254	923							923
Wet Bulb	1904981	41827	45.3	3.216	923							923
Dew Point	1766769	40229	43.6	3.610	923							923

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

2

CL AL CLIMATOLOGY BRANCH
USAFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4954 — STATION
ALAK CA, AK — STATION NAME
73-82 — YEARS
JUL — MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
90/ 88		.1		.1														2	2		
86/ 84		.1	.2															3	3	1	
82/ 80		.4	.4															8	8	4	1
78/ 76		.3	.7				.9	.1										14	14	6	4
74/ 72	.3	1.7	1.2	1.1	.3		.1											47	47	15	10
70/ 68	.2	3.4	5.1	.8	.1	.1												89	89	26	17
66/ 64	.8	6.2	7.7	1.3	.1													148	148	75	47
62/ 60	.5	10.8	8.3	2.3	.3													201	201	121	56
58/ 56	.7	15.5	5.2	1.2														209	209	221	105
54/ 52	1.2	12.3	3.0	.1														150	150	227	200
50/ 48	.9	3.7	.9															47	49	173	191
46/ 44	.1	.1	.1															3	3	48	149
42/ 40																				5	64
38/ 36																					34
34/ 32																					14
30/ 28																					3
TAL	4.7	54.3	32.6	6.5	1.1	.5	.2												221		5.3
																		920		920	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6497687	768.3	83.5	9.677	920							
Dry Bulb	2257020	4540.7	49.4	3.484	921							97
Wet Bulb	1319199	4319.9	47.0	3.261	920							33
Dew Point	1334689	4209	48.5	4.122	920		.3					95

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

2

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

PSYCHROMETRIC SUMMARY

...540 | ...AK NAT'L AP | 73-82 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 12...-14...
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
...57					.3													3	3		
...55				.3														3	3		
67 63		.2	.5	.2			.1											10	10		
...61			.2	.3				.2										7	7	5	
...59		.2	.3	.2		.1	.1											9	9	9	4
...57		.3	1.2	1.		.2		.1										26	26	7	1
...55	.1	2..	3.7	3.4	.3	.2	.1											94	94	14	17
47 53	.4	3.8	7.9	2.7	.3													139	139	47	23
...51	.4	5.5	11.7	1.9	.7													184	184	98	44
...49	.1	9.6	1.0	2.8	.1													207	207	164	66
...47	.1	9.9	3.6	1.4														179	140	2.9	116
...45	.3	6.2	1.4															71	71	186	21.
47 43	.5	1.3	.3															20	20	135	19.
...41		.1																1	1	15	114
...39																				4	64
...37																					39
...35																					17
5 ...33																					2
...31																					1
...29																					1
TOTAL	.13	.28	1.21	4.3	.2	.5	.3	.3											914		913
																		913		913	

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.	5...17969	729.5	79.9	10.278	913							
Dry Bulb	2400...57	46711	51.1	3.865	914			.3				93
Wet Bulb	2114328	43926	48.0	3.406	913							53
Dew Point	1858058	41004	44.9	4.256	913		.2					93

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

2

...RAL CLIMATOLOGY BRANCH
...AFETAC
A ...EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-40 STATION — AJAK NAS AK STATION NAME — 73-80 YEARS — JUL 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
67 / 65			.2	.3														5	5		
64 / 63			.2	.2	.1													5	5		
/ 61			.2	.2														5	5	2	
/ 59		.1	.3	.3	.2	.1	.2	.1										12	12	7	1
/ 57	.1	.5	.9	1.4		.2												29	29	8	3
5 / 55	.1	2.5	3.1	3.3	1.1	.2	.1											55	95	15	14
47 / 53	.4	3.7	7.	3.7	.4													140	140	44	24
49 / 51	.3	4.2	10.1	3.5	.3													173	173	85	34
/ 49	.1	8.5	11.1	2.9	.2													209	209	159	67
/ 47	.2	11.1	4.9	1.2														151	152	247	146
5 / 45	.5	5.9	1.5	.2														75	77	227	230
42 / 43	.3	.9	.3															18	18	94	162
/ 41	.2																	2	2	24	154
/ 39																				2	72
/ 37																					45
/ 35																					11
/ 33																					3
/ 31																					2
TAL	2.4	36.5	40.3	17.5	2.3	.5	.	.	.1									913	921	916	916

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8.033343	73303	78.5	10.730	913							
Dry Bulb	246214	46722	50.9	3.743	921							95
Wet Bulb	215146	43362	47.8	3.322	918							95
Dew Point	1685206	40978	38.6	8.179	918		.2					95

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4 4 4 | ADAK NAS AK | 73-87 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1500-2200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
≥ / 60				.1														1	1		
/ 51		.1	.2	.1														5	5		
/ 55		.3	.3	.1														7	7	5	
/ 57		.2	.3															5	5	5	2
/ 55		1.4	1.1	.4		.2												29	29	17	6
47 53	.1	2.9	3.1	1.1	.4		.1											71	71	26	13
/ 51	.4	4.7	7.6	1.6	.1	.1												134	134	47	35
/ 49	.4	10.5	9.7	2.4	.1													213	213	112	52
/ 47	1.1	15.6	6.4	2.1														231	231	213	69
/ 45	.8	12.7	5.2															172	172	259	146
47 43	.1	3.6	.8															45	45	196	191
/ 41	.4	.4																8	8	51	163
/ 3																				7	114
/ 37																					46
/ 35																					13
3 / 33																					1
/ 31																					1
/ 27																					2
T T L	7.9	80.6	34.9	7.7	.7	.3	.1												921		921
																		921		921	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6429704	76480	83.0	9.254	921							
Dry Bulb	2214923	45763	49.9	7.308	921							93
Wet Bulb	1596889	42789	46.5	3.118	921							93
Dew Point	1788564	40429	43.9	7.942	921		.3					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

/2454 — STATION
ADAK NAS AK — STATION NAME
73-80 — YEARS
JUL — MONTH

PAGE 1 — HOURS (L.S.T.) 2130-2330

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61		.1																1	1		
/ 59		.1																1	1	1	
/ 57		.4	.3															7	7	2	1
/ 55		1.2	.1															12	12	6	6
/ 53		2.3	1.3	.1														34	34	12	7
/ 51	.3	4.7	1.6	.1	.2	.1												65	65	39	16
/ 49	.8	10.0	3.3	.5	.1													135	135	71	49
/ 47	1.3	16.7	6..	.8.														227	227	146	52
/ 45	2.3	20.0	5.8															283	284	227	155
/ 43	.9	11.9	2.7															142	142	254	171
/ 41	.2	2.5	.1															26	26	135	212
/ 39		.5																5	5	20	128
/ 37																				5	59
/ 35																					15
/ 33																					2
/ 31																					1
TAL	.7	7.0	2.2	1.5	.3	.1												518	919	918	913

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6926022	79428	86.5	7.651	913							
Dry Bulb	2.503.3	43313	47.1	3.129	919							93
Wet Bulb	1.89.07	41545	45.3	3.106	916							93
Dew Point	1733273	39739	43.3	3.769	918		.1					93

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

2

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

PSYCHROMETRIC SUMMARY

7 4... ADAK NAS AK 73-82 JUL
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 67					.1													3	3		
6/ 65				.1	.1													9	9		
6/ 63			.1	.1	.1	.1		.1										17	17		
/ 61			.0	.1	.1				.1									1	21	6	
/ 59			.1	.2	.1	.0	.0	.0	.0									43	40	24	6
/ 57		.1	.4	.4	.3		.1	.1	.1									93	93	34	19
5 / 55	.1	1.5	1.4	1.1	.3	.1	.1											322	322	94	69
4/ 53	.1	2.6	3.3	1.0	.2	.0	.0											542	542	221	111
7/ 51	.4	4.8	5.4	1.2	.2	.1												880	880	420	222
/ 49	.3	9.7	6.3	1.4	.1													1323	1323	626	330
4 / 47	1.0	11.5	4.2	1.0														1516	1520	1496	738
4 / 45	2.1	14.9	4.	.1														1553	1556	1875	1476
4/ 43	1.0	7.9	1.6															771	772	1561	1527
/ 41	.4	2.2	.3															216	216	674	1139
/ 39	.1	.3	.1															35	35	173	949
/ 37	.0	.1	.															6	9	33	373
/ 35		.1																4	4	9	141
3 / 33		.0																1	1	4	35
/ 31																					14
/ 2.																					4
/ 27																					2
/ 25																					1
TOTAL	6.15	.027.3	6.4	.2	.3	.1	.1											7362		7354	
																	7354		7354		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5333424	622992	84.6	9.352	7354							
Dry Bulb	17348394	356232	48.4	3.884	7362			.3				744
Wet Bulb	15756172	339438	46.2	3.474	7354							744
Dew Point	14269937	322563	43.9	4.037	7354		2.1					744

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION ADAK NAS AK STATION NAME 73-82 YEARS AUG MONTH

PAGE 1 ~~0000-0300~~ HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61		.3																3	3		
~~/ 59~~		.2	.1															~~3~~	~~3~~	~~3~~	
/ 57		.4	.1															5	5	3	4
~~/ 55~~	.7	.5	.5															~~16~~	~~16~~	~~10~~	~~8~~
53	.2	4.7	.9	.2														55	55	15	10
~~/ 51~~	.1	10.3	4.1	.2														~~136~~	~~136~~	~~56~~	~~29~~
/ 49	.8	23.9	5.1	.3														277	277	132	44
~~/ 47~~	1.3	23.1	1.6	.2														~~241~~	~~241~~	~~310~~	~~101~~
/ 45	1.2	12.9	.2															136	136	261	276
~~/ 43~~	.1	3.0	.2															~~31~~	~~32~~	~~87~~	~~243~~
/ 41	.2	.4	.4															10	10	19	65
~~/ 39~~		.4	.2															~~6~~	~~6~~	~~7~~	~~29~~
/ 37																				3	9
~~/ 35~~																					~~7~~
/ 33																					4
TOTAL	9.6	80.3	14.1	1.0															963		943
																		919		919	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel Hum	7,853,710.	85,402.	68.2	6.115	919							
Dry Bulb	2,297,02.	44,36.	48.6	2.914	919							93
Wet Bulb	2,971,67.	43,297.	47.1	2.622	919							33
Dew Point	1,318,291.	31,437.	45.5	3.248	919							93

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

2

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

PSYCHROMETRIC SUMMARY

7 464 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
AUG — MONTH

PAGE 1 — 0300-0900 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 21		.1	.1															2	2		
/ 49		.3																3	3	1	
/ 57		.2	.1															3	3	4	
5 / 65	.2	1.4	.8	.2	.1													26	25	4	5
/ 53	.1	3.4	1.6	.1														46	49	15	7
/ 51	.21	.4	2.6	.2														123	124	56	26
/ 4	.323	6	5.1	.2														266	269	185	81
/ 47	.723	.5	2.9															248	248	269	151
47 / 45	.214	.1	.9															179	139	271	277
47 / 43	.3	3.4	.1															35	35	195	244
/ 41	.3	.9	.1															12	12	2	92
/ 3		.9	.2															9	9	5	5
3 / 37		.1																1	1	7	9
/ 35																				1	2
3 / 33																					4
TOTAL	2.482	2.214	5	.2	.1													916	917	916	916

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	7154296	80822	88.2	6.013	916							
Dry Bulb	7180281	44529	48.7	3.002	917							x3
Wet Bulb	2025089	42991	46.9	2.839	916							92
Dew Point	1895156	41562	45.4	3.196	916							93

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

2

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

PSYCHROMETRIC SUMMARY

...4-43 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | APR 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
/69			.2															2	2		
/57		.3	.1															4	4	1	
5/55	.1	1.9	.3	.1	.1													24	24	10	7
4/52	.2	4.4	1.5															53	53	24	11
/51	.2	11.8	4.5	.1														152	152	72	41
/49	.9	22.3	5.6	.1														265	265	155	111
/47	.6	20.8	3.6															249	249	254	169
5/45	1.4	11.4	1.2															127	127	274	249
4/43	.2	2.4																24	24	91	179
2/41	.1	.4																5	5	16	21
/39		.1	.1															2	2	6	12
1/37		.1																1	1	2	5
/35																				1	
1/33																					1
TAL	4.0	79.3	17.2	.3	.1													916	918	813	918

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.	722880	81224	88.5	6.113	918							
Dry Bulb	2214021	45017	49.0	2.777	918							93
Wet Bulb	2060715	43927	47.3	2.647	918							93
Dew Point	1935165	42.55	45.6	3.055	918							93

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

2

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

PSYCHROMETRIC SUMMARY

...4540 | MIAMI, FLA AK | 73-80 | AUG
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 7...					.1	.1												2	2		
/ 85			.1															1	1		
/ 8...			.1	.2	.1													4	4		
/ 8...		.1	.3		.1													5	5		1
/ 87		1.5	1.1	.5	.2													34	34	6	3
/ 86	.2	3.8	2.6	1.2	.2													79	79	21	14
47/ 85	.3	7.8	6.5	1.4	.1													162	162	61	29
/ 84	.1	15.5	13.2	.5														272	272	136	59
/ 83		17.1	6.3	.1														216	216	250	134
/ 82	.2	11.5	2.7															126	126	299	221
/ 81	.1	2.8																27	27	119	238
47/ 80	.1	.1																2	2	15	154
/ 79																					49
/ 7...																					12
TAL	1.1	60.4	32.5	4.5	1.4	.1												920	920	920	920

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6669162	76...08	84.2	7.719	920							
Dry Bulb	2437256	47271	51.4	3.242	920			.2				93
Wet Bulb	2216724	45092	49.0	2.686	920							93
Dew Point	2034809	43169	46.9	3.169	920							93

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

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USAFETAC CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
— MONTH

PAGE 1 — 1200-1400 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 71								.1	.1									2	2		
/ 69								.1										1	1		
/ 67				.2	.1													3	3		
67/ 65				.1														1	1		
67/ 63		.1	.1	.3														5	5		
/ 61		.1	.5	.3														9	9	4	
/ 59		.8	1.2	.7	.														20	4	1
/ 57	.1	2.1	2.1	.7	1.1													55	55	23	3
57/ 55	.4	3.7	6.4	3.8	1.4													145	145	47	25
57/ 53	.1	9.2	1.7	2.8	.8													212	212	66	36
/ 51		12.2	12.5	.														232	232	174	81
/ 49		12.0	5.8															183	183	238	147
/ 47		6.2	.5															62	62	263	217
/ 45		.9																9	9	55	222
47/ 43																				2	181
/ 41																					4
/ 39																					1
TOTAL	.7	47.0	33.9	7.9	2.3	.2			.1										317		317
																		317		317	

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.	2246116	752.3	82..	9.22?	317							
Dry Bulb	256657?	48419	52.9	3.3.1	917			.5				.5
Wet Bulb	220177?	45769	49.9	2.637	917							x3
Dew Point	2.667.5	43819	47.?	3.443	917							93

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

2

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

PSYCHROMETRIC SUMMARY

...40 | ADAK NAS AK | 73-82 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1...-17...
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
... 69									.1									1	1		
... 67				.1														1	1		
69/ 65			.1	.1			.1	.1										4	4		
68/ 63		.1																1	1		
... 61		.4	.2															6	6	4	
... 59		.9	.5	.1	.2													16	16	6	
... 57		1.2	2.2	.9	.7													45	45	11	
57/ 55	.1	2.4	1.2	2.9	.5													121	121	25	9
56/ 53		8.7	10.2	3.9	.5													213	213	45	7
... 51	.2	12.6	13.6	1.7														265	265	178	72
... 49	.1	12.7	6.2															175	176	274	147
... 47	.1	7.3	.9															76	76	273	224
46/ 45		.5																5	5	3	224
44/ 43																				3	124
... 41																					91
... 39																					16
TOTAL	.5	54.7	36.8	9.1	3.3	2.0		.1	.1	.1								922			921
																		921		921	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	23 3669	75751	82.2	8.738	921							
Dry Bulb	2 4147	46326	52.4	3.137	922			.2				.3
Wet Bulb	2271577	45673	49.6	2.683	921							.3
Dew Point	2249946	43344	47.1	3.306	921							.2

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

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

PSYCHROMETRIC SUMMARY

7 4 46 — STATION
ADAK NAS AK — STATION NAME
73-80 — YEARS
AUG — MONTH

PAGE 1 — ~~1850-2000~~ 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
2/ 65							•1											1	1		
6/ 63		•1																1	1		
/ 61			•2			•2												5	5	1	
/ 59		•1																1	1	2	1
/ 57		•3	•1		•2													6	8	4	3
5/ 55	•2	1•8	1•8	•4	•2													42	42	10	9
/ 53	•2	7•7	5•1	•3														123	123	32	15
2/ 51	•3	13•3	11•3	1•4														248	248	99	46
/ 49	•4	19•2	9•1	•5														273	273	239	106
2/ 47	•5	15•7	2•7	•2														177	178	352	192
4/ 45		5•3	•1															50	50	185	276
4/ 43		•1																1	1	27	184
/ 41																				1	63
1/ 39																					21
/ 37																					4
TOTAL	1•7	83•8	30•6	3•1	•4	•2	•1												227		926
																		926		926	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	67616C0	78934	85•2	7•506	926							
Dry Bulb	2367720	46783	50•5	2•695	927							93
Wet Bulb	2155757	44651	48•2	2•487	926							93
Dew Point	1962998	42756	46•2	3•280	926							93

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

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

PSYCHROMETRIC SUMMARY

/ 4540 — STATION
ADAK NAV AR — STATION NAME
73-80 — YEARS
AU — 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
/ 59		.1																1	1		
/ 57	.1	.3	.2															6	6	2	1
/ 5	.4	.8	.4	.2														17	17	6	5
/ 53	.2	4.4	.9	.1														52	52	15	11
/ 51	.5	11.7	6.1															168	168	79	59
/ 4	.4	19.1	6.6	.1														240	240	124	110
/ 47	1.7	27.9	3.1	.1														301	301	304	147
/ 45	.4	9.7	1.1															103	103	232	271
/ 43	.1	2.2	.3															24	24	85	295
/ 41		.3	.1															4	4	14	77
/ 3																				5	21
/ 37																					7
/ 35																					4
TOTAL	4.1	76.5	18.8	.5															916		916
																		916		916	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_n	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7,977572	80432	87.8	6.166	91							
Dry Bulb	2206895	44899	49.	2.584	916							93
Wet Bulb	2049249	43253	47.2	2.532	916							93
Dew Point	1912286	41760	45.6	3.042	916							93

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

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L AL CLIMATOLOGY BRANCH
TAC
EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] ADAK NAS AK 73-82 [illegible]
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 71					•	.0		.0	.0									4	4		
/ 69									.0									2	2		
/ 67				.0	.0													3	3		
/ 65			.0					.0										6	6		
/ 63		.0	.0	.0														5	5		
/ 61		.1	.2	.1	.0	.0												29	29	6	
/ 59		.3	.2	.0	.1													51	51	17	4
/ 57	.0	.8	.7	.3	.0													160	160	56	20
/ 55	.2	0.2	2.4	1.1	.4													469	469	141	61
/ 53	.2	0.3	4.6	1.1	.1													620	620	236	146
/ 51	.2	2.2	5.5	.6														1502	1583	862	402
/ 49	.4	8.7	6.2	.2														1877	1878	1577	967
/ 47	.7	7.2	2.2	.1														1405	1401	2345	1407
/ 45	.4	7.2	.5															545	545	1544	2060
/ 43	.1	1.4	.1															117	119	407	1443
/ 41	.1	.3	.1															31	31	66	523
/ 39		.2	.1															17	17	19	183
/ 37		.0																2	2	15	56
/ 35																				2	16
/ 33																					11
TTL	.46	7.3	2.9	3.6	.0	.0	.0	.0	.0										7357		7353
																		7343		7353	

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.	54667365	631401	85.9	7.725	7353							
Dry Bulb	1,714533	37,249	50.3	3.726	7357			.9				744
Wet Bulb	1712017	354153	48.2	2.917	7353							744
Dew Point	15791316	339902	46.2	3.276	7353							744

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

72464 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | SEP 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
/ 57		.2																2	2		
5 / 55		.3	.4															7	7	2	
4/ 53	.3	1.3	.8															22	22	3	7
/ 51	.4	1.7	2.6	.6														47	47	23	13
/ 49	.2	8.4	5.1	.6														127	127	32	23
/ 47	.9	14.4	5.2	.3														135	126	121	37
4 / 45	.3	2.5	7.8	1.7														269	259	236	145
4/ 43	.2	7.3	5.7	1.9														135	135	193	140
/ 41	.2	3.0	2.5	.1														52	52	118	136
/ 39	.2	1.6	.4	.3														23	23	88	155
/ 37		.7	.2															9	9	33	74
/ 35		.8	.4															11	11	9	50
/ 33			.1															1	1	1	47
/ 31																					24
/ 29																					11
/ 27																					2
/ 25																					0
[illegible]	.2	.6	.3	.3	.5														890		889
																		889		889	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6264666	74208	83.5	8.895	889							
Dry Bulb	1939485	41113	46.2	3.403	893							89
Wet Bulb	1731196	39096	44.0	3.653	889		.5					89
Dew Point	1544011	36803	41.4	4.797	889		8.4					89

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

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AL CLIMATOLOGY BRANCH
ETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4843 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | SEP 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
/ 57		.1																1	1		
/ 55		.6																6	6	1	
/ 53	.3	1.2	.7	.1														21	21	9	5
/ 51	.3	2.7	2.3	.7														53	53	28	12
/ 49	.5	7.7	4.2	.6														114	114	40	24
/ 47	.7	15.7	4.5	.5														168	168	111	43
/ 45	.3	21.8	5.9	1.9														264	264	222	102
/ 43		8.2	4.9	1.2														166	127	216	221
/ 41	.1	2.6	3.4	.3														61	57	111	168
/ 39	.1	1.9	.6															23	23	76	35
/ 37	.1	1.9	.1															15	15	46	66
/ 35		.5	.6															9	9	16	54
/ 33		.2	.2															4	4	6	43
/ 31																				7	31
/ 29																				1	11
/ 27																					6
/ 25																					2
TOTAL	2.5	64.7	27.4	5.4															583		881
																		881		881	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	6259569	73851	83.8	8.765	881							
Dry Bulb	1881139	40539	46.0	3.479	883							90
Wet Bulb	1707299	38645	43.9	3.714	881		.8					90
Dew Point	1526313	36431	41.4	4.745	881		5.1					90

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

C[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7 4540 — STATION
ADAK NAS, AK — STATION NAME
77-80 — YEARS
SEP — MONTH

0600-0900 — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57			.1															1	1		
/ 55		.2	.3	.1														11	11	1	
/ 53	.1	1.0	.6	.3														18	18	9	2
/ 51	.7	3.5	3.1	.2														67	67	26	22
/ 49	.1	7.3	4.7	1.1														115	113	47	25
/ 47	1.0	14.8	5.6	1.3														203	203	119	56
/ 45	.8	18.4	7.3	1.3	.1													249	249	241	135
/ 43	.7	7.6	5.5	.9														131	131	173	187
/ 41	.2	2.8	2.1	.3														49	49	136	146
/ 39	.1	1.3	.6															18	18	81	176
/ 37	.3	1.3	.2															17	17	33	69
/ 35		.7	.1															7	7	15	49
/ 33			.2															2	2	7	37
/ 31																				2	31
/ 29																				1	9
/ 27																					3
/ 25																					2
TOTAL	4.5	63.5	32.5	5.7	.1														891		891
																		891		891	

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.	6335[illegible]12	74698	83.8	9.089	891							
Dry Bulb	1924316	41290	46.3	3.496	891							90
Wet Bulb	1746655	39317	44.1	3.629	891		.3					90
Dew Point	1564613	37105	41.6	4.669	891		9.1					90

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

2

GL PAL CLIMATOLOGY BRANCH
AFETAC
A. WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
67				.1														1	1		
61			.1	.1														2	2		
59			.2															2	2		
57		.1	.2															6	6		
55	.1	.9	.7	1.0														24	24	6	5
53	.3	1.4	5.0	2.2	.1													79	79	16	10
51	.7	4.4	9.5	1.8	.1													145	145	30	19
49	.5	1.8	10.4	3.3	1.1													235	235	123	33
47	.2	1.1	7.2	3.3	.5													232	232	215	100
45	.1	6.2	5.1	1.2														112	112	244	159
43	.1	1.3	2.3	.6														42	42	132	106
41		.3																3	3	84	135
[illegible]																			1	25	55
37																				3	26
35																					35
33																					15
31																					14
29																					1
27																					1
TOTAL	1.3	41.3	41.1	14.2	1.1														984		663
																		893		682	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5673060	70266	79.6	9.363	883							
Dry Bulb	2141227	43427	49.1	2.382	884							92
Wet Bulb	1688932	40750	46.1	3.275	883							93
Dew Point	1645729	37925	43.1	9.370	883		1.6					94

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7454 ADAK NAS AK 73-82 SEP
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31				
≤ / 63		.1	.1															2	2		
/ 61																				1	
/ 59		.1	.2															3	3	1	1
/ 57	.1	.1	.2	.5	.7													14	14	3	1
5 / 55	.2	1.1	1.6	2.7	.7	.1												57	57	6	7
4/ 53	.2	1.1	6.8	4.8	1.2													126	126	17	11
/ 51	1.0	3.9	12.3	5.7	.7	.2												212	213	46	20
/ 49	.1	7.3	8.0	7.3	1.5													215	215	165	33
/ 47	.2	8.6	5.9	4.2	.7													173	173	251	1 2
4 / 45	.2	2.9	2.9	1.2														65	65	182	166
4/ 43		.8	1.2															19	19	134	156
/ 41		.2																2	2	73	130
/ 39																				6	97
/ 37																					66
/ 35																					43
3 / 33																					23
/ 31																					13
TOTAL	2.1	26.4	39.2	26.5	5.4	.3													888		887
																		387		887	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5252450	67574	75.2	11.167	887							
Dry Bulb	2260666	44726	50.4	2.997	887							90
Wet Bulb	1946535	41463	46.7	3.68	887							90
Dew Point	1652103	38067	42.9	4.557	887		1.2					90

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

2

GL AL CLIMATOLOGY BRANCH
AFETAC
A WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[illegible] STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | SEP MONTH

PAGE 1 1-00-17-0 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 61			.1															1	1		
/ 59			.3															3	3		
/ 57		.1	.2	.2	.1													6	6	2	
/ 55	.3	.8	1.5	1.5	.4													40	40	6	7
47/ 53	.1	1.8	5.1	4.2	1.3													176	159	16	13
/ 51	.3	3.1	9.9	2.9	1.5													156	159	38	12
/ 49	.6	7.8	14.1	5.3	1.													250	260	122	51
/ 47	.1	9.4	6.5	4.8	.8													193	193	285	67
4 / 45		7.1	5.6	1.8														93	93	272	139
47/ 43		.9	1.3	.3														20	20	143	165
/ 41	.1	.1	.2															4	4	93	161
/ 39	.2																	2	2	23	56
/ 37																				2	50
/ 35																					55
/ 33																					26
/ 31																					17
/ 29																					1
TOTAL	.6	27.1	44.5	21.6	4.2														931		683
																		589		889	

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.	5285560	67896	76.4	10.601	889							
Dry Bulb	2207408	44250	49.7	2.950	890							90
Wet Bulb	1928090	41694	46.2	3.298	889							93
Dew Point	1616358	37692	42.4	8.530	689		1.3					42

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

2

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

PSYCHROMETRIC SUMMARY

7 4 40 — STATION
ADAK NA[illegible] AK — STATION NAME
73-80 — YEARS
FEB — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 57		.2	.1															3	3		
5 / 55		.4	.2		.1													7	7	5	
6/ 53	.3	1.3	2.1	.4														23	38	11	11
/ 51	.1	3.6	5.3	1.7														12	92	25	11
5 / 4[illegible]	.3	7.5	7.0	1.0														150	150	56	[illegible]
[illegible] / 47	.7	15.7	11.1	3.0	.1													281	281	155	83
[illegible] / 45	.11	.2	5.9	3.4	.1													203	203	224	142
4/ 43		7.9	5.7	1.3														98	98	140	170
/ 41		.2	1.2	.1														14	14	172	156
[illegible] / 3[illegible]		.3	.4															7	7	73	152
[illegible] / 37			.1															1	1	12	71
/ 35																				5	64
3 / 33																					48
2/ 31																					13
[illegible] / 29																					[illegible]
TOTAL	1.43	44	3.21	1.5	.3														894		894
																		894		894	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]13698	71614	80.1	9.289	894							
Dry Bulb	2[illegible]32589	42549	47.6	[illegible].901	894							99
Wet Bulb	18[illegible]5148	40066	44.8	3.266	894							99
Dew Point	1571054	37256	41.7	4.548	894		2.0					99

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4,4C STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | SEP 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
/ 57		.3	.1															4	4		
5 / 55		.2	.1															3	3	3	
/ 53	.3	1.2	1.2															25	25	9	10
/ 51	.1	2.5	3.3	.7														56	58	14	5
/ 49	.6	7.6	6.3	.6														134	134	49	31
/ 47	.6	13.7	7.7	1.6														223	203	138	53
5 / 45	.3	15.5	8.1	2.6														236	236	209	126
4/ 43	.1	8.7	5.3	1.2														141	141	156	171
2/ 41		7.5	2.6	.4														50	50	144	154
2/ 39	.2	1.1	1.5	.1														26	27	85	123
/ 37		.9	.2															11	10	37	64
/ 35		.1	.1															2	2	14	63
3 / 33																				2	43
2/ 31																				1	16
/ 29																					7
/ 27																					2
/ 25																					1
141	2.2	54.5	35.7	7.6															833		852
																		892		892	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	1038606	73358	82.2	8.921	892							
Dry Bulb	1737711	41495	46.5	7.274	892							
Wet Bulb	1742345	39297	44.1	3.532	892		.1					.1
Dew Point	1539313	26819	41.3	8.683	892		3.6					

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4643	ADAK NAS AK	73-87	SEP
STATION	STATION NAME	YEARS	MONTH

PAGE 1 — ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
67 / 63		.0	.0	.0														3	7		
/ 61			.0	.0														3	3	1	
/ 59		.0	.1															5	5	1	1
/ 57	.0	.2	.2	.1	.1													37	37		1
55 / 55	.1	.6	.6	.7	.2	.0												154	154	17	19
51 / 53	.3	1.3	2.6	1.5	.3													437	438	47	73
/ 51	.5	3.2	6.0	1.7	.3	.1												830	831	222	116
/ 49	.4	8.0	7.1	2.6	.5													1303	1303	637	273
47 / 47	.5	13.4	6.6	2.5	.3													1658	1659	1385	507
45 / 45	.3	12.3	6.5	1.9	.1													1401	1401	1765	1096
43 / 43	.1	6.9	4.0	1.0														711	712	1357	1483
41 / 41	.1	1.5	1.5	.2														235	236	686	1196
39 / 39	.1	.8	.4	.1														9	101	469	854
/ 37	.1	.5	.1															1	51	187	526
/ 35		.3	.2															29	29	59	413
33 / 33		.2	.1															7	7	25	279
/ 31																				15	166
/ 29																				2	43
/ 27																					14
/ 25																					11
TOTAL	.3	44.7	36.6	12.3	1.6	.0													7113		7106
																		7106		7106	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	469997e1	573467	80.7	10.66	7106							
Dry Bulb	16294847	335469	47.7	3.591	7113							7.0
Wet Bulb	14476200	319728	45.0	3.566	7106		1.7					720
Dew Point	12659484	298098	42.0	4.659	7106		23.9					720

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

2

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

PSYCHROMETRIC SUMMARY

...4... ADAK NAS AK ... 73-82 ... ...
STATION ... STATION NAME ... YEARS ... MONTH

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

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...97		.1	.1															2	2		
...96		.1																1	1		
...95			.2															3	3	1	
...94	.2	.1	.2															5	5		.4
...93		1..	.5	.1														27	27	6	1
...92	.5	3.6	1.7	.9														62	62	3	..
...91	.3	5.7	5.5	.5	.1													117	117	47	.1
...90	.1	6.5	7.7	1.9	.1													151	151	9	.6
...89	.1	6.3	1.0	2.9	.1													179	179	121	56
...88	.5	7.3	2.6	1.7	.1													196	198	156	..
...87		5.4	3.0	.3														1	61	272	113
...86	.5	4.1	1.3	.1														56	56	149	141
...85	.2	2.6																26	25	73	129
...84		1.6																17	17	27	127
...83		.2																2	2	16	89
...82																				1	44
...81																					55
...80																					
TOTAL	3.2	4.7	2.0	2.5	.4														924		9.4
																		924		924	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5.51642	72572	79..	9.246	924							
Dry Bulb	16072.3	38353	41.5	4.78	924		1.9					93
Wet Bulb	1414712	35242	38.9	4.185	924		4.4					93
Dew Point	1179928	32648	35.3	5.345	924		29.9					93

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

2

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

PSYCHROMETRIC SUMMARY

...T ... STATION | STATION NAME | 63-67 YEARS | OCT MONTH

DSCT | 2300-0500 HOURS (L.S.T.)

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
...		.3	.1															4	4		
.../ 5	.1	.2	.1															4	4	3	1
/ 1		.3	.3	.1														7	7	7	4
/ 4	.	1.3	.7	.1														21	21	5	7
/ 47	.	2.7	2.	.2														47	47	21	14
/ 4	.	5.5	2.7	.3														107	107	49	18
4/ 4	.3	.	7.1	1.5	.1													195	165	90	34
/ 41	.9	1.9	3.	2.2														100	100	137	72
/ 7	.4	7.5	6.8	2.1														176	176	194	136
/ 77	.7	7.9	4.3	.														116	116	155	124
/ 3	.2	4.	1.7	.1														59	60	199	111
/ 7	.	.6	.6															31	31	65	132
/ 31		1.5	.1															15	15	37	143
/		.3	.1															4	4	16	6
/ 2																				2	37
/																					2
/ 23																					6
/ 21																					3
T L	.	50.0	35.5	7.5	.1														-17		916
																		916		916	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,887 6	72936	79.6	9.421	916							
Dry Bulb	1500311	37875	41.3	4.173	917		1.0					93
Wet Bulb	13967 6	35554	38.8	4.272	916		5.8					93
Dew Point	11713.7	32369	35.4	5.339	916		29.8					93

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

2

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

PSYCHROMETRIC SUMMARY

(-9 45) ADAK NAS, AK 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0900
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.1	.1															2	2		
[illegible]		.1	.2	.3														14	14	3	
[illegible]	.3	1.2	1.2	.2														27	27	17	1
[illegible]	.1	2.4	1.3	.7														41	41	15	1
[illegible]	.3	5.2	2.1	.4														115	115	56	19
[illegible]	.7	8.7	7.2	2.3														170	170	33	43
[illegible]	.1	6.9	9.	2.6														171	171	139	80
[illegible]	.2	7.3	7.7	1.7	.1													164	164	142	89
[illegible]	.4	7.8	3.2	.4														101	102	172	122
[illegible]	.7	4.9	1.5	.2														68	68	148	122
[illegible]	.3	2.6	.7															35	35	85	128
[illegible]	.1	1.3	.2															17	17	35	134
[illegible]	.1	.2																3	3	17	71
[illegible]																				2	57
[illegible]																					16
[illegible]																					4
[illegible]																					2
TAL	2.1	8.9	3.7	8.6	.1														319		915
																		915		918	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5,32894	75242	79.8	9.67?	918							
Dry Bulb	1,55631	37979	41.3	9.187	919		2.2					x1
Wet Bulb	14,0292	35640	38.8	9.257	918		5.5					x1
Dew Point	1177328	32510	35.4	5.327	919		29.4					x1

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

2

CL[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
AI[illegible] WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

4[illegible]42 STATION | [illegible]ARK NAS, BA STATION NAME | [illegible]3-82 YEARS | OCT MONTH

PAGE 1 | 0900-11.3 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]/ [illegible]8			.1															1	1		
4/ [illegible]3		.1	.4															5	5		
[illegible]/ 51	.1	1.5	.5	.2														22	22	4	1
[illegible]/ 4[illegible]	.2	2.1	3.[illegible]	1.2	.1													62	62	62	13
[illegible]/ 47	.5	4.1	4.5	3.2	.2													113	113	77	21
[illegible]/ 45	.7	6.3	7.9	4.2														179	17[illegible]	[illegible]3	[illegible]
4/ 43	.3	6.2	9.5	4.2	.1													1[illegible]7	187	126	57
[illegible]/ 41	.1	6.5	3.6	4.0														177	177	174	7[illegible]
[illegible]/ 3[illegible]	.4	4.[illegible]	4.6	1.4														1[illegible]1	101	2[illegible]3	1[illegible]9
[illegible]/ 37	.3	2.5	1.[illegible]	.2														42	42	154	144
[illegible]/ 35	.1	1.4	.5															1[illegible]	1[illegible]	70	124
[illegible]/ 33		.7	.2															[illegible]	[illegible]	[illegible]3	123
[illegible]/ 31	.1	.2																[illegible]	[illegible]	[illegible]1	[illegible]8
[illegible]/ 2[illegible]	.1																	1	1	4	56
[illegible]/ [illegible]7																					41
[illegible]/ 25																					13
[illegible]/ 23																					[illegible]
2/ 21																					1
TOTAL	2.[illegible]3	[illegible].0	41.5	19.1	.4													[illegible]2[illegible]			[illegible]2[illegible]
																		920		[illegible]20	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	9505[illegible]57	70[illegible]01	76.6	[illegible]0.761	92[illegible]							
Dry Bulb	1768235	40193	43.7	3.758	920		.4					93
Wet Bulb	1[illegible]3,[illegible]8	37354	40.6	3.867	92[illegible]		1.4					[illegible]3
Dew Point	1259133	33695	36.6	5.221	920		20.4					93

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

2

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

PSYCHROMETRIC SUMMARY

...4,40 ADAK NAS AK 73-82 OCT
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1400
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
/ 57		.1	.1															2	2		
5 / 56		.2	.2															4	4	1	
4/ 53		.4	.7	.4														14	14	3	1
/ 51		.9	2.3	.2	.2	.3												5	42	9	3
/ 4	.2	1.7	3.3	4.4	.5													93	97	24	14
/ 47	.3	3.3	6.7	6.5	1.2	.1												169	169	51	23
6 / 45	.2	4.1	7.5	3.5	1.2													172	172	95	60
4/ 43	.2	6.3	12.0	6.3	.3													226	226	150	86
/ 41	.1	3.9	4.6	3.3	.1													109	109	175	76
6 / 3		2.3	2.7	1.1														56	56	221	131
/ 37		.4	..	.4														16	17	116	144
/ 35	.2	.4	.5															13	13	49	127
3 / 33																				14	119
/ 31	.1																	1	1	9	101
/ 2																					36
/ 27																					52
/ 25																					18
/ 23																					6
2/ 21																					1
3 1	1.	23.1	41.7	29.3	3.9	.4													218		917
																		917		917	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 89 F	≥ 93 F	Total
Rel. Hum.	459,828	66,458	72.9	11.265	917							
Dry Bulb	1280370	41412	45.1	3.652	918		.1					.1
Wet Bulb	1048.2	375.6	41.4	3.760	917		.2					.2
Dew Point	1261.59	336.4	36.7	5.315	917		0.3					.3

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

2

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

PSYCHROMETRIC SUMMARY

7...40 | A...AF NAT A... | 73-87 | OCT
STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
5 / 55		.3																2	2		
4/ 53		.3	.5															10	10	3	
/ 51	.1	.9	1.4	.4	.1													27	27	8	3
5 / 4...	.3	2.2	3.1	2.2	.3													74	74	19	11
/ 47		2.5	4.9	5.7	1.													129	129	41	21
4 / 45	.1	5.1	8.0	4.9	.6													1.2	123	45	25
4/ 43		5.2	9.3	5.1	.3													133	133	131	41
7/ 41	.2	5.4	8.1	3.7	.7													162	162	186	69
6 / ...	.3	3.1	5.7	1.4														96	96	279	116
3 / 37	.4	1.2	1.	.3														27	27	149	155
/ 35			1.3	.2														14	14	53	126
3 / 33	.2	.5																7	7	21	1.5
/ 31		.1																1	1	17	113
./ 2...																				1	4.
/ 27																					26
/ 25																					24
2 / 23																					5
2/ 21																					4
TOTAL	1.7	26.9	44.5	4.0	2.9													916			915
																		915		915	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5139147	67823	74.1	11.63	915							
Dry Bulb	1802407	40401	44.2	3.702	916		.1					93
Wet Bulb	1325.1	37283	42.7	3.822	915		1.3					93
Dew Point	1228513	33173	36.3	5.317	915		22.7					93

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] / 53		.1																1	1		
[redacted] / 5[redacted]	.1	.4	.2															7	7	4	2
[redacted] / 4[redacted]	.2	2.2	.8	.1														31	31	5	7
[redacted] / 47	.3	4.3	2.4	.2														64	64	33	13
[redacted] / 4[redacted]	.5	5.6	7.5	1.7	.2													144	144	56	32
[redacted] / 43	.1	6.2	11.2	3.5	.1													192	192	83	38
[redacted] / 41	.4	5.6	12.5	3.7														205	205	143	48
[redacted] / 3[redacted]	.5	5.2	7.6	1.4	.1													137	137	168	102
[redacted] / 37	.1	3.9	3.1	.7														72	72	197	110
[redacted] / 35	.1	2.6	.8															43	43	110	142
[redacted] / 33	.1	1.3	.5															19	19	66	126
[redacted] / 31		.2	.1															3	3	25	134
[redacted] / 2[redacted]	.3	.1																4	4	7	74
[redacted] / 27																				1	46
[redacted] / 25																					25
[redacted] / 23																					7
[redacted] / 21																					6
[redacted] TOT	2.2	37.6	47.8	11.3	.4														921		9.1
																		921		921	

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.	556.115	71027	77.1	9.976	921							
Dry Bulb	165.25.1	38843	42.2	3.717	921		.7					93
Wet Bulb	1437.65	36239	39.3	3.048	921		3.3					93
Dew Point	117928.8	32546	35.8	5.280	921		28.7					93

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

2

AL CLIMATOLOGY BRANCH
TAC
EAT & SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
[illegible]	ADAK NA AK	73-6[illegible]	OCT

PAGE 1 HOURS (L. S. T.) 21:6-23:6

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible]		.1																1	1		
[illegible]		.1	.2															3	3	[illegible]	[illegible]
[illegible]	.3	.3		.3														9	8	4	4
[illegible]		1.4	.5															18	13	6	1
[illegible]	.7	3.8	2.0	.7														65	65	27	14
[illegible]	.5	4.9	4.4	.7														96	96	51	40
47 / 43	.1	6.5	1.8	2.2	.4													105	105	76	31
[illegible] / 41	.7	6.3	11.9	1.7														120	120	125	58
[illegible] / 39	.4	6.4	3.7	2.1														111	111	17	97
[illegible] / 37		5.7	3.4	.7														90	90	204	113
[illegible] / 35	.2	2.8	1.4	.1														42	42	147	116
34 / 33	.3	1.6	.3															21	21	57	149
32 / 31		2.1																19	19	35	152
[illegible] / 29		.2																2	2	15	75
[illegible] / 27		.1																1	1	2	44
[illegible] / 25																				1	23
[illegible] / 23																					5
[illegible] / 21																					5
[illegible] / 19																					1
TOTAL	.34	2.34	5.9	8.2	.4														922		922
																		922		922	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5728980	72106	78.2	9.877	922							
Dry Bulb	1608166	38334	41.6	3.951	922		2.2					93
Wet Bulb	1608592	35938	38.9	4.112	922		5.3					93
Dew Point	1166097	32911	35.2	5.390	922		31.0					93

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

2

AL CLIMATOLOGY BRANCH
ETAC
FATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

[redacted] STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | 01 MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[redacted] / 57		.2	.2															4	4		
[redacted] / 55		.1	.1															14	14	3	
[redacted] / 53	.2	.2	.3	.1														42	42	12	
[redacted] / 51	.1	.7	.7	.2	.1	.2												133	133	42	2
[redacted] / 49	.2	1.7	1.6	1.1	.1													348	348	107	16
[redacted] / 47	.3	2.3	2.2	2.3	.3	.2												693	693	255	10
[redacted] / 45	.5	3.4	6.5	2.4	.2													1112	1113	496	227
[redacted] / 43	.2	6.7	9.3	3.4	.2													1456	1452	639	330
[redacted] / 41	.3	6.0	9.1	3.0	.1													1353	1353	1202	547
[redacted] / 39	.4	5.6	7.2	1.6	.3													1099	1099	1454	866
[redacted] / 37	.2	4.3	2.5	.4														545	547	1393	1021
[redacted] / 35	.3	2.5	1.3	.1														314	315	905	1259
[redacted] / 33	.2	1.5	.7															145	146	414	1339
[redacted] / 31	.1	.9	.1															76	76	195	908
[redacted] / 29	.1	.1	.3															16	16	78	506
[redacted] / 27		.2																1	1	6	304
[redacted] / 25																				1	175
[redacted] / 23																					47
[redacted] / 21																					25
[redacted] / 19																					2
TAL	.2	39.2	42.3	14.5	1.1	.1													7357		7353
																		7353		7353	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	44.7269	567445	77.2	10.38	7353							
Dry Bulb	134.5724	3135.0	42.6	9.150	7357		5.4					744
Wet Bulb	11705398	291792	39.7	9.150	7353		23.5					744
Dew Point	5622669	263.77	35.8	5.348	7353		212.2					744

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

2

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

PSYCHROMETRIC SUMMARY

...4F40 | A...AR VA... AR | 73-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-2250
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					.1													1	1		
... / 49				.2														2	2		
... / 47		.3	.6															5	5		
... / 45	.4	.9	1.1		.2													24	24	12	5
47 / 43	.9	3.5	2.1	.1														95	95	19	1
... / 41	.8	2.9	3.7	.5														71	71	54	18
... / 39	.4	5.5	6.3	1.0														150	150	61	43
... / 37	2.0	10.2	8.4	1.7														149	149	143	54
... / 35	1.3	9.6	5.7	1.5														142	143	179	109
33 / 33	.1	6.5	1.9	.2														114	114	133	93
... / 31	.1	3.7	2.2	.3														57	57	134	156
... / 29	.6	.9	.3															16	16	75	119
... / 27	.6	.9	.2															15	15	37	99
... / 25		.7																6	6	9	63
... / 23		.1																1	1	4	50
21 / 21	.2	.6																7	7	7	33
... / 19		.1																1	1	2	17
... / 17																					14
... / 15																					5
... / 13																					-
TOTAL	7.4	49.4	36.7	6.2	.2														893		892
																		892		892	

Element (X)	$\Sigma_{X'}$	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.	5639293	76241	78.7	11.016	892							
Dry Bulb	1244.74	33122	37.1	4.282	893		10.4					90
Wet Bulb	1072525	30963	34.7	4.294	892		24.3					90
Dew Point	880414	27560	30.9	5.695	892		56.2					90

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

2

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

PSYCHROMETRIC SUMMARY

[illegible] 4245 — STATION
AJAK NAS, AK — STATION NAME
73-82 — YEARS
NOV — 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
/ 51			.1															1	1		
/ 49		.1	.3	.2														6	6	1	
/ 47	.1	.2		.2														5	4	6	2
6 / 45	.1	.8	.8	.2														17	17	4	7
47 / 43	.3	1.9	1.6															34	34	24	6
/ 41	.7	5.3	3.1															51	41	32	17
[illegible] / [illegible]	1.0	7.5	7.5	1.6	.1													158	158	91	32
3 / 37	2.6	8.6	7.5	1.6														131	181	142	56
/ 35	1.2	9.7	7.6	1.6														175	175	159	117
3 / 33	.3	7.2	4.3	.6														110	110	142	142
/ 31	.1	5.2	3.7	.1														81	81	115	151
/ 29	.7	1.2	.4															21	21	85	111
/ 27	.1	.6																6	6	46	103
/ 25	.2	.7																6	8	7	78
/ 23		.1																4	1	5	36
2/ 21		.7																6	6	5	19
/ 1		.1																1	1	2	18
/ 17																				1	12
/ 15																					5
/ 13																					1
TOTAL	7.6	40.8	37.[illegible]	5.5	.1													893		893	893

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	570955.3	70769	79.2	10.649	893							
Dry Bulb	122855.3	32905	36.8	4.247	893		12.5					90
Wet Bulb	105422	30956	34.7	4.268	893		26.3					90
Dew Point	76685	27533	30.8	5.581	893		55.5					90

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

2

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

PSYCHROMETRIC SUMMARY

/ 4542 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS
NOV — MONTH

PAGE 1 — 2400-0300 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 51			.1															1	1		
[illegible] / 4		.2	.2															4	4		
[illegible] / 47	.1	.4		.2														7	7	6	1
[illegible] / [illegible]	.[illegible]	1.1	.5	.1														[illegible]	25	13	17
47 / 43	.3	1.6	1.7	.3														35	35	16	[illegible]
[illegible] / 41	1.0	2.6	3.5															63	63	75	12
[illegible] /	1.[illegible]	7.8	9.2	1.2	.1													1[illegible]	100	73	34
[illegible] / 37	2.7	8.2	6.9	.7														174	175	173	61
[illegible] / 35	.9	8.8	6.9	1.														1[illegible]	158	173	87
3[illegible] / 33	1.1	6.5	4.4	.7														113	113	174	117
[illegible] / 31	.4	4.7	3.7	.1														[illegible]	61	113	150
[illegible] / 2	.9	2.7	.8															38	38	66	141
[illegible] / 27	.3	.7																9	9	57	98
[illegible] / 25		.6																[illegible]	5	7	73
[illegible] / 27																			[illegible]	[illegible]	22
[illegible] / 21		.1																1	1	1	43
[illegible] / 1[illegible]		.1																1	1	1	3[illegible]
[illegible] / 17																					7
[illegible] / 15																					[illegible]
[illegible] / 13																					1
TOTAL	10.2	47.1	38.1	4.5	.1														896		894
																		894		894	

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5[illegible]89[illegible]	70457	79.4	10.244	894							
Dry Bulb	1232478	53.20	36.9	4.175	89[illegible]		13.[illegible]					5[illegible]
Wet Bulb	1[illegible]5963	3[illegible]925	34.3	4.261	894		27.1					9[illegible]
Dew Point	880750	27602	30.9	5.654	894		56.1					90

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

2

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

PSYCHROMETRIC SUMMARY

...4945 STATION ADAK NAS AK STATION NAME ...-80 YEARS NOV MONTH

PART I 0500-1100 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/		.3	.2	.1														6	6		
/ 47		.7	.2															9	9		
/ 45	.6	1.2	1.1	.2														[illegible]	28	14	10
/ 43	1.1	2.0	2.7	.7	.1													59	59	29	22
/ 41	1.6	2.9	6.5	2.3														117	117	43	26
/ 39	1.7	8.4	9.5	1.5														186	186	66	29
/ 37	.7	8.8	8.3	1.0														166	166	171	59
/ 35	1.5	6.5	6.1	1.5														155	155	136	54
/ 33	.6	5.2	5.1	.5														100	100	179	127
/ 31		2.7	2.3	.1														45	45	91	155
/ 29	.1	.8																5	5	61	111
/ 27		.7																6	6	15	32
/ 25																				5	24
/ 23																					9
/ 21																					3
/ 19																					14
/ 17																					5
101	7.8	42.1	42.2	7.8	.1														82		952
																		982		982	

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.	5501.29	68.61	70.21	1.172	982							
Dry Bulb	1232.56	33592	38.1	7.742	982		5.7					5.7
Wet Bulb	1128.31	31375	35.6	5.213	982		17.9					17.9
Dew Point	910.78	27938	31.7	5.393	982		52.8					52.8

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

2

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

PSYCHROMETRIC SUMMARY

STATION	STATION NAME	YEARS	MONTH
...4...45	...LAK NAS, AK	73-82	NOV

HOURS (L. S. T.) 1200-1800

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 4		.2	.4															7	7		
/ 47		.9	.6															13	17	6	1
/ 45	.2	1.9	1.8	.8	.7													51	51	25	13
/ 43	.	4.1	3.6	4.2	.1													113	113	35	23
/ 41	1.6	7.6	9.3	2.6	.2													157	157	64	27
/ 3	1.5	6.6	11.7	3.	.1													204	204	124	41
/ 3	.5	7.4	9.7	2.1														175	175	154	56
/ 35	.5	5.2	4.5	1.5	.1													135	135	213	89
/ 33		2.4	2.3	.6														46	46	180	127
/ 31	.1	1.5	.3															17	17	71	108
/ .																				3	124
/ 27																				5	91
/ 25																					59
/ 23																					24
/ 21																					11
/ 1																					1
/ 17																					2
/ 15																					1
TOTAL	.2	33.8	44.4	15.1	.5													968		968	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	165530	56...	75.3	11.549	968							
Dry Bulb	140032	35120	39.6	3.476	868		1.7					96
Wet Bulb	12...24	325...7	36.6	3.719	88...		11.0					96
Dew Point	943874	28536	32.1	5.503	868		49.8					96

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

2

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

PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 73-[illegible] YEARS | NOV MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ [illegible]			.1															1	1		
/ [illegible]		.2																2	2		
/ 47		.5	.1															6	6	2	
/ 46	.9	2.1	.9															35	35	12	11
/ 45	.8	2.4	2.9	2.3														74	74	[illegible]	[illegible]
/ 44	1.7	4.3	7.2	2.4														136	138	51	32
/ [illegible]	1.2	7.[illegible]	11.9	2.7	.1													204	204	103	58
/ 37	1.5	9.1	9.0	1.9	.1													122	123	135	72
/ 35	.2	7.1	5.7	.8														123	123	117	67
/ 33	.1	1.3	3.7	.6														73	73	102	103
/ 31		1.7	1.9	.1														73	73	[illegible]	109
/ [illegible]		.[illegible]	.5															7	8	47	1[illegible]
/ 27		.1																1	1	11	11
/ 25																				[illegible]	[illegible]
/ 23																					[illegible]
/ 21																					23
/ 19																					19
/ 17																					4
/ 15																					1
TOTAL	.5	43	64	13	1.	.2													890		[illegible]
																		458		398	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	[illegible]34477[illegible]	65162	76.[illegible]	1.11[illegible]	[illegible]8							
Dry Bulb	1[illegible]3,145	34365	38.6	3.554	89[illegible]		4.[illegible]					[illegible]
Wet Bulb	1157.[illegible]7	31971	35.9	3.768	[illegible]89		15.[illegible]					[illegible]
Dew Point	92,[illegible]24	26190	31.7	5.374	[illegible]86		53.[illegible]					[illegible]

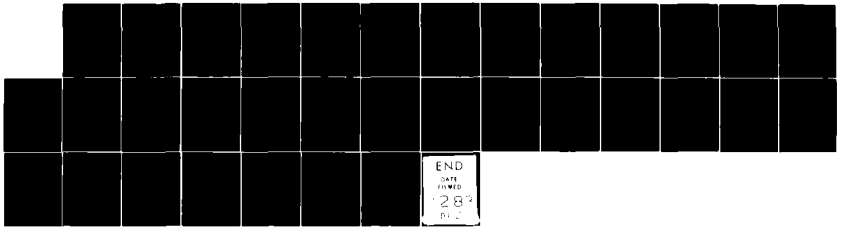
FORM NA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

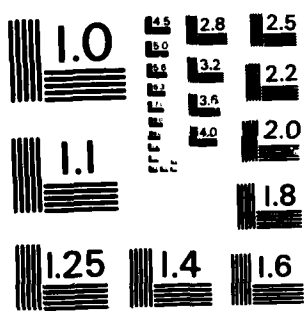
USAFETAC

AD-A134 203 ADAK NAS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS (..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. 24 AUG 83

UNCLASSIFIED USAFETAC/DS-83/038 SBI-AD-E850 421 F/G 4/2 NL

5/5





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

2

DET PAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4E4 | ADAK NAS AK | 73-82 | NOV
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1600-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 51			.1	.1														2	2		
/ 4		.3																3	3	1	
/ 47		.2																2	2	4	3
/ 45	.4	1.3	.2	.1	.1													20	20	6	8
4/ 43	1.5	2.6	3.6	.3														71	71	27	2
2/ 41	.4	3.1	3.4	1.9														79	79	34	15
/ 3	1.9	7.6	8.2	2.4														179	179	83	39
/ 37	1.6	8.7	9.1	1.5														187	187	158	61
/ 35	.8	9.5	7.3	1.1														167	167	152	82
3 / 33		6.3	3.9	.7														97	97	195	132
/ 31	.2	3.2	2.7	.6														60	60	112	172
/ 2	.3	1.1	.4															17	17	68	116
/ 27	.1	.3	.1															5	5	29	119
/ 25		.1																1	1	7	56
/ 23		.2																2	2	3	28
2/ 21		.1																1	1	2	30
/ 1																					29
/ 17																					7
/ 1																					3
/ 13																					3
TOT	7.5	44.9	38.9	8.6	.1													893	893		893
																		893		893	

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.	5573051	69911	78.2	11.30	893		8.7					90
Dry Bulb	1272966	33536	37.6	3.897	893		22.2					90
Wet Bulb	1113615	31325	35.1	4.171	893		56.7					90
Dew Point	894995	27809	31.1	5.701	893							90

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70454 ADAK NAS AK 73-82 NOV
STATION STATION NAME YEARS MONTH

 2100-2340 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55				.1														1	1		
4/ 53					.1													1	1		
2/ 51			.1															1	1		
5 / 49		.5																4	4	2	
9 / 47		.1																1	1	6	4
4 / 45	.2	1.5	.2															17	17	4	5
47/ 43	1.1	3.0	3.0	.7	.1													71	71	22	16
2/ 41	.6	2.8	3.8	.8														71	71	45	21
48/ 39	.6	6.0	7.6	1.9														142	142	71	24
3 / 37	.1	10.5	9.4	1.7														210	212	122	61
/ 35	.9	9.4	6.2	1.2														157	157	193	75
3 / 33	.5	6.3	5.5	.8														116	116	203	100
8/ 31	.2	3.3	2.7	.6														60	60	95	161
/ 29	.6	.3	.6															13	13	76	127
/ 27		.7	.1															7	7	31	91
/ 25		.9																8	8	15	68
2 / 23		.3																3	3	5	31
2/ 21		.2																2	2	1	33
/ 19		.2																2	2	4	23
/ 17																					10
/ 15																					4
/ 13																					2
TOTAL	6.8	46.0	39.2	7.8	.2													887	887	887	887

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	7520331	69259	78.1	11.265	887							
Dry Bulb	1249019	33709	37.2	4.198	887		9.6					9?
Wet Bulb	1187656	30828	34.8	4.278	887		23.2					9?
Dew Point	871066	27318	30.8	5.816	887		56.9					8?

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

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

2

PSYCHROMETRIC SUMMARY

7 4540 — STATION
ADAK NAS AK — STATION NAME
'73-82 — YEARS
NOV — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
5 / 55				•1														1	1		
4 / 53					•													2	2		
2 / 51			•1	•1														6	6		
1 / 49		•2	•2	•1														34	34	4	
9 / 47	•3	•4	•2	•1														51	51	36	11
4 / 45	•5	1•4	•9	•2	•1													217	217	92	79
14/ 43	•8	2•6	2•7	1•1	•1													515	515	203	118
1 / 41	1•0	3•4	5•1	1•3	•3													777	777	358	176
5 / 39	1•3	7•4	9•0	2•0	•1													1403	1403	679	2[illegible]
1 / 37	1•7	9•1	8•5	1•5	•1													1484	1486	1236	490
1 / 35	•9	8•5	6•3	1•2	•3													1202	1203	1429	736
3 / 33	•3	5•5	4•4	•6														769	769	1416	994
2 / 31	•2	3•2	2•4	•2														433	434	783	1293
1 / 29	•4	•9	•4															117	118	534	954
1 / 27	•1	•5	•1															49	49	280	798
1 / 25	•1	•4																28	28	55	512
1 / 23		•1																7	7	22	249
2/ 21	•	•2																17	17	16	255
1 / 19		•1																5	5	9	175
1 / 17																				1	61
1 / 15																					<1
1 / 13																					11
TOTAL	7•4	84•0	60•0	8•3	•3													7117	7122	7117	7117

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	44193138	555086	78.0	11.243	7117							
Dry Bulb	10253427	268677	37.7	4.64	7122		66.5					720
Wet Bulb	8951918	250690	35.2	4.134	7117		167.9					720
Dew Point	7178886	222482	31.3	5.610	7117		437.9					720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2

[illegible] STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47		.2																2	2		
4 / 45		.1																1	1	2	
4 / 43		.4	.5															9	9	1	2
2 / 41		2.3	1.1															30	30	6	1
[illegible] / 39	1.3	4.1	3.1	.1														78	78	44	13
[illegible] / 37	1.3	7.7	4.9	.7														132	132	75	38
[illegible] / 35	.9	11.6	6.4	.4														176	176	108	55
3 / 33	.7	10.4	7.2	1.1														177	177	202	81
[illegible] / 31	1.0	6.7	5.3	.2														120	121	131	154
[illegible] / 29	.1	3.8	3.9	.1														73	73	125	168
[illegible] / 27		3.7	1.5															48	48	80	95
[illegible] / 25		1.6	.3															18	18	69	83
[illegible] / 23		1.4																13	13	27	51
2 / 21		1.5																14	14	11	78
[illegible] / 19	.2	1.4																15	15	17	59
[illegible] / 17	.1	.5																6	6	14	36
1 / 15		.1																1	1	1	27
[illegible] / 13																					10
1 / 11																					14
[illegible] / 9																					2
TOTAL	5.6	57.7	34.1	2.6															914		913
																		913		913	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5669574	71298	78.1	10.568	913							
Dry Bulb	1058139	36783	33.7	8.880	914		31.9					93
Wet Bulb	927875	28765	31.5	8.367	913		88.8					93
Dew Point	722729	25513	27.8	6.409	913		73.6					93

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

2

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

PSYCHROMETRIC SUMMARY

704540 ADAK NAS AK 73-87 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
4 / 45		.1																1	1		
47 / 43		.1	.2															3	3	1	
2 / 41	.3	2.6	1.4															40	40	4	4
4 / 39	1.4	4.6	2.0															73	73	53	15
3 / 37	1.2	6.7	6.3	.6														134	134	75	52
/ 35	1.1	12.3	5.3	.8														177	177	102	44
3 / 33	1..	9.5	6.2	.8														149	149	192	93
27 31	.7	8.5	5.6	.9														142	143	119	1.8
/ 29	.3	4.7	3.1	.1														75	76	125	113
/ 27	.1	3.3	2.0															49	49	96	90
/ 25	.1	1.8	.4															21	21	71	89
2 / 23		1.8	.1															17	17	29	56
27 21		1.1																10	10	15	60
/ 19		1.2																11	11	16	76
1 / 17		.2																2	2	5	32
1 / 15		.2																2	2	3	27
/ 13		.1																1	1	1	23
1 / 11		.1																1	1	1	9
/ 9																					3
/ 7																					1
/ 5																					1
TOTAL	6.3	56.0	32.6	3.1															910		918
																		908		906	

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.	5658676	7960	78.1	11.170	908							
Dry Bulb	1046402	30554	33.6	4.761	910		34.0					93
Wet Bulb	917752	28528	31.4	4.862	908		49.3					93
Dew Point	715508	24782	27.3	6.569	908		72.2					93

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

2

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

PSYCHROMETRIC SUMMARY

72[illegible]40 A AK NAS AK 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 [illegible]-0800 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
[illegible] / 45			.2															2	2		
4/ 43		.1	.5															6	6		
[illegible] / 41	.5	2.7	1.2	.1														42	42	11	5
[illegible] / 3[illegible]	1.3	4.4	2.5	.1														76	76	54	14
[illegible] / 37	1.1	7.4	5.5	.7														134	134	63	41
[illegible] / 35	1.6	9.8	5.6	1.4														169	169	115	64
[illegible] / 33	1.1	[illegible].7	6.5	.9														175	175	189	86
[illegible] / 31	.2	8.1	4.9	.7														133	134	186	129
[illegible] / [illegible]	.5	3.4	2.8															62	66	123	120
[illegible] / 27	.4	3.8	1.4															52	52	88	134
[illegible] / 25	.1	1.8	.7															23	24	69	72
[illegible] / 23	.1	1.4																14	14	23	60
[illegible]/ 21	.1	1.[illegible]																10	10	15	75
[illegible] / 1[illegible]	.1	1.[illegible]																10	10	9	62
[illegible] / 17		.1																1	1	8	35
[illegible] / 15		.1																1	1	1	21
[illegible] / 13		.4																4	4	3	15
1 / 11																				1	10
[illegible] / [illegible]																					4
/ 7																					1
[illegible]TAL	[illegible].0	56.3	31.8	3.8														914	920	914	914

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.	572795	71617	78.4	11.287	914							
Dry Bulb	1067055	31025	33.7	8.758	920		31.9					93
Wet Bulb	534487	26895	31.4	8.797	914		89.[illegible]					93
Dew Point	736098	25156	27.5	6.828	914		72.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

PSYCHROMETRIC SUMMARY

7[illegible]4540 ADAK NAS AK 73-82 DEC
STATION STATION NAME YEARS MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
[illegible] / 45		.2	.1															3	3		
47 / 43	.2	.9	1.2	.1														22	22	5	3
[illegible] / 41	.7	3.1	1.6	.1														50	50	19	5
[illegible] / 39	1.4	3.5	2.6	.3														72	72	58	43
[illegible] / 37	1.5	7.5	6.1	.9														146	147	67	48
/ 35	1.1	10.1	7.0	.9														174	175	112	58
33 / 33	.7	11.3	8.7	1.1														189	189	198	69
[illegible] / 31	1.[illegible]	5.3	5.8	1.1														120	121	148	149
[illegible] / 29	.3	3.6	3.3	.1														67	67	121	115
[illegible] / 27	.4	2.2	.8															31	31	94	89
/ 25		1.5	.1															15	15	52	90
[illegible] / 23		.5	.1															6	6	18	62
21 / 21	.3	.5																8	17	8	73
[illegible] / 19		.1																1	1	4	65
[illegible] / 17	.1	.3																4	4	3	32
[illegible] / 15		.2																2	2	2	19
[illegible] / 13																				1	6
1 / 11																					4
/ [illegible]		.1																1	1		
/ 7																				1	
/ 3																					1
TOTAL	7.8	50.1	37.[illegible]	4.6															916		911
																		911		911	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5606868	70720	77.6	11.336	911							
Dry Bulb	1107662	31586	34.5	4.496	916		26.2					93
Wet Bulb	964132	29342	32.2	4.578	911		96.1					93
Dew Point	749881	25519	28.0	6.205	911		72.0					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7454 ADAK NAS AK — STATION / STATION NAME
73-82 — YEARS
DEC — MONTH

1270-1400 — 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
/ 49		.1																1	1		
/ 47																				1	
4 / 45			.6															5	5		1
4/ 43		1.3	.9															20	20	2	
3/ 41	.4	3.9	1.7	.2														56	56	23	5
/ 39	3.1	4.9	3.7	.9														113	113	76	44
/ 37	.9	8.3	9.6	2.7														194	194	82	45
/ 35	.8	8.3	7.1	1.8														162	162	132	59
3/ 33	1.2	8.2	8.3	2.1														179	180	198	82
2/ 31	.3	4.9	5.6	.6														108	108	156	138
/ 29	.2	2.8	2.0															45	45	124	110
/ 27		1.2	.7															17	17	77	116
/ 25		.1																1	1	27	97
2/ 23	.1	.1																2	2	8	55
2/ 21		.1																1	1	2	65
/ 19																					51
1 / 17																					25
1/ 15																					9
1 / 13																					1
1 / 11																					1
TOTAL	7.6	44.1	40.0	8.2														905			904
																		904		904	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5859178	69848	76.8	12.032	904							
Dry Bulb	1169327	32291	35.7	3.668	905		17.9					93
Wet Bulb	1109361	29999	33.2	3.917	904		40.1					
Dew Point	782648	26078	28.8	5.799	904		68.7					

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

2

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

724940	ADAK NAS AK	73-82	DEC
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
/ 47		.3	.2															5	5		
/ 45		.3	.4															7	7	3	1
4/ 43		.4	.9															12	12	7	3
2/ 41	.4	2.3	1.8															41	41	12	3
4?/ 3?	1.2	4.8	4.0	.2														92	92	55	24
/ 37	.9	7.9	7.7	.8														155	155	69	37
/ 35	.2	9.5	9.2	1.5														182	182	134	53
3 / 33	1.1	7.7	8.7	1.2														168	168	151	70
/ 31	1.1	5.2	5.5	.8														113	113	147	151
/ 29	.9	3.0	3.8	.1														70	70	130	126
/ 27	.6	2.6	.6															33	33	90	95
/ 25		.3	.3															6	6	47	85
2 / 23	.1	.3																4	4	17	64
2/ 21		.3																3	3	3	80
/ 19	.1	.2																3	3	4	45
1 / 17	.1																	1	1	3	27
1 / 15		.1																1	1		18
/ 13																				1	8
1 / 11																					2
10/ 9																					2
TAL	6.2	45.5	43.1	4.6														896	896		896
																		896		896	

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. Num.	5372320	68659	76.6	11.180	896							
Dry Bulb	1108054	31284	34.9	4.197	896		24.3					93
Wet Bulb	961071	29091	32.5	4.301	896		85.2					93
Dew Point	739191	25175	28.1	5.965	896		73.2					93

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]540 ADAK NAS AK 73-82 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 1600-2000 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			Dry Bulb	Wet Bulb	Dew Point
[illegible] / 47		.2																	2	2		
4 / 45		.4	.2																6	6	3	
4 / 43		.8	.8																14	14	3	5
[illegible] / 41	.3	2.0	1.0																30	30	14	2
50 / 39	1.1	3.8	2.5	.1															69	69	44	17
2 / 37	1.1	9.2	5.7	.2															148	148	64	35
7 / 35	.3	1.4	5.7	1.0															159	159	129	55
3 / 33	.9	9.9	8.2	1.5															187	188	172	70
27 / 31	.9	7.1	5.3	.1															122	122	137	168
[illegible] / 29	.4	4.1	2.7	.4															70	70	141	96
[illegible] / 27	.3	4.5	1.8																60	61	86	96
[illegible] / 25		2.1	.4																23	23	76	99
[illegible] / 23		.9																	8	8	23	58
2 / 21		.2	.1																3	3	6	81
[illegible] / 19		.1																	1	1	3	64
[illegible] / 17	.2	.2																	4	4	4	26
1 / 15		.3																	3	3	2	23
[illegible] / 13		[illegible]																	2	2	3	9
1 / 11																					1	3
[illegible] / 9																						2
[illegible] / 7																						2
TOTAL	5.6	56.5	34.5	3.4																913		911
																			911		911	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	563837[illegible]	71010	77.9	10.488	911							
Dry Bulb	10758[illegible]7	31059	34.0	4.592	913		30.3					93
Wet Bulb	9[illegible]0616	28966	31.8	3.643	911		89.2					93
Dew Point	733228	25228	[illegible]	6.166	911		78.2					93

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

CLIMATIC CLIMATOLOGY BRANCH
USAFETAC
WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4543 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | DEC MONTH

PAGE 1 | 2100-2320 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
[illegible] / 45			.1															1	1		
[illegible] / 47		.2																2	2		
4 / 45	.2	.1																3	3	5	2
4 / 43		1.0	.9															17	17	2	3
4 / 41		1.3	1.2															23	23	13	1
5 / 39	1.2	4.5	2.9	.3														81	81	34	16
7 / 37	1.1	8.4	4.5	.4														131	131	72	35
[illegible] / 35	.1	12.4	5.6	.4														169	170	116	58
3[illegible] / 33	1.0	9.9	7.3	1.0														174	174	200	81
[illegible] / 31	.8	6.9	5.6	.1														122	122	116	161
[illegible] / 29	.3	3.3	4.2															71	71	140	114
[illegible] / 27		4.6	1.6															57	57	78	81
[illegible] 25	.1	2.0	.1															20	20	77	81
2 / 23	.1	1.4																14	14	42	56
[illegible] / 21		.9																8	8	14	89
[illegible] / 19		.7																6	6	7	61
[illegible] / 17	.1	.4																5	5	5	33
[illegible] / 15	.1	.1																2	2	5	21
[illegible] / 13		.1																1	1		12
1 / 11	.3																	3	3	4	8
[illegible] /																					1
/ 7																					4
TOTAL	5.5	59.2	34.0	2.3														910	911	910	910

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.	5672948	71250	78.3	10.186	910							
Dry Bulb	1061095	30763	33.8	4.948	911		31.5					93
Wet Bulb	930724	28756	31.6	4.923	910		47.8					93
Dew Point	727446	25076	27.6	6.332	910		73.8					93

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

CLIMATAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 4540 STATION — ADAK NAS AK STATION NAME — 73-82 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.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 49			.0	.0														2	2		
/ 47			.1	.1														11	11	1	
/ 45	.0	.2	.2															28	28	13	4
47 43	.0	.6	.7	.0														143	103	21	16
/ 41	.3	2.5	1.4	.1														312	312	102	26
/ 39	1.5	4.3	2.9	.3														654	654	418	161
/ 37	1.1	7.9	6.3	.9														1174	1175	567	331
/ 35	.8	11.6	6.5	1.0														1364	1370	948	434
3 / 33	.9	9.5	7.6	1.2														1398	1400	1532	632
/ 31	.3	6.6	5.4	.6														980	984	1150	1178
/ 29	.4	3.6	3.2	.1														533	538	1029	904
/ 27	.2	3.2	1.3															347	348	695	766
/ 25	.0	1.4	.3															127	128	488	696
/ 23	.1	1.3	.0															78	78	156	462
/ 21	.1	.7	.0															57	59	74	501
/ 19	.1	.6																47	47	63	461
/ 17	.1	.2																23	23	42	246
/ 15	.0	.2																12	12	14	165
/ 13		.1																8	8	9	89
1 / 11	.0	.0																4	4	7	51
/ 9		.0																1	1		14
/ 7																				1	8
/ 5																					1
/ 3																					1
TOTAL	.0	53.4	35.9	4.1															7285		7267
																		7267		7267	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	48021839	564913	77.7	11.51	7267							
Dry Bulb	5688631	249345	34.2	9.602	7285		227.7					744
Wet Bulb	7586018	232392	32.0	9.656	7267		375.2					744
Dew Point	5903729	202027	27.8	6.255	7267		579.8					744

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

2

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

PSYCHROMETRIC SUMMARY

7...40 | ADAK NAS AK | 73-82 | ALL

STATION | STATION NAME | YEARS | MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
/ 71					•	•0		•0	•0									4	4		
/ 69								•	•0									2	2		
/ 67				•0	•0													5	6		
6/ 65			•	•0			•	•0										16	16		
4/ 63		•0	•0	•0	•0		•											31	31	3	
/ 61		•0	•0	•0	•0	•0	•0	•0										60	60	10	2
/ 59		•0	•0	•0	•0	•0	•0	•										115	115	44	17
/ 57	•0	•1	•1	•1	•2	•	•	•										319	319	9	54
5 / 55	•	•4	•4	•2	•1	•0	•0											1020	1020	276	176
4/ 53	•1	•9	1•0	•3	•1	•	•0											2056	2060	661	363
/ 51	•1	1•9	1•6	•4	•1	•												3669	3671	1677	824
5 / 49	•2	3•5	2•0	•6	•1	•0												5454	5455	3330	1787
/ 47	•2	4•6	1•7	•7	•1	•												6350	6358	5865	3076
4 / 45	•4	4•7	2•4	•6	•1													7051	7056	6701	5399
47 43	•4	3•9	2•7	•8	•0													6922	6926	6375	5938
/ 41	•6	3•7	3•1	•8	•	•0	•											7034	7035	6548	5514
6/ 39	•9	4•2	3•3	•7	•													7917	7921	7213	5887
3 / 7	1•4	5•1	3•3	•6	•0													8922	8931	8423	6343
/ 35	1•2	5•8	3•4	•6	•													9440	9448	9832	7176
3 / 33	•8	4•9	3•2	•4														8101	8110	10090	7227
/ 31	•6	3•2	2•4	•2														5512	5518	7102	9488
/ 29	•4	1•5	1•2	•1														2741	2749	5662	6666
/ 27	•3	1•2	•4	•0														1672	1674	3410	5535
/ 25	•1	•8	•2															987	988	2213	4288
2 / 23	•1	•4	•0															449	451	964	2958
2/ 21	•1	•2	•															315	317	487	2894
/ 1	•0	•2	•0															171	171	245	2245
/ 17	•	•1																85	86	125	1191
/ 15	•0	•0	•0															33	33	48	628
/ 13	•0	•0	•0															29	29	27	383
1 / 11	•0	•0																16	17	29	106
/ 9	•0	•0																5	6	7	78
/ 7	•0	•0																2	2	2	33
/ 5																				1	6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

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

2

CL[illegible]RAL CLIMATOLOGY BRANCH
[illegible]FETAC
A[illegible]EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7454 STATION | ADAK NAS AK STATION NAME | 73-82 YEARS | ALL MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
/ 3																					5
/ 1																					1
/ -1																					2
/ -3																					1
TOTAL	[illegible]0851.532.9 7.[illegible]	.5	.1	.[illegible]	.[illegible]	.[illegible]												86438	8-514	86438	86438

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.	571895919	6964101	80.6	11.186	86438							
Dry Bulb	148501968	3878560	40.2	7.319	86514		1219.9	1.2				8760
Wet Bulb	121657625	3276449	37.9	7.186	86438		2261.5					8760
Dew Point	109229540	2988572	34.5	8.853	86438		3718.8					8760

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704540 ADAK NAS AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	32.0	31.8	33.4	35.3	37.8	42.4	46.5	48.8	46.2	41.5	37.1	33.7	38.9
	S D	4.963	4.525	4.345	3.397	2.797	3.076	3.192	2.914	3.403	4.078	4.282	4.840	6.955
	TOTAL OBS	921	838	916	891	923	893	922	920	890	924	893	914	10845
3-05	MEAN	32.0	31.7	33.3	35.1	37.6	42.1	46.2	48.7	46.[illegible]	41.3	36.8	33.6	38.7
	S D	5.116	4.685	4.409	3.511	2.962	3.049	3.318	3.002	3.47[illegible]	4.173	4.247	4.761	6.968
	TOTAL OBS	921	834	919	891	918	882	921	917	883	917	893	910	10806
6-08	MEAN	32.1	31.5	33.4	35.6	38.7	43.2	47.0	49.0	46.3	41.3	36.9	33.7	39.1
	S D	4.998	4.853	4.315	3.614	2.905	2.959	3.254	2.777	3.496	4.187	4.175	4.758	7.108
	TOTAL OBS	910	836	915	892	916	887	923	918	891	919	896	920	10823
9-11	MEAN	3[illegible].9	33.0	35.3	37.8	41.0	45.5	49.4	51.4	49.1	43.7	38.1	34.5	41.0
	S D	4.491	4.419	4.130	3.505	2.765	3.294	3.484	3.042	2.982	3.758	3.792	4.496	7.430
	TOTAL OBS	917	837	914	890	917	88[illegible]	921	920	884	920	882	916	10800
12-14	MEAN	34.4	34.6	36.6	39.1	42.4	47.2	51.1	52.8	50.4	45.1	39.6	35.7	42.5
	S D	3.568	3.910	4.108	3.452	3.168	3.590	3.865	3.301	2.997	3.652	3.476	3.668	7.381
	TOTAL OBS	914	840	918	888	918	889	918	917	888	918	888	905	10793
15-17	MEAN	33.7	34.0	36.1	38.8	41.9	46.9	50.9	52.4	49.7	44.2	38.6	34.9	41.9
	S D	3.714	3.993	4.093	3.495	3.016	3.681	3.743	3.037	2.950	3.702	3.554	4.197	7.490
	TOTAL OBS	911	831	919	878	917	867	921	922	890	916	890	896	10778
18-20	MEAN	32.6	32.4	34.4	36.9	40.0	45.0	48.9	50.5	47.6	42.2	37.6	34.0	40.2
	S D	4.347	4.283	4.244	3.269	2.767	3.191	3.308	2.695	2.901	3.717	3.897	4.592	7.250
	TOTAL OBS	923	837	919	892	921	898	921	927	894	921	893	913	10859
21-23	MEAN	32.3	32.0	33.7	35.7	38.4	43.2	47.1	49.0	46.5	41.6	37.2	33.8	39.3
	S D	4.597	4.495	4.303	3.311	2.737	2.968	3.129	2.584	3.274	3.950	4.198	4.998	6.948
	TOTAL OBS	919	832	919	887	923	892	919	916	893	922	887	911	10815
ALL HOURS	MEAN	32.8	32.6	34.5	36.8	39.7	44.4	48.4	50.3	47.7	42.6	37.7	34.2	40.2
	S D	4.581	4.532	4.421	3.749	3.372	3.735	3.884	3.326	3.591	4.150	4.064	4.602	7.319
	TOTAL OBS	7336	6685	7325	7109	7353	7110	7362	7357	7113	7357	7122	7285	86519

USAFETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

704540 ADAK NAS AK 73-82

STATION STATION NAME YEARS

HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	30.3	30.1	31.8	33.3	36.0	40.8	44.9	47.1	44.0	38.9	34.7	31.5	37.0
	S D	4.991	4.491	4.475	3.727	3.038	3.174	3.175	2.822	3.653	4.185	4.284	4.867	7.010
	TOTAL OBS	921	838	916	890	922	893	921	919	889	924	892	913	10838
03-05	MEAN	30.3	30.0	31.6	33.1	35.9	40.6	44.7	46.9	43.9	38.8	34.6	31.4	36.8
	S D	5.112	4.654	4.523	3.778	3.177	3.092	3.365	2.839	3.714	4.272	4.268	4.862	7.029
	TOTAL OBS	921	832	919	891	918	881	920	916	881	916	893	908	10796
06-08	MEAN	30.3	29.8	31.6	33.6	36.8	41.4	45.3	47.3	44.1	38.8	34.6	31.6	37.2
	S D	5.050	4.831	4.409	3.887	3.171	2.981	3.216	2.647	3.629	4.257	4.261	4.797	7.151
	TOTAL OBS	909	836	915	892	915	887	923	918	891	918	894	914	10812
09-11	MEAN	31.0	31.0	33.1	35.3	38.5	43.0	47.0	49.0	46.1	40.6	35.6	32.2	38.6
	S D	4.430	4.379	4.257	3.740	2.905	3.138	3.261	2.686	3.075	3.867	3.913	4.578	7.264
	TOTAL OBS	912	835	913	889	917	879	920	920	883	920	882	911	10781
12-14	MEAN	32.2	32.1	34.0	36.1	39.3	44.1	48.0	49.9	46.7	41.4	36.6	33.2	39.5
	S D	3.806	3.893	4.264	3.657	3.083	3.302	3.406	2.837	3.068	3.760	3.719	3.917	7.127
	TOTAL OBS	914	840	914	888	918	889	913	917	887	917	888	904	10789
15-17	MEAN	31.6	31.6	33.6	35.8	38.9	43.9	47.8	49.6	46.2	40.7	35.9	32.5	39.1
	S D	4.008	4.018	4.208	3.708	3.043	3.440	3.322	2.683	3.098	3.822	3.768	4.301	7.244
	TOTAL OBS	908	831	918	876	916	885	918	921	889	915	888	896	10761
18-20	MEAN	30.8	30.5	32.4	34.4	37.5	42.6	46.5	48.2	44.8	39.3	35.1	31.8	37.9
	S D	4.481	4.317	4.404	3.592	2.905	3.170	3.118	2.487	3.266	3.944	4.071	4.643	7.151
	TOTAL OBS	923	837	914	892	921	898	921	926	894	921	893	911	10851
21-23	MEAN	30.5	30.2	31.9	33.6	36.4	41.3	45.3	47.2	44.1	38.9	34.8	31.6	37.2
	S D	4.652	4.497	4.460	3.639	2.964	3.095	3.106	2.532	3.532	4.112	4.278	4.923	6.983
	TOTAL OBS	919	832	914	885	923	892	918	916	892	922	887	910	10810
ALL HOURS	MEAN	30.9	30.7	32.5	34.4	37.4	42.2	46.2	48.2	45.0	39.7	35.2	32.0	37.9
	S D	4.634	4.464	4.465	3.880	3.283	3.428	3.474	2.917	3.566	4.150	4.134	4.656	7.186
	TOTAL OBS	7327	6681	7323	7103	7350	7104	7354	7353	7106	7353	7117	7267	86938

USAFETAC FORM JUL 84 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0-02	MEAN	26.7	26.3	28.6	29.8	33.2	38.8	43.1	45.5	41.4	35.3	30.9	27.4	34.0
	S D	6.527	6.082	5.980	5.291	4.192	3.925	3.768	3.248	4.797	5.345	5.695	6.409	8.332
	TOTAL OBS	921	838	916	890	922	893	921	919	889	924	892	913	10838
03-05	MEAN	26.6	26.4	28.3	29.7	33.2	38.7	43.0	45.4	41.4	35.4	30.8	27.3	33.9
	S D	6.723	6.277	6.060	5.275	4.360	3.811	3.973	3.196	4.745	5.339	5.581	6.569	8.375
	TOTAL OBS	921	832	919	891	918	881	920	916	881	916	893	938	10796
06-08	MEAN	26.6	26.1	28.3	30.0	33.9	39.3	43.6	45.8	41.6	35.4	30.9	27.5	34.1
	S D	6.693	6.476	5.915	5.438	4.543	3.817	3.810	3.055	4.669	5.327	5.654	6.428	8.521
	TOTAL OBS	909	836	915	892	915	887	923	918	891	918	894	914	10812
09-11	MEAN	27.3	27.1	29.3	31.2	34.9	40.2	44.5	46.9	43.0	36.6	31.7	28.0	35.1
	S D	6.203	6.090	5.893	5.561	4.448	4.117	4.122	3.164	4.370	5.221	5.393	6.205	8.523
	TOTAL OBS	912	835	913	889	917	879	920	920	883	920	882	911	10791
12-14	MEAN	28.1	27.6	29.6	31.7	35.2	40.6	44.9	47.3	42.9	36.7	32.1	28.8	35.5
	S D	5.933	5.875	6.090	5.644	4.596	4.492	4.256	3.443	4.557	5.315	5.503	5.799	8.487
	TOTAL OBS	914	840	914	888	918	889	913	917	887	917	888	904	10789
15-17	MEAN	27.4	27.2	29.3	31.3	34.8	40.4	44.6	47.1	42.4	36.3	31.7	28.1	35.1
	S D	6.088	5.942	5.951	5.685	4.609	4.565	4.179	3.306	4.538	5.317	5.374	5.965	8.517
	TOTAL OBS	908	831	918	876	916	885	918	921	889	915	888	896	10761
18-20	MEAN	27.1	26.7	28.6	30.4	33.9	39.7	43.9	46.2	41.7	35.4	31.1	27.7	34.4
	S D	6.253	6.092	6.023	5.451	4.299	4.165	3.942	3.090	4.548	5.280	5.701	6.166	8.426
	TOTAL OBS	923	837	914	892	921	898	921	926	894	921	893	911	10851
21-23	MEAN	26.9	26.8	28.5	30.0	33.5	39.2	43.3	45.6	41.3	35.2	30.8	27.6	34.1
	S D	6.312	6.162	6.072	5.318	4.197	3.928	3.769	3.042	4.683	5.390	5.816	6.332	8.329
	TOTAL OBS	919	832	914	885	923	892	918	916	892	922	887	910	10810
ALL HOURS	MEAN	27.1	26.7	28.8	30.5	34.1	39.6	43.9	46.2	42.0	35.8	31.3	27.8	34.5
	S D	6.363	6.144	6.015	5.502	4.466	4.164	4.037	3.276	4.659	5.348	5.610	6.255	8.453
	TOTAL OBS	7327	6681	7323	7103	7350	7104	7354	7353	7106	7353	7117	7267	86438

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 STATION — ADAK NAS AK STATION NAME — 73-82 PERIOD — JAN 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	100.0	100.0	100.0	99.7	95.2	81.2	56.2	24.6	81.2	921
	03-05	100.0	100.0	100.0	100.0	99.5	94.0	78.9	55.7	25.3	81.0	921
	06-08	100.0	100.0	100.0	100.0	99.7	93.9	78.4	53.7	26.1	80.7	909
	09-11	100.0	100.0	100.0	100.0	99.3	92.2	75.4	52.9	28.2	80.5	912
	12-14	100.0	100.0	100.0	100.0	98.9	89.1	69.8	47.6	23.2	78.5	914
	15-17	100.0	100.0	99.9	99.8	99.0	91.5	71.5	48.2	20.2	78.5	908
	18-20	100.0	100.0	100.0	100.0	99.1	94.1	79.6	55.4	21.9	80.6	923
	21-23	100.0	100.0	100.0	100.0	99.7	94.1	80.5	55.9	24.4	80.9	919
TOTALS		100.0	100.0	100.0	100.0	99.4	93.0	76.9	53.2	24.2	80.2	7327

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

704540 ADAK NAS AK 73-82 FEB
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	100.0	100.0	100.0	99.9	95.0	77.6	53.3	26.5	80.8	838
	03-05	100.0	100.0	100.0	100.0	99.4	94.1	79.6	55.5	27.5	81.3	832
	06-08	100.0	100.0	100.0	100.0	98.8	94.7	79.7	51.6	25.6	80.9	836
	09-11	100.0	100.0	100.0	100.0	99.3	92.8	74.7	48.1	24.1	79.7	835
	12-14	100.0	100.0	100.0	100.0	97.6	86.1	64.5	40.0	19.3	76.5	840
	15-17	100.0	100.0	100.0	100.0	98.4	88.3	64.4	41.8	18.5	76.9	831
	18-20	100.0	100.0	100.0	100.0	99.6	93.2	76.0	50.8	23.9	79.9	837
	21-23	100.0	100.0	100.0	100.0	99.6	94.5	76.8	53.1	23.3	80.3	832
TOTALS		100.0	100.0	100.0	100.0	99.1	92.3	74.2	49.3	23.6	79.5	6681

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

704540 ADAK NAS AK 73-82 MAR
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR	00-02	100.0	100.0	100.0	100.0	99.7	97.3	86.5	61.5	29.1	82.9	916
	03-05	100.0	100.0	100.0	99.9	99.7	97.7	84.9	58.3	26.3	82.3	919
	06-08	100.0	100.0	100.0	100.0	99.8	97.5	82.8	57.9	27.4	82.2	915
	09-11	100.0	100.0	100.0	100.0	99.6	95.0	74.5	47.6	22.8	79.6	913
	12-14	100.0	100.0	100.0	100.0	99.1	89.5	62.3	37.6	16.5	76.3	914
	15-17	100.0	100.0	100.0	100.0	99.2	91.5	65.8	38.3	17.4	76.8	918
	18-20	100.0	100.0	100.0	100.0	100.0	95.7	78.0	48.1	20.2	79.8	914
	21-23	100.0	100.0	100.0	100.0	99.9	96.8	82.9	56.8	23.7	81.6	914
TOTALS		100.0	100.0	100.0	100.0	99.6	95.1	77.2	50.8	22.8	80.2	7323

USAFETAC FORM AM 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 ADAK NAS AK — 73-82 — APR
STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	100.0	100.0	100.0	100.0	98.3	79.6	51.5	21.0	80.6	890
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	81.8	54.3	21.1	81.0	891
	06-08	100.0	100.0	100.0	100.0	99.9	97.0	80.2	53.4	21.7	80.4	892
	09-11	100.0	100.0	100.0	99.8	99.4	90.4	68.8	43.2	16.8	77.5	889
	12-14	100.0	100.0	100.0	100.0	98.3	84.1	60.0	40.4	16.2	75.6	888
	15-17	100.0	100.0	100.0	100.0	98.9	83.4	61.1	38.1	14.6	75.3	876
	18-20	100.0	100.0	100.0	100.0	99.8	92.7	67.0	43.9	18.8	77.9	892
	21-23	100.0	100.0	100.0	100.0	99.9	97.6	76.6	49.0	21.5	79.9	885
TOTALS		100.0	100.0	100.0	100.0	99.5	92.7	71.9	46.7	19.0	78.5	7103

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 STATION — ADAK NAS AK STATION NAME — 73-82 PERIOD — MAY MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.8	90.7	70.2	22.9	83.7	922
	03-05	100.0	100.0	100.0	100.0	100.0	98.8	90.8	70.6	25.1	84.1	918
	06-08	100.0	100.0	100.0	100.0	100.0	97.3	88.1	64.2	26.0	83.2	915
	09-11	100.0	100.0	100.0	100.0	99.9	93.6	75.1	49.2	17.2	79.4	917
	12-14	100.0	100.0	100.0	99.9	99.0	87.3	66.4	37.9	12.9	76.3	918
	15-17	100.0	100.0	100.0	100.0	99.1	90.0	64.7	40.1	12.8	76.5	916
	18-20	100.0	100.0	100.0	100.0	100.0	95.8	76.8	47.9	14.2	79.2	921
	21-23	100.0	100.0	100.0	100.0	99.9	98.4	88.0	62.4	21.0	82.5	923
TOTALS		100.0	100.0	100.0	100.0	99.7	95.0	80.1	55.3	19.0	80.6	7350

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 — STATION
ADAK NAS AK — STATION NAME
73-82 — PERIOD
JUN — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	100.0	99.9	99.8	97.0	78.7	38.1	87.0	893
	03-05	100.0	100.0	100.0	100.0	99.8	99.4	97.0	81.4	41.8	87.6	881
	06-08	100.0	100.0	100.0	100.0	99.7	99.2	95.0	75.4	35.7	86.4	887
	09-11	100.0	100.0	100.0	100.0	99.7	96.8	87.6	56.3	23.9	82.0	879
	12-14	100.0	100.0	100.0	99.7	98.8	93.3	75.1	44.9	14.3	78.2	889
	15-17	100.0	100.0	100.0	99.8	98.8	93.7	76.6	44.4	14.9	78.4	885
	18-20	100.0	100.0	100.0	100.0	99.9	98.9	85.2	56.2	23.9	82.1	898
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.3	71.6	33.4	85.8	892
TOTALS		100.0	100.0	100.0	99.9	99.6	97.6	88.7	63.6	28.3	83.4	7104

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (PERIOD) JUL (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.9	98.6	85.7	37.7	88.1	921
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.8	87.0	40.7	88.7	920
	06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.9	82.2	38.6	87.9	923
	09-11	100.0	100.0	100.0	99.8	99.5	97.5	92.2	64.1	23.9	83.5	920
	12-14	100.0	100.0	99.9	99.6	99.0	97.0	84.6	46.8	14.1	79.9	913
	15-17	100.0	100.0	100.0	99.7	99.0	96.8	81.6	46.4	13.9	79.5	918
	18-20	100.0	100.0	100.0	99.8	99.5	98.5	91.2	61.9	20.5	83.0	921
	21-23	100.0	100.0	100.0	100.0	99.9	99.6	97.4	80.8	33.5	86.5	918
TOTALS		100.0	100.0	100.0	99.9	99.6	98.6	92.8	69.4	27.5	84.6	7354

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

704540 (STATION) ADAK NAS AK (STATION NAME) 73-82 (PERIOD) AUG (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.0	88.0	37.3	88.2	919
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	88.2	39.1	88.2	916
	06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	88.5	40.0	88.5	918
	09-11	100.0	100.0	100.0	100.0	100.0	98.9	94.9	71.5	24.3	84.8	920
	12-14	100.0	100.0	100.0	99.8	99.7	96.9	89.3	57.5	16.9	82.0	917
	15-17	100.0	100.0	100.0	99.8	99.7	98.2	90.3	58.5	16.2	82.2	921
	18-20	100.0	100.0	100.0	100.0	99.8	99.4	96.3	72.5	24.6	85.2	926
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	99.6	86.6	36.1	87.8	916
TOTALS		100.0	100.0	100.0	100.0	99.9	99.2	96.0	76.4	29.3	85.9	7353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

704540 STATION | ADAK NAS AK STATION NAME | 73-82 PERIOD | SEP MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	00-02	100.0	100.0	100.0	100.0	100.0	98.1	91.2	65.4	22.3	83.5	889
	03-05	100.0	100.0	100.0	100.0	100.0	98.1	91.5	68.4	22.1	83.6	891
	06-08	100.0	100.0	100.0	100.0	100.0	98.2	91.2	65.4	25.3	83.8	891
	09-11	100.0	100.0	100.0	100.0	99.8	96.0	83.4	47.1	12.9	79.6	883
	12-14	100.0	100.0	100.0	100.0	99.2	92.0	68.5	34.4	11.0	76.2	887
	15-17	100.0	100.0	100.0	100.0	99.6	91.7	72.9	31.9	10.3	76.4	889
	18-20	100.0	100.0	100.0	100.0	99.9	97.8	84.5	47.9	14.8	80.1	894
	21-23	100.0	100.0	100.0	100.0	100.0	98.5	88.5	59.9	17.8	82.2	892
TOTALS		100.0	100.0	100.0	100.0	99.8	96.3	84.0	52.6	17.1	80.7	7106

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 ADAK NAS AK 73-82 OCT
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	00-02	100.0	100.0	100.0	100.0	99.9	95.9	77.5	47.2	11.5	79.0	924
	03-05	100.0	100.0	100.0	100.0	99.9	96.8	80.7	49.9	11.7	79.6	916
	06-08	100.0	100.0	100.0	100.0	99.9	96.4	79.5	50.5	14.6	79.8	918
	09-11	100.0	100.0	100.0	100.0	99.8	91.3	69.5	37.8	8.7	76.6	920
	12-14	100.0	100.0	100.0	100.0	98.5	84.4	55.4	25.3	6.7	72.9	[illegible]
	15-17	100.0	100.0	100.0	100.0	98.8	87.4	61.0	29.1	7.0	74.1	915
	18-20	100.0	100.0	100.0	100.0	99.6	95.2	71.4	37.4	9.1	77.1	921
	21-23	100.0	100.0	100.0	100.0	99.5	95.8	75.8	41.2	11.6	78.2	922
TOTALS		100.0	100.0	100.0	100.0	99.5	92.9	71.4	39.8	10.1	77.2	7353

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 STATION | ADAK NAS AK STATION NAME | 73-82 PERIOD | NOV MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
NOV	00-02	100.0	100.0	100.0	100.0	99.7	93.7	75.9	47.0	15.6	78.7	892
	03-05	100.0	100.0	100.0	100.0	99.4	94.8	77.9	48.9	16.0	79.2	893
	06-08	100.0	100.0	100.0	100.0	99.6	95.5	76.4	46.9	15.7	79.4	894
	09-11	100.0	100.0	100.0	100.0	99.4	94.0	72.8	42.7	14.3	78.2	882
	12-14	100.0	100.0	100.0	99.9	98.9	88.1	61.6	33.4	10.2	75.3	898
	15-17	100.0	100.0	100.0	100.0	99.2	93.0	68.2	37.2	11.8	76.8	888
	18-20	100.0	100.0	100.0	100.0	98.5	93.5	74.5	43.4	14.8	78.2	893
	21-23	100.0	100.0	100.0	100.0	99.4	93.2	74.6	43.5	14.2	78.1	887
TOTALS		100.0	100.0	100.0	100.0	99.3	93.2	72.7	42.9	14.2	78.0	7117

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 ADAK NAS AK 73-82 DEC
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	100.0	100.0	100.0	100.0	99.8	94.6	73.9	45.5	12.5	78.1	913
	03-05	100.0	100.0	100.0	100.0	99.3	93.3	74.1	46.1	12.6	78.1	908
	06-08	100.0	100.0	100.0	100.0	99.5	93.3	74.2	45.8	14.9	78.4	914
	09-11	100.0	100.0	100.0	100.0	99.2	93.3	72.8	43.2	13.4	77.6	911
	12-14	100.0	100.0	100.0	100.0	98.8	90.8	67.6	41.5	13.1	76.8	904
	15-17	100.0	100.0	100.0	100.0	99.9	92.0	69.2	40.1	11.7	76.6	896
	18-20	100.0	100.0	100.0	100.0	99.9	94.6	74.8	44.6	12.6	77.9	911
	21-23	100.0	100.0	100.0	100.0	100.0	95.9	74.3	45.4	12.4	78.3	910
TOTALS		100.0	100.0	100.0	100.0	99.6	93.5	72.6	44.0	12.9	77.7	7267

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4540 STATION — ADAK NAS AK STATION NAME — 73-82 PERIOD — ALL MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.4	93.0	76.9	53.2	24.2	80.2	7327
FEB		100.0	100.0	100.0	100.0	99.1	92.3	74.2	49.3	23.6	79.5	6681
MAR		100.0	100.0	100.0	100.0	99.6	95.1	77.2	50.8	22.8	80.2	7323
APR		100.0	100.0	100.0	100.0	99.5	92.7	71.9	46.7	19.0	78.5	7103
MAY		100.0	100.0	100.0	100.0	99.7	95.0	80.1	55.3	19.0	80.6	7350
JUN		100.0	100.0	100.0	99.9	99.6	97.6	88.7	63.6	28.3	83.4	7134
JUL		100.0	100.0	100.0	99.9	99.6	98.6	92.8	69.4	27.5	84.6	7354
AUG		100.0	100.0	100.0	100.0	99.9	99.2	96.0	76.4	29.3	85.9	7353
SEP		100.0	100.0	100.0	100.0	99.8	96.3	84.0	52.6	17.1	80.7	7106
OCT		100.0	100.0	100.0	100.0	99.5	92.9	71.4	39.8	10.1	77.2	7353
NOV		100.0	100.0	100.0	100.0	99.3	93.2	72.7	42.9	14.2	78.0	7117
DEC		100.0	100.0	100.0	100.0	99.6	93.5	72.6	44.0	12.9	77.7	7267
TOTALS		100.0	100.0	100.0	100.0	99.6	95.0	79.9	53.7	20.7	80.5	86438

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

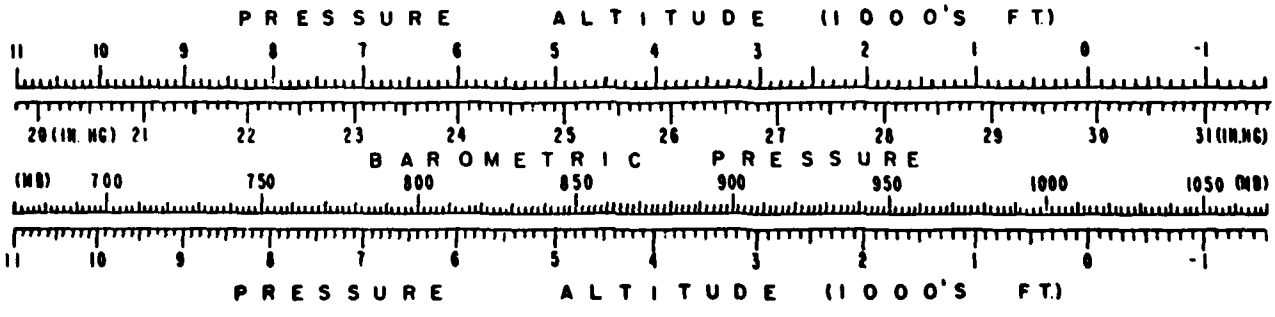
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

704540 ADAK NAS AK 73-82

STATION STATION NAME YEARS

HRS (L.S.T.)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	29.409	29.503	29.516	29.758	29.745	29.861	29.888	29.834	29.849	29.735	29.589	29.480	29.681
	S D	.429	.468	.445	.379	.322	.305	.252	.262	.319	.433	.431	.460	.416
	TOTAL OBS	309	282	305	299	309	300	310	308	299	310	299	309	3639
4	MEAN	29.396	29.488	29.506	29.741	29.723	29.839	29.867	29.810	29.826	29.710	29.573	29.455	29.661
	S D	.428	.471	.443	.379	.321	.302	.252	.264	.318	.434	.427	.457	.414
	TOTAL OBS	307	276	305	295	308	294	304	302	295	305	298	302	3591
7	MEAN	29.396	29.498	29.521	29.749	29.737	29.855	29.884	29.826	29.843	29.725	29.584	29.464	29.674
	S D	.432	.463	.446	.385	.324	.303	.251	.265	.319	.429	.420	.453	.415
	TOTAL OBS	308	282	310	299	308	297	309	308	298	309	298	308	3634
10	MEAN	29.407	29.503	29.530	29.753	29.733	29.853	29.880	29.821	29.844	29.724	29.588	29.472	29.676
	S D	.435	.458	.451	.388	.325	.301	.251	.265	.322	.428	.417	.456	.413
	TOTAL OBS	305	279	304	291	306	296	304	305	292	309	291	303	3585
13	MEAN	29.397	29.512	29.538	29.760	29.744	29.862	29.888	29.824	29.841	29.722	29.584	29.469	29.678
	S D	.437	.459	.449	.382	.318	.301	.250	.269	.324	.424	.421	.454	.414
	TOTAL OBS	309	282	307	300	306	297	306	306	296	308	298	306	3621
16	MEAN	29.384	29.486	29.503	29.742	29.724	29.838	29.871	29.803	29.815	29.702	29.559	29.456	29.659
	S D	.434	.462	.444	.375	.315	.301	.247	.269	.326	.421	.428	.450	.412
	TOTAL OBS	301	277	306	293	307	293	310	307	298	306	297	293	3588
19	MEAN	29.398	29.505	29.520	29.758	29.737	29.849	29.882	29.818	29.836	29.728	29.580	29.468	29.674
	S D	.434	.461	.448	.372	.317	.304	.246	.265	.324	.419	.432	.460	.413
	TOTAL OBS	309	279	308	299	310	299	309	309	300	309	300	308	3639
22	MEAN	29.394	29.509	29.519	29.760	29.746	29.854	29.882	29.826	29.844	29.728	29.580	29.459	29.676
	S D	.431	.467	.449	.375	.318	.307	.248	.267	.323	.426	.433	.463	.416
	TOTAL OBS	308	271	303	291	307	295	306	307	298	308	297	303	3594
ALL HOURS	MEAN	29.398	29.501	29.519	29.753	29.736	29.851	29.881	29.820	29.837	29.722	29.582	29.465	29.673
	S D	.432	.463	.446	.379	.320	.303	.249	.265	.322	.426	.426	.456	.414
	TOTAL OBS	2456	2228	2498	2367	2461	2371	2458	2452	2376	2464	2378	2432	28891

USAFETAC FORM 0-89-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

7 4540 ADAK NAS AK 73-82

STATION STATION NAME YEARS

HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	996.5	999.7	1000.3	1008.4	1007.9	1011.8	1012.8	1010.9	1011.4	1007.6	1002.6	999.0	1005.8
	S D	14.492	15.847	15.103	12.794	10.878	10.343	8.504	8.869	10.758	14.609	14.597	15.587	14.054
	TOTAL OBS	310	282	307	299	309	299	310	309	300	310	299	309	3693
04	MEAN	996.4	999.6	1000.2	1008.1	1007.5	1011.4	1012.4	1010.4	1011.1	1007.1	1002.5	998.6	1005.4
	S D	14.485	15.912	15.024	12.832	10.901	10.265	8.535	8.905	10.764	14.639	14.492	15.444	14.000
	TOTAL OBS	307	277	306	296	309	293	304	302	296	306	298	302	3596
7	MEAN	996.1	999.5	1000.3	1008.0	1007.7	1011.7	1012.6	1010.6	1011.2	1007.2	1002.4	998.5	1005.5
	S D	14.612	15.660	15.125	13.016	10.989	10.269	8.497	8.957	10.809	14.488	14.238	15.351	14.028
	TOTAL OBS	309	282	310	299	309	298	310	308	299	309	298	310	3641
10	MEAN	996.8	999.9	1001.0	1008.5	1007.8	1012.0	1012.9	1010.8	1011.6	1007.6	1003.0	999.2	1005.9
	S D	14.675	15.417	15.309	13.030	10.997	10.212	8.453	8.928	10.887	14.406	14.183	15.367	13.962
	TOTAL OBS	306	278	309	292	306	295	306	306	293	309	291	305	3591
13	MEAN	996.0	1000.0	1000.9	1008.4	1007.8	1011.8	1012.8	1010.6	1011.1	1007.1	1002.9	998.6	1005.6
	S D	14.803	15.535	15.226	12.907	10.807	10.169	8.447	9.105	10.991	14.336	14.271	15.362	14.012
	TOTAL OBS	310	282	307	300	307	299	306	306	298	309	298	306	3628
16	MEAN	996.0	999.5	1000.1	1008.2	1007.6	1011.4	1012.5	1010.2	1010.7	1006.8	1001.9	998.4	1005.3
	S D	14.621	15.628	15.078	12.612	10.650	10.223	8.340	9.081	10.998	14.214	14.531	15.200	13.923
	TOTAL OBS	302	277	306	293	307	293	310	308	299	308	298	298	3597
19	MEAN	996.1	999.7	1000.3	1008.3	1007.6	1011.4	1012.5	1010.3	1011.0	1007.3	1002.3	998.6	1005.5
	S D	14.654	15.597	15.157	12.564	10.709	10.316	8.327	9.057	10.939	14.169	14.627	15.579	13.975
	TOTAL OBS	310	280	308	300	310	299	309	310	300	309	300	308	3693
22	MEAN	996.3	1000.1	1000.6	1008.8	1008.3	1012.0	1013.1	1011.0	1011.6	1007.7	1002.7	998.6	1005.9
	S D	14.624	15.771	15.291	12.025	10.756	10.418	8.361	8.994	11.009	14.341	14.660	15.664	14.097
	TOTAL OBS	309	273	303	292	307	295	305	308	299	308	297	303	3599
ALL HOURS	MEAN	996.3	999.8	1000.4	1008.3	1007.8	1011.7	1012.7	1010.6	1011.2	1007.3	1002.5	998.7	1005.6
	S D	14.603	15.648	15.139	12.782	10.824	10.264	8.424	8.977	10.882	14.374	14.429	15.425	14.007
	TOTAL OBS	2963	2231	2951	2371	2969	2371	2960	2957	2388	2968	2379	29391	28938

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