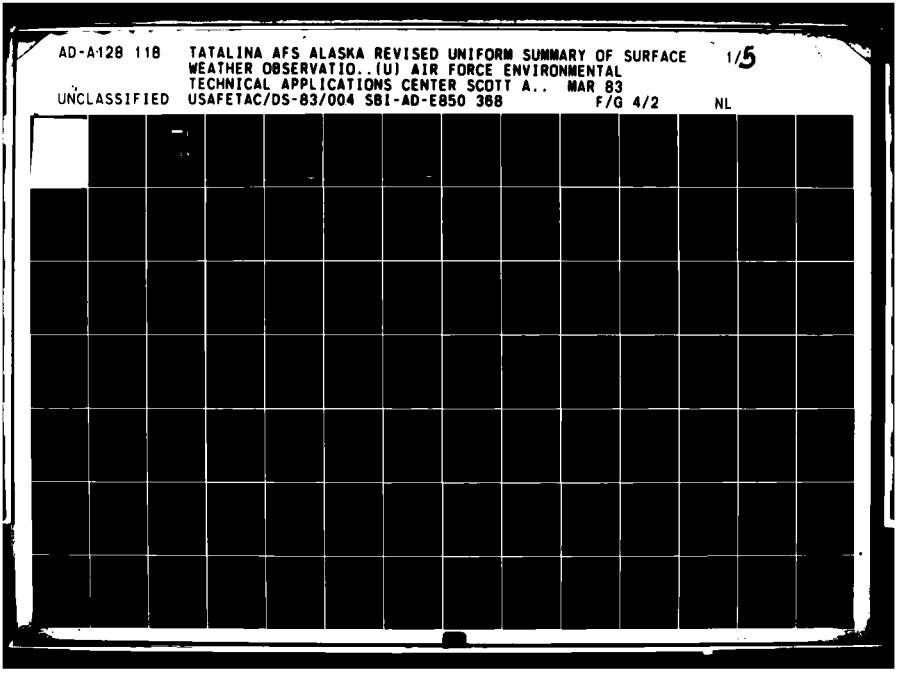
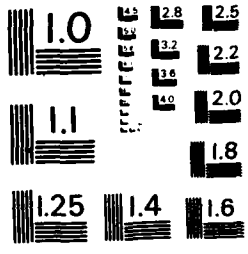
AD-A128 118 TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83 1/5

UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 368 F/G 4/2 NL





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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

TATALINA AFS AK MSC# 702315
N 62 53 W 155 58 ELEV: 964 FT PATL

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

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

TIME CONVERSION GMT TO LST: -10

2 MAR 1983

21 MAR 1983

FEDERAL BUILDING
ASHEVILLE, N. C.

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REVIEW AND APPROVAL STATEMENT

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

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

Wayne E. McCollom

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Chief, Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

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AWS Scientific and Technical
Information Officer (STINFO)

UNCLASSIFIED ADE 850 368 USAK 702315
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REPORT DOCUMENTATION PAGE

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1 REPORT NUMBER: USAFETAC/DS 83/004
2 GOVT ACCESSION NO.:
3 RECIPIENT'S CATALOG NUMBER:
4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)-

TATALINA AFS, ALASKA

5 TYPE OF REPORT & PERIOD COVERED: Final rept
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9 PERFORMING ORGANIZATION NAME AND ADDRESS:
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Air Force Environmental Technical Appl. Center
Scott AFB, IL 62225
10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS:
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15a DECLASSIFICATION DOWNGRADING SCHEDULE:
16 DISTRIBUTION STATEMENT (of this Report)

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17 DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)
18 SUPPLEMENTARY NOTES
19 KEY WORDS (Continue on reverse side if necessary and identify by block number)

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

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

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

TATALINA AFS, ALASKA

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

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

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

*ALASKA

*TATALINA AFS
*

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

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

U S AIR FORCE
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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: [illegible], 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

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

JANUARY	APRIL	JULY	OCTOBER
FEBRUARY	MAY	AUGUST	NOVEMBER
MARCH	JUNE	SEPTEMBER	DECEMBER

STATION NO. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WBAN NUMBER
702315	TATALINA ALASKA AFS	N 62 53	W 155 58	964	PATL	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Tatalina AFS Alaska	AFS	Jul 52	Feb 56	N 62 54	W 155 59	964	939Ft	14 to 24
2	No Change	AFS	Mar 56	Feb 59	No Change	No Change	937	No Change	19 to 24
3	No Change	AFS	Mar 59	Feb 61	No Change	No Change	960	No Change	19
4	No Change	AFS	Mar 61	Sep 63	N 62 53	W 155 58	No Change	No Change	19
5	No Change	AFS	Oct 63	24Jan 67	No Change	No Change	940	897Ft	19 to 24
6	No Change	AFS	25 Jan67	Dec 70	No Change	No Change	974	931Ft	14 to 24
7	Same	AFS	Jan 71	Feb 83	Same	Same	964	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 52to Feb 54	Located on top of Weather Station.	Anemometer	Indicator ML-117	9Ft	
2	Mar 54 to Feb 61	No Change	AN/GMQ-1	ML-204B	25Ft	
3	Mar 61 to Feb 64	Located 900 ft N of Weather Station.	AN/GMQ-1	Ind.ID373	13Ft	
4	Mar 64 to Feb 65	Located 150 ft E of Rnwy center line and 250 ft N of S end of Rnwy.	No Change	No Change	No Chge	
5	Mar 65 to 23 Jan 67	Located along E side of Rnwy that runs N-S approx. 3/8 mile fron S end.	No Change	No Change	No Chge	
6	24 Jan 67 to25Mar67	Located on 150 ft dropback midway along the Rnwy.	No Change	RO-2	No Chge	

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CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECEIVER	HT. ABOVE GROUND	
7	26Mar67to 24Apr 67	Located along E side of Rnwy that runs N-S approx. 3/8 mile from S end.	No Change	Ind.ID-377	No Chge	
8	25Apr67to Dec 70	No Change	No Change	RO-2	No Chge	
9	Feb 83	Same	Same	Same	Same	

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 3 5 TATALINA AFS AK 73-81 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JAN	00-02		.3	.5	14.9		15.2	9.1		.5		9.6	738
	03-05		.6	.3	17.4		18.3	10.3		.4		11.2	739
	06-08		.9	.1	17.2		17.8	10.9				11.9	737
	09-11		.5	.2	15.3		15.7	12.4		.2		13.7	734
	12-14		.6	.4	19.1		20.3	11.3		.4		12.4	737
	15-17		1.0	.3	16.4		17.7	9.2				9.2	736
	18-20		.7	.5	12.6		13.6	9.4				9.4	734
	21-23		.2	.2	15.8		16.3	10.0				10.0	669
TOTALS			.6	.3	16.1		16.8	10.3		.1		10.4	5536

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 | TATALINA AFS AK | 73-81 | FE-
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		.3		13.0		13.0	5.6				5.[illegible]	467
	03-05		.4	.3	14.6		15.1	6.6				[illegible]	[illegible]
	06-08		1.0	.3	15.6		16.2	8.6				8.8	736
	09-11		.3	.4	15.3		15.7	7.9		.4		8.[illegible]	737
	12-14		.3	.4	13.1		13.4	5.6				5.3	738
	15-17		1.3	.7	12.6		14.3	6.4				6.[illegible]	677
	18-20		1.5	1.3	7.3		9.8	7.6		.3		7.6	395
	21-23		1.0	.8	9.6		10.6	3.8		.5		4.3	397
TOTALS			.6	.5	12.7		13.5	6.5		.1		6.6	5358

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702315 | TATALINA AFS AK | 73-81 | MAR

STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAR	00-02		.5		15.8		15.9	4.8		.1		4.9	748
	03-05				19.8		19.8	8.7		1.0		9.2	825
	06-08		.1		23.3		23.4	11.5		1.5		12.1	825
	09-11				21.5		21.5	9.7		.2		9.7	824
	12-14		.1	.1	17.3		17.5	5.3		.2		5.5	925
	15-17		.9		15.4		16.0	5.1		.8		5.8	781
	18-20		.9		12.0		12.9	4.5		.4		4.9	567
	21-23		.8		11.5		12.3	3.7		.2		3.7	592
TOTALS			.4	.0	17.1		17.4	6.7		.6		7.0	6987

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 | TATALINA AFS AK | 73-81 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
APR	00-02		2.0		11.7		13.5	3.9				3.9	735
	03-05		1.6		12.1		13.1	5.7				5.7	810
	06-08		1.9		15.8		17.2	5.6		.2		5.8	809
	09-11		3.0	.4	13.6		16.0	4.8				4.8	810
	12-14		3.2		13.1		15.3	4.6				4.6	810
	15-17		3.2		10.5		13.7	3.6				3.6	810
	18-20		3.1		11.1	.2	13.7	5.0				5.0	620
	21-23		2.4		11.3		13.2	6.1				6.1	539
TOTALS			2.6	.1	12.4	.0	14.5	4.9		.0		4.9	5942

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
MAY — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
MAY	00-02		6.2		1.5		7.7	1.3				1.3	758
	03-05		8.6		1.7		10.3	3.2				3.2	833
	06-08		8.2		3.6		11.3	4.8				4.8	834
	09-11		0.6		2.3		9.7	3.1				3.1	838
	12-14	.2	9.8		2.0	.2	10.9	1.8				1.8	834
	15-17	.4	11.2		.8	.2	11.9	.2				.2	832
	18-20	.2	8.8		.8		9.6	.3				.3	805
	21-23		8.9		2.2		10.9	1.3				1.3	548
TOTALS		.1	8.8		1.9	.1	10.3	2.0				2.0	6078

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUN	00-02	.4	13.1				13.1	3.2				3.2	724
	03-05	.1	15.8				15.8	4.6				4.6	789
	06-08		16.6				16.6	5.4	.4			5.8	789
	09-11		17.5				17.5	3.2	.1			3.3	758
	12-14	.6	19.7				19.7	1.8				1.8	768
	15-17	.9	15.8				15.8	1.1				1.1	741
	18-20	1.1	16.9				16.9	3.1				3.1	455
	21-23	.6	15.1				15.1	3.1				3.1	484
TOTALS		.5	16.3				16.3	3.2	.1			3.3	5558

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7?2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
JUL	00-02	.4	16.9				16.9	5.4	.3			5.7	741
	03-05		17.4				17.4	9.3	.4			9.7	803
	06-08		18.0				18.0	10.0	.5			10.4	804
	09-11	.1	16.2				16.2	6.0	.9			6.9	801
	12-14	.5	13.8				13.8	3.5	.4			3.9	803
	15-17	1.6	17.7				17.7	2.0	.4			2.4	701
	18-20	2.0	17.5				17.5	3.4				3.4	497
	21-23		17.0				17.0	5.3				5.3	525
TOTALS		.6	16.8				16.8	5.6	.4			6.0	5675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (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		13.9				13.9	4.7	1.4			5.7	722
	03-05		17.1				17.1	9.0	1.0			9.8	[illegible]
	06-08		18.4				18.4	11.2	1.2			12.4	801
	09-11		16.5				16.5	5.5	1.5			6.6	[illegible]
	12-14	.6	17.5				17.5	2.9	1.3			4.1	[illegible]
	15-17	.5	14.7				14.7	2.0	1.2			3.3	641
	18-20	.9	14.5				14.5	1.7	1.5			3.1	545
	21-23	.4	16.3				16.3	3.0	1.3			4.3	529
TOTALS		.3	16.1				16.1	5.0	1.3			6.2	5639

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-2315	TATALINA AFS AK	73-61	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	.1	18.2		3.2	.1	21.3	9.3				9.3	714
	03-05		15.6	.3	4.2		20.2	10.7				10.7	779
	06-08		15.6	.0	3.4		19.2	13.4				13.4	783
	09-11		17.0	.3	3.6		20.7	10.6				10.6	786
	12-14		17.5		2.8		20.1	5.8				5.8	782
	15-17		14.9		2.0		16.7	3.8				3.8	659
	18-20	.4	13.9		2.4		16.3	4.8				4.8	541
	21-23		17.3		3.2		20.2	7.7				7.7	504
TOTALS		.1	16.3	.2	3.1	.0	19.3	8.2				8.2	5548

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7[illegible]2315 | TATALINA AFS AK | 73-81 | OCT
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
OCT	00-02		3.7	.9	21.0		25.2	12.8				12.8	791
	03-05		3.2	1.2	21.6		25.2	14.7				14.7	819
	06-08		5.2	1.3	22.4		27.9	15.2				15.2	821
	09-11		4.1	.7	26.2		29.9	16.5		.1		16.5	822
	12-14		4.3	.4	24.1		27.5	15.2				15.2	823
	15-17		4.7	.9	23.1		26.9	13.7				13.7	737
	18-20		5.5	1.3	19.1		25.1	13.1				13.1	549
	21-23		5.3	.6	18.8		24.3	13.5				13.5	526
TOTALS			4.5	.9	22.0		26.5	14.3		.0		14.3	5888

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

702715 TATALINA AFS AK 73-81 NOV
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
NOV	00-02		1.7	.7	24.9		26.7	10.6		.6		11.6	802
	03-05		1.6	.6	25.2		27.2	13.3		.4		13.1	817
	06-08		1.9	.5	24.9		26.8	15.1				15.1	817
	09-11		2.1	.4	25.6		27.2	14.3				14.3	817
	12-14		1.7	.5	27.7		28.8	13.7		.2		13.8	817
	15-17		2.1	.6	26.7		28.5	13.8		.4		14.1	806
	18-20		2.9	.3	26.4		28.4	11.9		.2		12.1	567
	21-23		2.9	.2	25.9		27.4	10.0				10.0	710
TOTALS			2.1	.5	25.9		27.6	12.8		.2		13.	5053

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 2315 | TATALINA AFS AK | 73-81 | DEC
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
DEC	00-02		.1		20.9		20.9	6.1		.7		6.8	[illegible]
	03-05				22.9		22.9	7.3		.2		7.4	[illegible]
	06-08		.1	.1	21.7		21.8	5.6		.6		[illegible]	821
	09-11		.2	.1	17.3		17.6	6.9		.4		7.3	822
	12-14		.5		19.9		20.3	7.2		.9		7.8	818
	15-17		.5		20.5		20.8	8.7		.6		9.6	760
	18-20		.2		23.3		23.3	6.5		.6		7.1	824
	21-23		.2		22.1		22.1	6.7		.4		6.9	834
TOTALS			.2	.0	21.1		21.2	6.9		.6		7.3	5935

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7 7315 TATALINA AFS AK 73-81 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		.6	.3	16.1		16.8	10.3		.1		17.4	5536
FEB			.8	.5	12.7		13.5	6.5		.1		6.6	5159
MAR			.4	.0	17.1		17.4	6.7		.6		7.3	6767
APR			2.6	.1	12.4	.0	14.5	4.9		.0		4.9	5947
MAY		.1	6.8		1.9	.1	10.3	2.0				2.1	6778
JUN		.5	16.3				16.3	3.2	.1			3.3	5558
JUL		.6	16.8				16.8	5.6	.4			6.2	5675
AUG		.3	16.1				16.1	5.0	1.3			6.2	5639
SEP		.1	16.3	.2	3.1	.0	19.3	8.2				8.2	5548
OCT			4.5	.9	22.0		26.5	14.3		.0		14.3	5888
NOV			2.1	.5	25.9		27.6	12.8		.2		13.0	5753
DEC			.2	.0	21.1		21.2	6.9		.6		7.3	5935
TOTALS		.1	7.1	.2	11.0	.0	18.0	7.2	.2	.1		7.4	68897

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
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WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

7 25 5 TATALINA AFS AK 54-59, 61, 63-66, 69-81 ALL
STATION STATION NAME YEARS WBAN

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 RESTRICTION	TOTAL OBS
JAN	DAILY		4.5	1.5	45.6		46.6	21.5		1.7		71.9	441
FEB			4.6	2.7	44.1		44.3	26.5		3.9		77.2	415
MAR			5.3	.4	46.7		47.3	32.1		4.4		82.9	452
APR			13.6	.5	39.6	.3	42.9	17.7		1.5		14.2	394
MAY		1.8	45.5		12.3	.2	51.1	13.3	.2			11.3	444
JUN		3.8	57.1		.4	.2	57.1	14.2	1.3			15.3	445
JUL		5.7	58.6			.2	58.6	23.6	0.2			23.8	437
AUG		2.4	60.9		.4	.6	60.9	29.9	3.1			30.2	491
SEP		.4	51.3	.6	12.1	.4	60.3	29.4				29.4	482
OCT			22.4	4.3	61.9		72.4	26.9		1.2		29.7	486
NOV			7.5	3.7	60.9		61.6	42.6		3.3		44.8	427
DEC			3.5	2.1	52.5		53.3	29.2		6.3		32.5	483
TOTALS		1.6	27.5	1.3	31.4	.3	54.7	26.6	.9	1.5		29.1	5414

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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

2

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

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

7 2315 — STATION
TATALINA AFS AK — STATION NAME
53-66, 69-81 — 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].2	[illegible].8	4.5	8.7	6.1	6.1	2.3	.4						20.1	737	.82	[illegible]	.7
FEB	[illegible].1	22.4	6.1	8.6	6.2	5.3	1.2	.2						27.6	650	.68	1.[illegible]UT-A[illegible]	
MAR	54.1	19.9	5.7	9.3	4.7	4.3	1.8	.4						26.2	722	.67	2.32	.[illegible]
APR	[illegible].7	22.4	4.6	9.8	4.8	4.9	1.2	.1						25.4	692	.63	1.59	.4
MAY	43.9	23.9	5.7	9.5	4.9	5.6	1.4	.7						27.2	735	.77	1.49	.[illegible]5
JUN	37.1	20.1	5.8	12.2	8.6	9.9	5.1	1.3						42.7	746	1.68	3.89	.4[illegible]
JUL	34.7	15.3	5.7	12.4	9.4	12.7	7.7	3.3	.5					5[illegible].4	74[illegible]	2.32	5.79	.11
AUG	32.[illegible]	12.2	5.2	15.0	9.2	12.2	9.3	4.1	.7					55.6	754	3.29	6.[illegible]6	.7[illegible]
SEP	36.5	19.2	5.6	13.9	7.2	10.4	7.1	2.1	1.[illegible]					44.3	709	2.42	5.53	.[illegible]6
OCT	32.2	26.5	7.3	13.6	7.2	8.1	3.7	1.2						41.3	763	1.34	2.50	.27
NOV	37.7	25.6	6.5	11.5	6.4	8.2	3.3	.7						36.6	733	1.12	3.[illegible]0	.[illegible]3
DEC	45.1	21.5	4.5	12.5	5.5	7.7	2.4	.5	.3					33.4	794	1.23	4.[illegible]5	.[illegible]7
ANNUAL	42.6	20.8	5.6	11.2	6.6	7.9	3.9	1.2	.2					36.6	8795	17.49		

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

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS 55-65, 67-8

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								1.42		.[illegible]	.4[illegible]	.[illegible]	
[illegible]	.[illegible]	.25	.74	.[illegible]	.57	.41	.[illegible]	.69	1.2[illegible]	.35*	.31	.[illegible]	1.[illegible]
66	.34	.19	.[illegible]	.34	.1[illegible]	.32	1.12	1.[illegible]	.[illegible]	.3	.2[illegible]	.[illegible]	1.[illegible]
6[illegible]	.17	.48	.31	.[illegible]	.27	.74	.54	.6[illegible]	1.24	.61	.3[illegible]	.[illegible]	1.[illegible]
67	.7[illegible]	.43	.4[illegible]	.[illegible]	.42	.3[illegible]	.2[illegible]	.6[illegible]	.37	.6[illegible]	.3[illegible]	.[illegible]	.[illegible]
68	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.17	.21	1.30	.[illegible]	.4[illegible]	.4[illegible]	.34	.[illegible]	.[illegible]
[illegible]	.[illegible]	.41	.[illegible]	.[illegible]	.2[illegible]	.5[illegible]	.47	.[illegible]	.4[illegible]	.2[illegible]	.1[illegible]	.[illegible]	.[illegible]
[illegible]	.6[illegible]*	.37	.[illegible]	.77	.7[illegible]	.4[illegible]	1.[illegible]	.5[illegible]	1.[illegible]	.3[illegible]	.[illegible]	.[illegible]	.[illegible]
[illegible]	.1[illegible]	.[illegible]	.[illegible]	.[illegible]	.52	.47	.74	1.1[illegible]	1.01	.4	.[illegible]	1.[illegible]	.[illegible]
[illegible]	.[illegible]	.17	.1[illegible]	.27	.22	.[illegible]	.64	.7[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
[illegible]	.[illegible]	.01*	.[illegible]	.[illegible]	.61	.[illegible]	.[illegible]	.[illegible]	1.33	.74	.[illegible]	.[illegible]	1.[illegible]
[illegible]											.[illegible]	.[illegible]	
[illegible]	.1[illegible]	.36*	.[illegible]	.[illegible]*	.1[illegible]	.43*	.[illegible]					.[illegible]	
6[illegible]				.[illegible]*	.[illegible]	.31	.[illegible]	.3[illegible]	.[illegible]*	.24	.[illegible]	.[illegible]	
[illegible]	.[illegible]*	.[illegible]*	.21	.[illegible]	.3[illegible]	.[illegible]	1.3[illegible]	.[illegible]	.2[illegible]	.31	.[illegible]	.[illegible]	.[illegible]
7[illegible]	.[illegible]	.13	.[illegible]	.1[illegible]	.31	.3[illegible]	.23*	.7[illegible]	.[illegible]	.[illegible]	.37	.[illegible]	.[illegible]
[illegible]	.[illegible]*	.[illegible]*	.[illegible]	.17	.17	.3[illegible]	.[illegible]*	.79*	.[illegible]*	.[illegible]	.[illegible]	.[illegible]	.[illegible]
[illegible]	.[illegible]*	.12	.1[illegible]	.[illegible]*	.33*	.3[illegible]*	.29*	1.12	.[illegible]	.57	.[illegible]*	.[illegible]	.[illegible]
7[illegible]	.[illegible]*	.03*	.[illegible]	.16	.13	.3[illegible]*	.[illegible]*	.[illegible]*	.33*	.[illegible]	.34*	.[illegible]	.[illegible]
[illegible]	.[illegible]	.22	.11	.11	.22	.23	1.1[illegible]	.41	.7[illegible]*	.3[illegible]	.1[illegible]	.[illegible]	.[illegible]
7[illegible]	.1[illegible]	.6[illegible]	.2[illegible]	.[illegible]	.2[illegible]	.2[illegible]	.7[illegible]	.27	.21	.[illegible]	.31	.[illegible]	.[illegible]
77	.[illegible]	.26	.17	.21	.65	.3[illegible]	.34*	.37	1.44	.24	.[illegible]	.[illegible]	.[illegible]
7[illegible]	.1[illegible]	.13	.[illegible]	.[illegible]	.15	.4[illegible]	.4[illegible]	.[illegible]	.34	.31	.7[illegible]	.[illegible]	.[illegible]
7[illegible]	.3[illegible]	TRACE	.31	.4[illegible]	.0[illegible]	.2[illegible]	.4[illegible]	.[illegible]	.3[illegible]	.6[illegible]	.[illegible]	.[illegible]	.[illegible]
[illegible]	.2[illegible]	.12	.[illegible]	.[illegible]	.2[illegible]	.[illegible]	.44	.31	.47	.[illegible]	.12	.[illegible]	.[illegible]
[illegible]	.1[illegible]	.2[illegible]	.[illegible]	.13	.17	.47	.31	.4[illegible]	.2[illegible]	.4[illegible]	.3[illegible]	.[illegible]	.[illegible]
MEAN	.24[illegible]	.21[illegible]	.2[illegible]	.[illegible]	.315	.43[illegible]	.6[illegible]	.6[illegible]	.[illegible]	.405	.336	.[illegible]	.[illegible]
S.D.	.[illegible]61	.177	.196	.167	.188	.157	.323	.2[illegible]	.[illegible]	.176	.177	.[illegible]	.[illegible]
TOTAL OBS.	73[illegible]	66[illegible]	722	692	735	74[illegible]	74[illegible]	7[illegible]	7[illegible]	76[illegible]	733	7[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

EXTREME VALUES

(FROM DAILY OBSERVATIONS)

STATION _____ STATION NAME _____ YEARS _____

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]								[illegible]		[illegible]	.50*	[illegible]	
[illegible]	.74	.93	2.32	.34	.65	1.27	4.76	9.13	5.54	.77*	.93	[illegible]	[illegible]
[illegible]	1.42	.90	2.24	.[illegible]7	.31	1.23	7.43	7.71	7.42	1.14	.68	[illegible]	[illegible]
[illegible]	[illegible]	.93	.93	[illegible]	.94	[illegible]	2.64	[illegible]	4.64	1.94	1.13	.49	[illegible]
[illegible]7	3.[illegible]	1.39	.97	.37	.61	.34	.69	2.19	1.95	1.67	1.2[illegible]	.[illegible]	[illegible]
[illegible]	[illegible]	.[illegible]	.[illegible]	[illegible]	.85	[illegible]	2.32	[illegible]	[illegible]	1.20	1.55	[illegible]	[illegible]
[illegible]	.55	1.70	.11	.[illegible]	.64	1.31	2.14	2.53	1.53	.54	1.32	.[illegible]	[illegible]
[illegible]	1.27*	.83	.[illegible]	1.41	1.43	1.31	4.71	[illegible]	[illegible]	1.43	1.56	[illegible]	[illegible]
[illegible]	[illegible]	.32	.[illegible]	1.69	.81	[illegible]	[illegible]	[illegible]	[illegible]	2.34	1.49	[illegible]	[illegible]
[illegible]	[illegible]	.63	.69	.[illegible]	1.[illegible]	2.42	1.[illegible]	[illegible]	1.[illegible]	1.[illegible]	.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	.[illegible]2*	1.59	.[illegible]	.65	2.65	3.17	[illegible]	1.92	2.[illegible]	.[illegible]	1.[illegible]	[illegible]
[illegible]											[illegible]	1.[illegible]	1.[illegible]
[illegible]	.[illegible]	1.32*	1.[illegible]		.19	.85*	.11					[illegible]	
[illegible]				*	.[illegible]	.76	1.9*	3.77*	1.22	.15*	1.[illegible]	.[illegible]	[illegible]
[illegible]	.31*	.75*	.92	.67	1.12	3.89	4.30	[illegible]	.[illegible]	1.69	1.[illegible]	[illegible]	[illegible]
[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.76	1.[illegible]	1.40*	2.33	1.59	2.[illegible]	1.[illegible]	2.67	[illegible]
[illegible]	.[illegible]*	.94*	.37	.92	.60	1.32	1.86*	2.40*	2.[illegible]*	1.66	.92	[illegible]	[illegible]
[illegible]	.[illegible]*	.17	.75	.[illegible]*	.67*	1.31*	1.[illegible]*	[illegible]*	1.66	1.[illegible]	1.61*	[illegible]	[illegible]
[illegible]	.13*	.11*	[illegible]	.18	.33	[illegible]	2.[illegible]*	2.56*	1.33*	2.[illegible]	1.24*	[illegible]	[illegible]
[illegible]	.74	.58	.[illegible]	.51	.5[illegible]	1.51	4.[illegible]	1.[illegible]	3.65*	1.[illegible]	.22	[illegible]	[illegible]
[illegible]	.54	.38	.61	.14	.75	.92	2.54	[illegible]	.69	.93	1.19	.17	[illegible]
[illegible]	.1[illegible]	.[illegible]7	.[illegible]	1.[illegible]	1.34	.6[illegible]	[illegible]	[illegible]*	[illegible]	.55	.34	1.[illegible]	[illegible]
[illegible]	.3[illegible]	.20	.17	.24	.67	2.24	1.83	[illegible]	1.13	1.4[illegible]	1.99	[illegible]	[illegible]
[illegible]	1.41	TRACE	1.26	1.5[illegible]	.1[illegible]	1.5[illegible]	1.6[illegible]	[illegible]	1.39	1.[illegible]	3.[illegible]	[illegible]	[illegible]
[illegible]	.93	.26	.23	.17	.86	[illegible]	2.76	[illegible]	1.45	.27	.37	[illegible]	[illegible]
[illegible]	.33	.94	.1[illegible]	.43	1.02	1.99	2.42	[illegible]	[illegible]	1.6[illegible]	1.[illegible]	.[illegible]	[illegible]
MEAN	.80[illegible]	.678	.[illegible]24	.6[illegible]8	.771	1.632	2.619	3.[illegible]74	2.425	1.34[illegible]	1.[illegible]18	1.[illegible]2[illegible]	[illegible]
S.D.	.[illegible]94	.513	.[illegible]84	.4[illegible]3	.321	.834	1.[illegible]1[illegible]	1.[illegible]97	1.678	.607	.704	[illegible]	[illegible]
TOTAL OBS.	73[illegible]	660	722	67[illegible]	735	746	743	754	7[illegible]	76[illegible]	723	7[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

7 62 15 — STATION
TATALINA AFS AK — STATION NAME
53-66, 69-81 — 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	30.1	18.6	10.9	9.9	4.0	2.6	.9	.5	.1					29.3	768	11.2	36.1	.5
FEB	49.8	19.5	14.3	10.1	3.9	1.3	1.2	.1	.3					31.2	696	8.4	21.2	TRACE
MAR	33.8	18.4	12.4	9.0	2.9	2.1	.8	.7	.1					28.1	752	8.3	25.0	.2
APR	54.6	19.9	10.4	9.0	3.3	1.4	.7	.1	.6					25.5	722	6.8	20.8	.3
MAY	86.7	8.4	1.6	2.6	.5		.1							4.9	799	1.7	8.2	.
JUN	98.7	.5	.4	.3	.1									.8	745	.2	5.4	.
JUL	100.1														766	.2	.2	.0
AUG	99.7	.3													754	TRACE	TRACE	.
SEP	86.9	6.1	2.3	1.1	.8	.4	.1	.3						5.1	710	1.9	16.2	.3
OCT	41.3	25.6	15.3	9.8	3.8	2.3	.5	1.4	.3					33.5	733	11.3	30.5	1.9
NOV	37.3	23.7	14.5	12.8	5.8	2.6	.9	1.7	1.0					39.1	735	15.8	32.3	.4
DEC	45.3	20.4	13.4	11.3	4.5	2.6	1.3	.6	.5	.1				34.3	799	14.5	41.5	.3
ANNUAL	67.1	13.6	8.0	6.3	2.5	1.3	.5	.5	.2	.0				19.3	8899	81.4		

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

[illegible] STATION | TATALINA AFS AK STATION NAME | 82-85, 69-81 YEARS

24 HOUR AMOUNTS IN INCHES

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	2.3	2.4	5.9	.6	.1	.1	.1	.2	1.3	.6	.1	[illegible]
[illegible]	*	4.3	2.1	4.3	4.3	.3	.1	.1	.2 TRACE		.6	.1	[illegible]
[illegible]		.2	2.4	3.7	.6	.1	.1	.1	.2 TRACE			.1	[illegible]
[illegible]	*	4.9	2.4	4.1	1.3	TRACE	.1	.1	.2	.2	3.7	.7	[illegible]
[illegible]		.4	.6	1.1	3.3	3.5	.1	.1	.2 2.5	2.7	7.9	11.	11.
[illegible]	-	2.3	4.1	.3	1.2	1.1	.1	.1	.2	3.3	2.2	3.4	3.4
[illegible]		3.1*	3.7	.1	7.7	TRACE	.1	.1	.2 TRACE	2.5	.6	.2	4.3
[illegible]	*	.7	.8	.4	2.8	TRACE	.1	.1	.2 4.3	.7	.1	.2	[illegible]
[illegible]		3.3	1.7	2.3	2.9	.7	4.2	.1	.2 TRACE	4.4	.2	.9	[illegible]
[illegible]	*	2.7	.1*	3.1	2.1	.2	.2	.1	.2 .7	.7	.2	7.	7.
[illegible]		.1*	4.1*	4.5	3.3*	1.3					.3	.2	[illegible]
[illegible]		1.3	2.9*	2.3	*	.1*	.1	.1			.7		
[illegible]				*	.5	.8	.1	.1*	.2 TRACE*	.1	.1	.2	[illegible]
[illegible]		.1*	3.5*	3.5	9.3	TRACE	.1	.1	.2 .6	.2	7.2	.2	[illegible]
[illegible]		4.3	3.4	.7	1.2	1.7	.1	.1*	.2	5.3	4.1	.4	[illegible]
[illegible]		.2*	.2*	2.1	3.3	.2	.1	.1*	.2* 1.2*	1.3	1.9	.2	[illegible]
[illegible]	*	3.4*	6.8	5.3	3.3*	TRACE*	.1*	.1*	.2* 3.4	7.6	.7*	.1	[illegible]
[illegible]	*	3.9*	1.3*	2.5	2.1	TRACE	.1*	.1*	.2* .1*	5.7	3.5*	.7	.9 5.
[illegible]		7.1	2.9	3.1	4.3	1.1	.1	.1	.2 TRACE*	2.	.4	.6	7.
[illegible]		3.1	3.8	4.5	1.1	1.5	.1	.1	.2 TRACE	.2	.1	.2	[illegible]
[illegible]		.1	.3	2.1	1.4	1.5	.1	.1	.2	.2	.2	.2	[illegible]
[illegible]		.2	3.8	.9	.3	.1	.1	.1	.2 .4	1.7	.6	.2	[illegible]
[illegible]		3.1	TRACE	3.1	3.1	TRACE	.1	.1	.2 TRACE	1.1	.4	5.7	[illegible]
[illegible]		5.3	.9	3.4	1.2	TRACE	.1	.1	.2 .4	2.	.9	.2	[illegible]
[illegible]		4.1	3.1	2.1	2.3	1.3	.1	.1	TRACE .7	1.1	.9	.2	[illegible]
MEAN	3.1	2.49	2.66	3.37	.62	.14	.03	TRACE	.27	.52	1.65	1.53	[illegible]
S.D	1.873	2.142	1.934	2.755	.883	.463	.213	.305	1.65	2.371	2.553	2.[illegible]1	[illegible]
TOTAL OBS.	75*	6 8	75*	7 2	75*	74	76	7 4	7 5	[illegible]3	[illegible]5	7[illegible]	[illegible]

[illegible] # BASED ON LESS THAN FULL MONTHS

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

...L CLIMATOLOGY ...ACH
...TAC
...WEATHER SERVICE/MAC

EXTREME VALUES

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

...15 — STATION — TATALINA AFS AK — STATION NAME — 63-65, 69-81 — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
...													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
81													
MEAN													
S D													
TOTAL OBS.													

... = TRACE OR LESS THAN FULL AMOUNT

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

2

GLOBAL CLIMATOLOGY BRANCH
USAETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

7,232 — STATION
TATALINA AFS AK — STATION NAME
53-81 — YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-03	04-10	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					1.2	.2	8.1	44.5	36.4	9.6				100.0	861			
FEB					.4	3.3		31.2	40.1	24.8	.1			100.0	753			
MAR	.1				.4	4.3	.7	21.6	48.5	24.6				99.8	851			
APR	2.1		.6	.7	1.0	4.6	8.1	29.6	33.3	17.1	2.9			98.[illegible]	84			
MAY	54.7	7.1	4.9	3.1	2.1	4.6	7.1	10.2	5.4	.6	.3			38.3	365			
JUN	79.9	.1	.1		.1	.1								.4	835			
JUL	100.0														856			
AUG	100.0														881			
SEP	96.7	1.3	1.2	.1	.2	.5								2.9	858			
OCT	34.7	8.2	11.2	10.8	8.4	14.4	9.8	2.3						56.6	895			
NOV	.5	1.7	5.1	6.8	6.8	18.1	35.9	20.7	4.4		.1			97.8	869			
DEC						7.8	22.2	45.9	20.9	2.9	.3			100.0	889			
ANNUAL	40.7	1.5	1.9	1.8	1.7	4.8	7.7	17.2	15.7	6.6	.3			57.8	10238			

1210 WS FORM JUL 64 0-15-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

EXTREME VALUES

FROM DAILY OBSERVATIONS

[illegible]TALINA AFS AK — [illegible]-81

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
[illegible]										[illegible]	3	[illegible]	
[illegible]	[illegible]	24	34	25	0	0	[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	
[illegible]5	[illegible]	37	45	30	[illegible]	0	[illegible]	0		[illegible]	11	[illegible]	[illegible]
5[illegible]	[illegible]	31	39	33	0	0	[illegible]	0	TRACE	[illegible]	[illegible]	[illegible]	
[illegible]	33	35	[illegible]	38	4	0	[illegible]		[illegible]	[illegible]	15	[illegible]	
[illegible]	24	28	22	13	0	0	[illegible]	[illegible]	[illegible]	0	13	[illegible]	
[illegible]	[illegible]	36	35	[illegible]	12	0	[illegible]	[illegible]	[illegible]	7	12	[illegible]	
[illegible]	[illegible]	46	37	34	[illegible]	0	[illegible]	[illegible]	[illegible]	TRACE	6	[illegible]	[illegible]
[illegible]	0	6	5	11	1	1				7	23	[illegible]	
[illegible]	[illegible]	35	34	[illegible]	17	1		0	TRACE		7	17	
[illegible]	[illegible]	23	42	41	27	1							
[illegible]	14*	32*	36	41	35	[illegible]				1[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	40	36	14	4*	0							
[illegible]6	[illegible]	32	31	25	13	0	[illegible]	[illegible]		7	16	[illegible]	
67	27	31	46	48	28	1					7		
[illegible]	27	43	34	32*	21*	0*	0*	0*	0	[illegible]*	12*		
[illegible]	[illegible]*	35*	39	[illegible]	1	0	0*	[illegible]	0*	3	1[illegible]	[illegible]	
7[illegible]	10*	19*	24	[illegible]	14	0	7	0	1	[illegible]	31	[illegible]	
7[illegible]	37	44	44	[illegible]9	26	0		0	0	1[illegible]	25	[illegible]	
[illegible]	4[illegible]*	48	44	[illegible]	[illegible]	0	[illegible]*	0*	0*	[illegible]	11	1[illegible]	
[illegible]	24*	31	41	23*	12*	1*	0*			[illegible]	33*	[illegible]	
7[illegible]	30*	34*	37	[illegible]	1[illegible]	0*	0*	0*	0*	1[illegible]	24*	2[illegible]	
75	41	42	42	47	[illegible]	0	0	0	0*	11	13	[illegible]	
76	3[illegible]	49	47	4[illegible]	21	0	0	0	TRACE	[illegible]	16	[illegible]	
77	[illegible]	[illegible]2	34	[illegible]2	31	0	0*	0	TRACE	4	11	[illegible]	
7[illegible]	1[illegible]	21	21	1[illegible]	1	0	1	0	0	[illegible]	26	[illegible]	
79	47	46	45	44	23	0	0	0	0	[illegible]	5[illegible]	[illegible]	
[illegible]	2[illegible]	25	23	[illegible]	3	0	1	0	TRACE	[illegible]	9	[illegible]	
[illegible]1	1[illegible]	25	24	2[illegible]	4	0	0	0	0	7	16	[illegible]	
MEAN	26.[illegible]	[illegible]2.8	35.3	[illegible]2.3	16.3	.[illegible]	.[illegible]	.[illegible]	.[illegible]	[illegible].5	1[illegible].3	[illegible]2.[illegible]	[illegible]
S.D.	[illegible].713	1[illegible].497	1[illegible].001	11.61[illegible]	13.557	1.[illegible]	.[illegible]00	.[illegible]00	1.240	4.736	1[illegible].460	1[illegible].374	.9[illegible]
TOTAL OBS.	[illegible]	753	851	64[illegible]	865	83[illegible]	556	891	[illegible]	885	[illegible]69	[illegible]	[illegible]

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

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

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

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

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

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

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

C

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION _____ STATION NAME _____ YEARS _____

DAILY PEAK GUST IN KNOTS

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	24 0/	23[illegible]/	31 4/	26 7/	4427/	3429/	3127/	33 4/	26 6*	24 1/	24 4/	7/
[illegible]	[illegible]	2819/	45*6/	3230/	31 7/	3224/	2[illegible]3/	2626/	3134/	2824/	3127/	44*3/	1 /
[illegible]	[illegible]	31 7/	24 6/	49 9/	2511/	4833/	3322/	2428/	3111*/	3019/	2720/	3[illegible]/	/
[illegible]	[illegible]	2[illegible]	35[illegible]*	2323/	2413/	31 7/	3018/	25 6*	28 5*	2[illegible]	2411/	30 4*	*
[illegible]	[illegible]	24 6*	3[illegible]/	29 7/	2416/	34 4*	2417*	3319/	2423/	3613/	3402/	3015/	1 /
[illegible]	[illegible]	27 4*	30[illegible]	22 6/	23 4/	2527/	2417/	24 5*	2429*	3132/	3[illegible]/	3[illegible]	/
[illegible]	[illegible]	27 4/	2927/	3429/	22 7/	2413/	2327/	1971/	2017/	3223/	3627/	[illegible]	/
[illegible]	[illegible]	24 3/	[illegible]1/	25 7/	20 4/	2627/	19 6/	[illegible]4/	12 6/	26 1/	21 [illegible]	[illegible]	/
[illegible]	[illegible]	[illegible]7/1245	[illegible]7/	31 6/	[illegible]4/	2729/	2329/	2425/	2222/	34 6*	[illegible]	[illegible]	/
[illegible]	[illegible]	[illegible]	22 4/	24 6/	22 7/	2427/	2720/	2522/	3029/	3[illegible]	[illegible]	[illegible]	/
[illegible]	[illegible]	24 6/	31 5*	3921*	7324/	2623/	4410/	2016/	2234/	24 5/	2[illegible]	40[illegible]	/
[illegible]	[illegible]	2718/	33 5/	29 6/	29 8/	3617/	3[illegible]/	2[illegible]	2623/	3[illegible]	3429/	2[illegible]	/
[illegible]	[illegible]	24 6/	35 7/	3124/	2[illegible]	2428*	2123/	3332/	24 6/	27[illegible]	3[illegible]	33 [illegible]	/
MEAN	2[illegible]	33.8	[illegible]	[illegible]	2[illegible]	26.8	26.3	25.9	2[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
S D	4.710	13.351	7.629	3.193	6.145	5.980	4.769	5.922	4.665	4.715	5.527	[illegible]	[illegible]
TOTAL OBS	43	[illegible]	443	421	459	423	443	443	429	429	445	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

$ (BASED ON LESS THAN FULL MONTHS ARE [illegible] KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7.2315	TATALINA AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.4		.1								1.5	3.7
NNE	2.3	2.4	3.1	.4								8.3	5.8
NE	4.9	8.7	5.2	.5								19.3	5.3
ENE	4.2	5.0	3.4	.1								12.8	5.0
E	2.4	3.1	2.0	.3								7.9	5.2
ESE	.7	.1										.8	2.7
SE	.3	.1										.4	2.3
SSE		.4										.4	4.0
S	.7	.7	.3		.1							1.8	5.3
SSW	1.5	1.0	.7	.1								3.3	4.5
SW	1.2	1.5	.3									3.0	4.4
WSW	.7	.5										1.2	3.3
W	1.2	.3	.1	.1								1.8	3.9
WNW	.1	.3	.1									.5	5.0
NW		.3										.3	5.0
NNW		.1										.1	4.0
VARBL													
CALM												36.7	
	21.2	25.0	15.2	1.8	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC FORM 0-9-5 OL-A (JUL 84) 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)

702315 TATALINA AFS AK 73-81 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0600
CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.9	.4									2.0	5.0
NNE	2.6	2.5	2.6	.3								8.0	5.3
NE	6.1	7.5	5.3	.3								19.1	5.2
ENE	3.6	6.5	3.1	.3								13.5	5.0
E	2.5	2.0	2.1	.8								7.4	5.5
ESE	.6		.1									.8	3.3
SE	.1											.1	3.0
SSE	.4	.1										.5	2.8
S	.8	.6	.3									1.5	3.9
SSW	.8	.6	.4	.3	.1							2.1	6.3
SW	1.5	1.8	.8	.1								4.1	5.0
WSW	1.0	.8	.1									1.9	3.5
W	1.5	.5	.1									2.1	3.4
WNW	.4	.3	.1									.8	4.5
NW	.4	.1										.5	2.5
NNW	.1											.1	2.0
VARBL													
CALM												35.3	
	23.2	24.2	15.4	1.9	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 799

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.7	.2									1.5	4.8
NNE	1.7	2.7	2.1									6.5	5.4
NE	5.2	7.9	5.5	.7								19.3	5.4
ENE	4.1	6.3	2.3	.5								13.2	4.8
E	3.8	2.7	2.1	.2								8.9	4.5
ESE	.2											.2	2.0
SE		.1										.1	5.0
SSE			.1									.1	7.0
S	.9	.6	.5	.1								2.1	4.9
SSW	.9	.5	.6									2.0	4.8
SW	1.6	.4	1.2									3.2	4.7
WSW	.5	1.1	.1	.1								1.8	4.9
W	2.0	1.1	.2	.1								3.4	3.9
WNW	.6	.6										1.2	3.2
NW	.1											.1	2.5
NNW	.4	.1										.5	2.3
VARBL													
CALM												35.7	
	22.4	24.9	15.1	1.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.4	.9									2.1	5.1
NNE	2.1	2.2	2.1	.5								6.9	5.7
NE	3.9	8.9	4.2	.7								17.7	5.6
ENE	4.3	5.5	3.6	.6								14.0	5.2
E	3.9	2.7	1.2	.7	.1							8.7	5.1
ESE	.5	.4	.1									1.0	4.0
SE		.1										.1	4.0
SSE	.2	.4										.6	3.8
S	.4	.2	.4	.1								1.1	6.3
SSW	.7	.7	.9	.1								2.5	5.7
SW	1.2	1.0	.5									2.7	4.3
WSW	1.5	.9	.5									2.8	4.0
W	1.7	1.1	.1									3.0	3.3
WNW	.2	.6										.9	3.9
NW	.1		.1									.2	4.5
NNW	.1		.1		.1							.4	9.7
VARBL													
CALM												35.2	
	21.9	25.1	14.7	2.8	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1200-1400
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2		.1								1.0	4.1
NNE	2.7	2.0	2.5	.4								7.5	5.4
NE	3.6	8.6	4.3	.5								17.0	5.4
ENE	4.2	7.1	3.3	.6								15.3	5.3
E	5.7	4.6	2.1	.2		.1						12.7	4.6
ESE	.1	.1										.2	4.5
SE	.2											.2	2.5
SSE	.1	.1										.2	4.0
S	.5	.5	.2	.2								1.5	6.3
SSW	1.4	.4	.9									2.6	4.9
SW	1.0	.7	.6									2.3	4.8
WSW	.9	.6	.4									1.8	3.9
W	.6	1.7	.5									2.8	5.0
WNW	.1	.1										.2	4.0
NW		.2	.1									.4	6.0
NNW	.2			.1								.4	5.7
VARBL													
CALM												33.7	
	21.9	27.1	14.9	2.2		.1						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 812

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (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	.3	.4	.3	.1								1.1	6.0
NNE	3.4	2.7	2.0	.6								8.6	5.1
NE	5.1	7.4	4.2	.4								17.1	5.3
ENE	3.5	5.8	5.0	.1	.1							14.6	5.5
E	2.7	3.4	1.3	.3								7.6	5.0
ESE	.4	.4										.8	4.0
SE	.1	.1										.3	4.0
SSE	.3	.3	.1									.7	4.8
S	.6	1.0	.7									2.3	5.2
SSW	.6	.4	.1	.3								1.4	5.4
SW	.7	.3	.8	.1								2.0	6.0
WSW	1.0	.8	.6									2.4	4.7
W	.7	1.1	.8	.1								2.8	5.3
WNW			.1									.1	7.0
NW	.1		.3									.4	6.7
NNW													
VARBL													
CALM												37.5	
	19.5	24.2	16.4	2.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 706

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-75,78-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.2	.2									1.2	4.0
NNE	2.0	4.0	3.2	1.2								10.4	6.5
NE	5.7	11.9	5.7	1.0								24.3	5.3
ENE	4.2	4.7	2.0	.5								11.4	5.1
E	2.0	1.5	1.2									4.7	4.8
ESE		.2		.2								.5	8.5
SE		.2	.2									.5	6.0
SSE			.5									.5	9.0
S	1.0	.2	.5									1.7	4.1
SSW	.5	.2										.7	3.0
SW	.2	.5	.7	.2								1.7	7.3
WSW	1.0	1.0										2.0	3.3
W			1.0									1.0	7.8
WNW			.2									.2	8.0
NW				.2								.2	12.0
NNW													
VARBL													
CALM												38.9	
	17.3	24.8	15.6	3.5								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 404

USAFETAC FORM 0-8-5 OL-A (JUL 66) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73,75-81	JAN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4		.9	.2								1.6	7.9
NNE	1.6	2.9	2.9	1.3								8.7	6.8
NE	6.5	7.6	4.9	.7								19.6	5.1
ENE	4.9	5.6	3.3	.7								14.5	5.2
E	2.0	2.2	1.1	.2								5.6	4.4
ESE	.7											.7	2.0
SE	.2											.2	2.0
SSE	.4	.4										.9	3.8
S	.9	.2	.4	.2								1.8	5.6
SSW	1.1	.9										2.0	3.3
SW	.7	.4	.4									1.6	4.9
WSW	.2	.7	.7									1.6	5.9
W	1.1	.9	.9									2.9	4.8
WNW	.2	.2	.2									.7	5.7
NW													
NNW	.2											.2	1.0
VARBL													
CALM												37.5	
	21.2	22.1	15.8	3.3								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 448

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.5	.3	.1								1.5	5.0
NNE	2.4	2.6	2.5	.5								7.9	5.7
NE	5.0	8.4	4.9	.6								18.8	5.4
ENE	4.1	5.9	3.3	.4	.0							13.8	5.2
E	3.3	2.9	1.7	.4	.0	.0						8.3	4.9
ESE	.4	.2	.0	.0								.6	3.7
SE	.1	.1	.0									.2	3.5
SSE	.2	.2	.1									.5	4.4
S	.7	.5	.4	.1	.0							1.7	5.2
SSW	.9	.6	.5	.1	.0							2.2	5.0
SW	1.1	.9	.7	.1								2.7	4.9
WSW	.9	.8	.3	.0								2.0	4.2
W	1.2	.9	.4	.1								2.6	4.3
WNW	.2	.3	.1									.6	4.3
NW	.1	.1	.1	.0								.3	5.1
NNW	.1	.1	.0	.0	.0							.2	4.8
VAR													
CALM												36.0	
	21.4	24.8	15.3	2.3	.1	.0						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 5529

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0000-0300 (HOURS (L.S.T.))

(CONDITION)

SPEED (KNTS) / DIR	1 - 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	.5									2.3	4.9
NNE	3.8	3.5	3.5	.5								11.2	5.4
NE	5.2	8.2	6.4	1.4	.2							21.2	5.8
ENE	4.2	7.4	2.4									14.1	4.7
E	3.2	2.4	1.4									7.0	4.3
ESE	1.4	.5										1.8	2.7
SE		.2										.2	4.0
SSE	.5	.2	.2									.8	4.2
S	.8	.8	.2									1.7	3.7
SSW	.8	.6	.3	.6								2.3	6.5
SW	1.4	2.3	.2	.2								3.9	4.2
WSW	.6											.6	2.0
W	2.6	.5										3.0	2.7
WNW	.3	.2										.5	3.0
NW													
NNW	.2											.2	2.0
VARBL													
CALM												29.4	
	25.3	27.7	14.8	2.6	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 660

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.4	.3	.1								1.8	4.7
NNE	3.1	4.6	1.8	.7								10.2	5.2
NE	5.5	8.7	3.8	1.7								19.6	5.3
ENE	6.2	6.3	4.1	.6								17.1	4.9
E	4.9	2.7	1.1	.4								9.1	4.2
ESE	.3	.4	.1									.8	4.0
SE	.1											.1	3.0
SSE			.1									.1	7.0
S	.8	.3	.3	.1								1.5	5.0
SSW	.4	.3	.6	.4								1.7	7.7
SW	1.3	.8	.1	.1								2.4	4.2
WSW	1.5	.4	.1									2.1	2.9
W	1.5	.7	.3									2.5	3.5
WNW	.3	.4										.7	3.2
NW													
NNW	.1											.1	3.0
VARBL													
CALM												30.0	
	27.0	26.1	12.7	4.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.5		.1								1.1	5.0
NNE	2.9	3.0	2.7	.7								9.3	5.6
NE	8.2	7.1	5.5	.5								21.3	5.0
ENE	6.1	9.0	2.2	.7								18.0	4.8
E	3.4	3.5	1.0	.5								8.5	4.6
ESE	.3	.1										.4	3.3
SE	.1											.1	2.0
SSE	.1											.1	1.0
S	.7	.1		.1	.1							1.1	6.1
SSW	.4	1.0	.7	.4								2.5	6.8
SW	.7	1.0	.4									2.0	4.7
WSW	1.4		.1									1.5	2.8
W	1.6	.8	.1									2.6	3.2
WNW	.3	.3	.3									.8	5.0
NW		.1										.1	4.0
NNW	.1											.1	1.0
VARBL													
CALM												30.4	
	26.7	26.6	13.0	3.1	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 733

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	.3	.1								1.0	6.4
NNE	2.0	2.7	2.4	1.5								8.7	6.6
NE	6.7	6.9	6.0	2.2								21.8	5.8
ENE	7.1	8.4	3.3	.3								19.0	4.6
E	4.5	3.8	1.5	.1								9.9	4.2
ESE	1.2	.3	.1									1.6	2.9
SE	.1											.1	2.0
SSE	.3	.4										.7	3.6
S	1.0	1.1	.4									2.4	4.3
SSW	.8	.7	.8	.3								2.6	5.9
SW	1.6	.5	.5	.1								2.9	4.5
WSW	.1	.5										.7	4.0
W	1.1	.5	.3	.3								2.2	4.9
WNW	.1	.5	.1									.8	4.8
NW		.1										.1	4.0
NNW	.1	.3										.4	4.0
VARBL													
CALM												25.0	
	27.1	27.2	15.8	4.9								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 735

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.5	.5									1.4	5.4
NNE	1.6	3.8	3.5	1.1	.1							10.2	7.1
NE	2.4	6.9	6.9	2.4	.3							19.0	7.1
ENE	6.5	10.3	4.9	1.1								22.8	5.2
E	7.6	6.4	1.1									15.1	3.8
ESE	1.9	.5	.1									2.6	2.9
SE	.1	.4	.1									.7	5.2
SSE	.3	.5	.1									.9	4.7
S	1.6	.9	.8	.4								3.8	5.0
SSW	.3	.9	1.1									2.3	5.9
SW	.8	.5	.3									1.6	4.1
WSW	.3	.5	.1									.9	4.6
W		.7	.7	.1								1.5	6.6
WNW	.1		.1	.1								.4	8.0
NW													
NNW													
VARBL													
CALM												16.8	
	23.9	33.1	20.5	5.3	.4							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 737

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 TATALINA AFS AK 73-81 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
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	.4	.7									1.8	5.3
NNE	2.4	3.4	5.4	.7								11.9	6.6
NE	4.2	7.9	9.4	1.8								23.2	6.6
ENE	5.4	8.2	2.4	1.3								17.3	5.3
E	4.5	4.3	1.2	.1								10.1	4.1
ESE	1.2	.3	.1	.1								1.8	3.3
SE	.3	.3	.1									.7	5.0
SSE	.4	.6										1.0	4.0
S	1.0	1.2	.4	.3								3.0	5.1
SSW	.6	1.0	.7									2.4	5.4
SW	.3	.9	.7									1.9	5.8
WSW	.1	.3										.4	4.3
W	.7	.6	.3									1.6	4.7
WNW	.3	.1	.3									.7	4.8
NW													
NNW													
VARBL													
CALM												21.9	
	24.1	29.7	21.9	4.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 671

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 (STATION) TATALINA AFS AK (STATION NAME) 73,75,78-81 (YEARS) FEB (MONTH)

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

CONDITION

SPEED KN-TS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.0									4.0	4.9
NNE	4.3	5.8	8.1	2.8								21.0	6.8
NE	6.8	10.1	10.9	2.0	.3							30.1	6.2
ENE	2.3	4.0	2.3	.3								8.8	5.3
E	2.0	1.5	.3									3.8	3.7
ESE	.3	.3	.3									.8	5.3
SE													
SSE													
S	.8	.8	.3	.3								2.0	4.9
SSW	.5	1.3	1.0	.3								2.8	6.4
SW	.3	.5										.8	3.7
WSW	.5	1.3	.3									2.0	4.5
W	.3											.3	3.0
WNW	1.0											1.0	2.0
NW													
NNW			.3									.3	7.0
VARBL													
CALM												22.5	
	20.5	26.8	24.5	5.6	.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 396

USAFETAC FORM JUL 64 7-8-1 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]315 (STATION) TATALINA AFS AK (STATION NAME) 73,76-81 (YEARS) FEB (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.5	.3								3.3	5.4
NNE	2.3	6.0	2.3	.8								11.3	5.7
NE	7.1	8.8	7.8	1.5	.3							25.4	6.2
ENE	3.8	6.8	3.5									14.1	4.8
E	5.2	2.8	.5									8.6	3.2
ESE	.3											.3	2.0
SE	.3											.3	1.0
SSE		.3	.3									.5	5.5
S	.5	.3	.3	.3								1.3	6.4
SSW	.3		.5									.8	7.3
SW	1.5		.8									2.3	4.7
WSW	.3	.3	.3									.8	5.0
W	1.5	.8	.5									2.8	3.9
WNW	.5	.3	.3									1.0	4.5
NW		.3										.3	4.0
NNW		.5										.5	4.0
VARBL													
CALM												26.7	
	23.9	28.0	18.4	2.8	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 397

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7,23,5 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
FEB — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.5	.1								1.9	5.3
NNE	2.7	3.9	3.5	1.0	.0							11.1	6.2
NE	5.6	7.9	6.8	1.7	.1							22.1	6.0
ENE	5.5	7.9	3.2	.6								17.1	4.9
E	4.5	3.6	1.1	.2								9.4	4.1
ESE	.9	.3	.1	.0								1.3	3.2
SE	.1	.1	.0									.3	4.2
SSE	.2	.3	.1									.6	4.3
S	.9	.7	.3	.2	.0							2.2	4.9
SSW	.5	.7	.7	.3								2.2	6.3
SW	1.0	.9	.4	.1								2.3	4.5
WSW	.6	.4	.1									1.1	3.5
W	1.2	.6	.3	.1								2.1	4.0
WNW	.3	.2	.1	.0								.7	4.4
NW		.1										.1	4.0
NNW	.1	.1	.0									.2	3.7
VARBL													
CALM												25.4	
	20.9	28.2	17.2	4.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 5043

USAFETAC FORM JUL 64 0-9-1 OLETE 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)

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (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	1.3	.9	.8									3.1	4.8
NNE	2.7	6.4	3.2	.4								12.7	5.5
NE	5.1	11.1	6.4									22.6	5.2
ENE	3.7	4.1	1.7	.1								9.8	4.6
E	2.4	1.2	.5									4.1	3.5
ESE	.1	.3	.1									.5	4.5
SE													
SSE	.1		.1									.3	5.0
S	.8	.8	1.1	.3								2.9	6.1
SSW	1.5	1.3	1.1	.4								4.3	5.4
SW	1.2	.9	.9									3.1	4.8
WSW	2.0	.4	.4	.1								2.9	3.7
W	2.0	.4	.4	.3								3.1	4.3
WNW	.5		.1									.7	3.4
NW	.4	.3										.7	3.0
NNW													
VARBL													
CALM												29.2	
	24.0	28.2	17.0	1.6								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 747

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.1	.4	.2								2.9	4.6
NNE	3.0	5.7	3.3	.1								12.1	5.3
NE	8.8	9.1	5.9	.6								22.4	5.2
ENE	3.9	5.6	1.7	.1								11.3	4.4
E	1.9	1.6	.1									3.6	3.5
ESE	.2	.4										.6	3.4
SE	.4	.1	.1									.6	3.6
SSE	.1	.2										.4	3.7
S	1.2	.7	.8	.1								2.9	5.2
SSW	1.5	.8	1.0	.5								3.8	5.7
SW	2.1	1.0	.4		.1							3.5	4.2
WSW	.8	.1	.4	.1								1.5	4.9
W	1.3	.8	.4	.2								2.8	4.7
WNW	.6	.5	.5	.1								1.7	5.6
NW	.2											.2	3.0
NNW			.1									.1	8.0
VARBL													
CALM												29.6	
	25.3	27.8	15.0	2.2	.1							100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 825

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	.6	.2									2.5	3.5
NNE	3.3	4.7	4.0	.4								12.4	5.6
NE	6.3	8.4	4.9	1.1								20.6	5.2
ENE	5.6	6.3	1.1	.1								13.1	4.0
E	4.1	2.2	.2									6.6	3.4
ESE	.4	.1	.1									.6	3.6
SE	.1	.1										.2	4.0
SSE		.2										.2	4.0
S	1.0	.7	.8									2.5	5.0
SSW	1.2	1.7	.7	.5								4.1	5.7
SW	1.5	1.2	1.0	.2								3.9	5.0
WSW	.8	1.0	.5	.1								2.4	4.8
W	1.0	.6	.5	.1								2.2	5.1
WNW	.2	.4										.6	2.8
NW	.6	.2										.8	3.1
NNW	.1											.1	3.0
VARBL													
CALM												26.9	
	27.9	28.5	14.1	2.5								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.4	.6									1.2	5.8
NNE	.6	2.9	2.8	.1								6.4	6.4
NE	4.5	10.0	7.0	1.1								22.6	5.8
ENE	5.8	8.7	3.8	.2								18.6	4.8
E	5.3	6.1	.5	.1								12.0	3.8
ESE	2.8	1.5	.1									4.4	3.1
SE	.4											.4	1.7
SSE	.2	.6	.1									1.0	4.5
S	1.7	1.2	1.2	.2	.1							4.5	5.7
SSW	2.2	1.5	1.5	.1								5.2	4.9
SW	1.7	.8	1.6	.4								4.5	5.5
WSW	.2	.6	.4									1.2	5.2
W	1.0	1.2	.5	.2								2.9	5.0
WNW	.2		.1									.4	4.3
NW	.1											.1	2.0
NNW		.2										.2	5.5
VARBL													
CALM												14.4	
	27.1	35.7	20.1	2.5	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 824

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	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	.8	.5									1.5	6.1
NNE	.7	3.2	3.0	.5								7.4	6.7
NE	1.9	9.1	8.5	1.6								21.1	6.6
ENE	2.3	10.5	4.5	.8								18.2	5.7
E	5.1	8.8	1.2									15.2	4.3
ESE	1.8	1.7	.2									3.8	3.8
SE	.6	.6	.1									1.3	3.4
SSE	.6	.6	.5									1.7	5.1
S	2.3	1.9	1.2	.2								5.7	4.8
SSW	1.0	1.9	1.7	.4								5.0	6.3
SW	1.2	1.6	1.6	.2								4.6	5.8
WSW	.2	1.1	1.1									2.4	6.1
W	.6	1.3	1.7									3.6	5.9
WNW	.1	.5										.6	4.6
NW	.1											.1	3.0
NNW		.2										.2	5.0
VARBL													
CALM												7.6	
	18.8	44.0	25.8	3.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 825

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7_2315	TATALINA AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.0	1.2	.1								2.9	5.9
NNE	.6	4.0	2.9	1.3								8.8	6.8
NE	2.4	9.2	7.9	1.0								20.6	6.5
ENE	5.4	9.1	3.1	.6								18.2	4.8
E	3.5	7.1	.5									11.0	4.2
ESE	1.2	1.2	.1									2.4	4.1
SE	.6	.3										.9	3.0
SSE	1.2		.1	.3								1.5	4.4
S	2.4	2.4	.5	.5								5.9	4.6
SSW	.8	1.5	1.5	.3								4.1	6.1
SW	.6	1.2	.6	.8								3.2	7.3
WSW	.5	.5	.6	.3								1.9	6.7
W	1.3	1.9	2.7	.4								6.3	6.1
WNW	.3	.8	.3									1.3	4.9
NW		.1	.1									.3	7.0
NNW	.3											.3	2.0
VARBL													
CALM												10.3	
	21.7	40.3	22.3	5.5								100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 780

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2315	TATALINA AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.1	1.4	.3								7.2	4.7
NNE	5.7	4.8	3.5	.8	.2							14.9	5.3
NE	5.4	11.4	4.7	.9								22.4	5.4
ENE	4.4	3.9	2.0	.6								10.8	4.7
E	1.5	1.1										2.6	3.2
ESE	.5	.2										.6	2.5
SE	.3											.3	2.0
SSE		.3	.2									.5	6.0
S	1.2	1.1	.6									2.9	4.7
SSW	1.4	1.1	.3	.2								2.9	4.0
SW	1.2	1.4	.8	.2	.2							3.6	5.8
WSW	1.2	1.4	.3	.3								3.2	4.8
W	.9	1.2	.2									2.3	4.0
WNW	.5	1.2										1.7	3.9
NW	.5	.3	.2									.9	4.5
NNW	.2	.6										.8	3.4
VARBL													
CALM												22.7	
	28.1	31.9	13.8	3.2	.3							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 665

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73,75-81 (YEARS) MAR (MONTH)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.2	1.2	.2								3.2	5.7
NNE	3.4	5.6	4.6	1.0								14.5	6.0
NE	6.8	9.8	6.1	.2								22.9	5.3
ENE	3.1	4.6	2.0									9.7	4.6
E	3.1	.8	.3									4.2	3.0
ESE	.7											.7	2.0
SE													
SSE	.2		.3									.5	6.7
S	.3	.2	.7	.2								1.4	6.4
SSW	1.7	1.5	.8									4.1	4.7
SW	1.5	1.0	.7	.2								3.4	4.9
WSW	.5	1.0		.2								1.7	4.3
W	2.7	1.0	.5	.2								4.4	4.1
WNW	1.0	.7										1.7	3.5
NW	.3											.3	1.5
NNW													
VARBL													
CALM												27.3	
	25.9	27.5	17.3	2.0								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 590

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7123 5	TATALINA AFS AK	73-81	MAR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.0	.7	.1								3.0	5.0
NNE	2.4	4.6	3.4	.5	.0							10.9	5.8
NE	4.8	9.7	6.5	.8								21.9	5.7
ENE	4.3	6.8	2.5	.3								13.9	4.8
E	3.4	3.8	.4	.0								7.7	3.8
ESE	1.0	.7	.1									1.8	3.5
SE	.3	.1	.0									.5	3.1
SSE	.3	.3	.2	.0								.8	4.9
S	1.4	1.2	.9	.2	.0							3.7	5.1
SSW	1.4	1.4	1.1	.3								4.2	5.5
SW	1.4	1.1	1.0	.2	.0							3.7	5.4
WSW	.8	.7	.5	.1								2.1	5.0
W	1.3	1.1	.9	.2								3.4	5.1
WNW	.4	.5	.1	.0								1.0	4.3
NW	.3	.1	.0									.4	3.5
NNW	.1	.1	.0									.2	4.1
VARBL													
CALM												20.7	
	24.8	33.2	18.3	2.9	.1							100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 6080

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.8	1.1									4.0	5.0
NNE	2.5	5.5	2.7	.1								10.8	5.4
NE	4.5	6.0	4.7	.7								15.9	5.4
ENE	2.7	3.3	1.0	.3								7.3	4.6
E	3.0	2.6		.1								5.7	3.4
ESE	.7	.1										.8	2.5
SE													
SSE	.3	.3										.5	4.3
S	1.5	.8	1.1									3.6	4.8
SSW	2.3	1.8	.8	.7		.1						5.7	5.6
SW	1.9	2.7	.5	.5	.1							5.9	5.3
WSW	1.4	1.1	.5									3.0	4.1
W	3.0	1.8	.5	.1								5.5	3.7
WNW	.5	1.6	.7									2.9	5.0
NW	.3	.3										.5	3.3
NNW		.1										.1	5.0
VARBL													
CALM												27.8	
	25.9	29.9	13.7	2.6	.1	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 731

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7123.5 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
APR — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.9	.7									3.9	4.6
NNE	2.6	4.0	2.9									9.4	5.2
NE	5.5	6.0	4.2	.1								15.8	4.9
ENE	4.1	3.7	1.4	.1								9.3	4.3
E	3.6	1.0	.1									4.7	2.9
ESE	.4											.4	2.3
SE	.1	.2										.4	3.3
SSE	.4											.4	1.7
S	1.2	.9	.5	.4								3.0	5.1
SSW	1.6	2.0	.9	.6	.2							5.3	6.1
SW	1.9	1.4	.5	.4								4.1	4.9
WSW	1.5	1.5	.4	.1								3.5	4.1
W	2.2	1.0	.1	.1	.1							3.6	3.8
WNW	1.0	1.2	.4									2.6	4.0
NW		.1	.1	.1								.4	8.0
NNW	.1	.1										.2	2.5
VARBL													
CALM												33.0	
	27.5	25.0	12.2	2.0	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 835

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 TATALINA AFS AK 73-81 APR
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	.7	.2	.6	.1								1.7	5.5
NNE	2.5	2.1	1.9	.4								6.8	5.5
NE	3.0	7.9	6.1	.5								17.5	5.9
ENE	3.8	8.4	1.0									13.3	4.2
E	5.6	2.9	.2	.1								8.8	3.3
ESE	1.6	.6	.1									2.4	3.2
SE	.4	.1	.1									.6	3.0
SSE	.5	.1	.1									.7	3.5
S	1.7	1.4	.7	.1								4.3	4.3
SSW	3.2	1.9	1.7	.2								7.1	4.8
SW	1.7	1.0	.5	.7								4.3	5.7
WSW	.9	.9	.1									1.9	3.9
W	1.1	.9	1.1	.1								3.2	5.4
WNW	.9	.6	.6	.1								2.2	4.9
NW			.1									.1	9.0
NNW	.1											.1	3.0
VARBL													
CALM												25.6	
	27.8	29.0	15.1	2.5								100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 806

AFETAC FORM 0-8-1 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315	TATALINA AFS AK	73-81	APR
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	.1	.6									1.0	6.0
NNE	1.6	2.2	3.0									6.8	6.0
NE	1.9	5.4	7.3	.1								14.7	6.3
ENE	3.7	11.6	4.2	.5								20.0	5.4
E	5.1	8.5	2.0	.1								15.7	4.4
ESE	2.5	1.7	.5									4.7	4.1
SE	.9	.1	.1									1.1	3.2
SSE	1.6	.2	.1									2.0	2.9
S	2.7	3.6	1.2	.4	.1							8.0	5.2
SSW	1.6	1.7	1.7	.6								5.7	6.0
SW	1.4	1.5	1.2	.4	.1							4.6	6.0
WSW	.5	1.6	.9	.1								3.1	6.0
W	.4	1.2	.9	.4								2.8	6.8
WNW	.2	.6	.2	.6								1.7	7.8
NW	.1	.4										.5	4.0
NNW		.1										.1	4.0
VARBL													
CALM												7.4	
	24.4	40.8	24.0	3.2	.2							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 829

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
APR — MONTH
ALL WEATHER — CLASS
1200-1400 — 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	1.2	1.0	1.0									3.2	5.3
NNE	.6	1.9	2.1	.2								5.2	7.0
NE	2.2	6.4	5.9	.6								15.2	6.3
ENE	3.0	6.2	6.3	.2	.1							15.8	6.0
E	3.8	10.1	3.2	.2								17.4	5.0
ESE	2.2	2.3	.5									5.1	3.9
SE	.6	1.0										1.6	3.7
SSE	.2	1.0	.6									1.9	5.5
S	2.3	3.5	1.5	1.1								8.4	5.8
SSW	1.0	2.8	2.2	.7								6.8	6.6
SW	.6	.9	3.0	.2	.1							4.8	7.4
WSW	.1	.9	1.0	.2								2.2	7.3
W	.4	1.2	2.2	.6								4.4	7.4
WNW	.5	1.0	1.0	.4								2.8	6.9
NW	.1	.4										.5	3.8
NNW	.2	.5										.7	4.2
VARBL													
CALM												4.0	
	19.3	41.0	30.9	4.7	.2							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM [illegible] 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)

72315	TATALINA AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED KNTS. DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	.7	.5								3.2	6.3
NNE	1.7	2.6	2.5	.1								6.9	5.7
NE	1.7	7.3	6.8	1.0								16.8	6.5
ENE	2.0	6.7	4.0	.6								13.2	6.0
E	3.7	6.2	2.6	.1								12.6	4.7
ESE	1.6	.7										2.3	3.2
SE	1.0	.7		.1								1.9	4.1
SSE	1.0	.5	.1	.2								1.9	4.3
S	2.0	3.8	1.5	.7	.1							8.2	6.1
SSW	2.1	2.0	2.5	.5	.1							7.2	6.1
SW	.7	1.4	3.1	.4								5.6	7.2
WSW	.4	1.4	.7	.5								3.0	6.7
W	1.2	2.5	1.1	.9	.1							5.8	6.4
WNW	.6	1.1	1.6	.6								4.0	7.4
NW	.5	.4	.6									1.5	5.3
NNW	.6	.9		.1								1.6	4.5
VARBL													
CALM												4.4	
	21.5	39.4	27.8	6.4	.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 839

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-76,78-81 (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	1.8	3.4	1.3	.5								6.9	5.2
NNE	2.4	3.9	2.1									8.4	5.0
NE	4.4	6.0	6.1	.8								17.3	5.8
ENE	3.9	3.5	3.1									10.5	4.8
E	1.8	1.8	1.0									4.5	5.1
ESE	.8											.8	1.8
SE	.5											.5	2.0
SSE	.3	.2	.2	.2								.8	6.4
S	1.9	1.9	.8	.2								4.8	4.3
SSW	1.1	1.8	1.8	.8								5.5	6.7
SW	1.5	2.7	1.6	.3								6.1	5.6
WSW	1.9	1.6	1.1									4.7	4.9
W	2.6	3.1	2.3									7.9	5.1
WNW	1.3	1.0	1.8	.2								4.2	6.0
NW	.3	.5	1.0	.3								2.1	7.2
NNW	1.3	1.0		.3								2.6	4.4
VARBL													
CALM												12.4	
	27.7	32.3	24.0	3.5								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 620

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7?2315	TATALINA AFS AK	75-81	APR
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	1.7	.9	.2								3.5	5.8
NNE	4.9	4.9	3.0	.4								13.1	5.1
NE	4.5	6.7	3.5	1.1								15.9	5.6
ENE	2.8	1.9	2.2	.2	.2							7.3	5.4
E	2.8	1.1	.4									4.3	3.3
ESE	.6	.4										.9	3.0
SE	.6											.6	2.3
SSE			.4									.4	7.0
S	.6	1.1	.4	.4	.2							2.6	6.5
SSW	.9	2.4	1.3	.6								5.2	6.5
SW	2.1	2.1	1.1	.6	.2							6.0	5.5
WSW	1.9	.9	.2	.2								3.2	3.9
W	3.7	2.4	1.1	.4								7.6	4.3
WNW	1.5	1.9	.2									3.5	4.1
NW	.6	.7										1.3	3.7
NNW		.6		.2								.7	6.8
VARBL													
CALM												23.9	
	28.0	28.7	14.7	4.1	.6							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 536

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-91 (YEARS) APR (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.3	.9	.2								3.3	5.3
NNE	2.2	3.3	2.5	.2								8.2	5.5
NE	3.4	6.5	5.7	.6								16.1	5.8
ENE	3.3	5.9	2.9	.3	.0							12.4	5.2
E	3.8	4.5	1.2	.1								9.7	4.3
ESE	1.3	.8	.2									2.3	3.6
SE	.5	.3	.0	.0								.9	3.5
SSE	.6	.3	.2	.1								1.1	4.3
S	1.8	2.2	1.0	.4	.1							5.5	5.4
SSW	1.8	2.0	1.6	.6	.1	.0						6.1	6.0
SW	1.4	1.6	1.5	.4	.1							5.0	6.0
WSW	1.0	1.2	.6	.2								3.0	5.1
W	1.7	1.7	1.1	.3	.0							4.9	5.3
WNW	.8	1.1	.8	.3								2.9	5.8
NW	.2	.3	.2	.1								.8	5.4
NNW	.3	.4		.1								.7	4.5
VARBL													
CALM												17.0	
	25.0	33.5	20.5	3.6	.2	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 5926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	MAY
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	1.2	1.6	.3									3.0	4.1
NNE	3.4	5.2	1.5									10.1	4.4
NE	4.2	3.4	1.5	.4								9.5	4.6
ENE	2.4	2.3	.8									5.4	4.2
E	1.3	.7	.3									2.3	3.6
ESE	.3											.3	2.5
SE	.5	.3										.8	3.0
SSE	.4	.3	.1									.8	3.8
S	1.7	1.2	.5									3.4	4.0
SSW	2.4	2.1	.4	.1								5.0	4.2
SW	3.2	4.0	1.3	.3								8.7	4.8
WSW	3.7	3.0	.5	.1								7.4	4.0
W	3.8	3.6	.7	.1								8.2	4.0
WNW	.9	.8	1.3	.1								3.2	5.6
NW	.4	.8										1.2	3.9
NNW		.4	.1									.5	5.3
VARBL													
CALM												30.1	
	29.9	29.5	9.3	1.2								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 755

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.7	.4									2.3	4.2
NNE	1.9	2.5	1.3	.1								5.9	5.0
NE	3.2	4.8	1.9	.2								10.2	4.9
ENE	3.5	1.8	.2	.4								5.9	3.9
E	2.8	2.0		.1								4.9	3.3
ESE	.6	.1										.7	3.0
SE	.4											.4	1.7
SSE	.1	.2	.1									.5	4.8
S	2.2	1.2	.4									3.7	3.6
SSW	3.1	3.1	.7	.4								7.3	4.3
SW	4.9	3.2	.6									8.8	3.6
WSW	3.8	3.2	.2	.4								7.7	3.8
W	3.6	2.2	.2	.1								6.1	3.5
WNW	.7	1.3	1.0									3.0	5.1
NW	.4	.2	.1									.7	4.0
NNW			.4									.4	8.7
VARBL													
CALM												31.5	
	32.5	26.8	7.6	1.7								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 832

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.7	.7	.2								2.3	5.7
NNE	1.7	1.2	1.1									4.0	4.7
NE	3.7	5.5	4.1	.5								13.8	5.4
ENE	4.6	3.4	1.7									9.6	4.3
E	5.2	2.6	.7	.1								8.7	3.6
ESE	1.7	1.0	.1									2.8	3.5
SE	.6	.6		.1								1.3	4.0
SSE	1.0	.6	.1	.1								1.8	3.8
S	3.4	2.0	.7									6.1	3.7
SSW	4.3	2.6	.7	.5	.1							8.3	4.5
SW	2.9	2.9	.8	.1								6.7	4.3
WSW	1.6	1.3	.2									3.1	4.0
W	1.1	2.4	.8	.1								4.4	5.1
WNW	.4	1.3	.6									2.3	5.3
NW	.5	.2										.7	3.2
NNW	.2	.2										.5	3.8
VARBL													
CALM												23.6	
	33.3	28.7	12.5	1.8	.1							100.3	3.9

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.5	.5									1.9	4.4
NNE	1.6	3.7	1.7	.1								7.1	5.1
NE	2.2	7.0	4.6	.4								14.0	5.9
ENE	2.0	6.0	4.0	.5								12.5	5.9
E	3.5	6.5	1.8	.1								11.9	4.7
ESE	1.0	1.2	.6									2.8	4.7
SE	1.8	2.0	.2									4.1	3.9
SSE	.6	2.3										2.9	4.3
S	3.8	4.0	1.9									9.7	4.7
SSW	2.5	1.8	1.2	.4								5.9	4.9
SW	2.2	2.0	1.8	.2								6.2	5.5
WSW	1.3	1.2	.6	.2								3.4	4.8
W	1.1	2.9	1.0	.1								5.0	5.0
WNW	.8	1.1	.5	.1								2.5	5.1
NW	.5	.7	.4	.2								1.8	5.8
NNW	.4	.2										.6	4.0
VARBL													
CALM												7.8	
	26.1	43.0	20.6	2.4								100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 834

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-91	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	.5	1.7	1.4	.1								3.7	6.4
NNE	1.9	2.5	1.8									6.2	5.0
NE	1.6	4.8	3.8	.7								10.9	6.2
ENE	1.4	7.2	4.2	1.0	.1							13.9	6.5
E	2.6	4.4	2.6	.5								10.2	5.6
ESE	2.8	2.3	.6	.1								5.8	4.1
SE	1.2	1.8	.5	.1								3.6	4.5
SSE	.8	1.7	.2									2.8	4.2
S	2.8	4.3	2.0	.5								9.6	5.3
SSW	1.9	3.8	1.2	.2								7.2	5.2
SW	.8	2.2	1.8	1.0								5.8	6.8
WSW	.7	1.0	1.3	.7								3.7	7.3
W	.5	1.7	2.3	.4								4.8	6.8
WNW	1.0	1.6	1.2									3.7	5.4
NW	.4	.6	.5	.1								1.6	6.2
NNW	.6	.2	.4									1.2	5.3
VARBL													
CALM												5.3	
	21.5	41.8	25.9	5.4	.1							100.2	5.4

TOTAL NUMBER OF OBSERVATIONS 833

USAFETAC FORM JUL 64 3484 OLETA PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.3	2.2	1.3	.1								4.9	5.5
NNE	1.1	3.2	1.8	.1								6.2	5.6
NE	1.8	4.8	4.2	.4								11.2	6.0
ENE	1.8	4.2	4.4	1.1	.1							11.7	6.9
E	2.2	3.2	1.9	.5	.1							7.9	6.0
ESE	1.7	1.3	.2									3.2	3.8
SE	1.3	1.3										2.6	3.7
SSE	.4	1.8	1.1									3.2	5.8
S	2.3	3.5	1.0	.2								7.0	4.9
SSW	3.1	3.5	2.6	.2								9.5	5.4
SW	1.0	2.5	2.0	.7								6.2	6.6
WSW	.7	1.2	1.3	1.1								4.3	7.4
W	2.4	2.5	3.4	.5								8.8	6.0
WNW	1.0	1.9	1.1									4.0	5.5
NW	1.1	1.2	.5									2.8	4.7
NNW	.6	.4	.4									1.3	4.4
VARBL													
CALM												5.0	
	23.7	38.8	27.3	4.9	.2							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 832

USAFETAC FORM 0-64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315	TATALINA AFS AK	73-81	MAY
STATION	STATION NAME	YEARS	MONTH
ALL WEATHER			1800-2000
CLASS			HOURS (L.S.T.)
CONDITION			

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	3.6	1.8									8.0	4.8
NNE	2.3	3.2	1.5									7.0	4.6
NE	2.3	4.6	2.7									9.6	5.2
ENE	1.8	3.0	3.5	.5								8.8	6.3
E	1.0	2.0	1.8	.3	.2							5.3	6.7
ESE	2.3	1.0	.2									3.5	3.4
SE	.8	.7										1.5	3.7
SSE	.3	.5	.5									1.3	5.0
S	2.2	2.5	.7									5.3	4.3
SSW	1.8	2.8	.8									5.5	4.6
SW	1.8	2.5	2.7	.8								7.8	6.1
WSW	2.2	2.5	3.0									7.6	5.6
W	2.8	4.6	2.8									10.3	5.3
WNW	.8	2.2	.3									3.3	4.5
NW	1.5	.5	.3									2.3	3.9
NNW	1.5	1.3	.3									3.2	3.9
VARBL													
CALM												9.8	
	28.0	37.5	22.9	1.7	.2							100.3	4.7

TOTAL NUMBER OF OBSERVATIONS 603

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 — STATION
TATALINA AFS AK — STATION NAME
74-81 — 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	3.1	4.2	1.5									8.8	4.4
NNE	3.1	6.2	.7									10.1	4.4
NE	3.3	2.8	.9	.2								7.2	4.2
ENE	1.1	2.2	1.8	.2								5.1	5.7
E	1.3	.9	.4	.2								2.8	4.3
ESE	.6											.6	1.3
SE		.2										.2	6.5
SSE	.6	.4	.2									1.1	4.0
S	2.0	1.3										3.3	3.2
SSW	3.1	2.6	1.1									6.8	4.3
SW	2.8	1.7	1.1	.2								5.7	4.4
WSW	4.8	3.1	.6	.4								8.8	4.0
W	6.1	3.1	1.3	.6								11.0	4.2
WNW	2.8	2.0	.6	.2								5.5	4.5
NW	.6	.9	.2									1.7	4.7
NNW	.7	.7	.2									1.7	4.7
VARBL													
CALM												19.7	
	35.8	32.2	10.5	1.8								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 544

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 23 15 — STATION — TATALINA AFS AK — STATION NAME — 73-81 — YEARS — MAY — MONTH

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

CONDITION

SPEED (KNOTS) OR DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.7	1.7	.9	.1								4.3	5.0
NNE	2.1	3.3	1.5	.0								6.9	4.9
NE	2.8	4.8	3.1	.4								11.0	5.5
ENE	2.4	3.9	2.6	.5	.0							9.4	5.7
E	2.6	3.0	1.2	.2	.0							7.3	4.9
ESE	1.4	.9	.2	.0								2.5	3.8
SE	.9	.9	.1	.0								1.9	3.9
SSE	.5	1.0	.3	.0								1.9	4.6
S	2.6	2.6	1.0	.1								6.2	4.5
SSW	2.8	2.8	1.1	.2	.0							7.0	4.7
SW	2.4	2.7	1.5	.4								7.0	5.2
WSW	2.2	2.0	.9	.4								5.5	4.9
W	2.5	2.8	1.5	.2								7.0	5.0
WNW	1.0	1.5	.8	.0								3.3	5.1
NW	.6	.6	.2	.0								1.6	4.7
NNW	.5	.4	.2									1.1	4.6
VARBL													
CALM												16.5	
	25.5	34.9	17.3	2.7	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 6055

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	.7	.1									2.7	3.1
NNE	2.1	.4	.3	.1								2.9	3.7
NE	1.3	1.3	.4	.3								3.2	4.9
ENE	.3	.7	.3									1.3	4.4
E	1.0	.4	.1									1.5	3.3
ESE	.7											.7	1.6
SE				.1								.1	12.0
SSE	.6		.4									1.0	5.0
S	2.5	2.4	.6	.1								5.6	4.1
SSW	5.6	3.2	1.4	.1								10.3	4.3
SW	6.0	2.9	1.3	.1		.1						10.5	4.1
WSW	4.7	2.1	.8	.1								7.8	3.8
W	7.3	4.2	2.0	.1								13.3	4.0
WNW	1.1	2.2	.8	.1								4.3	4.9
NW	.8		.3									1.1	4.1
NNW	.4	.3										.7	3.0
VARBL													
CALM												33.0	
	35.9	20.8	9.8	1.4		.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 716

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.6										1.4	3.2
NNE	1.5	.5		.1								2.2	3.4
NE	2.4	.6										3.0	2.6
ENE	1.1	1.3										2.4	3.6
E	1.5	.6										2.2	2.9
ESE	.5											.5	2.3
SE	.3											.3	2.0
SSE	.6	.1		.1								.9	4.3
S	3.8	2.3	.5	.3								6.9	4.0
SSW	6.5	5.2	.6		.1							12.5	3.8
SW	7.1	2.9	1.3	.4								11.7	3.8
WSW	3.8	4.7	.3	.1								8.9	4.0
W	4.7	2.7	.6	.4								8.4	3.9
WNW	.9	.8	.4									2.0	4.6
NW	.1	.3										.4	4.3
NNW		.3										.3	4.5
VARBL													
CALM												36.2	
	35.7	22.9	3.7	1.4	.1							100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 787

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7[illegible]2315	TATALINA AFS AK	73-81	JUN
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER	0600-0600
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	.5	.3										.8	3.7
NNE	1.3	.9	.4									2.5	4.2
NE	2.9	1.4	.1									4.4	3.2
ENE	2.3	2.9	.3									5.5	3.7
E	2.8	1.0	.3									4.1	3.1
ESE	1.3	.1										1.4	2.4
SE	.6											.6	2.6
SSE	1.9	.3	.1									2.3	2.8
S	4.3	5.2	1.1	.5								11.2	4.5
SSW	6.5	5.3	3.0									14.8	4.4
SW	4.7	5.3	2.0	.4								12.4	4.6
WSW	1.9	2.2	.8	.1								4.9	4.5
W	2.8	3.0	1.1	.1								7.1	4.5
WNW	1.5	.5	.5									2.5	4.1
NW	.3											.3	1.5
NNW	.1	.1										.3	3.0
VARBL													
CALM												24.9	
	35.7	28.6	9.8	1.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	JUN
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	.9	.9	.1	.1								2.0	4.7
NNE	1.1	.9	.1									2.2	3.6
NE	2.0	2.0	.8									4.8	4.3
ENE	1.5	2.9	.8	.1								5.3	4.5
E	2.3	2.2	.3	.4								5.1	4.5
ESE	2.0	1.1	.1									3.3	3.3
SE	1.0	1.4										2.4	3.6
SSE	1.3	1.0	.4									2.7	4.1
S	4.2	7.0	1.8	.9								13.8	5.0
SSW	2.8	5.7	3.3	.8								12.6	5.7
SW	3.8	4.8	3.3	.3								12.2	5.0
WSW	1.3	4.4	1.8	.3								7.7	5.6
W	2.3	3.8	2.8	.3								9.1	5.6
WNW	1.4	1.6	1.4	.4								4.8	5.8
NW	.4	1.0	.6									2.0	4.9
NNW	.5	.3	.3									1.0	4.4
VARBL													
CALM												8.9	
	28.8	41.1	17.8	3.4								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 788

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.9	.4									3.2	4.4
NNE	1.0	1.5	.4									2.9	4.5
NE	1.1	2.4	1.1	.5								5.2	6.1
ENE	1.1	2.5	1.0	.1								4.8	5.2
E	1.0	2.5	1.0	.1								4.7	5.2
ESE	1.0	1.6	.4	.1								3.2	4.8
SE	.6	.8										1.4	3.8
SSE	1.9	.9	.6	.1								3.6	4.3
S	3.9	5.1	2.8	.8								12.6	5.4
SSW	3.7	5.8	3.6	.9								14.0	5.7
SW	3.0	4.8	3.0	.4								11.3	5.5
WSW	.9	3.3	1.8	.3								6.2	6.0
W	1.5	3.8	6.0	.5								11.8	6.5
WNW	1.4	1.6	2.0	.6								5.7	6.5
NW	1.0	1.5	.6									3.2	4.7
NNW	.1	.8	.3									1.1	5.4
VARBL													
CALM												5.2	
	24.4	41.0	25.0	4.8								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.8	.3									2.8	4.7
NNE	1.5	1.5	.3	.1								3.4	4.2
NE	.9	1.6	1.6									4.2	5.6
ENE	1.2	2.0	1.8	.1								5.1	5.8
E	2.2	1.6	1.8									5.5	4.8
ESE	1.3	.4	.4	.3								2.4	5.2
SE	.8	.3	.1									1.2	3.4
SSE	.7	1.2	.3									2.2	4.4
S	2.6	4.9	2.4	.3								10.1	5.2
SSW	1.5	5.8	4.2	.3								11.7	6.0
SW	2.6	4.6	4.2	.7								12.0	6.0
WSW	1.2	3.4	3.9	.3								8.8	6.5
W	2.0	5.7	5.1	.7								13.5	6.2
WNW	.9	3.0	2.0	.4								6.3	6.4
NW	.9	2.6	.5									4.0	5.0
NNW		.8	.1									.9	5.6
VARBL													
CALM												5.7	
	21.2	41.0	29.0	3.1								100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 741

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2315	TATALINA AFS AK	74-76,78-81	JUN
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	.4	1.5	.2	.2								2.4	5.0
NNE	.7	1.8										2.4	3.8
NE	1.5	1.8	.2									3.5	4.1
ENE	.7	.7	.7									2.0	5.2
E	1.1	1.5	1.3	.2								4.2	5.3
ESE	.9	.4	.2									1.5	3.7
SE	.4	.4										.9	3.5
SSE	1.3	1.5										2.9	3.8
S	3.1	5.3	2.0									10.4	4.9
SSW	2.2	5.3	2.9	.7								11.0	5.8
SW	4.2	5.9	3.5	.4		.2						14.3	5.7
WSW	.9	4.0	1.8	.4	.2							7.3	6.4
W	2.9	5.5	4.6	.2								13.2	5.9
WNW	1.3	4.2	1.5	.4								7.5	5.7
NW	.4	.9	.7									2.0	5.9
NNW		.4	.2									.7	5.7
VARBL													
CALM												13.9	
	22.0	41.2	19.8	2.6	.2	.2						100.0	4.7

TOTAL NUMBER OF OBSERVATIONS 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	.8	.2									3.3	3.6
NNE	2.3	.8	.2									3.3	3.3
NE	2.7	1.7	.4									4.8	3.7
ENE	.4	.4	.2									1.0	5.2
E	.2											.2	2.0
ESE	.8	.4										1.2	2.8
SE	.4											.4	2.5
SSE	.8											.8	2.0
S	2.3	2.5	2.1									6.8	5.4
SSW	4.3	3.5	2.1									9.9	4.5
SW	2.5	6.2	2.3	.2	.2	.2						11.6	5.6
WSW	3.3	2.3	.8	.2								6.6	4.0
W	6.8	5.2	1.7	.2								13.8	4.1
WNW	2.1	2.7	1.0									5.8	4.4
NW	.2	1.0	.8	.2								2.3	5.8
NNW	.4	.6	.2									1.2	4.7
VARBL													
CALM												16.9	
	31.8	28.1	12.0	.8	.2	.2						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 484

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 TATALINA AFS AK 73-81 JUN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNOTS) / DIR	1 - 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	1.0	.2	.0								2.3	4.1
NNE	1.4	1.0	.2	.1								2.7	3.9
NE	1.9	1.6	.6	.1								4.2	4.4
ENE	1.2	1.8	.6	.1								3.7	4.7
E	1.6	1.3	.6	.1								3.6	4.3
ESE	1.1	.5	.1	.1								1.8	3.8
SE	.5	.4	.0	.0								1.0	3.6
SSE	1.2	.5	.3	.0								2.1	4.0
S	3.4	4.4	1.6	.4								9.8	4.9
SSW	4.2	5.1	2.7	.3	.0							12.3	5.0
SW	4.3	4.6	2.6	.4	.0	.1						11.9	5.0
WSW	2.3	3.3	1.5	.2	.0							7.3	5.1
W	3.6	4.1	3.0	.3								11.0	5.2
WNW	1.3	1.9	1.2	.3								4.7	5.5
NW	.5	.9	.4	.0								1.9	4.9
NNW	.2	.4	.1									.8	4.7
VARBL													
CALM												19.2	
	29.7	33.0	15.7	2.4	.1	.1						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 5546

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.3										1.0	2.9
NNE	1.2	.5										1.8	3.3
NE	1.2	1.4	.4									3.0	4.1
ENE	1.1	1.0	.1									2.2	3.4
E	1.5	.1	.4									2.1	3.5
ESE	.1	.1										.3	2.5
SE	.4											.4	2.0
SSE	.1			.1								.3	7.0
S	1.4	1.4	.7	.1								3.6	4.6
SSW	4.1	5.6	1.5									11.2	4.4
SW	5.5	5.9	1.4	.1								12.9	4.2
WSW	5.1	4.2	1.4									10.7	3.8
W	8.1	4.8	1.0									13.8	3.5
WNW	1.4	1.8	.8	.1								4.1	4.8
NW	.8	.3	.3									1.4	4.0
NNW	.3											.3	2.0
VARBL													
CALM												31.1	
	33.0	27.4	7.9	.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 730

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0300-0600 (HOURS L.S.T.)

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2											.2	2.5
NNE	1.1	.2										1.4	2.5
NE	1.4	1.7	.2									3.4	4.2
ENE	1.7	.9										2.6	3.2
E	1.9	.2	.1									2.2	2.6
ESE	.2											.2	2.0
SE													
SSE	.5		.2									.9	4.7
S	1.4	2.6	.9	.1								5.0	4.8
SSW	5.7	4.6	1.6	.2								12.2	4.4
SW	6.2	6.0	1.0									13.2	3.9
WSW	5.2	4.2	1.0									10.5	3.7
W	6.9	3.7	.4	.2								11.2	3.4
WNW	2.6	1.1	.2									4.0	3.5
NW	.5	.9	.1									1.5	3.7
NNW	.4		.1									.5	4.5
VARBL													
CALM												30.8	
	36.2	26.3	6.0	.6								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 831

USAFETAC FORM JUL 64 (PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7.2315 TATALINA AFS AK 73-81 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800
CLASS HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5											.5	2.5
NNE	.7	.2										1.0	2.9
NE	2.2	1.6	.2									4.1	3.5
ENE	2.4	1.4	.2									4.0	3.3
E	3.1	1.6										4.7	3.0
ESE	1.7	.1										1.9	2.1
SE	1.0	.4										1.4	2.8
SSE	.5	.7	.2									1.5	4.6
S	4.0	2.6	1.0	.1								7.7	4.0
SSW	6.7	5.7	2.5	.1								15.0	4.4
SW	5.8	5.3	1.2	.5								12.9	4.3
WSW	2.9	1.7	.7									5.3	4.0
W	3.5	2.1	.7	.2								6.6	4.2
WNW	.9	.7	.1	.1								1.9	4.3
NW		.4										.4	4.3
NNW	.1	.1										.2	3.5
VARBL													
CALM												30.8	
	36.1	24.9	7.1	1.1								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 504

USAFETAC FORM 0-64

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNOTS) DIR	1 - 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	.3	.1									1.1	3.3
NNE	1.5	.9										2.4	3.4
NE	2.5	2.1	1.1									5.8	4.3
ENE	1.8	3.1	.6									5.5	4.5
E	3.5	2.5	1.0									6.5	4.1
ESE	1.3	.8	.1	.1								2.5	3.8
SE	1.1	1.1										2.3	3.4
SSE	2.3	1.3	.5									3.8	4.1
S	4.9	6.9	2.3									13.8	4.3
SSW	6.5	6.1	3.6	.4								16.6	4.7
SW	3.6	3.4	3.5	.3								10.8	5.3
WSW	.8	1.8	1.1	.3								3.9	5.5
W	3.4	4.3	1.6									9.3	4.5
WNW	1.3	2.1	1.1									4.3	5.2
NW	.3	.4										.6	3.4
NNW													
VARBL													
CALM												11.1	
	34.8	36.6	16.5	1.0								100.0	4.1

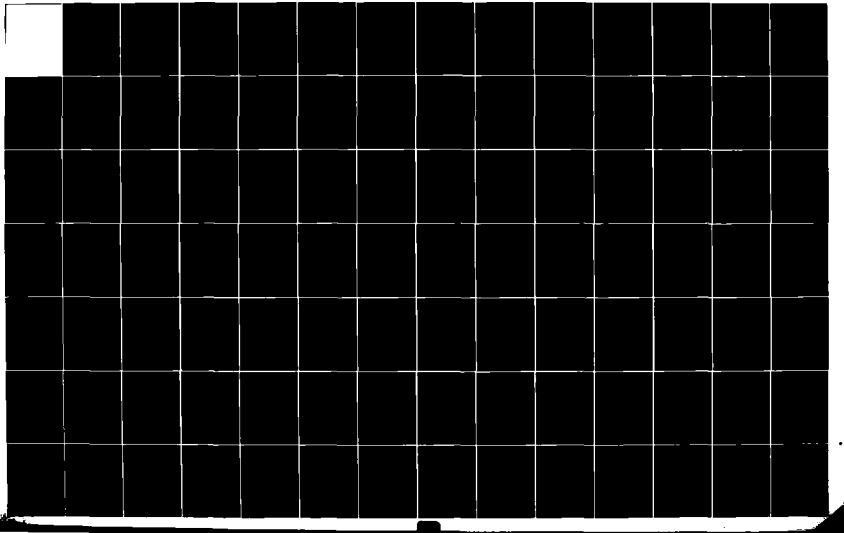
TOTAL NUMBER OF OBSERVATIONS 800

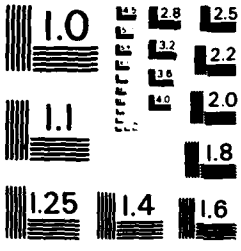
USAFETAC FORM 0-9 OCT 74 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A128 118 TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 368 F/G 4/2 NL

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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)

702315	TATALINA AFS AK	73-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.1	.1									2.6	3.7
NNE	1.4	1.2	.1									2.7	3.9
NE	1.6	2.9	.9									5.4	4.7
ENE	.9	2.0	1.5	.2								4.6	5.8
E	1.7	2.1	.7	.1								4.7	4.7
ESE	2.5	1.2	.1									3.9	3.3
SE	1.0	2.4										3.4	4.1
SSE	.9	2.1	.1									3.1	4.2
S	4.1	7.0	3.6	.5								15.2	5.2
SSW	4.5	6.7	3.6	.9								15.7	5.4
SW	2.7	4.5	3.2	.2	.1							10.8	5.7
WSW	1.0	2.4	1.4	.1								4.9	5.7
W	2.0	4.4	1.9	.4								8.6	5.3
WNW	1.0	2.1	1.7	.1								5.0	5.8
NW	.6	.4	.5									1.5	5.3
NNW	.6	.5	.2									1.4	4.3
VARBL													
CALM												6.6	
	27.9	43.0	19.8	2.6	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 803

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-74,76-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.4	1.1	.1									2.7	3.6
NNE	1.3	1.3										2.6	3.7
NE	2.6	1.9	.3									4.7	3.7
ENE	1.0	1.7	1.9	.1								4.7	5.9
E	2.3	1.9	.7									4.9	4.2
ESE	1.9	.7	.1									2.7	3.1
SE	1.3	1.1	.1									2.6	3.7
SSE	1.1	2.1	.3									3.6	4.4
S	2.7	5.4	2.1	.4								10.7	5.4
SSW	4.1	5.7	4.6	1.0								15.4	5.7
SW	2.3	6.0	3.3	.6		.1						12.3	5.9
WSW	1.6	3.4	.7	.1								5.8	4.8
W	2.0	4.0	2.0	.6								8.6	5.6
WNW	1.9	2.7	2.6	.6								7.7	6.1
NW	1.1	1.3	.6	.1								3.1	5.1
NNW	.3	.3	.1									.7	4.6
VARBL													
CALM												7.3	
	28.8	40.7	19.5	3.6		.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 701

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	74,76-81	JUL
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1800-2000
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.6	1.8	.6									5.0	3.8
NNE	2.8	1.0	.6									4.4	3.5
NE	.8	1.6	.4									2.8	4.6
ENE	1.4	1.0	1.0									3.4	4.8
E	.8	.2	1.0	.2								2.2	6.2
ESE	.2	.4										.6	3.7
SE	1.6	.2										1.8	2.8
SSE	1.0	.4										1.4	2.4
S	1.8	3.6	2.2	.2								7.8	5.3
SSW	3.4	5.4	4.6	.6								14.1	5.6
SW	3.8	4.8	2.4	.2								11.3	5.0
WSW	1.6	3.2	1.0	.6								6.4	5.3
W	3.8	5.2	2.0	.2								11.3	4.6
WNW	1.8	2.6	2.0	.2								6.6	5.5
NW	.8	2.8	.2									3.6	5.1
NNW	.4	1.0		.2								1.6	5.4
VARBL													
CALM												15.5	
	28.8	35.2	18.1	2.4								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 497

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.3	1.7	.4									4.4	3.6
NNE	3.0	1.0										4.0	3.0
NE	2.1	1.5		.2								3.8	3.6
ENE	.2	1.1	.4									1.7	5.2
E	.4	.2	.2	.2								1.0	6.0
ESE	.4											.4	2.0
SE	.2											.2	2.0
SSE		.2										.2	4.0
S	2.3	2.1	.4									4.8	4.0
SSW	4.0	3.4	3.4	.2								11.0	5.2
SW	4.0	5.0	1.7	.2								10.9	4.6
WSW	4.4	2.7	.6									7.6	3.6
W	5.9	2.9	1.0	.2								9.9	3.6
WNW	2.9	2.9	1.1	.4								7.2	4.7
NW	1.1	1.3	1.0									3.4	4.6
NNW	.6	1.3										1.9	4.2
VARBL													
CALM												27.6	
	33.7	27.2	10.1	1.3								100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 525

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) ALL (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	1.1	.7	.1									1.9	3.5
NNE	1.5	.8	.1									2.4	3.3
NE	1.8	1.9	.5	.0								4.2	4.1
ENE	1.4	1.6	.7	.1								3.7	4.6
E	2.0	1.2	.5	.1								3.7	4.0
ESE	1.2	.4	.1	.0								1.7	3.1
SE	.8	.7	.0									1.5	3.5
SSE	.8	.9	.2	.0								1.9	4.2
S	2.9	4.1	1.6	.2								8.8	4.8
SSW	5.0	5.5	3.1	.4								14.1	4.9
SW	4.3	5.1	2.2	.3	.0	.0						11.9	4.8
WSW	2.8	2.9	1.0	.1								6.9	4.4
W	4.4	3.9	1.3	.2								9.8	4.3
WNW	1.6	1.9	1.2	.2								4.9	5.1
NW	.6	.8	.3	.0								1.8	4.6
NNW	.3	.3	.1	.0								.7	4.4
VARBL													
CALM												20.1	
	32.6	32.7	13.0	1.6	.0	.0						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 5661

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.4										1.1	2.9
NNE	1.5	1.4	.3									3.2	4.1
NE	2.9	1.5	.1									4.6	3.3
ENE	2.8	1.8	.1									4.7	3.2
E	2.9	.7										3.6	2.6
ESE	.6											.6	2.5
SE	.3											.3	1.5
SSE	.3	.3										.6	3.0
S	1.8	1.5	.7	.1								4.2	4.8
SSW	2.8	2.4	.7	.3								6.1	4.6
SW	5.4	4.0	.8	.1								10.4	3.8
WSW	5.0	2.6	.4									8.1	3.3
W	7.9	1.5	.3									9.7	2.7
WNW	2.4	.8	.1									3.3	3.0
NW	.7	.4	.3	.1								1.5	4.9
NNW	.3	.3										.6	4.3
VARBL													
CALM												37.5	
	38.2	19.7	3.9	.7								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 720

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0300-0500
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.1										.9	2.4
NNE	1.3	.8	.1									2.1	3.5
NE	3.4	1.8	.6									5.8	3.4
ENE	3.5	1.6	.4									5.5	3.4
E	3.5	.4										3.9	2.5
ESE	.9											.9	1.9
SE	.4											.4	1.7
SSE	.3	.4	.1									.8	4.3
S	2.9	1.8	.6									5.3	3.8
SSW	5.4	2.5	.8	.5								9.1	4.0
SW	6.6	3.5	1.0	.1								11.3	3.7
WSW	3.8	1.6	.3	.1								5.8	3.5
W	6.1	1.4	.1									7.6	2.7
WNW	1.6	.8										2.4	2.9
NW	.4		.1									.5	4.0
NNW	.1	.1										.3	3.5
VARBL													
CALM												37.8	
	40.8	16.6	4.1	.8								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 890

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.1										.4	3.0
NNE	1.2	.7										2.0	3.1
NE	2.6	2.6	1.1									6.4	4.3
ENE	3.5	2.4	.2									6.1	3.6
E	4.7	1.9										6.6	2.8
ESE	1.6	.4										2.0	2.4
SE	.4	.2										.6	3.0
SSE	.4	.7										1.1	3.4
S	3.7	2.1	.1	.1								6.1	3.6
SSW	5.6	4.9	1.1	.1								11.7	4.0
SW	6.4	3.7	.9	.2								11.2	3.6
WSW	2.9	1.1	.4									4.4	3.3
W	3.6	1.5	.2									5.4	3.3
WNW	.7	.5										1.2	2.8
NW	.2											.2	2.0
NNW	.1	.4										.5	4.0
VARBL													
CALM												34.0	
	38.1	23.3	4.1	.5								100.0	2.3

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5		.1								1.2	4.2
NNE	.6	1.4										2.0	4.1
NE	3.2	4.5	2.1	.1								10.0	4.7
ENE	3.4	4.2	1.6	.1								9.4	4.6
E	5.2	3.1	.7									9.1	3.6
ESE	3.0	1.2	.1									4.4	2.9
SE	1.1	.6										1.7	3.2
SSE	1.7	1.2	.5									3.5	4.2
S	4.6	5.1	1.9	.2								11.9	4.5
SSW	5.4	5.4	1.9	.5								13.1	4.6
SW	3.7	3.5	1.4	.1								8.7	4.4
WSW	1.4	1.4	.7	.2								3.7	5.0
W	1.7	2.2	1.1									5.1	4.6
WNW	1.4	1.0	.6									3.0	4.6
NW	.1	.1										.2	3.0
NNW	.2	.2	.1									.6	4.6
VARBL													
CALM												12.2	
	37.6	35.8	12.9	1.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1200-1400 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.5										1.1	3.2
NNE	1.5	1.3										2.8	3.2
NE	2.0	6.3	1.6									9.9	4.8
ENE	2.5	4.6	1.8	.5								9.4	5.3
E	3.0	3.9	.9									7.8	4.2
ESE	1.9	.9		.1								2.9	3.2
SE	2.1	.4	.5									3.0	3.5
SSE	2.5	1.6										4.1	3.2
S	4.8	7.3	2.9	.3								15.1	4.9
SSW	3.0	5.8	2.0	.4								11.1	5.2
SW	2.5	4.6	2.4	.1								9.6	5.3
WSW	.8	2.4	1.5	.4								5.3	6.0
W	2.0	2.9	1.9									6.8	4.9
WNW	.8	1.5	.9									3.1	5.1
NW	.3	.4	.3									.9	4.9
NNW	.4	.1	.4									.9	5.3
VARBL													
CALM												6.6	
	30.5	44.3	16.9	1.8								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 830

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.0	.3									4.1	3.8
NNE	1.1	2.7	.2									3.9	4.1
NE	1.7	3.4	.9									6.1	4.8
ENE	2.2	3.9	1.6									7.7	5.0
E	2.8	4.1	.9	.2								8.0	4.5
ESE	2.2	.9										3.1	3.1
SE	.6	.6										1.3	3.1
SSE	.8	1.7	.3	.2								3.0	5.0
S	3.0	4.5	2.8	.8								11.1	5.7
SSW	3.6	4.8	2.8	.8								12.0	5.2
SW	2.8	5.3	1.7	.2								10.0	4.8
WSW	1.6	2.8	1.6	.3								6.3	5.7
W	2.3	3.3	3.1	.3								9.1	5.7
WNW	1.1	1.4	.2	.2								2.8	4.9
NW	.3	.2										.5	3.3
NNW	.2	.6	.9	.2								1.9	6.4
VARBL													
CALM												9.4	
	28.0	42.3	17.3	3.0								100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 680

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-74,76-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	1.7	.6	.2								5.7	3.6
NNE	2.0	2.0										4.1	3.2
NE	3.5	2.6	.6									6.6	3.9
ENE	2.2	3.1	.7									6.1	4.4
E	1.7	.6	.7									2.9	4.3
ESE	.6	.2		.2								.9	4.8
SE	.4											.4	3.0
SSE	1.3	.4	.2									1.8	3.5
S	3.1	3.3	2.0	.4								8.8	4.9
SSW	3.5	3.9	.6									7.9	3.9
SW	4.6	3.5	3.3									11.4	4.8
WSW	2.8	2.2	1.8									6.8	4.7
W	2.8	3.1	1.3									7.2	4.2
WNW	1.5	1.7	.4									3.5	3.9
NW	.6	.4										.9	3.4
NNW	.2	.4	.4									.9	6.2
VARBL													
CALM												23.9	
	33.9	28.9	12.5	.7								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 583

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.5	1.5	.4	.2								4.5	4.0
NNE	4.9	2.5										7.4	3.1
NE	2.8	2.6										5.5	3.6
ENE	1.7	1.5	.6									3.8	4.2
E	1.1	.6	.2									1.9	3.3
ESE	.2	.4										.6	4.0
SE		.2										.2	4.0
SSE													
S	1.3	2.1	.6									4.0	4.3
SSW	3.0	2.3	1.1	.2								6.6	4.6
SW	4.5	3.2	.4	.2								8.3	3.8
WSW	6.6	2.1	.8									9.5	3.1
W	8.5	2.1	.2	.2								11.0	2.9
WNW	3.2	.4										3.6	2.5
NW	.9	.2	.4									1.5	4.1
NNW	.2	.9	.4									1.5	5.3
VARBL													
CALM												30.2	
	41.6	22.5	4.9	.8								100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 529

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	AUG
STATION	STATION NAME	YEARS	MONTH

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

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	.8	.1	.1								2.1	3.6
NNE	1.6	1.5	.1									3.2	3.5
NE	2.8	3.2	1.0	.0								7.0	4.2
ENE	2.8	2.9	.9	.1								6.7	4.3
E	3.3	2.0	.4	.0								5.7	3.6
ESE	1.4	.5	.0	.0								2.0	3.0
SE	.7	.3	.1									1.0	3.2
SSE	.9	.8	.1	.0								1.9	3.9
S	3.3	3.5	1.4	.2								8.5	4.7
SSW	4.1	4.1	1.4	.4								9.9	4.5
SW	4.6	3.9	1.5	.1								10.2	4.3
WSW	2.9	2.0	.9	.1								6.0	4.2
W	4.3	2.2	1.0	.1								7.5	3.8
WNW	1.5	1.0	.3	.0								2.8	3.8
NW	.4	.2	.1	.0								.7	4.1
NNW	.2	.4	.2	.0								.8	5.3
VARBL													
CALM												23.9	
	36.1	29.3	9.5	1.2								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 5634

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.7	1.0									3.2	5.8
NNE	3.5	2.9	2.2									8.7	4.8
NE	4.9	7.1	3.8									15.8	4.9
ENE	3.2	2.2	.1									5.6	3.5
E	4.1	2.0	.1									6.2	3.0
ESE	.7	.1										.8	2.5
SE	.3											.3	1.5
SSE	.3	.1	.1	.1								.7	6.0
S	.8	1.8	.7									3.4	4.8
SSW	2.2	2.4	.4	.1								5.2	4.2
SW	3.1	1.8	1.8									6.7	4.6
WSW	3.2	1.0	.8									5.0	3.8
W	3.1	2.0	1.0	.4	.1							6.6	4.8
WNW	1.5	.4	.7	.4								3.1	5.5
NW	.1		.1									.3	6.0
NNW	.3	.4	.7									1.4	5.8
VARBL													
CALM												27.0	
	31.9	26.1	13.7	1.1	.1							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 714

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.9	.8									2.7	4.9
NNE	3.0	2.8	2.2	.1								8.1	5.0
NE	5.6	7.8	2.8									16.3	4.5
ENE	3.0	3.5	.5									6.9	3.9
E	3.6	1.3	.1									5.0	2.7
ESE	.5	.3		.1								.9	4.6
SE													
SSE	.1	.3										.4	4.7
S	2.1	1.8	.3									4.1	3.8
SSW	3.2	1.8	.9	.5								6.4	4.6
SW	3.2	1.4	.5	.3								5.4	4.0
WSW	3.6	.6	.9									5.1	3.5
W	2.4	2.7	.8	.5	.3							6.7	5.2
WNW	1.8	1.0	.1	.1								3.1	3.4
NW	.3	.3	.1									.6	4.6
NNW	.4	.1	.3									.8	5.0
VARBL													
CALM												27.5	
	33.8	26.6	10.3	1.7	.3							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 779

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.0	.6									2.4	4.9
NNE	1.7	1.7	1.5									4.9	5.0
NE	4.1	7.7	4.2	.4								16.3	5.3
ENE	5.2	3.3	1.1									9.7	3.8
E	4.1	2.3	.3									6.6	3.3
ESE	1.3	.4										1.7	2.7
SE				.1								.1	12.0
SSE	.6	.3										.9	2.9
S	1.8	1.7	.4	.1								4.0	4.4
SSW	4.0	2.3	1.0	.3								7.5	4.2
SW	3.8	2.4	.5	.3								7.0	3.9
WSW	2.4	1.1	.3									3.8	3.4
W	2.6	.9	1.4	.3								5.1	4.8
WNW	.9	.1	.8									1.8	5.4
NW		.3	.1									.4	5.3
NNW		.4	.3									.6	6.8
VARBL													
CALM												27.1	
	33.2	25.8	12.5	1.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 783

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	1.4									2.8	6.0
NNE	1.7	2.7	1.7	.1								6.1	5.2
NE	3.2	8.1	7.8									19.1	5.9
ENE	2.4	4.5	2.5									9.4	5.0
E	5.6	5.6	.3									11.5	3.4
ESE	1.7	.9										2.5	2.9
SE	.8	.3										1.0	2.8
SSE	.9	.4	.3									1.5	4.0
S	2.7	3.8	1.5	.4								8.4	4.8
SSW	2.7	3.9	1.4	.3								8.3	5.0
SW	1.7	.9	1.8									4.3	5.5
WSW	1.0	.6	.4	.1								2.2	4.7
W	.9	1.1	1.7	.5								4.2	6.7
WNW	.5	.9	1.7									3.1	7.0
NW		.4	.3	.1								.8	7.8
NNW	.3	.1	.3									.6	5.2
VARBL													
CALM												14.2	
	26.7	38.7	22.8	1.5								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.3	1.0									3.1	5.5
NNE	1.3	3.1	1.0	.1								5.5	5.2
NE	2.3	7.6	5.1	.5								15.5	5.9
ENE	2.2	6.7	4.4	.3								13.4	5.9
E	2.8	5.4	1.0									9.2	4.6
ESE	2.2	1.4										3.6	3.3
SE	1.4	.9	.1									2.4	3.6
SSE	.8	.5	.1	.4								1.8	5.7
S	3.2	4.0	2.2	.3								9.6	4.9
SSW	2.2	4.4	1.7	.3								8.5	5.2
SW	.5	2.7	1.4	.4								5.0	6.5
WSW	.5	.8	.9									2.2	5.9
W	1.0	1.7	3.3	.8								6.8	7.2
WNW	.5	1.3	1.9	.4								4.1	6.9
NW	.6	.5	.1	.1								1.4	4.9
NNW		.5	.1									.6	6.0
VARBL													
CALM												7.3	
	22.3	42.5	24.5	3.5								100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 701

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-74,76-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.8	1.7	.3								5.3	5.6
NNE	2.4	2.1	1.2									5.8	4.6
NE	2.7	5.5	2.4	.5								11.1	5.5
ENE	3.5	4.7	4.7	.3								13.2	5.4
E	2.7	3.3	1.4	.3								7.7	4.9
ESE	1.2	.6										1.8	2.8
SE	1.5	.8	.2									2.4	3.5
SSE	.9	.6	.6									2.1	4.6
S	2.4	3.3	1.1	.2								7.0	4.7
SSW	2.3	3.9	1.5	.3								8.0	5.0
SW	.9	2.3	2.1	.5								5.8	6.2
WSW	.8	1.2	.6	.2								2.7	5.2
W	1.4	2.7	3.0									7.1	6.2
WNW	.3	1.8	2.1	.3								4.6	7.1
NW	.9	.8	.3	.6								2.6	6.4
NNW	.2	.5	.9	.3								1.8	7.5
VARBL													
CALM												10.9	
	25.6	36.0	23.8	3.6								100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-74,76-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

1800-2000
HOURS (L S T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.2	4.3	1.3									10.7	4.0
NNE	2.8	4.3	1.5	.4								8.9	4.9
NE	4.1	4.3	3.5									11.8	5.0
ENE	1.7	2.6	1.3	.2								5.7	5.0
E	.6	.2	.2									.9	3.8
ESE	.2											.2	2.0
SE	.2	.2										.4	3.0
SSE	.4											.4	2.0
S	1.1	2.0	.6	.4								4.1	5.2
SSW	2.4	2.2	1.7									6.3	4.8
SW	2.8	2.6	.9	.2								6.5	4.5
WSW	3.5	1.1	1.1									5.7	4.0
W	1.7	3.3	1.3	.4								6.7	5.4
WNW	1.7	1.3	1.1	.2								4.3	5.1
NW	.4	.6	.6	.2	.2							1.8	7.5
NNW	1.3	1.5	.7	.2								3.7	5.2
VARBL													
CALM												22.0	
	29.8	30.3	15.7	2.0	.2							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	75-81	SEP
STATION	STATION NAME	YEARS	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	2.4	2.4	1.4	.2								6.3	4.7
NNE	2.8	4.4	2.2									9.3	4.9
NE	4.2	7.3	3.2	.2								14.9	5.0
ENE	1.8	.8	.6									3.2	3.9
E	2.4	.6	.2	.2								3.4	4.1
ESE	.4											.4	1.5
SE	.2											.2	2.0
SSE	.6	.2										.8	2.8
S	.4	.8	1.4									2.6	6.1
SSW	2.6	2.6	.6	.4								6.2	4.7
SW	3.0	2.8	1.0	.2								6.9	4.5
WSW	3.8	2.0	1.4	.2								7.3	4.5
W	3.0	1.4	1.2	.4	.2							6.2	5.2
WNW	1.6	1.0	.4									3.0	3.8
NW	.2	.8	.2	.2								1.4	5.7
NNW	.2	.8	.4	.2								1.6	6.0
VARBL													
CALM												26.4	
	29.4	27.8	14.1	2.2	.2							100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 504

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

722315	TATALINA AFS AK	73-81	SEP
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.6	1.1	.1								4.2	5.0
NNE	2.3	2.9	1.7	.1								7.0	5.0
NE	3.9	7.0	4.2	.2								15.3	5.3
ENE	3.0	3.7	2.0	.1								8.7	4.8
E	3.4	2.8	.5	.1								6.7	3.7
ESE	1.1	.5		.0								1.6	3.1
SE	.6	.3	.0	.0								.9	3.5
SSE	.6	.3	.1	.1								1.1	4.4
S	1.9	2.5	1.0	.2								5.6	4.8
SSW	2.7	3.0	1.2	.3								7.1	4.7
SW	2.3	2.1	1.3	.2								5.9	4.9
WSW	2.3	1.0	.8	.1								4.1	4.2
W	2.0	1.9	1.7	.4	.1							6.1	5.7
WNW	1.1	1.0	1.1	.2								3.3	5.7
NW	.3	.4	.2	.1	.0							1.1	6.1
NNW	.3	.5	.4	.1								1.3	5.9
VARBL													
CALM												20.0	
	29.1	31.4	17.3	2.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 5587

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	1.4	.4									3.3	4.0
NNE	3.8	2.7	2.7									9.1	4.9
NE	7.1	10.2	3.5	1.3								22.1	5.2
ENE	4.2	3.5	.9									8.6	4.1
E	2.1	1.9										4.0	3.3
ESE	.8	.4										1.1	3.3
SE		.5										.5	4.8
SSE	.3	.3										.5	3.8
S	1.3	.8	.5	.1								2.7	4.7
SSW	1.3	1.0	.5	.4								3.2	5.2
SW	1.5	1.9	.4	.4								4.2	4.9
WSW	.6	.8	.1									1.5	4.2
W	1.5	.3	.8	.1	.1							2.8	5.4
WNW	1.3		.4									1.6	3.8
NW	.1	.1	.3		.3							.8	9.3
NNW	.1											.1	2.0
VARBL													
CALM												33.9	
	27.4	25.7	10.4	2.3	.4							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.9	.1									2.0	4.1
NNE	3.4	2.9	.5	.2								7.1	4.2
NE	5.5	7.9	6.0	1.1								20.5	5.6
ENE	4.8	5.1	.6	.1								10.6	4.0
E	3.7	2.3	.1	.1								6.2	3.3
ESE	.2	.2										.5	3.3
SE	.4											.4	2.3
SSE	.2	.1										.4	2.3
S	.4	1.0	.4	.2								2.0	5.9
SSW	1.7	.6	1.0	.2	.1							3.7	5.4
SW	1.3	.4	.6	.4								2.7	5.5
WSW	1.2	1.0	.7									2.9	4.5
W	2.6	1.1	1.0	.4	.1							5.1	5.2
WNW	.7	.5	.1	.1								1.5	4.8
NW	.1		.1	.1								.4	9.3
NNW			.1									.1	8.0
VARBL													
CALM												34.1	
	27.2	29.1	11.4	3.1	.2							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 819

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.5	.6	.5									2.6	4.0
NNE	2.7	2.4	1.7	.2								7.1	5.1
NE	6.5	9.9	5.6	.7								22.7	5.3
ENE	6.1	4.5	.7									11.3	3.7
E	2.9	2.0	.1									5.0	3.3
ESE	.5	.5										1.0	3.4
SE													
SSE		.1										.1	6.0
S	.7	.7	.2	.2								2.0	5.4
SSW	.9	1.7	.6	.1								3.3	5.2
SW	1.6	.9	.4	.5								3.3	5.4
WSW	1.8	1.2	.5									3.5	3.8
W	2.1	1.3	1.0	.2								4.6	4.8
WNW	1.0	.2	.2									1.5	3.8
NW		.1		.4								.5	11.3
NNW	.1	.1										.2	3.0
VARBL													
CALM												31.3	
	28.3	26.3	11.6	2.4								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 820

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.2										1.8	4.1
NNE	1.5	3.4	1.2	.1								6.2	5.2
NE	5.4	10.6	9.5	.1								25.5	5.8
ENE	3.5	5.8	2.7	.2	.1							12.4	5.1
E	5.4	2.8	.2									8.4	3.1
ESE	1.0	.2										1.2	2.9
SE	.1	.1										.2	4.0
SSE	.1	.1										.2	3.0
S	1.2	1.1	.4	.2								2.9	4.9
SSW	1.3	1.8	.6	.5								4.3	5.6
SW	2.1	1.8	1.1	.2								5.2	5.0
WSW	1.2	.6										1.8	2.7
W	1.2	1.1	1.2	.1								3.6	5.5
WNW	.5	.5	.7	.1								1.8	6.1
NW	.2	.1	.2	.1								.7	6.8
NNW	.1											.1	3.0
VARBL													
CALM												23.4	
	25.4	31.4	17.9	1.8	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 822

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	1.5	1.1									3.5	5.4
NNE	1.9	4.0	2.7									8.6	5.2
NE	3.6	10.6	7.0	.6								21.9	6.0
ENE	4.0	7.8	3.2	.4								15.3	5.0
E	4.4	3.2	1.1	.4								9.0	4.2
ESE	.6	.5	.2									1.3	4.0
SE	.4											.4	2.3
SSE	.2	.5										.7	3.8
S	2.2	1.5	1.0	.1								4.7	4.7
SSW	1.7	1.2	.9	.4								4.1	5.4
SW	1.5	2.4	1.1	.1	.1							5.2	5.5
WSW	.6	1.2	.2									2.1	4.1
W	1.1	1.8	.6	.2								3.8	5.1
WNW	.9	.4	.4									1.6	4.2
NW	.2		.2	.1								.6	6.6
NNW		.9	.2									1.1	6.2
VARBL													
CALM												16.0	
	24.3	37.3	19.9	2.3	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.1	1.9	.7									3.7	4.8
NNE	2.0	3.9	3.5	.3								9.8	5.6
NE	6.1	9.9	6.8	1.4								24.2	5.7
ENE	4.2	6.5	1.9	.5	.1							13.3	4.9
E	3.0	1.4	.4									4.8	3.4
ESE	.4	.1	.1									.7	3.8
SE	.1											.1	2.0
SSE	.4	.4	.1									1.0	4.3
S	1.6	1.4	.5	.1								3.7	4.4
SSW	1.5	1.9	1.1									4.5	4.9
SW	2.2	1.9	.3									4.3	3.9
WSW	1.4	.8	.3									2.4	3.8
W	1.1	1.5	.8									3.4	4.9
WNW	.1	1.0	.4									1.5	5.5
NW	.7	.3	.4									1.4	4.4
NNW	.3	.3	.3	.1								1.0	7.1
VARBL													
CALM												20.4	
	26.2	33.2	17.7	2.4	.1							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 736

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.4	1.8	.4									4.6	3.8
NNE	4.6	3.8	3.1	.5								12.0	5.0
NE	6.6	9.5	5.5	1.8	.7							24.1	5.9
ENE	2.6	3.1	1.5	.2								7.3	4.8
E	1.3	1.6	.9									3.8	4.6
ESE	.5	.5										1.1	3.3
SE	.2	.2										.4	2.5
SSE	.2	.2	.4									.7	6.5
S	.4	.4	.2	.5								1.5	8.0
SSW	1.8	.2		.2								2.2	3.3
SW	2.6	1.8	.7									5.1	3.9
WSW	2.6	.7	.7									4.0	3.5
W	1.6	1.1	.4	.2								3.3	4.3
WNW	.4	.9	.2	.2								1.6	5.9
NW	.9	.2	.7									1.8	4.7
NNW	.2		.4									.5	7.0
VARBL													
CALM												25.9	
	28.6	26.1	15.0	3.6	.7							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 588

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73,75-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER	2100-2300
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	.8	1.0	1.1									2.9	5.3
NNE	4.0	2.9	2.9									9.7	4.9
NE	5.5	7.6	8.9	.8	.2							23.0	6.1
ENE	2.9	3.4	1.3									7.6	4.5
E	1.0	1.1	.2									2.3	3.8
ESE	.8		.2									1.0	2.8
SE	.2	.4										.6	4.0
SSE	.2	.2	.6									1.0	5.4
S	.4		.4	.4								1.1	8.5
SSW	1.0	1.3	.6	.2								3.0	5.3
SW	1.9	.6	.4									2.9	3.7
WSW	1.5	.6										2.1	3.0
W	1.9	1.3	1.0									4.2	4.4
WNW	1.0	.4	.4									1.7	4.4
NW	.6	.8	.4									1.7	4.6
NNW	.4											.4	1.5
VARBL													
CALM												35.0	
	23.8	21.5	18.3	1.3	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 526

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

ALL
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	.5									3.0	4.5
NNE	2.9	3.2	2.2	.2								8.5	5.0
NE	5.7	9.6	6.6	.9	.1							22.9	5.7
ENE	4.1	5.1	1.6	.2	.0							11.1	4.6
E	3.1	2.1	.4	.1								5.7	3.6
ESE	.6	.3	.1									1.0	3.4
SE	.2	.1										.3	3.3
SSE	.2	.2	.1									.5	4.4
S	1.1	.9	.5	.2								2.7	5.2
SSW	1.4	1.3	.7	.3	.0							3.6	5.2
SW	1.8	1.5	.6	.2	.0							4.1	4.8
WSW	1.3	.9	.3									2.5	3.8
W	1.6	1.2	.8	.2	.0							3.9	5.0
WNW	.7	.5	.4	.1								1.6	4.8
NW	.3	.2	.3	.1	.0							.9	6.3
NNW	.1	.2	.1	.0								.4	5.7
VARBL													
CALM												27.3	
	26.4	28.6	15.1	2.4	.2							100.2	3.6

TOTAL NUMBER OF OBSERVATIONS 5885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

0000-0200 (HOURS (L S T))

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.9	.1									1.4	4.0
NNE	2.5	2.3	1.3									6.0	4.6
NE	5.9	7.5	4.0	.8								18.2	5.0
ENE	5.3	5.5	1.4									12.2	4.1
E	2.6	1.9										4.5	3.4
ESE	.5	.1										.6	2.6
SE		.1										.1	4.0
SSE	.1	.4		.3								.8	7.5
S	.5	.6	.9	.4	.1							2.5	7.7
SSW	2.0	1.6	.6	.5	.3							5.0	5.7
SW	2.0	1.3	.8	.1								4.1	4.5
WSW	1.3	.6	.5									2.4	3.9
W	1.5	.8	1.0	.3								3.5	5.6
WNW	.5	.5	.4									1.4	4.8
NW													
NNW													
VARBL													
CALM												37.3	
	25.1	24.1	10.9	2.3	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5		.4									.9	4.3
NNE	2.8	2.7	.6	.1								6.3	4.2
NE	6.3	9.1	3.0	.5								18.9	4.8
ENE	5.3	4.3	1.0									10.6	3.9
E	2.5	1.9	.2									4.6	3.5
ESE	.4		.1									.5	3.3
SE	.2											.2	2.0
SSE	.1	.1	.4									.6	6.0
S	.6	.5	.1	.2								1.5	5.3
SSW	1.9	1.9	1.1	.6	.1	.1						5.7	6.1
SW	2.7	1.1	.6	.2								4.7	4.2
WSW	2.0	.5	.4	.1								3.0	3.7
W	2.6	.7	.9	.5								4.7	4.6
WNW	.1	.4	.4	.1								1.0	6.9
NW	.1	.2										.4	4.3
NNW	.1	.2										.4	3.7
VARBL													
CALM												36.1	
	28.3	23.7	9.1	2.5	.1	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 809

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

0600-0800
HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.1									1.0	3.9
NNE	3.1	2.8	1.4	.4								7.7	4.7
NE	6.3	7.9	4.1	.6								18.9	5.0
ENE	5.1	4.3	1.5	.1								11.0	4.3
E	3.7	1.2	.2									5.2	3.1
ESE	.5											.5	1.8
SE	.2			.1								.4	5.7
SSE	.1		.1	.1								.4	7.7
S	.7		.5	.1								1.4	5.8
SSW	1.4	1.1	1.5	.1								4.1	5.5
SW	2.8	1.0	.4	.2	.1							4.6	4.4
WSW	1.6	1.7	.7	.1								4.2	4.7
W	1.6	.5	.5	.4								3.0	4.9
WNW	.9	.2										1.1	2.7
NW		.1										.1	4.0
NNW													
VARBL													
CALM												36.7	
	28.5	21.4	11.0	2.3	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER
CLASS

CONDITION

0900-1100
HOURS (L S T)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.2									1.0	4.3
NNE	1.5	2.7	1.0	.2								5.4	5.0
NE	4.1	9.0	4.1	.9								18.0	5.5
ENE	4.1	7.2	1.2	.2								12.7	4.4
E	4.3	2.2	.1									6.7	3.0
ESE	.6											.6	2.0
SE	.4											.4	2.7
SSE	.1	.1	.1									.4	6.0
S	.9	.2	1.1	.1	.1							2.5	7.0
SSW	2.2	1.2	.9	.2								4.6	4.6
SW	1.9	.9	1.2	.4								4.3	5.4
WSW	1.7	.9	.4									3.0	3.6
W	1.9	.7	.2									2.8	3.4
WNW	.4	.5	.1									1.0	3.6
NW	.2	.1	.1									.5	3.8
NNW													
VARBL													
CALM												36.2	
	29.6	26.2	10.9	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

702315	TATALINA AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.4	.4									1.1	5.2
NNE	1.1	1.9	1.7	.4								5.1	6.1
NE	4.7	6.7	4.8	.7								16.9	5.5
ENE	5.4	6.5	1.5	.2								13.7	4.1
E	5.1	2.1										7.2	3.0
ESE	1.1	.4										1.5	2.9
SE	.4											.4	2.0
SSE	.1	.1	.1									.4	4.3
S	1.1	.7	.6	.1								2.6	5.2
SSW	1.6	1.9	.9	.6								4.9	5.4
SW	2.2	1.7	1.1	.4	.1							5.6	5.5
WSW	2.1	.9	.5	.2								3.7	4.6
W	.7	1.2	.5									2.5	4.9
WNW	.4	.6										1.0	3.3
NW													
NNW		.1										.1	5.0
VARBL													
CALM												33.5	
	26.4	25.2	12.1	2.7	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 810

USAFETAC FORM JUL 66 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)

702315	TATALINA AFS AK	73-81	NOV
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	.5	.6									2.0	4.3
NNE	2.4	2.1	1.2	.1								5.8	4.6
NE	4.3	7.8	4.0	.9								17.0	5.4
ENE	5.8	6.5	1.6									13.9	4.2
E	3.1	2.1	.1									5.3	3.4
ESE	.6	.1										.7	2.3
SE	.1	.1										.2	3.0
SSE		.1	.2									.4	8.0
S	1.0	.7	.6	.5								2.9	5.7
SSW	2.0	.7	1.4	.1								4.2	5.0
SW	3.0	1.4	.7									5.1	3.9
WSW	2.1	.7	.1	.1	.1							3.2	4.2
W	3.0	.2	.5	.4								4.1	4.2
WNW	.1	.4	.1									.6	5.2
NW	.1		.1									.2	5.5
NNW	.1											.1	2.0
VARBL													
CALM												34.0	
	28.7	23.6	11.4	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 835

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.3	.2									1.2	4.1
NNE	3.4	2.6	1.0	.2								7.2	4.4
NE	5.8	7.7	5.6	.7								19.8	5.3
ENE	5.3	5.3	2.1									12.5	4.2
E	1.4	.9	1.0									3.2	4.4
ESE	.3	.2										.5	3.7
SE	.2											.2	2.0
SSE			.2									.2	10.0
S	1.2	1.0	1.0	.3								3.6	5.9
SSW	1.0	1.9	1.4	.2								4.4	5.8
SW	2.7	1.4	.7									4.8	3.8
WSW	1.0	.5		.2	.2							1.9	5.4
W	2.2	.9	.3	.2								3.6	4.0
WNW	.5	.2	.5									1.2	4.7
NW	.3	.2	.2									.7	4.3
NNW	.3											.3	2.0
VARBL													
CALM												34.5	
	26.5	22.9	14.2	1.7	.2							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56+	%	MEAN WIND SPEED
N	.2	.4	.2									.9	5.0
NNE	2.9	2.5	3.1									8.5	5.4
NE	3.7	8.7	4.1	.4								16.8	5.4
ENE	4.2	5.2	1.7									11.2	4.3
E	3.3	1.4	.4									5.0	3.4
ESE	.2											.2	3.0
SE		.2										.2	4.0
SSE	.2		.4									.6	5.7
S	.4	.8	1.0	.8								2.9	7.7
SSW	1.9	1.5	1.4	.4	.4							5.6	6.6
SW	2.1	1.4	.4									3.9	3.6
WSW	1.4	.2	.2	.2	.4							2.3	5.4
W	2.7	.6	.4	.6								4.2	4.6
WNW	.2	.6		.2								1.0	5.9
NW	.8	.4										1.2	2.8
NNW		.4										.4	4.5
VARBL													
CALM												35.3	
	24.1	24.1	13.1	2.5	.8							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 518

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7,23,5 STATION — TATALINA AFS AK STATION NAME — 73-81 YEARS — NOV MONTH

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

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.4	.3									1.2	4.3
NNE	2.4	2.4	1.3	.2								6.4	4.8
NE	5.2	8.0	4.2	.7								18.1	5.2
ENE	5.1	5.6	1.5	.1								12.3	4.2
E	3.3	1.7	.2									5.3	3.3
ESE	.6	.1	.0									.7	2.7
SE	.2	.1		.0								.3	3.2
SSE	.1	.1	.2	.1								.5	6.7
S	.8	.6	.7	.3	.0							2.4	6.3
SSW	1.8	1.5	1.1	.4	.1	.0						4.8	5.6
SW	2.4	1.2	.8	.2	.0							4.7	4.5
WSW	1.7	.8	.4	.1	.1							3.0	4.4
W	2.0	.7	.6	.3								3.5	4.6
WNW	.4	.4	.2	.0								1.0	4.5
NW	.2	.1	.1									.3	3.9
NNW	.1	.1										.2	3.4
VARBL													
CALM												35.5	
	26.6	23.9	11.4	2.3	.2	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 5985

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 2315 — STATION
IATALINA AFS AK — STATION NAME
73-81 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
0000-0200 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	.2	.2									1.1	4.1
NNE	3.4	1.6	1.6	.5								7.1	4.9
NE	3.4	4.4	4.1	.9								12.8	5.8
ENE	3.6	7.0	3.2									13.8	4.9
E	2.5	3.0	2.1									7.5	5.2
ESE	.1	.7										.9	4.3
SE		.2										.2	4.5
SSE	.2	.4										.6	3.6
S	1.0	.4	.4	.2								2.0	5.2
SSW	1.2	1.2	.2									2.7	4.0
SW	2.0	1.4	.4	.1		.1						3.9	4.6
WSW	1.1	.6		.1								1.8	4.1
W	1.4	1.1	.1	.1								2.7	4.2
WNW	.6											.6	2.2
NW	.1		.1									.2	5.5
NNW													
VARBL													
CALM												41.9	
	21.3	22.3	12.4	2.0		.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.2	.2	.2								1.3	5.7
NNE	1.5	1.8	.9	.6								4.7	5.7
NE	3.8	7.2	3.6	.4								15.0	5.4
ENE	5.8	4.7	2.6									13.1	4.3
E	2.6	3.0	2.3									7.9	5.1
ESE	.1	.2										.4	3.3
SE													
SSE	.1	.2	.1									.5	4.8
S	1.3	.1	.2	.2								1.9	4.8
SSW	1.5	.4	.1									1.9	2.8
SW	1.5	2.1	.6	.1	.1							4.4	5.0
WSW	1.6	.7	.1									2.4	3.3
W	2.1	1.7	.2									4.0	3.9
WNW	.1	.1	.4									.6	6.8
NW	.2											.2	2.0
NNW													
VARBL													
CALM												41.5	
	22.7	22.6	11.4	1.6	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7-2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.2	.2								1.0	7.6
NNE	1.7	1.9	.7	.4								4.8	5.1
NE	3.7	7.9	3.4	.5								15.5	5.2
ENE	2.6	4.6	3.5	.1								10.8	5.6
E	2.1	2.4	3.2	.1								7.8	5.5
ESE	.4	.5	.2									1.1	5.1
SE	.1											.1	2.0
SSE	.1											.1	2.0
S	.6	.1	.2									1.0	4.0
SSW	1.5	.7	.7									2.9	4.7
SW	1.3	1.3	.5	.2								3.4	4.8
WSW	1.8	.9	.6									3.3	4.2
W	1.3	.7	.1									2.2	3.2
WNW	.5	.6	.1									1.2	3.7
NW		.1	.1									.2	6.5
NNW													
VARBL													
CALM												44.6	
	17.8	22.3	13.8	1.6								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 821

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

0900-1100 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.5	.4									1.1	5.1
NNE	1.7	2.4	1.3									5.5	4.8
NE	4.4	6.7	3.9	.4								15.3	5.1
ENE	2.6	6.1	3.3	.9								12.8	5.9
E	2.2	3.8	2.3									8.3	4.9
ESE	.6	.2										.9	3.1
SE	.1	.2										.4	3.3
SSE		.1	.1									.2	7.0
S	.9	.7	.1									1.7	3.9
SSW	.9	1.0	.5									2.3	4.4
SW	1.9	1.6	.7									4.3	4.3
WSW	1.9	1.1	.2									3.3	3.4
W	1.7	.7	.6									3.0	4.0
WNW	.2	.1		.1								.5	5.5
NW	.4		.1									.5	3.3
NNW													
VARBL													
CALM												40.0	
	19.7	25.3	13.6	1.3								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM 0-8-5 OL-A1 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)

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

1200-1800 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.2	.4	.1								1.1	5.7
NNE	.9	1.7	1.1									3.7	5.4
NE	3.1	6.2	4.5	1.0								14.8	5.9
ENE	3.1	6.9	4.7	.1								14.7	5.4
E	2.4	3.2	2.0	.1								7.7	4.7
ESE	.5	.2										.7	3.2
SE	.2											.2	2.0
SSE		.2										.2	4.0
S	.5	.1	.1	.1								.9	5.1
SSW	1.1	.9	.9	.2	.1							3.2	6.3
SW	1.6	2.4	.2	.1								4.4	4.0
WSW	1.2	1.3	.1	.4								3.1	5.0
W	1.3	.5	.7	.7								3.3	6.3
WNW	.1	.2	.4	.1								.9	6.4
NW			.1									.1	7.0
NNW	.1											.1	3.0
VARBL													
CALM												40.9	
	16.5	24.2	15.2	3.1	.1							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 817

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

72315	TATALINA AFS AK	73-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1500-1700 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.4										1.3	3.1
NNE	2.4	1.5	1.4	.3								5.6	4.9
NE	5.4	4.2	4.4	1.2								15.1	5.6
ENE	2.9	6.3	3.5	.4								13.1	5.7
E	2.4	2.9	2.2	.1								7.7	5.0
ESE	.4	.1										.5	3.3
SE	.1											.1	2.0
SSE	.1	.1	.1									.4	5.0
S	.3	.1	.4	.1								.9	6.3
SSW	1.4	.8	.6									2.8	4.5
SW	1.4	1.8	.8	.1								4.1	4.8
WSW	1.0	.6	.4									2.1	4.3
W	1.3	1.0	.5	.6								3.5	5.9
WNW	.5	.3		.1	.1							1.0	5.9
NW	.4											.4	1.7
NNW													
VARBL													
CALM												41.4	
	21.0	20.3	14.2	2.9	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 780

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	73-75,77-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

1800-2000 (HOURS (L S T))

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.4	.2									1.3	3.3
NNE	2.5	2.3	1.5	1.0								7.3	5.9
NE	3.1	6.3	6.1	1.1								16.6	6.4
ENE	3.2	4.2	1.5	.6								9.5	5.2
E	1.3	.8	.2	.2								2.5	3.9
ESE	.6											.6	1.7
SE													
SSE													
S	.4	.4	.4									1.1	4.7
SSW	2.1	1.7	1.1	.2								5.2	5.1
SW	1.7	1.7	.4	.4								4.2	5.0
WSW	.8	.6	.2	.4								1.9	5.8
W	1.7	1.1	.6	.2								3.6	4.5
WNW	.6	.2	.2									1.0	4.0
NW													
NNW													
VARBL													
CALM												45.2	
	18.7	19.7	12.4	4.0								100.1	3.0

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

702315	TATALINA AFS AK	75-81	DEC
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER (CLASS)

2100-2300 (HOURS (L S T))

CONDITION

SPEED (KNTS) / DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4		.2									.5	4.3
NNE	.9	1.3	1.9	.4								4.5	6.4
NE	3.4	5.6	6.0	2.2								17.2	6.5
ENE	3.2	5.6	1.7	.6								11.0	4.9
E	1.7	2.4	.4									4.5	4.5
ESE	.4	.2	.2									.7	4.5
SE	.2											.2	2.0
SSE													
S	1.1	.2	.4									1.7	3.7
SSW	2.1	.7	.9	.2								3.9	4.8
SW	.6	1.9	.7	.4	.4							3.9	7.0
WSW	1.1	.7										1.9	3.5
W	1.7	1.3	.6									3.6	3.9
WNW	.2	.4	.2									.7	4.5
NW	.2											.2	1.0
NNW	.2											.2	1.0
VARBL													
CALM												45.1	
	17.2	20.4	13.1	3.7	.4							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 534

USAFETAC FORM 8-4, OCT 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7?2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	.3	.2	.1								1.1	4.9
NNE	1.9	1.8	1.3	.4								5.3	5.3
NE	3.8	6.1	4.3	.9								15.1	5.7
ENE	3.4	5.7	3.1	.3								12.6	5.2
E	2.2	2.8	2.0	.1								7.0	5.0
ESE	.4	.3	.1									.7	3.8
SE	.1	.1										.2	2.9
SSE	.1	.2	.1									.3	4.5
S	.8	.3	.3	.1								1.4	4.7
SSW	1.4	.9	.6	.1	.0							3.0	4.7
SW	1.5	1.8	.5	.2	.1	.0						4.1	4.8
WSW	1.4	.8	.2	.1								2.5	4.1
W	1.6	1.0	.4	.2								3.2	4.6
WNW	.4	.2	.2	.1	.0							.8	4.9
NW	.2	.0	.1									.3	3.6
NNW	.0											.0	2.0
VARBL													
CALM												42.3	
	19.5	22.3	13.3	2.4	.1	.0						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 5933

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

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

(CONDITION)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.0	.9	.5	.1								2.5	4.7
NNE	2.2	2.6	1.7	.3	.0							6.7	5.2
NE	3.9	6.3	4.0	.6	.0							14.7	5.5
ENE	3.4	4.7	2.1	.2	.0							10.4	4.9
E	3.3	2.6	.9	.1	.0	.0						6.6	4.2
ESE	.9	.5	.1	.0								1.5	3.4
SE	.4	.3	.0	.0								.8	3.5
SSE	.5	.4	.2	.0								1.1	4.4
S	1.8	1.9	.9	.2	.0							4.9	4.9
SSW	2.3	2.4	1.3	.3	.0	.0						6.4	5.1
SW	2.4	2.3	1.2	.2	.0	.0						6.1	4.9
WSW	1.7	1.4	.6	.1	.0							3.8	4.5
W	2.3	1.8	1.1	.2	.0							5.4	4.8
WNW	.8	.9	.5	.1	.0							2.3	5.1
NW	.3	.3	.2	.0	.0							.8	4.9
NNW	.2	.2	.1	.0	.0							.6	4.9
VARBL													
CALM												25.3	
	27.0	29.7	15.3	2.5	.1	.0						100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 68794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 2315	TATALINA AFS AK	73-81	ALL
STATION	STATION NAME	YEARS	MONTH
	INSTRUMENT		ALL
	CLASS		HOURS (L S T)

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

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.5	.1	.0								1.2	4.1
NNE	1.8	2.3	1.1	.1								5.3	4.8
NE	4.1	6.9	3.0	.5								14.5	5.1
ENE	3.1	3.4	.9	.1								7.5	4.3
E	1.6	1.1	.3	.1								3.0	3.8
ESE	.4	.2	.0									.6	3.4
SE	.3	.2	.1	.0								.6	3.9
SSE	.7	.7	.3	.1								1.9	5.0
S	2.9	4.3	2.7	.7	.0							10.6	5.6
SSW	3.9	5.3	3.8	1.2	.1	.0						14.2	5.9
SW	2.9	2.9	2.2	.7	.0	.0						8.8	5.7
WSW	1.3	1.1	.6	.2	.0							3.1	5.0
W	1.4	1.1	.7	.1	.0							3.3	4.9
WNW	.3	.3	.2	.0								.8	5.0
NW	.1	.1	.1	.0								.2	5.2
NNW	.0	.0	.0									.1	4.4
VARBL													
CALM												24.4	
	25.2	30.4	16.0	3.9	.2	.0						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 8751

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 t[illegible] 1/2 of the sky cover is opaque.

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

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

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

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

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

ADDITIONAL EXAMPLES

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

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73-81 JAN 0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	47.7	50.3	50.3	50.4	50.8	50.8	50.8	51.0	51.0	51.5	51.5	51.5	51.6	51.6	51.6	51.6
	48.9	51.5	51.5	51.6	52.0	52.0	52.2	52.3	52.3	52.9	52.9	52.9	53.0	53.0	53.1	53.1
	50.4	53.0	53.0	53.1	53.5	53.5	53.7	53.8	53.8	54.5	54.5	54.5	54.6	54.6	54.6	54.6
	50.7	53.3	53.3	53.4	53.8	53.8	53.9	54.1	54.1	54.8	54.8	54.8	54.9	54.9	54.9	54.9
	50.8	53.4	53.4	53.5	53.9	53.9	54.1	54.2	54.2	54.9	54.9	54.9	55.0	55.0	55.0	55.0
	51.1	53.7	53.7	53.8	54.2	54.2	54.3	54.5	54.5	55.2	55.2	55.2	55.3	55.3	55.3	55.3
	54.7	56.8	56.8	56.9	57.3	57.3	57.5	57.6	57.6	58.3	58.3	58.3	58.4	58.4	58.4	58.4
	55.8	56.4	58.4	58.6	59.0	59.0	59.1	59.2	59.2	59.9	59.9	59.9	60.1	60.1	60.1	60.1
	62.6	65.4	65.4	65.5	65.9	65.9	66.0	66.2	66.2	66.8	66.8	66.8	67.0	67.0	67.0	67.0
	67.1	70.5	70.5	70.7	71.1	71.2	71.5	71.6	71.6	72.3	72.3	72.3	72.4	72.4	72.4	72.4
	68.5	71.9	71.9	72.0	72.4	72.6	72.8	73.0	73.0	73.6	73.6	73.6	73.8	73.8	73.8	73.8
	73.4	74.0	74.0	74.2	74.9	75.1	75.4	75.5	75.5	76.4	76.4	76.4	76.5	76.5	76.5	76.5
	71.7	75.7	75.7	75.8	76.5	76.8	77.0	77.2	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1
	72.6	76.4	76.4	76.5	77.3	77.6	77.9	78.0	78.0	78.8	78.8	78.8	78.9	78.9	78.9	78.9
	73.9	77.9	77.9	78.0	78.8	79.3	79.8	79.9	79.9	80.7	80.7	80.7	80.8	80.8	80.8	80.8
	74.2	78.1	78.1	78.4	79.3	80.0	80.4	80.6	80.6	81.4	81.4	81.4	81.5	81.5	81.5	81.5
	76.1	80.4	80.4	80.7	81.8	82.5	82.9	83.0	83.0	83.8	83.8	83.8	84.0	84.0	84.0	84.0
	76.2	81.3	81.5	81.8	82.9	83.8	84.4	84.5	84.5	85.3	85.3	85.3	85.5	85.5	85.5	85.5
	76.9	81.3	81.5	81.8	82.9	83.8	84.4	84.5	84.5	85.3	85.3	85.3	85.5	85.5	85.5	85.5
	77.7	82.1	82.3	82.6	83.7	84.8	85.6	85.7	85.7	86.5	86.5	86.5	86.7	86.7	86.7	86.7
	78.5	83.0	83.3	83.6	84.8	86.0	86.8	87.0	87.0	87.8	87.8	87.8	87.9	87.9	87.9	87.9
	80.1	84.5	84.8	85.1	86.4	87.6	88.6	89.3	89.3	90.1	90.1	90.1	90.2	90.2	90.2	90.2
	81.0	85.7	86.0	86.3	88.0	89.3	90.2	91.0	91.2	92.0	92.1	92.1	92.3	92.3	92.3	92.3
	81.5	86.3	86.5	86.8	89.0	90.2	91.2	92.3	92.4	93.2	93.5	93.5	93.6	93.6	93.6	93.6
	81.7	86.4	86.7	87.0	89.1	90.4	91.3	92.4	92.5	93.3	93.8	93.8	93.9	93.9	93.9	93.9
	81.7	86.4	86.7	87.0	89.1	90.5	91.7	93.1	93.2	94.2	94.6	94.6	94.7	94.7	94.7	94.7
	81.7	86.4	86.7	87.1	89.7	91.0	92.4	94.2	94.3	95.4	95.8	95.8	95.9	95.9	95.9	95.9
	81.7	86.4	86.8	87.2	90.2	91.6	93.5	95.4	95.5	96.7	97.4	97.6	97.8	97.8	97.8	97.8
	81.7	86.4	86.8	87.2	90.2	91.7	94.0	95.9	96.1	97.6	98.5	98.6	99.0	99.0	99.0	99.0
	81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	97.7	98.9	99.0	99.5	99.5	99.5	99.5
	81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	98.0	99.2	99.3	100.0	100.0	100.0	100.0
	81.7	86.4	86.8	87.2	90.2	91.7	94.2	96.1	96.2	98.0	99.2	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 736

USAF ETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 715 TATALINA AFS AK 73-81 JAN 0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

	47.8	48.8	48.8	49.1	49.7	49.8	49.9	50.2	50.2	50.4	50.6	50.6	50.9	50.9	50.9	50.9
	48.9	49.9	49.9	50.2	50.8	50.9	51.1	51.3	51.3	51.6	51.7	51.7	52.1	52.1	52.1	52.1
	50.4	51.4	51.4	51.7	52.3	52.4	52.6	52.8	52.8	53.1	53.2	53.2	53.6	53.6	53.6	53.6
	50.4	51.4	51.4	51.7	52.3	52.4	52.6	52.8	52.8	53.1	53.2	53.2	53.6	53.6	53.6	53.6
	50.6	51.6	51.6	51.8	52.4	52.6	52.7	52.9	52.9	53.2	53.3	53.3	53.7	53.7	53.7	53.7
	51.2	52.2	52.2	52.4	53.1	53.2	53.3	53.6	53.6	53.8	54.0	54.0	54.3	54.3	54.3	54.3
	54.2	55.2	55.2	55.5	56.1	56.2	56.3	56.6	56.6	56.8	57.0	57.0	57.3	57.3	57.3	57.3
	55.6	56.6	56.6	56.8	57.5	57.6	57.7	58.0	58.0	58.2	58.3	58.3	58.7	58.7	58.7	58.7
	61.3	62.0	62.1	62.2	62.9	63.0	63.1	63.4	63.4	63.6	63.7	63.7	64.1	64.1	64.1	64.1
	64.6	65.9	66.0	66.2	67.3	67.4	67.6	67.9	67.9	68.1	68.3	68.3	68.6	68.6	68.6	68.6
	65.9	67.1	67.3	67.5	68.6	68.8	69.0	69.3	69.3	69.5	69.6	69.6	70.0	70.0	70.0	70.1
	68.6	69.9	70.0	70.3	71.4	71.6	71.9	72.1	72.1	72.5	72.6	72.6	73.0	73.0	73.0	73.0
	69.6	70.9	71.0	71.3	72.4	72.8	73.0	73.3	73.3	73.7	73.8	73.8	74.2	74.2	74.2	74.2
	71.1	72.4	72.5	72.8	73.9	74.3	74.5	74.8	74.8	75.2	75.3	75.3	75.7	75.7	75.7	75.7
	72.1	73.4	73.7	73.9	75.0	75.4	75.8	76.0	76.0	76.4	76.5	76.5	76.9	76.9	76.9	76.9
	74.1	75.4	75.9	76.2	77.3	77.8	78.2	78.4	78.4	78.8	78.9	78.9	79.3	79.3	79.3	79.3
	74.9	76.3	76.8	77.0	78.2	78.7	79.0	79.5	79.5	79.9	80.1	80.1	80.4	80.4	80.4	80.4
	76.3	77.7	78.4	78.7	79.9	80.4	81.2	81.7	81.7	82.1	82.2	82.2	82.6	82.6	82.6	82.6
	76.5	77.9	78.7	78.9	80.6	81.1	81.8	82.3	82.3	82.7	82.8	82.8	83.2	83.2	83.2	83.2
	77.3	79.0	79.8	80.3	82.1	82.8	84.1	84.7	84.7	85.1	85.2	85.2	85.6	85.6	85.6	85.6
	78.4	80.2	81.2	81.7	83.9	84.8	86.1	86.7	86.7	87.1	87.2	87.2	87.6	87.6	87.6	87.6
	79.5	81.6	82.6	83.2	85.4	86.3	87.8	89.6	89.6	90.0	90.1	90.1	90.5	90.5	90.5	90.5
	80.3	82.3	83.3	83.9	86.6	87.5	89.0	90.8	90.8	91.2	91.5	91.5	91.8	91.8	91.8	91.8
	80.4	82.6	83.6	84.2	86.8	87.7	89.2	91.2	91.3	91.7	92.0	92.0	92.3	92.3	92.3	92.3
	80.3	82.9	83.9	84.6	87.3	88.2	89.7	91.8	92.0	93.0	93.2	93.2	93.6	93.6	93.6	93.6
	81.1	83.4	84.4	85.1	88.1	89.3	91.0	93.6	93.7	95.1	95.4	95.4	95.7	95.7	95.7	95.7
	81.2	83.7	84.7	85.3	88.6	90.0	91.8	94.9	95.0	96.4	96.6	96.6	97.1	97.1	97.1	97.1
	81.3	83.8	84.8	85.4	89.0	90.3	93.0	96.0	96.2	97.6	98.0	98.0	98.5	98.5	98.5	98.5
	81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.0	98.6	98.6	99.1	99.1	99.1	99.1
	81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.2	99.4	99.4	99.9	99.9	99.9	99.9
	81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.4	99.5	99.5	100.0	100.0	100.0	100.0
	81.4	83.9	84.9	85.6	89.1	90.5	93.4	96.4	96.6	98.4	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

0015 TATALINA AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-0800

44.5	46.1	46.3	46.6	47.7	47.8	48.3	48.3	48.3	48.4	48.8	48.8	48.8	48.8	48.8	48.8
45.1	46.6	46.8	47.1	48.3	48.4	48.9	49.2	48.9	49.0	49.4	49.4	49.4	49.4	49.4	49.4
47.8	49.4	49.6	49.9	51.1	51.2	51.8	51.8	51.8	52.0	52.3	52.3	52.3	52.3	52.3	52.3
47.9	49.5	49.8	50.0	51.2	51.4	52.0	52.0	52.0	52.1	52.5	52.5	52.5	52.5	52.5	52.5
48.4	50.0	50.2	50.5	51.7	51.8	52.5	52.5	52.5	52.6	53.0	53.0	53.0	53.0	53.0	53.0
50.0	51.6	52.0	52.2	53.4	53.6	54.2	54.2	54.2	54.3	54.7	54.7	54.7	54.7	54.7	54.7
52.0	53.6	53.9	54.2	55.4	55.5	56.2	56.2	56.2	56.3	56.7	56.7	56.7	56.7	56.7	56.7
53.0	54.6	54.9	55.2	56.4	56.5	57.1	57.1	57.1	57.3	57.6	57.6	57.6	57.6	57.6	57.6
58.4	60.0	60.3	60.6	61.9	62.1	62.7	62.7	62.7	62.8	63.2	63.2	63.2	63.2	63.2	63.2
62.2	64.2	64.7	64.9	66.6	66.7	67.4	67.4	67.4	67.5	67.9	67.9	67.9	67.9	67.9	67.9
63.7	65.6	66.1	66.4	68.2	68.3	69.0	69.0	69.0	69.1	69.5	69.5	69.5	69.5	69.5	69.5
65.5	67.9	68.3	68.6	70.8	71.1	71.8	71.8	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3
66.5	68.8	69.3	69.6	71.8	72.0	72.9	73.0	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.5
67.7	70.3	70.8	71.2	73.4	73.6	74.5	74.6	74.6	74.8	75.1	75.1	75.1	75.1	75.1	75.1
69.5	72.2	73.0	73.4	76.0	76.2	77.6	77.7	77.7	77.8	78.2	78.2	78.2	78.2	78.2	78.2
70.3	73.6	74.8	75.2	78.0	78.4	79.8	79.9	79.9	80.0	80.4	80.4	80.4	80.4	80.4	80.4
72.5	75.4	76.5	77.0	79.8	80.3	81.8	81.9	81.9	82.0	82.4	82.4	82.4	82.4	82.4	82.4
73.4	76.2	77.3	77.8	80.8	81.3	82.9	83.0	83.0	83.1	83.6	83.6	83.6	83.6	83.6	83.6
74.1	77.0	78.1	78.6	81.5	82.1	83.7	83.9	83.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5
75.2	78.4	79.6	80.2	83.5	84.2	86.2	86.7	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4
75.9	79.3	80.4	81.0	84.6	85.3	87.4	87.9	87.9	88.4	88.8	88.8	88.8	88.8	88.8	88.8
76.6	80.2	81.3	82.0	85.8	86.6	88.8	89.5	89.5	90.0	90.4	90.4	90.4	90.4	90.4	90.4
76.6	80.7	81.8	82.5	86.3	87.1	89.5	90.6	90.6	91.1	91.5	91.5	91.5	91.5	91.5	91.5
77.0	81.5	82.6	83.4	87.3	88.1	90.5	91.9	91.9	92.5	92.9	92.9	92.9	92.9	92.9	92.9
77.1	81.8	83.0	83.9	87.8	88.5	91.0	92.7	92.7	93.3	93.8	93.8	93.8	93.8	93.8	93.8
77.5	82.5	83.7	84.6	88.7	89.4	92.1	94.0	94.0	94.7	95.4	95.4	95.4	95.4	95.4	95.4
77.6	82.8	84.1	85.0	89.3	90.0	92.9	95.1	95.1	96.1	96.9	96.9	97.0	97.0	97.0	97.0
77.6	82.8	84.1	85.0	89.4	90.1	93.1	95.6	95.7	97.0	98.2	98.2	98.5	98.5	98.5	98.5
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.7	98.9	98.9	99.4	99.4	99.4	99.4
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	99.6	99.6	99.6	99.6
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	100.0	100.0	100.0	100.0
77.8	83.0	84.4	85.2	89.7	90.4	93.5	95.9	96.1	97.8	99.1	99.1	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 812

USAF ETAC [illegible] PREVIOUS EDITIONS [illegible] ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK — 73-81 — JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

43.4	43.9	44.5	44.5	45.0	45.3	45.3	45.5	45.5	45.6	45.8	45.8	46.1	46.1	46.1	46.1
44.0	44.5	45.1	45.1	45.6	45.9	45.9	46.1	46.1	46.2	46.4	46.4	46.7	46.7	46.7	46.7
45.2	45.7	46.3	46.3	46.8	47.2	47.3	47.4	47.4	47.7	47.9	47.9	48.2	48.2	48.2	48.2
45.2	45.7	46.3	46.3	46.8	47.2	47.3	47.4	47.4	47.7	47.9	47.9	48.2	48.2	48.2	48.2
45.6	46.1	46.7	46.7	47.2	47.5	47.7	47.8	47.8	48.0	48.3	48.3	48.5	48.5	48.5	48.5
47.2	47.7	48.3	48.3	48.8	49.1	49.3	49.4	49.4	49.6	49.9	49.9	50.1	50.1	50.1	50.1
49.3	49.8	50.4	50.4	50.9	51.2	51.4	51.5	51.5	51.7	52.0	52.0	52.2	52.2	52.2	52.2
51.5	52.0	52.6	52.6	53.1	53.4	53.6	53.7	53.7	53.9	54.2	54.2	54.4	54.4	54.4	54.4
57.5	58.0	58.7	58.7	59.2	59.6	59.8	60.0	60.0	60.2	60.4	60.4	60.7	60.7	60.7	60.7
64.1	64.5	65.2	65.2	65.7	66.1	66.3	66.5	66.5	66.7	67.0	67.0	67.2	67.2	67.2	67.2
66.3	67.0	67.7	67.7	68.3	68.7	68.9	69.0	69.0	69.3	69.5	69.5	69.8	69.8	69.8	69.8
69.4	70.3	71.0	71.0	71.7	72.1	72.4	72.5	72.5	72.7	73.0	73.0	73.2	73.2	73.2	73.2
69.7	70.5	71.3	71.3	72.0	72.4	72.6	72.7	72.7	73.0	73.2	73.2	73.5	73.5	73.5	73.5
71.7	72.6	73.3	73.3	74.1	74.4	74.7	74.8	74.8	75.1	75.3	75.3	75.6	75.6	75.6	75.6
73.5	74.6	75.3	75.7	76.4	76.8	77.0	77.1	77.1	77.4	77.6	77.6	77.9	77.9	77.9	77.9
75.7	77.3	78.0	78.4	79.5	79.9	80.2	80.3	80.3	80.6	80.8	80.8	81.1	81.1	81.1	81.1
76.3	77.9	78.7	79.1	80.3	80.7	81.1	81.2	81.2	81.4	81.7	81.7	81.9	81.9	81.9	81.9
77.0	78.7	79.6	80.0	81.4	81.8	82.2	82.3	82.3	82.7	82.9	82.9	83.2	83.2	83.2	83.2
77.0	78.7	79.6	80.0	81.6	81.9	82.3	82.4	82.4	82.8	83.0	83.0	83.3	83.3	83.3	83.3
77.5	79.5	80.7	81.1	82.9	83.3	84.0	84.2	84.2	84.9	85.1	85.1	85.5	85.5	85.5	85.5
78.9	81.0	82.4	82.9	85.0	85.5	86.2	86.5	86.6	87.5	87.7	87.8	88.1	88.1	88.1	88.1
80.1	82.2	83.7	84.2	86.4	86.9	87.6	88.0	88.1	88.9	89.2	89.3	89.6	89.6	89.6	89.6
80.5	82.7	84.6	85.3	87.7	88.2	89.1	89.6	89.8	90.7	90.9	91.0	91.3	91.3	91.3	91.3
81.0	83.2	85.3	85.9	88.5	88.9	90.0	90.5	90.8	91.6	91.9	92.0	92.3	92.3	92.3	92.3
81.3	83.5	85.6	86.2	88.9	89.4	90.5	91.0	91.4	92.3	92.5	92.6	92.9	92.9	92.9	92.9
81.4	83.8	86.0	86.6	89.4	89.9	91.4	91.9	92.3	93.4	93.6	93.9	94.1	94.1	94.2	94.2
81.4	83.9	86.2	86.9	89.9	90.4	91.9	93.0	93.4	94.8	95.2	95.6	95.8	95.8	96.1	96.1
81.4	83.9	86.2	86.9	89.9	90.4	91.9	93.2	93.9	95.5	96.1	96.4	96.8	96.8	97.1	97.2
81.6	84.1	86.4	87.0	90.0	90.5	92.0	93.4	94.0	95.7	96.4	96.9	97.3	97.3	97.7	97.8
81.6	84.3	86.6	87.2	90.3	90.8	92.3	93.6	94.2	96.4	97.4	97.9	98.5	98.5	98.9	99.0
81.6	84.4	86.7	87.3	90.5	91.0	92.5	93.9	94.5	96.7	97.8	98.3	99.5	99.5	99.9	100.0
81.6	84.4	86.7	87.3	90.5	91.0	92.5	93.9	94.5	96.7	97.8	98.3	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 814

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 315 TATALINA AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	20	21	24	2	22	2		2	2							
	41.3	41.5	42.4	42.6	42.8	42.8	42.8	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	
	43.5	43.7	44.6	44.8	45.0	45.0	45.0	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	
	46.5	46.6	47.6	47.7	48.0	48.0	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	
	46.5	46.6	47.6	47.7	48.0	48.1	48.0	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	
	47.4	47.5	48.6	48.7	49.0	49.0	49.0	49.2	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	
	48.5	48.6	49.7	49.8	50.1	50.1	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	
	50.7	50.8	52.0	52.3	52.5	52.5	52.5	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	
	53.8	53.9	55.2	55.5	55.7	55.7	55.7	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	
	58.7	58.9	60.4	60.6	60.9	60.9	60.9	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	
	65.2	65.4	66.9	67.2	67.4	67.4	67.7	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	
	67.3	67.3	68.9	69.1	69.5	69.5	69.7	70.0	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	
	69.0	69.2	70.8	71.1	71.5	71.5	71.7	72.4	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	
	69.5	69.7	71.3	71.6	72.1	72.1	72.3	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	
	71.7	72.0	73.7	73.9	74.4	74.4	74.8	75.0	75.0	75.2	75.3	75.3	75.3	75.3	75.3	75.3	
	73.6	73.9	75.6	75.9	76.4	76.4	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	
	74.4	75.2	77.0	77.2	78.2	78.2	78.6	79.0	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	
	75.2	75.9	77.7	78.2	79.3	79.3	79.7	80.3	80.3	80.6	80.7	80.7	80.7	80.7	80.7	80.7	
	75.9	76.9	78.8	79.3	80.8	80.8	81.4	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	
	76.3	77.4	79.3	79.8	81.3	81.3	82.0	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	
	76.5	77.6	79.6	80.1	81.7	81.9	82.7	83.4	83.4	83.6	83.8	83.8	83.8	83.8	83.8	83.8	
	78.2	79.8	81.9	82.5	84.1	84.5	86.1	87.0	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	
	78.6	80.3	82.4	83.0	84.6	85.0	86.7	87.8	87.9	88.8	88.9	88.9	88.9	88.9	88.9	88.9	
	79.3	81.2	83.3	84.3	86.5	86.8	88.7	89.9	90.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	
	79.8	81.8	84.1	85.1	87.3	87.7	89.5	90.8	91.0	92.1	92.3	92.3	92.3	92.3	92.3	92.3	
	80.2	82.2	84.5	85.5	87.8	88.2	90.3	91.6	91.9	93.1	93.2	93.2	93.4	93.4	93.4	93.4	
	80.2	82.2	84.5	85.7	88.3	88.7	90.8	92.1	92.4	93.7	94.1	94.1	94.3	94.3	94.3	94.3	
	80.3	82.3	84.6	85.9	88.4	88.8	91.1	93.0	93.4	95.3	95.8	95.8	96.1	96.1	96.1	96.1	
	80.3	82.3	84.6	85.9	88.4	88.8	91.3	93.1	93.5	95.7	96.3	96.3	97.2	97.2	97.2	97.2	
	80.3	82.3	84.6	86.1	88.7	89.1	91.5	93.8	94.3	96.6	97.3	97.5	98.8	98.8	98.9	98.9	
	80.3	82.3	84.6	86.1	88.7	89.1	91.9	94.5	95.1	97.3	98.0	98.3	99.5	99.5	99.6	99.6	
	80.3	82.3	84.6	86.1	88.7	89.1	91.9	94.6	95.2	97.4	98.2	98.5	99.9	99.9	100.0	100.0	
	80.3	82.3	84.6	86.1	88.7	89.1	91.9	94.6	95.2	97.4	98.2	98.5	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 813

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 315 TATALINA AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

	39.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.3
	43.9	45.0	45.0	45.0	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
	45.0	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4
	45.1	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5
	45.4	46.5	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.8
	46.7	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1	48.1	48.1
	49.9	51.1	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.5
	53.0	54.2	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8
	58.2	59.3	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9
	63.8	65.2	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8
	65.4	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.4	67.4	67.4	67.4
	67.4	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4
	68.4	69.8	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4
	69.9	71.5	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1	72.1
	71.9	73.5	73.8	73.8	73.8	73.9	73.9	73.9	73.9	74.3	74.3	74.3	74.5	74.5	74.5	74.5
	73.0	74.9	75.2	75.2	75.7	75.9	76.0	76.0	76.0	76.6	76.6	76.6	76.7	76.7	76.7	76.7
	75.2	77.2	77.4	77.4	78.0	78.2	78.3	78.3	78.3	78.9	78.9	78.9	79.0	79.0	79.0	79.0
	75.7	77.7	78.2	78.2	78.7	79.0	79.6	79.6	79.6	80.1	80.1	80.1	80.3	80.3	80.3	80.3
	76.3	78.3	78.9	78.9	79.4	79.7	80.4	80.4	80.6	81.1	81.1	81.1	81.3	81.3	81.3	81.3
	76.7	78.7	79.4	79.4	80.0	80.4	81.1	81.3	81.4	82.0	82.0	82.0	82.1	82.1	82.1	82.1
	78.2	80.4	81.1	81.3	82.0	82.4	83.3	84.0	84.5	85.1	85.1	85.1	85.2	85.2	85.2	85.2
	79.0	81.6	82.3	82.4	83.4	83.8	84.8	85.8	86.4	87.2	87.2	87.4	87.5	87.5	87.5	87.5
	80.7	83.4	84.1	84.4	85.8	86.2	87.2	88.2	89.1	90.1	90.4	90.5	90.6	90.6	90.6	90.6
	81.0	84.0	84.8	85.1	87.0	87.7	88.7	89.6	90.5	91.6	91.9	92.1	92.2	92.2	92.2	92.2
	81.4	84.4	85.2	85.5	87.5	88.4	89.5	90.5	91.3	92.6	93.0	93.2	93.3	93.3	93.3	93.3
	81.4	84.5	85.5	85.8	87.9	88.8	89.9	90.9	91.8	93.0	93.5	93.8	94.0	94.0	94.0	94.0
	81.8	85.0	86.1	86.5	88.7	89.5	90.9	92.2	93.0	94.3	95.0	95.5	95.7	95.7	95.7	95.7
	82.0	85.2	86.4	87.0	89.1	89.9	91.3	92.6	93.5	94.9	95.9	96.3	97.0	97.0	97.0	97.0
	82.1	85.4	86.5	87.1	89.2	90.1	91.5	92.8	93.6	95.0	96.2	97.4	98.3	98.3	98.4	98.4
	82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.5	96.9	98.2	99.6	99.6	99.7	99.7
	82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.6	97.0	98.3	99.9	99.9	100.0	100.0
	82.1	85.4	86.7	87.2	89.4	90.2	91.6	92.9	93.8	95.6	97.0	98.3	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 705

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2215 TATALINA AFS AK 74-75,78-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

39.5	40.2	40.4	40.4	40.9	40.9	41.4	41.4	41.4	41.9	41.9	41.9	41.9	41.9	41.9	41.9
42.9	43.7	43.9	43.9	44.4	44.4	44.9	44.9	44.9	45.4	45.4	45.4	45.4	45.4	45.4	45.4
44.2	44.9	45.2	45.2	45.7	45.7	46.2	46.2	46.2	46.7	46.7	46.7	46.7	46.7	46.7	46.7
45.2	45.9	46.2	46.2	46.7	46.7	47.1	47.1	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6
45.2	45.9	46.2	46.2	46.7	46.7	47.1	47.1	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6
45.2	45.9	46.2	46.2	46.7	46.7	47.1	47.1	47.1	47.6	47.6	47.6	47.6	47.6	47.6	47.6
47.9	48.6	48.9	48.9	49.4	49.4	49.9	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4
51.6	52.6	52.9	52.9	53.3	53.3	53.8	53.8	53.8	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.8	55.8	56.1	56.1	56.6	56.6	57.1	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.6	57.6
62.5	63.8	64.0	64.0	64.8	64.8	65.3	65.3	65.3	65.8	65.8	65.8	65.8	65.8	65.8	65.8
64.3	65.5	65.8	65.8	66.5	66.5	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5
66.7	68.0	68.2	68.2	69.0	69.0	69.5	69.5	69.5	70.0	70.0	70.0	70.0	70.0	70.0	70.0
68.2	69.5	69.7	69.7	70.5	70.5	71.2	71.2	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7
70.7	72.0	72.2	72.2	73.0	73.0	73.7	73.7	73.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2
72.0	73.4	73.7	73.7	74.4	74.4	75.2	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7
72.5	73.9	74.2	74.2	75.2	75.2	75.9	75.9	75.9	76.4	76.4	76.4	76.4	76.4	76.4	76.4
74.2	76.9	77.2	77.2	78.2	78.4	79.2	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7
75.4	78.4	78.9	78.9	80.1	80.4	81.4	81.4	81.4	81.9	81.9	81.9	81.9	81.9	81.9	81.9
76.4	79.4	79.9	79.9	81.1	81.4	82.4	82.4	82.4	82.9	82.9	82.9	82.9	82.9	82.9	82.9
77.2	80.1	80.9	80.9	82.6	82.9	84.1	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6
78.4	81.4	82.1	82.1	83.9	84.1	85.6	85.6	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1
79.7	82.9	83.9	83.9	85.9	86.1	87.6	88.1	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6
80.4	83.6	84.6	84.6	86.6	87.1	88.8	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8
80.6	84.1	85.1	85.1	87.1	87.8	89.6	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
81.1	85.1	86.1	86.1	88.1	88.8	90.6	91.1	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6
81.6	85.6	86.6	86.6	88.6	89.3	91.3	91.8	91.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
81.6	85.9	87.1	87.1	89.1	89.8	92.1	92.6	92.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
82.1	86.4	87.6	87.8	89.8	90.6	94.3	94.8	94.8	96.0	96.5	96.5	97.5	97.5	97.5	97.5
82.4	86.6	88.1	88.3	90.6	91.3	95.0	95.5	95.5	96.8	97.5	97.8	98.8	98.8	98.8	98.8
82.4	86.6	88.1	88.3	90.6	91.3	95.0	95.5	95.8	97.5	98.5	98.8	99.8	99.8	99.8	99.8
82.4	86.6	88.1	88.3	90.6	91.3	95.0	95.5	95.8	97.8	98.8	99.0	100.0	100.0	100.0	100.0
82.4	86.6	88.1	88.3	90.6	91.3	95.0	95.5	95.8	97.8	98.8	99.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 3 45 TATALINA AFS AK 73,75-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

40.4	41.7	41.7	41.7	42.0	42.0	42.4	42.6	42.6	42.9	42.9	42.9	43.1	43.1	43.1	43.1	
41.7	43.1	43.1	43.1	43.3	43.3	43.8	44.2	44.2	44.4	44.4	44.4	44.6	44.6	44.6	44.6	
42.9	44.2	44.2	44.2	44.4	44.4	44.9	45.3	45.3	45.5	45.5	45.5	45.8	45.8	45.8	45.8	
43.3	44.6	44.6	44.6	44.9	44.9	45.3	45.8	45.8	46.0	46.0	46.0	46.2	46.2	46.2	46.2	
43.5	44.9	44.9	44.9	45.1	45.1	45.5	46.0	46.0	46.2	46.2	46.2	46.4	46.4	46.4	46.4	
43.8	45.1	45.1	45.1	45.3	45.3	45.8	46.2	46.2	46.4	46.4	46.4	46.7	46.7	46.7	46.7	
47.5	48.9	48.9	48.9	49.1	49.1	49.6	50.0	50.0	50.2	50.2	50.2	50.4	50.4	50.4	50.4	
50.0	51.3	51.3	51.3	51.6	51.6	52.0	52.5	52.5	52.7	52.7	52.7	52.9	52.9	52.9	52.9	
54.9	56.3	56.3	56.3	56.5	56.5	56.9	57.4	57.4	57.6	57.6	57.6	57.8	57.8	57.8	57.8	
62.1	63.4	63.4	63.4	63.8	63.8	64.3	64.7	64.7	65.0	65.0	65.0	65.2	65.2	65.2	65.2	
63.8	65.2	65.2	65.2	65.8	65.8	66.3	66.7	66.7	67.0	67.0	67.0	67.2	67.2	67.2	67.2	
66.3	67.9	67.9	67.9	68.5	68.5	69.0	69.4	69.4	69.6	69.6	69.6	69.9	69.9	69.9	69.9	
68.3	69.9	69.9	69.9	70.5	70.5	71.2	71.7	71.7	71.9	71.9	71.9	72.1	72.1	72.1	72.1	
69.2	70.8	70.8	70.8	71.7	71.7	72.3	72.8	72.8	73.0	73.0	73.0	73.2	73.2	73.2	73.2	
70.1	71.7	71.7	71.7	72.5	72.8	73.4	73.9	73.9	74.1	74.1	74.1	74.3	74.3	74.3	74.3	
70.8	72.3	72.3	72.3	73.2	73.4	74.1	74.6	74.6	74.8	74.8	74.8	75.0	75.0	75.0	75.0	
72.5	75.2	75.2	75.2	76.1	76.3	77.0	77.5	77.5	77.7	77.7	77.7	77.9	77.9	77.9	77.9	
73.7	76.6	77.7	77.7	78.6	78.8	79.5	79.9	79.9	80.1	80.1	80.1	80.4	80.4	80.4	80.4	
74.3	77.2	78.3	78.3	79.2	79.5	80.1	80.6	80.6	80.8	80.8	80.8	81.0	81.0	81.0	81.0	
75.4	78.3	79.5	79.5	80.6	80.8	81.5	81.9	81.9	82.1	82.1	82.1	82.4	82.4	82.4	82.4	
76.6	79.7	80.8	80.8	82.4	82.6	83.5	83.9	83.9	84.2	84.2	84.2	84.4	84.4	84.4	84.4	
77.7	80.8	82.1	82.1	83.9	84.2	85.0	85.7	85.7	85.9	85.9	85.9	86.2	86.2	86.2	86.2	
79.9	83.3	84.6	84.6	87.3	87.5	88.8	89.5	89.5	89.7	89.7	89.7	90.0	90.0	90.0	90.0	
79.9	83.5	84.8	84.8	87.7	88.4	90.0	91.1	91.1	91.3	91.3	91.3	91.5	91.5	91.5	91.5	
80.1	83.9	85.5	85.5	88.4	89.1	90.6	91.7	91.7	92.0	92.2	92.2	92.4	92.4	92.4	92.4	
80.4	84.4	86.2	86.2	90.0	90.8	93.3	94.6	94.6	95.1	95.3	95.3	95.5	95.5	95.5	95.5	
80.6	84.6	86.4	86.4	90.6	91.5	94.4	95.8	95.8	96.4	96.7	96.7	96.9	96.9	96.9	96.9	
80.8	84.8	86.6	86.6	91.3	92.2	95.5	96.9	97.1	98.0	98.4	98.4	98.9	98.9	98.9	98.9	
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.7	98.9	99.3	99.3	99.8	99.8	99.8	99.8	
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	99.8	99.8	99.8	99.8	
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	100.0	100.0	100.0	100.0	
80.8	84.8	86.6	86.6	91.3	92.2	96.4	97.8	98.0	98.9	99.3	99.3	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 448

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 2345 TATALINA AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

43.5	44.6	44.9	45.0	45.5	45.6	45.7	45.8	45.8	46.3	46.2	46.2	46.3	46.3	46.3	46.3
45.2	46.3	46.6	46.7	47.2	47.3	47.4	47.6	47.6	47.8	47.9	47.9	48.1	48.1	48.1	48.1
46.9	48.0	48.3	48.4	48.9	49.0	49.3	49.4	49.4	49.6	49.8	49.8	49.9	49.9	49.9	49.9
47.1	48.2	48.5	48.6	49.1	49.2	49.4	49.6	49.6	49.8	49.9	49.9	50.1	50.1	50.1	50.1
47.4	48.6	48.9	49.0	49.5	49.6	49.8	49.9	49.9	50.2	50.3	50.3	50.5	50.5	50.5	50.5
48.4	49.5	49.8	49.9	50.4	50.5	50.8	50.9	50.9	51.1	51.3	51.3	51.4	51.4	51.4	51.4
51.1	52.2	52.6	52.7	53.2	53.3	53.5	53.7	53.7	53.9	54.0	54.0	54.2	54.2	54.2	54.2
53.3	54.4	54.8	55.0	55.4	55.6	55.8	55.9	55.9	56.2	56.3	56.3	56.4	56.4	56.4	56.4
58.7	59.8	60.3	60.4	60.9	61.0	61.3	61.4	61.4	61.6	61.8	61.8	61.9	61.9	61.9	61.9
64.1	65.5	66.0	66.1	66.8	66.9	67.2	67.4	67.4	67.6	67.7	67.7	67.9	67.9	67.9	67.9
65.8	67.2	67.7	67.8	68.6	68.7	69.0	69.2	69.2	69.4	69.5	69.5	69.7	69.7	69.7	69.7
68.1	69.7	70.2	70.3	71.1	71.3	71.6	71.8	71.8	72.1	72.2	72.2	72.3	72.3	72.3	72.3
69.1	70.7	71.2	71.3	72.2	72.4	72.7	72.9	72.9	73.2	73.3	73.3	73.5	73.5	73.5	73.5
70.7	72.3	72.8	73.0	73.9	74.1	74.5	74.6	74.6	74.9	75.0	75.0	75.2	75.2	75.2	75.2
72.2	73.9	74.5	74.7	75.7	75.9	76.4	76.6	76.6	76.9	77.1	77.1	77.2	77.2	77.2	77.2
73.4	75.3	76.0	76.2	77.4	77.8	78.3	78.5	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.1
74.7	77.0	77.6	77.9	79.2	79.5	80.1	80.4	80.4	80.7	80.9	80.9	81.0	81.0	81.0	81.0
75.7	77.9	78.9	79.1	80.6	81.0	81.7	82.0	82.0	82.4	82.5	82.5	82.7	82.7	82.7	82.7
76.0	78.4	79.3	79.6	81.1	81.5	82.3	82.5	82.5	83.0	83.1	83.1	83.2	83.2	83.2	83.2
76.7	79.2	80.2	80.5	82.2	82.8	83.8	84.2	84.2	84.7	84.8	84.8	84.9	84.9	84.9	84.9
77.9	80.6	81.7	82.1	84.0	84.6	85.8	86.3	86.4	86.9	87.0	87.1	87.2	87.2	87.2	87.2
78.9	81.7	82.8	83.2	85.3	85.9	87.2	88.1	88.2	88.9	89.0	89.1	89.2	89.2	89.2	89.2
79.9	82.7	83.9	84.4	86.8	87.5	88.9	90.0	90.2	90.9	91.1	91.1	91.2	91.2	91.2	91.2
80.1	83.2	84.5	85.0	87.6	88.3	89.9	91.0	91.2	92.0	92.2	92.2	92.3	92.3	92.3	92.3
80.4	83.6	84.9	85.5	88.1	88.9	90.4	91.7	91.9	92.8	93.1	93.1	93.3	93.3	93.3	93.3
80.6	83.9	85.3	85.9	88.7	89.5	91.4	92.7	93.0	94.0	94.4	94.5	94.7	94.7	94.7	94.7
80.7	84.1	85.6	86.2	89.2	90.1	92.1	93.8	94.1	95.4	95.8	95.9	96.2	96.2	96.2	96.2
80.8	84.2	85.7	86.3	89.5	90.4	92.7	94.6	94.9	96.4	97.1	97.2	97.7	97.7	97.8	97.8
80.9	84.4	85.8	86.5	89.7	90.6	93.1	95.0	95.4	96.9	97.8	98.1	98.8	98.8	98.8	98.9
80.9	84.4	85.9	86.6	89.8	90.6	93.3	95.2	95.6	97.3	98.4	98.7	99.5	99.5	99.6	99.6
80.9	84.4	85.9	86.6	89.8	90.7	93.3	95.2	95.6	97.5	98.6	98.9	99.9	99.9	100.0	100.0
80.9	84.4	85.9	86.6	89.8	90.7	93.3	95.2	95.6	97.5	98.6	98.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5528

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

62.1	62.5	62.5	62.5	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
62.7	63.1	63.1	63.1	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
63.1	63.6	63.6	63.6	64.2	64.3	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
63.4	63.9	63.9	63.9	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
63.6	64.0	64.0	64.0	64.6	64.8	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
64.8	65.2	65.2	65.2	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
67.0	67.5	67.5	67.5	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
68.4	68.8	68.8	68.8	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
70.8	71.2	71.2	71.2	71.8	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
74.4	74.8	74.8	74.8	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
76.9	77.7	77.7	77.7	78.3	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	
77.6	80.5	81.0	81.0	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
80.2	81.1	81.6	81.6	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
81.6	82.8	83.4	83.5	84.1	84.4	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
81.9	83.2	83.8	84.0	84.6	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
83.1	85.2	85.9	86.1	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	
84.0	86.4	87.1	87.3	88.0	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
84.6	87.3	88.0	88.2	89.1	89.4	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	
84.6	87.3	88.0	88.2	89.2	89.5	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
85.0	88.2	89.1	89.2	90.4	90.7	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
85.0	88.2	89.1	89.2	90.9	91.3	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
85.2	88.3	89.2	89.4	91.0	91.5	93.0	93.1	93.3	93.6	93.6	93.6	94.2	94.2	94.2	94.2	
85.6	88.9	89.8	90.0	91.9	92.4	93.9	94.3	94.5	94.8	94.8	94.8	95.4	95.4	95.4	95.4	
85.6	88.9	89.8	90.0	91.9	92.4	94.0	94.5	94.6	94.9	94.9	94.9	95.5	95.5	95.5	95.5	
85.6	88.9	90.1	90.3	92.2	92.7	94.3	94.8	94.9	95.2	95.2	95.2	96.0	96.0	96.0	96.0	
85.9	89.4	90.6	90.7	92.7	93.1	95.1	95.5	95.7	96.0	96.0	96.0	97.0	97.0	97.0	97.0	
86.1	89.7	90.9	91.0	93.0	93.4	96.1	96.7	96.9	97.5	97.5	97.5	98.5	98.5	98.5	98.5	
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.8	97.8	99.0	99.0	99.0	99.0	
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.8	97.8	99.3	99.3	99.3	99.3	
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.6	97.9	97.9	99.4	99.4	99.6	99.6	
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.8	98.1	98.1	99.6	99.6	99.7	99.7	
86.1	89.7	90.9	91.0	93.0	93.4	96.3	96.9	97.0	97.8	98.2	98.2	99.7	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 667

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

715 TATALINA AFS AK 73-81 FEB 0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

59.7	60.7	61.8	61.0	61.8	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
61.1	62.0	62.1	62.2	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
61.4	62.4	62.5	62.7	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
61.5	62.5	62.7	62.8	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
61.5	62.5	62.7	62.8	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	
63.1	64.1	64.2	64.3	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
65.9	66.9	67.0	67.1	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
67.0	68.0	68.1	68.3	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
69.2	70.3	70.5	70.6	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	
72.4	73.6	73.7	73.8	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
73.6	74.8	75.0	75.1	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
76.4	78.3	79.3	79.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	
76.9	79.0	80.0	80.1	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	
78.7	81.0	82.1	82.2	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
78.7	81.1	82.2	82.4	83.5	83.5	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	
79.9	82.2	83.8	83.9	85.2	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	
80.6	83.2	84.8	84.9	86.2	86.2	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
81.5	84.5	86.2	86.3	88.0	88.1	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	
81.7	84.6	86.3	86.4	88.1	88.3	89.1	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
82.4	85.9	87.6	87.7	89.5	89.7	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
82.4	85.9	87.6	87.7	89.5	89.7	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
82.7	86.6	88.3	88.4	90.6	90.8	94.0	94.1	94.1	94.4	94.5	94.5	94.8	94.8	94.8	94.8	
82.7	86.7	88.4	88.5	90.8	90.9	94.7	94.8	94.8	95.1	95.2	95.4	95 7	95.7	95.7	95.7	
82.7	86.7	88.4	88.5	91.0	91.2	95.1	95.4	95.4	95.7	95.9	96.1	96.4	96.4	96.4	96.4	
82.9	87.0	88.7	88.8	91.3	91.5	95.7	95.9	95.9	96.5	96.8	96.9	97.3	97.3	97.3	97.3	
83.1	87.1	88.8	89.0	91.5	91.6	95.9	96.2	96.2	96.8	97.1	97.2	97.8	97.8	97.8	97.8	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.5	98.7	98.9	99.4	99.4	99.4	99.4	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2	100.0	100.0	100.0	100.0	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2	100.0	100.0	100.0	100.0	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2	100.0	100.0	100.0	100.0	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2	100.0	100.0	100.0	100.0	
83.2	87.3	89.0	89.1	91.6	91.7	96.8	97.6	97.6	98.6	99.0	99.2	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 715

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFOS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALINA AFS AK 73-81 SEE

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-1800

56.7	56.9	56.9	56.9	58.0	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	
57.5	57.9	57.9	57.9	59.0	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
58.3	58.8	58.8	58.8	59.9	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
58.6	59.1	59.1	59.1	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
58.6	59.1	59.1	59.1	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
60.3	60.9	60.9	60.9	62.0	62.0	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
63.1	63.6	63.6	63.6	64.8	64.8	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	
64.1	64.7	64.7	64.7	65.9	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
67.1	68.1	68.1	68.1	69.3	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
70.6	71.6	71.7	71.7	73.0	73.0	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
71.5	72.7	72.8	72.8	74.2	74.2	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
73.8	75.1	75.7	75.8	77.3	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
74.5	75.7	76.4	76.5	78.1	78.1	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
76.8	78.4	79.1	79.2	81.0	81.0	81.7	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	
77.2	79.2	79.9	80.0	81.8	81.8	82.5	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	
78.5	81.0	81.8	82.1	84.2	84.2	85.1	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	
79.1	82.2	83.0	83.6	85.9	85.9	86.8	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	
79.9	83.2	84.5	85.1	87.4	87.4	89.0	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	
79.9	83.2	84.5	85.1	87.5	87.5	89.3	89.5	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.7	
81.0	84.5	85.9	86.4	89.0	89.0	91.0	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	
81.1	84.9	86.4	87.0	89.7	89.8	92.4	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	
81.1	85.2	86.7	87.2	90.1	90.4	94.2	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	
81.3	85.5	87.1	87.5	90.4	90.6	94.8	95.2	95.2	95.2	95.2	95.7	95.8	95.8	95.8	95.8	
81.3	85.5	87.1	87.5	90.4	90.6	95.0	95.5	95.5	95.5	95.5	95.9	96.1	96.1	96.1	96.1	
81.5	85.7	87.2	87.8	90.8	91.2	95.9	96.5	96.6	96.6	96.6	97.0	97.1	97.1	97.1	97.1	
81.5	85.7	87.2	87.8	90.8	91.2	96.2	96.7	97.1	97.4	97.4	97.8	98.0	98.0	98.0	98.0	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.4	97.8	98.5	98.5	98.9	99.0	99.0	99.0	99.0	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.6	98.1	98.8	98.9	99.3	99.5	99.5	99.5	99.5	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.6	98.1	98.9	99.0	99.5	99.6	99.6	99.7	99.7	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.7	98.2	99.0	99.2	99.6	99.7	99.7	99.9	100.0	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.7	98.2	99.0	99.2	99.6	99.7	99.7	99.9	100.0	
81.5	85.7	87.2	87.8	90.9	91.3	96.5	97.7	98.2	99.0	99.2	99.6	99.7	99.7	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 736

USAFETAC ... OBSOLETE ...

...AL CLIMATOLOGY BRANCH
...ETAC
2 ...PATH A SERVICE/MAC

CEILING VERSUS VISIBILITY

...TATALINA AFS AK 73-81 ...

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

...-1100

54.1	54.4	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	55.0	55.1	55.1	55.1	55.1	55.1	
55.3	56.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.9	56.9	56.9	56.9	56.9	
56.9	57.3	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.9	58.1	58.1	58.1	58.1	58.1	
57.1	57.5	57.8	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	
57.5	57.9	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.8	58.8	58.8	58.8	58.8	
60.1	60.7	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.5	61.5	61.5	61.5	61.5	
62.3	62.6	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	
64.3	64.9	65.1	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	
67.4	68.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.9	68.9	68.9	68.9	68.9	
71.8	72.5	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	
72.9	73.5	74.1	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	
74.5	75.3	76.0	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	
75.3	76.1	76.8	76.8	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.6	77.6	77.6	77.6	77.6	
77.7	79.0	79.8	79.9	80.9	80.9	80.9	80.9	80.9	80.9	81.2	81.1	81.1	81.1	81.1	81.1	
78.8	80.1	81.0	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	
79.8	81.3	82.2	82.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.9	83.9	83.9	83.9	83.9	
81.0	82.6	83.6	84.0	85.2	85.3	85.3	85.3	85.3	85.3	85.5	85.6	85.6	85.6	85.6	85.6	
82.4	84.9	86.2	86.6	88.2	88.5	88.5	88.6	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	
82.5	85.1	86.3	86.7	88.3	88.6	88.6	88.7	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	
83.2	86.6	87.8	88.2	90.0	90.4	90.9	91.0	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	
83.6	87.0	88.2	88.6	90.5	90.9	91.6	91.7	91.7	91.7	91.9	92.0	92.0	92.0	92.0	92.0	
83.9	87.4	89.0	89.4	91.6	92.1	92.9	93.2	93.4	93.5	93.6	93.8	93.9	93.9	93.9	93.9	
84.3	87.8	89.6	90.1	92.4	93.1	94.0	94.3	94.4	94.8	95.3	95.4	95.5	95.5	95.5	95.5	
84.3	87.8	89.6	90.1	92.5	93.2	94.2	94.6	94.7	95.3	95.7	95.8	95.9	95.9	95.9	95.9	
84.3	87.9	89.7	90.2	92.8	93.5	94.7	95.1	95.4	95.9	96.3	96.5	96.6	96.6	96.6	96.6	
84.3	87.9	89.7	90.2	92.8	93.5	94.7	95.1	95.4	96.1	96.5	96.6	96.7	96.7	96.7	96.7	
84.5	88.2	90.0	90.5	93.1	93.8	95.1	96.1	96.3	97.0	97.4	97.7	97.8	97.8	97.8	97.8	
84.5	88.2	90.0	90.5	93.1	93.9	95.4	96.7	97.2	97.8	98.2	98.5	98.6	98.6	98.6	98.6	
84.6	88.5	90.2	90.8	93.4	94.3	95.8	97.3	97.7	98.4	98.8	99.1	99.3	99.3	99.5	99.5	
84.8	88.5	90.2	90.8	93.4	94.3	95.8	97.4	97.8	98.5	99.1	99.3	99.7	99.7	100.0	100.0	
84.8	88.5	90.2	90.8	93.4	94.3	95.8	97.4	97.8	98.5	99.1	99.3	99.7	99.7	100.0	100.0	
84.8	88.5	90.2	90.8	93.4	94.3	95.8	97.4	97.8	98.5	99.1	99.3	99.7	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 717

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

CEILING VERSUS VISIBILITY

[illegible] CATALINA AFS AR [illegible] Total [illegible] FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ALL HOURS OF OBSERVATIONS

1200-1400

58.1	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
61.7	61.9	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4
62.1	62.3	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7
62.5	62.7	62.9	62.9	63.1	63.0	63.0	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
63.1	63.1	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6
65.7	66.0	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4
66.7	69.0	69.1	66.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4
69.5	69.8	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2
73.3	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5
75.5	76.3	76.4	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.0	77.0	77.0
76.6	77.4	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
79.6	79.4	79.5	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1
79.3	80.1	80.2	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8
82.5	83.5	83.6	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6
83.7	85.0	85.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0
84.9	85.6	85.9	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7
86.0	87.1	87.8	88.2	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2
87.1	88.1	89.0	89.6	90.5	90.5	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
87.5	88.3	89.3	89.8	90.8	90.8	91.1	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5
88.1	89.2	90.1	90.7	92.0	92.4	92.8	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2
88.3	89.7	90.7	91.3	92.8	93.2	93.8	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
88.6	90.1	91.1	91.9	93.5	94.2	94.7	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1
88.9	90.4	91.5	92.3	94.1	94.7	95.3	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7
88.9	90.4	91.6	92.4	94.4	95.1	95.8	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
88.9	90.4	91.6	92.4	94.4	95.3	95.9	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6
88.9	90.4	91.6	92.4	94.6	95.5	96.2	96.6	96.6	97.0	97.1	97.3	97.3	97.3	97.3	97.3
88.9	90.4	91.6	92.4	94.6	95.5	96.3	96.7	96.7	97.4	97.4	98.1	98.1	98.1	98.1	98.1
88.9	90.4	91.6	92.4	94.7	95.7	96.5	96.9	96.9	97.8	97.8	98.4	98.6	98.6	98.6	98.6
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.3	97.3	98.2	98.2	98.8	99.2	99.2	99.3	99.3
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	98.4	98.4	98.9	99.6	99.6	99.9	99.9
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	98.4	98.4	98.9	99.6	99.6	100.0	100.0
88.9	90.4	91.6	92.5	95.0	95.9	96.9	97.4	97.4	98.4	98.4	98.9	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 738

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7215 TATALINA AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

▲500-1700

56.3	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
60.9	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
62.3	62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	
63.5	63.7	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	
63.8	64.0	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
65.2	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
69.1	69.2	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	
69.5	69.6	69.8	69.8	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
72.5	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
76.5	76.8	77.1	77.1	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
78.1	78.4	78.7	78.7	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	
78.6	78.9	79.2	79.2	79.5	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	
79.7	79.0	79.3	79.3	79.6	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
81.7	82.6	82.9	82.9	83.3	83.3	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	
82.7	83.9	84.2	84.2	84.7	84.7	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
83.2	84.4	84.7	84.7	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
85.4	87.1	87.5	87.6	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	
86.0	87.6	88.1	88.5	89.3	89.3	89.4	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
86.2	87.9	88.4	88.8	89.6	89.6	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
86.9	88.7	89.1	89.6	90.9	90.9	91.4	91.5	91.5	91.8	91.8	91.8	92.0	92.0	92.0	92.0	
87.5	89.6	90.0	90.5	92.0	92.0	92.4	92.6	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.0	
88.4	90.3	90.8	91.2	92.7	92.7	93.6	94.0	94.0	94.5	94.5	94.5	94.6	94.6	94.6	94.6	
88.4	90.8	91.4	92.0	93.6	93.8	94.6	95.1	95.1	95.5	95.5	95.5	95.7	95.7	95.7	95.7	
88.5	90.9	91.5	92.1	94.0	94.2	95.1	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.3	
88.5	90.9	91.5	92.1	94.0	94.2	95.1	95.7	95.7	96.-	96.4	96.4	96.6	96.6	96.7	96.7	
88.5	90.9	91.5	92.1	94.0	94.3	95.2	95.8	95.8	96.6	96.7	96.9	97.0	97.0	97.2	97.2	
88.5	90.9	91.5	92.1	94.0	94.3	95.2	96.0	96.0	96.7	96.9	97.5	97.8	97.8	97.9	97.9	
88.5	90.9	91.5	92.1	94.5	94.8	95.8	96.6	96.6	97.5	97.8	98.5	99.0	99.0	99.1	99.1	
88.5	90.9	91.5	92.3	94.6	94.9	96.0	96.7	96.7	97.6	97.9	98.7	99.6	99.6	99.7	99.7	
88.5	90.9	91.5	92.3	94.6	94.9	96.0	96.9	96.9	97.8	98.1	98.8	99.7	99.91	00.0	100.0	
88.5	90.9	91.5	92.3	94.6	94.9	96.0	96.9	96.9	97.8	98.1	98.8	99.7	99.91	00.0	100.0	
88.5	90.9	91.5	92.3	94.6	94.9	96.0	96.9	96.9	97.8	98.1	98.8	99.7	99.91	00.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 672

USAFETAC ... PREVIOUS EDITIONS ... ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
...FETAC
... WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

73,75,78-81 FEB

YATALIMA AFS AK 1800-2000

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

58.3	58.8	59.1	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	
59.8	59.8	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	61.1	61.1	61.1	61.1	
61.9	61.9	62.1	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.6	63.6	63.6	63.6	
63.4	63.4	63.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	
63.4	63.4	63.6	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.2	65.2	65.2	65.2	
65.7	65.7	65.9	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.4	67.4	67.4	67.4	
68.2	68.2	68.4	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.9	69.9	69.9	69.9	
68.9	68.9	69.2	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.7	70.7	70.7	70.7	
71.5	71.5	71.7	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	73.2	73.2	73.2	73.2	
75.8	75.8	76.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.8	77.8	77.8	77.8	
79.1	79.1	79.3	80.3	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.6	81.6	81.6	81.6	
80.6	80.6	80.8	81.8	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	83.1	83.1	83.1	83.1	
81.1	81.1	81.3	82.3	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.6	83.6	83.6	83.6	
83.9	84.1	84.3	85.4	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.6	86.6	86.6	86.6	
84.6	84.8	85.1	86.1	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.4	87.4	87.4	87.4	
84.6	84.8	85.1	86.1	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.4	87.4	87.4	87.4	
86.6	87.4	87.6	88.6	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.9	89.9	89.9	89.9	
86.9	87.9	88.1	89.1	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.7	90.7	90.7	90.7	
88.4	89.4	89.6	90.7	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	92.2	92.2	92.2	92.2	
88.4	89.4	89.6	90.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.4	92.4	92.4	92.4	
88.6	89.6	89.9	90.9	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.7	92.7	92.7	92.7	
89.6	90.7	90.9	91.9	92.9	92.9	93.4	93.7	93.7	94.4	94.4	94.4	94.9	94.9	94.9	94.9	
89.9	90.9	91.2	92.2	93.2	93.2	93.7	93.9	93.9	94.7	94.7	94.7	95.2	95.2	95.7	95.7	
91.2	91.2	91.4	92.4	93.4	93.4	93.9	94.2	94.2	95.2	95.2	95.2	95.7	95.7	96.2	96.2	
90.2	91.2	91.4	92.4	94.2	94.4	95.2	95.5	95.5	96.5	96.5	96.5	97.0	97.0	97.5	97.5	
90.2	91.2	91.4	92.4	94.4	94.7	95.5	95.7	95.7	96.7	96.7	96.7	97.2	97.2	98.0	98.0	
90.2	91.2	91.4	92.4	94.4	94.7	95.7	96.0	96.0	97.2	97.2	97.2	98.2	98.2	99.0	99.0	
90.2	91.2	91.4	92.7	94.7	94.9	96.2	96.5	96.5	98.0	98.0	98.0	99.0	99.0	99.7	99.7	
90.2	91.2	91.4	92.7	94.7	94.9	96.2	96.7	96.7	98.2	98.2	98.2	99.2	99.2	100.0	100.0	
90.2	91.2	91.4	92.7	94.7	94.9	96.2	96.7	96.7	98.2	98.2	98.2	99.2	99.2	100.0	100.0	
90.2	91.2	91.4	92.7	94.7	94.9	96.2	96.7	96.7	98.2	98.2	98.2	99.2	99.2	100.0	100.0	
90.2	91.2	91.4	92.7	94.7	94.9	96.2	96.7	96.7	98.2	98.2	98.2	99.2	99.2	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 396

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73,76-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

64.3	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
64.7	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	
66.2	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
66.2	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
66.2	68.0	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
66.5	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	
68.5	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	
69.3	70.8	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
71.3	73.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	
75.6	77.3	77.3	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
79.8	81.6	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
81.9	84.1	84.1	84.1	84.6	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	
83.4	85.6	85.6	85.6	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
83.9	86.1	86.1	86.1	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
84.9	87.2	87.2	87.2	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
85.4	87.7	87.7	87.7	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
86.1	88.7	88.7	88.7	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
86.4	89.2	89.2	89.2	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
87.7	90.4	90.7	90.7	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
87.9	90.9	91.4	91.4	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
88.4	91.4	91.9	91.9	93.2	93.2	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	
88.7	91.7	92.2	92.2	93.5	93.5	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
89.2	92.2	92.7	92.7	94.5	94.5	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
89.2	92.9	93.5	93.5	95.2	95.2	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
89.4	93.2	93.7	93.7	95.5	95.7	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.7	98.7	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.0	98.2	98.2	98.2	98.2	99.0	99.0	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.5	98.7	98.7	98.7	98.7	99.5	99.5	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.5	98.7	98.7	99.0	99.0	99.7	99.7	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.5	98.7	98.7	99.2	99.2	99.7	99.7	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.5	98.7	98.7	99.0	99.0	99.7	99.7	
89.4	93.5	94.0	94.0	95.7	96.0	97.7	97.7	97.7	98.5	98.7	98.7	99.0	99.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 397

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

58.6	59.1	59.3	59.3	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
60.1	60.6	60.7	60.8	61.2	61.2	61.3	61.3	61.3	61.4	61.4	61.4	61.5	61.5	61.5	61.5	
61.2	61.7	61.9	61.9	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	
61.6	62.2	62.3	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	
61.8	62.3	62.5	62.5	63.0	63.0	63.1	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	
63.6	64.2	64.3	64.4	64.8	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1	
66.3	66.8	66.9	67.0	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	
67.4	67.9	68.1	68.1	68.6	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	
70.2	71.0	71.1	71.2	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	
73.8	74.6	74.8	74.9	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	
75.6	76.4	76.6	76.7	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	
77.5	78.5	79.0	79.2	79.9	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	
78.2	79.2	79.7	79.8	80.6	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	
80.4	81.8	82.3	82.5	83.4	83.4	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	
81.2	82.7	83.2	83.4	84.3	84.3	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	
82.1	83.7	84.4	84.6	85.6	85.6	85.9	85.9	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	
83.2	85.2	86.0	86.3	87.4	87.4	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	
84.1	86.3	87.2	87.6	88.9	89.0	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	
84.3	86.6	87.6	88.0	89.3	89.4	89.9	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	
85.1	87.6	88.6	89.0	90.5	90.7	91.5	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	
85.1	88.0	89.0	89.4	91.1	91.4	92.6	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	
85.6	88.5	89.5	90.0	91.8	92.1	93.8	94.0	94.1	94.3	94.3	94.4	94.6	94.6	94.6	94.6	
85.8	88.8	89.9	90.4	92.4	92.8	94.6	94.9	95.0	95.2	95.3	95.4	95.7	95.7	95.7	95.7	
85.9	88.9	90.1	90.5	92.7	93.0	95.0	95.4	95.4	95.7	95.8	95.9	96.1	96.1	96.2	96.2	
86.1	89.0	90.2	90.7	92.9	93.4	95.5	95.8	95.9	96.3	96.4	96.6	96.8	96.8	96.9	96.9	
86.1	89.1	90.3	90.8	93.1	93.5	95.7	96.1	96.2	96.8	96.9	97.0	97.4	97.4	97.5	97.5	
86.1	89.2	90.4	90.9	93.2	93.7	96.1	96.8	96.9	97.6	97.7	98.0	98.4	98.4	98.6	98.6	
86.1	89.2	90.4	90.9	93.3	93.8	96.3	97.1	97.2	98.1	98.3	98.6	99.1	99.1	99.2	99.2	
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.2	97.4	98.3	98.5	98.8	99.4	99.4	99.6	99.6	
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.3	97.5	98.3	98.6	98.9	99.6	99.6	99.9	99.9	
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.3	97.5	98.4	98.6	98.9	99.6	99.6	99.9	99.9	
86.1	89.3	90.5	91.0	93.4	93.9	96.5	97.3	97.5	98.4	98.6	98.9	99.6	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 5058

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

56.3	56.3	57.0	57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
58.3	58.3	58.4	58.7	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	59.8	58.8	58.8	58.8
59.9	59.9	60.0	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
60.3	60.3	60.4	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
61.0	61.0	61.1	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	
61.4	61.4	61.5	61.6	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	
64.7	64.7	64.8	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
68.0	68.0	68.3	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
71.7	71.8	72.2	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
73.5	73.7	74.2	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
74.7	75.0	75.5	75.8	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
76.6	76.9	77.4	77.7	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
78.6	79.1	79.7	79.9	80.5	80.5	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
79.9	80.5	81.0	81.3	82.0	82.0	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
82.4	83.2	83.7	84.0	85.3	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
82.9	83.8	84.6	84.9	86.4	86.9	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
85.4	86.4	87.2	87.6	89.6	90.4	91.6	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
86.0	87.3	88.1	88.5	90.5	91.3	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
86.8	88.6	89.4	89.8	92.6	93.4	94.9	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
87.0	88.9	89.7	90.1	92.9	93.7	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
87.0	88.9	89.7	90.1	93.2	94.1	95.7	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
87.6	89.7	90.6	91.0	94.1	95.1	96.7	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
87.7	89.8	90.8	91.2	94.3	95.2	96.8	97.6	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
87.7	89.8	90.8	91.2	94.3	95.3	96.9	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
87.7	89.8	90.8	91.2	94.3	95.3	97.1	98.0	98.3	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8
87.7	89.8	90.8	91.2	94.3	95.3	97.2	98.1	98.4	98.7	98.7	98.7	98.9	98.9	98.9	99.1	
87.7	89.8	90.8	91.2	94.5	95.6	97.5	98.4	98.7	98.9	98.9	98.9	99.2	99.2	99.2	99.3	
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.1	99.2	99.2	99.5	99.5	99.5	99.6	
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	
87.7	89.8	90.8	91.2	94.7	95.7	97.6	98.5	98.8	99.5	99.6	99.6	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

49.7	50.2	50.3	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	
51.5	52.0	52.1	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	
53.3	53.8	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	
53.6	54.1	54.2	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9	54.9	
53.8	54.3	54.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.2	55.2	
53.9	54.4	54.5	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.3	
55.9	56.5	56.6	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	
56.7	57.3	57.5	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	
61.5	62.3	62.5	62.9	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4	63.4	
66.2	67.4	67.6	68.0	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	
68.7	70.3	70.5	70.9	71.2	71.2	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	
70.4	72.4	72.6	73.0	73.3	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	
71.5	73.5	73.7	74.1	74.5	74.5	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	
73.8	76.1	76.8	77.3	77.9	77.9	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	
75.8	78.1	78.9	79.5	80.1	80.1	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	
76.1	78.7	79.5	80.1	81.3	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	
76.8	79.4	80.4	81.0	82.2	82.4	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	
79.5	82.7	84.0	84.6	86.3	87.1	88.4	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.3	89.3	
79.6	83.2	84.6	85.3	87.0	87.8	89.1	89.8	89.8	89.8	89.9	89.9	89.9	89.9	90.1	90.1	
79.8	83.9	85.5	86.3	88.4	89.1	91.0	91.9	91.9	91.9	92.1	92.0	92.1	92.1	92.1	92.1	
80.4	84.5	86.1	87.2	89.6	90.4	92.5	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.6	93.6	
80.8	85.0	86.5	87.6	90.1	91.0	93.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	95.1	
81.0	85.3	87.0	88.1	90.9	91.5	94.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.5	95.5	
81.3	85.7	87.4	88.5	90.9	91.9	94.4	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.4	96.4	
81.5	85.9	87.6	88.8	91.3	92.2	94.9	96.4	96.4	96.8	97.0	97.0	97.0	97.0	97.1	97.1	
81.5	85.9	87.6	88.8	91.3	92.2	95.4	96.8	96.8	97.3	97.5	97.5	97.8	97.8	97.9	97.9	
81.5	85.9	87.6	88.8	91.3	92.2	95.4	97.0	97.0	97.5	97.6	97.6	97.9	97.9	98.1	98.2	
81.5	85.9	87.6	89.0	91.5	92.5	95.6	97.2	97.2	97.7	98.1	98.1	98.5	98.5	98.9	99.2	
81.5	85.9	87.6	89.0	91.6	92.6	95.9	97.5	97.7	98.2	98.5	98.5	99.0	99.0	99.4	99.6	
81.5	85.9	87.6	89.0	91.6	92.6	95.9	97.5	97.8	98.5	98.9	98.9	99.4	99.4	99.8	100.0	
81.5	85.9	87.6	89.0	91.6	92.6	95.9	97.5	97.8	98.5	98.9	98.9	99.4	99.4	99.8	100.0	
81.5	85.9	87.6	89.0	91.6	92.6	95.9	97.5	97.8	98.5	98.9	98.9	99.4	99.4	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 825

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73-81 MAR 0600-0800

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

42.5	43.0	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5
44.4	44.8	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	
46.9	47.4	47.6	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0
47.5	48.0	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	
48.6	49.1	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	
49.9	50.4	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	
51.6	52.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7	
52.2	52.7	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	
56.1	57.0	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	
59.9	60.8	61.1	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.7	61.7	61.7	61.7	
62.8	64.1	64.5	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.3	65.3	65.3	65.3	
65.6	66.9	67.4	67.6	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.4	68.5	68.5	68.5	68.5	
66.1	67.4	67.9	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.1	69.1	69.1	
69.3	70.9	71.5	71.9	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	
71.0	72.7	73.3	74.2	74.9	74.9	75.4	75.4	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	
71.6	73.6	74.3	75.5	76.6	76.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8	
72.4	74.5	75.4	76.7	77.9	78.1	79.0	79.3	79.3	79.8	79.8	79.9	80.0	80.0	80.0	80.0	
73.8	76.5	77.7	79.0	80.7	81.0	83.0	83.5	83.5	84.0	84.0	84.1	84.2	84.2	84.2	84.2	
74.4	77.2	78.4	79.8	81.6	81.8	84.0	84.5	84.5	85.0	85.0	85.1	85.2	85.2	85.2	85.2	
74.9	78.1	79.5	81.1	84.2	84.6	87.6	88.1	88.1	88.6	88.6	88.7	88.8	88.8	88.8	88.8	
75.4	78.5	80.0	81.7	85.1	85.5	88.5	89.1	89.1	89.6	89.6	89.7	89.8	89.8	89.8	89.8	
76.4	79.6	81.2	83.0	86.4	87.2	91.0	91.9	91.9	92.5	92.5	92.6	92.7	92.7	92.7	92.7	
76.6	80.0	81.7	83.5	86.9	87.8	91.6	92.5	92.5	93.2	93.2	93.3	93.5	93.5	93.5	93.5	
77.0	80.4	82.1	83.9	87.3	88.1	92.0	92.8	92.8	94.1	94.1	94.2	94.3	94.3	94.3	94.3	
77.0	80.6	82.3	84.1	87.6	88.5	92.4	93.6	93.6	95.0	95.0	95.3	95.4	95.4	95.4	95.4	
77.0	80.6	82.3	84.1	87.6	88.5	92.5	93.7	93.9	95.5	95.5	95.8	96.4	96.4	96.4	96.6	
77.1	81.0	82.7	84.8	88.5	89.3	93.8	95.2	95.4	97.0	97.0	97.3	97.9	97.9	98.2	98.5	
77.1	81.2	82.9	85.1	88.8	89.7	94.3	95.6	95.9	97.5	97.5	97.8	98.4	98.4	98.7	99.2	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	
77.1	81.2	82.9	85.1	89.0	89.8	94.5	96.0	96.4	97.9	97.9	98.4	99.2	99.2	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 825

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

46.1	46.1	46.1	46.1	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	
49.8	49.8	49.8	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	
53.2	53.3	53.3	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	
54.1	54.2	54.2	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.9	54.9	54.9	54.9	
55.0	55.1	55.1	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	
55.8	55.9	55.9	56.1	[illegible]	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.6	56.6	
57.4	57.5	57.5	57.6	[illegible]	58.0	58.0	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	
58.4	58.5	58.5	58.6	59.0	59.0	59.0	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	
62.4	62.5	62.5	62.6	63.0	63.0	63.0	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	
65.5	65.9	66.0	66.1	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.9	66.9	66.9	66.9	
67.7	68.2	68.7	68.8	69.2	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7	
70.5	71.0	71.5	71.6	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	
70.9	71.4	71.8	72.0	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	73.1	73.1	73.1	73.1	
72.1	72.6	73.7	73.9	74.6	74.6	74.8	75.4	75.7	75.2	75.2	75.2	75.5	75.5	75.5	75.5	
72.8	73.4	74.6	75.1	75.8	75.8	76.0	76.2	76.2	76.5	76.5	76.5	76.7	76.7	76.7	76.7	
74.2	75.0	76.5	77.4	78.3	78.3	78.6	78.9	78.9	79.1	79.1	79.1	79.4	79.4	79.4	79.4	
75.4	76.3	77.8	78.8	79.7	80.7	81.2	81.6	81.6	81.8	81.8	81.8	82.0	82.0	82.0	82.0	
76.3	77.5	79.1	80.1	81.1	82.3	82.8	83.5	83.5	83.9	83.9	83.9	84.3	84.3	84.3	84.3	
76.9	78.3	80.0	80.9	81.9	83.3	84.0	84.7	84.7	85.2	85.2	85.2	85.7	85.7	85.7	85.7	
77.4	79.1	81.4	82.5	83.7	85.1	86.3	87.0	87.0	87.6	87.6	87.6	88.1	88.1	88.1	88.1	
79.4	81.1	83.4	84.5	86.3	87.6	88.8	89.6	89.6	90.4	90.4	90.4	90.9	90.9	90.9	90.9	
80.1	81.9	84.2	85.4	87.5	89.2	90.4	91.5	91.5	92.7	92.7	92.7	93.2	93.2	93.2	93.2	
80.9	82.9	85.2	86.5	88.7	90.4	91.7	93.0	93.0	94.4	94.5	94.5	95.0	95.0	95.0	95.0	
80.9	83.0	85.4	86.8	89.1	90.8	92.1	93.3	93.4	95.5	95.8	95.8	96.2	96.2	96.2	96.2	
81.1	83.3	85.7	87.0	89.4	91.1	92.6	93.9	94.1	96.2	96.5	96.5	97.0	97.0	97.1	97.1	
81.1	83.3	85.7	87.0	89.4	91.1	92.7	94.1	94.2	97.0	97.2	97.2	97.7	97.7	97.8	97.8	
81.1	83.4	85.8	87.1	89.6	91.4	93.4	94.9	95.0	97.9	98.2	98.4	99.2	99.2	99.3	99.3	
81.1	83.4	85.8	87.3	89.7	91.5	93.6	95.0	95.3	98.2	98.4	98.7	99.4	99.4	99.5	99.6	
81.1	83.4	85.8	87.3	89.7	91.5	93.6	95.0	95.3	98.2	98.4	98.8	99.5	99.5	99.6	99.8	
81.1	83.4	85.8	87.3	89.7	91.5	93.6	95.0	95.3	98.2	98.5	98.9	99.8	99.8	99.9	100.0	
81.1	83.4	85.8	87.3	89.7	91.5	93.6	95.0	95.3	98.2	98.5	98.9	99.8	99.8	99.9	100.0	
81.1	83.4	85.8	87.3	89.7	91.5	93.6	95.0	95.3	98.2	98.5	98.9	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 824

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 4315 TATALINA AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

47.5	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
53.2	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
55.9	56.0	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	
57.1	57.2	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
58.2	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
60.0	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
61.6	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
63.9	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	
66.9	67.0	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	
70.7	70.9	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	
73.2	73.6	74.2	74.2	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	
75.0	75.6	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
75.2	75.8	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	
76.7	77.5	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	
77.7	79.2	79.9	79.9	80.1	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	
80.1	81.5	82.4	82.7	83.4	83.6	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	
82.7	84.0	85.0	85.2	85.9	86.2	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
84.5	86.2	87.8	88.2	89.1	89.7	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
84.8	86.5	88.1	88.6	89.5	90.1	90.8	90.9	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	
85.6	87.4	89.0	89.6	90.7	91.3	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
86.4	88.5	90.4	91.0	92.6	93.2	93.9	94.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
86.7	89.0	90.9	91.6	93.8	94.5	95.6	95.9	96.0	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
86.9	89.3	91.4	92.1	94.4	95.3	96.4	96.6	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
87.2	89.6	91.6	92.4	94.9	95.8	97.0	97.3	97.5	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.5	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.3	99.5	99.5	99.6	99.6	99.6	99.6	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.0	99.4	99.6	99.6	99.8	99.8	99.8	99.8	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	
87.4	89.8	92.0	92.7	95.4	96.4	97.7	98.1	98.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 825

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-91 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

46.1	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	
51.1	51.1	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
54.4	54.5	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	
55.4	55.6	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
56.3	56.5	56.7	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	
57.5	57.6	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
59.7	59.8	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	
61.7	61.8	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
64.9	65.2	65.6	65.6	65.6	65.6	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	
69.1	69.4	69.8	69.8	69.8	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
72.5	72.9	73.2	73.2	73.2	73.4	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	
74.9	75.4	75.8	75.8	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	
75.7	76.2	76.6	76.6	76.7	76.8	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
77.5	78.2	78.7	78.7	79.0	79.1	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
79.6	80.4	80.9	80.9	81.2	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
81.4	82.3	83.1	83.4	83.9	84.8	85.0	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	
84.1	85.1	85.9	86.2	86.7	87.6	87.8	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	
86.7	88.0	89.2	89.5	90.1	91.0	91.4	91.7	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	
86.9	88.2	89.5	89.8	90.5	91.4	91.8	92.1	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	
87.6	89.1	90.4	90.7	91.7	92.6	93.0	93.6	93.6	94.4	94.8	94.8	94.8	94.8	94.8	94.8	
87.8	89.8	91.2	91.4	92.6	93.7	94.2	94.9	94.9	95.6	96.0	96.0	96.0	96.0	96.0	96.0	
88.0	90.0	91.4	91.7	93.0	94.1	94.9	95.6	95.9	96.7	97.2	97.2	97.2	97.2	97.2	97.2	
88.1	90.1	91.5	91.9	93.5	94.6	95.4	96.2	96.4	97.2	97.7	97.7	97.7	97.7	97.7	97.7	
88.1	90.1	91.5	91.9	93.5	94.6	95.4	96.2	96.4	97.6	98.1	98.1	98.1	98.1	98.1	98.1	
88.1	90.1	91.5	91.9	93.5	94.6	95.5	96.3	96.5	97.7	98.3	98.3	98.3	98.3	98.3	98.3	
88.2	90.3	91.7	92.1	93.6	94.8	95.6	96.4	96.7	98.2	98.8	98.8	98.8	98.8	98.8	98.8	
88.2	90.3	91.7	92.1	93.6	94.8	95.6	96.4	96.7	98.2	98.8	99.1	99.1	99.1	99.1	99.1	
88.3	90.4	92.1	92.4	94.0	95.1	96.2	96.9	97.2	98.7	99.4	99.6	99.6	99.6	99.6	99.6	
88.3	90.4	92.2	92.6	94.1	95.3	96.3	97.1	97.3	98.8	99.6	99.9	99.9	99.9	99.9	99.9	
88.3	90.4	92.2	92.6	94.1	95.3	96.3	97.1	97.3	98.8	99.6	100.0	100.0	100.0	100.0	100.0	
88.3	90.4	92.2	92.6	94.1	95.3	96.3	97.1	97.	98.8	99.6	100.0	100.0	100.0	100.0	100.0	
88.3	90.4	92.2	92.6	94.1	95.3	96.3	97.1	97.3	98.8	99.6	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 781

USAF ETAC [illegible] 0-14-5 (C) A [illegible]

1 ...AL CLIMATOLOGY BRANCH
...FLTAC
2 AT... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...TATALINA AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2300

54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	
57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
60.2	60.4	60.5	60.5	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
61.7	61.9	62.0	62.0	62.0	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
62.3	62.5	62.6	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	
63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	
66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	
66.8	67.0	67.1	67.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	
70.9	71.3	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	
75.8	76.3	76.6	76.6	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
78.7	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	
79.6	80.0	80.3	80.3	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	
80.3	80.8	81.1	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
82.6	83.0	83.3	83.3	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
85.3	85.6	86.0	86.0	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	
86.0	86.6	87.2	87.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
86.3	86.9	87.7	87.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
88.3	88.9	89.6	89.6	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
88.6	89.5	90.2	90.4	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
89.3	90.2	91.1	91.3	94.1	94.1	94.4	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	
89.3	90.2	91.3	91.4	94.4	94.4	94.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
89.5	90.4	91.4	91.6	95.5	95.6	95.9	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	
89.6	90.7	91.7	92.0	95.9	96.2	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
89.9	91.0	92.0	92.5	96.4	96.8	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
89.9	91.0	92.0	92.5	96.4	96.8	97.4	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
89.9	91.0	92.0	92.8	97.0	97.4	98.0	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.5	
89.9	91.0	92.0	92.8	97.0	97.4	98.2	98.6	98.9	99.1	99.2	99.2	99.5	99.5	99.5	99.8	
90.1	91.1	92.2	92.9	97.1	97.6	98.3	98.8	99.1	99.2	99.4	99.4	99.7	99.7	99.7	100.0	
90.1	91.1	92.2	92.9	97.1	97.6	98.3	98.8	99.1	99.2	99.4	99.4	99.7	99.7	99.7	100.0	

TOTAL ...UMBER OF OBSERVATIONS 666

...[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73,75-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

58.9	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
61.9	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	
64.3	64.6	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	
65.1	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
65.1	65.5	65.5	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
65.5	65.8	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	
67.5	67.9	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	
68.9	69.2	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
71.7	72.1	72.8	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
76.5	77.0	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	
78.1	78.3	79.1	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
79.7	80.0	80.7	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	
81.6	81.9	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
83.6	84.1	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	
84.6	85.1	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
86.0	86.5	87.5	87.6	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
87.0	87.8	88.8	89.0	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
89.0	90.2	91.2	91.4	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
89.3	90.7	91.7	91.9	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
89.5	91.2	92.2	92.4	94.1	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
90.4	92.0	93.1	93.2	94.9	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
90.5	92.2	93.2	93.4	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
90.9	92.6	93.6	93.7	95.9	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	
91.0	93.1	94.1	94.2	96.4	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
91.3	93.1	94.1	94.2	96.4	97.5	97.6	97.8	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	
91.0	93.2	94.2	94.4	96.6	97.6	98.0	98.1	98.3	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	
91.0	93.2	94.2	94.4	97.0	98.0	98.3	98.5	98.6	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	
91.0	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	
91.0	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
91.0	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
91.0	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	
91.0	93.2	94.2	94.4	97.1	98.1	98.6	98.8	99.0	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 591

[illegible] OF A [illegible] ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
2 FETAC
USAF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

715 TATALINA AFS AK 73-81 MA

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

49.7	49.9	50.0	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
53.0	53.2	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	
55.8	55.8	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	
56.4	56.6	56.8	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1	
57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	
58.1	58.2	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	
59.9	60.2	60.4	60.5	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
61.2	61.5	61.7	61.8	61.9	61.9	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
64.9	65.3	65.5	65.7	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	
69.1	69.5	69.8	69.9	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	
71.6	72.1	72.6	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	
73.4	74.2	74.7	74.8	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
74.3	75.1	75.5	75.7	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	
76.3	77.3	77.9	78.1	78.6	78.6	78.9	79.0	79.0	79.0	79.2	79.2	79.1	79.1	79.1	79.1	
77.9	79.3	79.7	80.0	80.4	80.5	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	
79.3	80.5	81.4	81.9	82.8	83.1	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	
81.5	81.9	82.6	83.3	84.3	84.8	85.2	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	
82.5	84.2	85.4	85.9	87.3	87.9	88.8	89.1	89.1	89.3	89.4	89.4	89.5	89.5	89.5	89.5	
82.9	84.7	86.1	86.6	88.1	88.6	89.5	89.9	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.3	
83.4	85.6	87.4	87.7	89.6	90.3	91.5	92.3	92.3	92.3	92.4	92.4	92.5	92.5	92.5	92.5	
84.1	86.3	87.8	88.5	90.8	91.5	92.8	93.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	
84.5	86.8	88.3	89.1	91.6	92.5	94.0	94.7	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.4	
84.9	87.3	88.8	89.6	92.3	93.2	94.8	95.5	95.6	96.1	96.2	96.2	96.3	96.3	96.3	96.3	
85.2	87.5	89.1	89.9	92.6	93.5	95.1	95.9	96.0	96.7	96.9	96.9	97.0	97.1	97.1	97.1	
85.3	87.6	89.2	90.0	92.7	93.8	95.4	96.3	96.4	97.2	97.4	97.4	97.5	97.5	97.6	97.6	
85.4	87.6	89.2	90.1	92.8	93.9	95.6	96.5	96.7	97.7	97.9	98.0	98.2	98.2	98.3	98.3	
85.1	87.7	89.3	90.3	93.1	94.1	96.1	97.1	97.2	98.3	98.4	98.6	98.8	98.9	99.0	99.0	
85.1	87.8	89.4	90.4	93.2	94.3	96.3	97.2	97.4	98.5	98.7	98.9	99.2	99.2	99.3	99.4	
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.7	98.9	99.1	99.5	99.5	99.6	99.8	
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.8	99.1	99.3	99.7	99.7	99.8	100.0	
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.8	99.1	99.3	99.7	99.7	99.8	100.0	
85.1	87.8	89.4	90.4	93.3	94.4	96.4	97.4	97.6	98.8	99.1	99.3	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 6485

[illegible] CLIMATOLOGY BRANCH
[illegible]
2 [illegible] OF VIS/MAG

CEILING VERSUS VISIBILITY

[illegible] TATALINA AFS AK 73-81 [illegible] SEP

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1000-1200

56.6	56.6	59.7	58.7	59.7	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	
60.4	60.4	61.5	60.5	61.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
61.9	61.9	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
61.9	61.9	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	
62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
64.9	64.9	65.1	65.0	65.1	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
72.7	72.1	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	
73.3	73.7	73.9	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
76.5	76.1	76.2	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	
76.7	77.2	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	
81.2	81.9	82.4	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
82.3	83.1	83.5	83.5	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
84.9	85.6	86.1	86.1	86.5	86.8	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	
86.2	87.1	87.6	87.6	88.1	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	
87.3	88.1	88.8	88.8	89.2	89.5	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	
87.5	88.3	89.1	89.1	89.5	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
87.9	88.6	89.8	89.9	90.3	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
88.6	89.3	90.7	90.9	91.8	92.4	92.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
89.1	90.3	91.4	91.8	92.9	93.6	94.0	94.0	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
89.1	90.6	91.7	92.1	93.2	93.9	94.4	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
89.2	91.1	92.1	92.5	93.6	94.3	94.8	95.6	95.6	96.5	96.5	96.5	96.6	96.6	96.6	96.6	
89.2	91.1	92.1	92.5	93.9	94.6	96.0	96.9	96.9	97.7	97.7	97.7	98.0	98.0	98.0	98.0	
89.6	91.4	92.5	92.9	94.3	95.2	96.5	97.4	97.4	98.2	98.2	98.2	98.5	98.5	98.5	98.5	
89.6	91.4	92.5	92.9	94.3	95.2	96.5	97.5	97.5	98.5	98.8	98.8	99.0	99.0	99.0	99.0	
89.6	91.4	92.5	92.9	94.3	95.2	96.7	97.8	97.8	98.9	99.2	99.2	99.7	99.7	99.7	99.7	
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.9	99.9	100.0	100.0	
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.9	99.9	100.0	100.0	
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.9	99.9	100.0	100.0	
89.6	91.4	92.5	92.9	94.3	95.2	96.9	98.0	98.0	99.0	99.3	99.3	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 734

1 GLOBAL CLIMATOLOGY BRANCH
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFO AK 73-81 AFS
PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0500
FROM HOURLY OBSERVATIONS

52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	
55.5	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
55.8	56.0	56.1	56.1	56.1	56.1	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
57.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	
60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	
61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	
66.7	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
70.2	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
71.4	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
73.3	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
74.0	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	
78.3	78.9	79.1	79.1	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
79.9	80.6	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
82.1	83.1	83.3	83.3	83.7	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
83.5	84.7	84.9	84.9	85.3	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	
84.7	86.0	86.3	86.4	87.3	87.8	87.9	87.9	87.9	88.0	88.2	88.0	88.0	88.0	88.0	88.0	
84.8	86.2	86.4	86.5	87.4	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	
86.9	87.6	87.9	88.0	89.4	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
86.7	89.3	89.8	89.9	91.4	92.0	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	
87.8	89.9	90.4	90.6	92.2	93.0	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
88.1	90.7	91.2	91.5	93.2	94.1	94.9	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
88.3	91.0	91.5	91.7	93.5	94.4	95.4	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	
88.4	91.1	91.6	91.9	93.7	94.9	96.7	97.3	97.4	97.8	97.8	97.8	97.9	97.9	97.9	97.9	
88.5	91.4	91.9	92.1	94.0	95.2	96.9	97.5	97.7	98.2	98.1	98.1	98.4	98.4	98.4	98.4	
88.6	91.6	92.1	92.3	94.2	95.4	97.3	97.9	98.0	98.5	98.6	98.6	98.9	98.9	98.9	98.9	
88.6	91.6	92.1	92.3	94.3	95.6	97.4	98.0	98.1	98.8	99.2	99.3	99.5	99.5	99.5	99.5	
88.6	91.6	92.1	92.3	94.3	95.6	97.4	98.0	98.1	98.8	99.0	99.3	99.5	99.5	99.5	99.5	
88.6	91.6	92.1	92.3	94.3	95.6	97.4	98.0	98.1	99.1	99.4	99.6	99.9	99.9	99.9	100.0	
88.6	91.6	92.1	92.3	94.3	95.6	97.4	98.0	98.1	99.1	99.4	99.6	99.9	99.9	99.9	100.0	
88.6	91.6	92.1	92.3	94.3	95.6	97.4	98.0	98.1	99.1	99.4	99.6	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 617

1 ...RAL CLIMATOLOGY BRANCH
...ETAC
2 ...EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	
59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	
63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
69.7	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	
70.1	70.2	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	
72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
75.9	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	
77.4	78.1	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	
79.1	80.1	80.5	80.5	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
81.2	82.6	82.9	82.9	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
83.7	85.0	85.7	85.8	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
84.1	85.5	86.4	87.0	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	
84.9	86.7	87.6	88.4	89.4	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
86.1	88.0	89.1	90.0	91.0	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	
86.7	88.8	90.1	90.9	92.0	92.2	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
87.3	89.4	90.6	91.6	92.7	93.0	93.6	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	
87.6	89.7	91.1	92.2	93.7	93.9	94.6	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	
87.9	90.2	92.1	93.3	95.1	95.3	96.4	96.7	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1	
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	98.8	99.4	99.4	99.6	99.6	99.6	99.6	
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 429

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
68.7	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
70.1	70.2	70.3	70.3	70.3	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.4	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
72.2	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
75.9	76.5	76.6	76.6	76.8	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
77.4	78.1	78.2	78.2	78.4	78.5	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
79.1	80.1	80.5	80.5	80.8	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
81.2	82.6	82.9	82.9	83.3	83.4	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
83.7	85.0	85.7	85.8	86.5	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
84.1	85.5	86.4	87.0	87.9	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
84.9	86.7	87.6	88.4	89.4	89.6	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
86.1	88.0	89.1	90.0	91.0	91.2	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
86.7	88.8	90.0	90.9	92.0	92.2	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
87.3	89.4	90.6	91.6	92.7	93.0	93.6	93.7	93.7	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
87.6	89.7	91.1	92.2	93.7	93.9	94.6	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
87.6	89.7	91.5	92.7	94.3	94.6	95.3	95.6	95.6	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
87.9	90.2	92.1	93.3	95.1	95.3	96.4	96.7	96.7	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.3	97.3	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0
88.1	90.7	92.6	93.8	95.7	95.9	97.0	97.5	97.5	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 309

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2715 TATALINA AFS AK 73-01 ABR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
67.5	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
73.8	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
74.8	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
77.7	78.0	78.3	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.3	79.6	79.9	80.1	80.4	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
80.7	81.2	81.5	81.7	82.5	82.5	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
82.1	82.8	83.1	83.3	84.1	84.1	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
83.7	85.1	85.4	85.8	86.5	86.7	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
84.2	85.7	86.2	86.5	87.4	87.7	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
85.3	87.8	88.5	88.9	89.8	90.0	90.5	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
87.3	89.3	90.5	90.9	91.7	92.0	92.6	92.7	92.7	93.0	93.0	93.0	93.0	93.	93.	93.	93.
88.4	90.5	92.0	92.5	93.5	93.7	94.4	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
88.5	90.6	92.1	92.5	93.8	94.1	94.8	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
89.6	91.0	92.6	93.0	94.3	94.6	95.6	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
88.6	91.0	92.8	93.2	94.8	95.1	96.0	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.	97.	97.
88.6	91.0	93.0	93.3	94.9	95.2	96.3	96.8	96.8	97.7	97.7	97.7	97.7	97.	97.	97.	97.
88.6	91.0	93.1	93.5	95.1	95.3	96.7	97.2	97.2	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
88.6	91.1	93.3	93.7	95.3	95.6	97.0	97.5	97.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0
88.6	91.2	93.6	94.0	95.6	95.9	97.4	98.0	98.0	99.5	99.5	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 81

USAFETAC [illegible] PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
69.4	69.6	69.6	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
70.1	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
73.8	74.1	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
74.3	74.6	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
76.4	76.8	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
78.8	79.3	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
80.6	81.1	81.4	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
84.7	85.6	86.0	86.2	87.0	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
87.2	88.3	88.8	88.9	89.8	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
87.8	89.0	89.5	89.6	90.5	90.6	90.6	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
88.6	90.2	90.7	91.0	92.0	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
89.5	91.1	91.7	92.0	93.5	93.8	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
90.0	92.0	92.7	93.1	95.1	95.4	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
90.4	92.3	93.2	93.6	95.6	96.0	96.2	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
90.5	92.6	93.6	94.0	95.9	96.4	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
90.5	92.6	93.8	94.2	96.3	96.8	97.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
90.5	92.6	93.8	94.2	96.5	97.0	97.3	97.7	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
90.5	92.6	93.8	94.2	96.5	97.0	97.5	97.9	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
90.6	92.7	94.0	94.3	96.7	97.2	97.7	98.0	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	98.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0
90.6	92.7	94.2	94.6	96.9	97.4	97.9	98.3	98.4	99.0	99.3	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.8
49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3
53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.0
54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	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	54.2	54.2	54.2	54.2	54.2	54.2	54.3
55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4
58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9
60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.3
68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.8
71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9
72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.0
75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2
78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
82.5	82.6	82.7	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3
87.0	87.3	87.4	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
89.0	89.8	89.9	90.0	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
90.0	90.9	91.0	91.1	91.5	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
91.2	92.1	92.2	92.5	93.2	93.2	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8
91.6	92.5	92.6	92.8	93.8	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.6
92.2	93.2	93.3	93.7	94.7	94.8	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6
92.6	93.8	94.0	94.4	95.4	95.7	96.0	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.8	
92.6	94.0	94.1	94.6	95.6	95.8	96.2	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.2	
92.6	94.1	94.2	94.7	95.8	96.0	96.4	97.0	97.0	97.5	97.5	97.5	97.7	97.7	97.7	97.8	
92.7	94.2	94.3	94.8	96.0	96.3	96.7	97.3	97.5	98.6	98.9	98.9	99.1	99.0	99.0	99.1	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.3	99.4	99.6	99.6	99.8	99.8	99.8	99.9	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	
92.8	94.4	94.6	95.2	96.4	96.7	97.3	98.0	98.4	99.5	99.8	99.8	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 610

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 2315 TATALINA AFS AK 73-76,78-81 APR

CUMULATIVE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.7
61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
88.9	89.5	89.5	89.7	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
89.7	90.3	90.5	90.6	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
90.1	90.6	90.8	91.3	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
90.6	91.5	91.8	92.3	93.7	93.9	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
91.3	92.3	92.7	93.2	94.7	94.8	95.0	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
91.5	92.4	92.9	93.4	95.0	95.2	95.5	95.8	95.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
91.5	92.4	92.9	93.4	95.0	95.2	95.6	96.0	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
91.5	92.4	92.9	93.4	95.0	95.2	95.8	96.1	96.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
91.5	92.6	93.1	93.5	95.3	95.5	96.1	96.5	96.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
91.5	93.1	93.5	94.0	95.8	96.1	96.9	97.3	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
91.5	93.1	93.5	94.4	96.1	96.5	97.3	97.6	98.1	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
91.5	93.1	93.5	94.4	96.1	96.5	97.3	97.6	98.1	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
91.5	93.1	93.5	94.4	96.3	96.6	97.4	97.7	98.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 620

USAF ETAC [illegible] OF A PREVIOUS EDITION ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 5315 TATALINA AFS AK 75-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
83.1	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
84.9	85.3	85.7	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
88.3	88.7	89.0	89.0	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.8	89.8	89.8	89.8	89.8
88.3	89.4	89.8	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5
88.8	89.4	90.0	90.1	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	90.9	90.9	90.9
90.3	91.1	91.6	91.8	93.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9
91.1	91.8	92.6	92.8	94.2	94.4	95.0	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4
91.1	91.8	92.6	92.8	94.6	94.8	95.4	95.5	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9
91.1	91.8	92.6	92.8	94.6	94.8	95.5	95.7	95.9	96.5	96.5	96.5	96.8	96.8	96.8	96.8	96.8
91.3	92.0	92.8	92.9	95.0	95.2	95.9	96.1	96.3	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2
91.8	92.6	93.3	93.5	95.5	96.1	97.0	97.2	97.4	98.0	98.0	98.0	98.3	98.3	98.3	98.5	
91.8	92.6	93.3	93.5	95.5	96.1	97.0	97.2	97.6	98.3	98.3	98.3	98.7	98.7	98.7	98.9	
91.8	92.6	93.3	93.5	95.5	96.1	97.4	97.6	98.0	98.7	98.7	98.7	99.1	99.1	99.1	99.3	
91.8	92.6	93.3	93.5	95.5	96.5	98.0	98.1	98.5	99.3	99.3	99.3	99.6	99.6	99.6	99.8	
91.8	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.8	99.8	99.8	100.0	
91.8	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.8	99.8	99.8	100.0	
91.8	92.6	93.3	93.5	95.5	96.5	98.1	98.3	98.7	99.4	99.4	99.4	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 538

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 0315 TATALINA AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4
53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
57.1	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1
57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
61.1	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	61.3	61.3
62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
66.2	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
69.9	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
71.1	71.3	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
73.5	73.8	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
74.3	74.6	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
77.4	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
79.5	80.0	80.2	80.2	80.4	80.5	80.6	90.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
81.8	82.3	82.6	82.7	83.1	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
84.3	85.1	85.4	85.4	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
86.4	87.4	87.8	87.9	88.5	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1
86.9	88.0	88.5	88.7	89.3	89.5	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
87.8	89.1	89.6	90.0	90.8	91.1	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6
88.7	90.2	90.9	91.3	92.4	92.8	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
89.4	91.0	91.8	92.3	93.6	94.0	94.4	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.1
89.7	91.4	92.3	92.7	94.2	94.6	95.1	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
89.8	91.7	92.5	93.0	94.5	94.9	95.6	95.9	96.0	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
89.9	91.7	92.7	93.2	94.8	95.3	96.2	96.6	96.7	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4
90.0	91.9	92.9	93.4	95.1	95.6	96.5	97.0	97.1	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.1
90.1	92.1	93.1	93.6	95.4	95.9	97.0	97.5	97.6	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8
90.1	92.2	93.2	93.8	95.5	96.1	97.2	97.7	97.9	98.8	99.0	99.1	99.3	99.3	99.3	99.3	99.3
90.1	92.2	93.3	93.8	95.6	96.2	97.4	97.9	98.1	99.1	99.3	99.4	99.6	99.6	99.6	99.6	99.6
90.1	92.2	93.3	93.8	95.6	96.2	97.4	98.0	98.1	99.3	99.5	99.6	99.8	99.8	99.9	99.9	99.9
90.1	92.2	93.3	93.8	95.6	96.2	97.4	98.0	98.1	99.3	99.5	99.6	99.9	99.9	99.9	100.0	100.0
90.1	92.2	93.3	93.8	95.6	96.2	97.4	98.0	98.1	99.3	99.5	99.6	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5941

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 7715 TATALINA AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0000-0200

44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.6	44.8	44.8	44.8	44.5	44.8	44.5	
47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	
72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
74.3	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	
80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	
88.6	88.9	89.1	89.0	89.0	89.0	89.1	89.1	89.2	89.0	89.0	89.0	89.1	89.1	89.2	89.1	
91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
93.4	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	
94.3	95.0	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
95.1	95.8	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	
95.1	95.8	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	
95.6	96.3	97.0	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
96.2	96.8	97.5	97.5	97.8	97.9	99.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	
96.2	96.8	97.5	97.5	97.8	97.9	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
96.4	97.1	97.8	97.8	98.0	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
97.2	97.9	98.5	98.5	98.8	98.9	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
97.4	98.0	98.7	98.7	98.9	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
97.4	98.3	98.7	98.7	98.9	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
97.4	98.3	98.7	98.7	98.9	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
97.4	98.3	98.7	98.7	98.9	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
97.4	98.3	98.7	98.7	98.9	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 757

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

AL CLIMATOLOGY BRANCH
OF TAC
WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

CATALINA AFS AK — 70-81 — MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS — 0000-2300

41.3	41.3	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8
45.4	45.4	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
48.3	48.3	48.4	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.7
48.5	48.5	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.1
48.7	48.7	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
49.9	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4
52.3	52.3	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8
54.6	54.6	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.1
58.6	58.6	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.1
66.7	66.7	66.9	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
69.6	69.6	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1
73.7	73.7	73.9	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
76.8	76.8	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.6
85.1	85.1	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	86.0
89.1	89.2	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	90.0	90.1
90.2	90.5	90.6	90.6	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.6	91.8
91.9	91.4	91.5	91.5	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.6	92.8
92.9	93.2	93.4	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.5	94.7
92.9	93.6	93.9	93.9	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	95.2	95.4
93.3	94.0	94.2	94.2	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.3	95.5
94.1	95.0	95.2	95.2	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.3	96.5
94.5	95.3	95.6	95.6	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	97.1	97.3
95.1	95.9	96.2	96.2	96.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.7	97.9
95.7	96.5	96.8	96.8	97.5	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.6	98.8
95.9	96.6	97.0	97.0	97.7	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7	99.0	99.2
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	99.2	99.4
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.3	99.5
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.9	100.0
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.9	100.0
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.9	100.0
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.9	100.0
95.9	96.8	97.0	97.1	97.8	98.4	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 933

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

PSAC TATALINA AFS AK 73-80 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-1200

	42.4	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
	50.0	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
	50.8	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
	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	54.2	54.2	54.2
	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
	72.9	73.0	73.1	73.1	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
	76.5	76.6	76.7	76.7	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
	77.6	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.1	78.1	78.1	78.2
	83.5	83.6	83.8	83.8	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3
	85.9	86.0	86.2	86.2	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7
	87.1	87.3	87.5	87.5	87.6	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.5
	88.5	88.7	89.0	89.0	89.1	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.8	89.9
	89.7	90.3	90.6	90.8	91.0	91.2	91.6	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.0	92.1
	91.0	91.4	91.8	91.8	92.1	92.3	92.7	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.2
	91.2	91.6	92.1	92.1	92.3	92.6	92.9	93.0	93.0	93.2	93.2	93.2	93.3	93.3	93.3	93.4
	92.0	92.3	92.8	92.9	93.4	93.8	94.1	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.6
	92.4	92.8	93.3	93.5	94.0	94.4	94.7	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.2
	92.9	93.3	93.9	94.1	94.6	95.0	95.3	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.9
	93.3	93.6	94.2	94.5	95.1	95.3	95.7	96.0	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4
	93.5	94.1	95.1	95.4	96.0	96.4	96.8	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.5
	93.5	94.2	95.3	95.6	96.6	97.1	97.6	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4
	93.6	94.4	95.7	96.2	97.1	97.6	98.1	98.4	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.9
	93.8	94.5	95.9	96.4	97.4	97.8	98.3	98.7	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6
	93.8	94.5	95.9	96.4	97.4	97.8	98.3	98.7	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.6
	93.9	94.6	96.0	96.5	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.4	99.5	99.5	99.5	99.8
	93.9	94.6	96.0	96.5	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.4	99.5	99.5	99.6	100.0
	93.9	94.6	96.0	96.5	97.5	98.0	98.4	98.8	98.8	99.4	99.4	99.4	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 834

SAF ETAC [illegible]

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

CEILING VERSUS VISIBILITY

[illegible] TATALINA AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
79.1	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
84.1	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
86.8	87.1	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
88.5	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
90.3	90.8	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
91.5	91.2	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
92.1	91.8	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
92.9	94.0	94.5	94.6	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
93.3	94.6	95.3	95.6	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
94.4	95.4	96.3	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
94.4	95.8	96.6	97.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
94.5	95.9	97.0	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
94.5	96.0	97.1	97.5	98.1	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
94.6	96.0	97.1	97.5	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
94.8	96.3	97.4	97.7	98.4	98.7	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
94.8	96.3	97.5	97.8	98.6	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
94.8	96.3	97.5	97.8	98.6	98.8	99.2	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
94.8	96.3	97.5	97.8	98.6	98.8	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8
94.8	96.3	97.5	97.8	98.6	98.8	99.2	99.2	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8

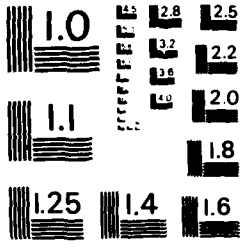
TOTAL NUMBER OF OBSERVATIONS

[illegible]

AD-A128 118 TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 388 F/G 4/2 NL

3/5



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0	≥ 0
NO CEILING	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
≥ 20000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
≥ 18000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 16000	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
≥ 14000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 12000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
≥ 10000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 9000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 8000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
≥ 7000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 6000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 5000	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 4500	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
≥ 4000	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
≥ 3500	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 3000	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2500	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1800	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1500	95.1	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.4	95.9	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	95.9	96.5	96.9	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	96.0	96.8	97.2	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800	96.2	97.0	97.6	98.0	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	96.2	97.0	97.6	98.0	98.6	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.2	97.0	97.7	98.1	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.2	97.1	98.0	98.3	98.9	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	96.2	97.1	98.1	98.4	99.0	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.3	97.5	98.4	98.8	99.4	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 834

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 MAY

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	≥5/8	≥½	≥0
UNL	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 20000	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 10000	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 5000	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
≥ 4500	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 4000	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
≥ 3500	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 3000	42.5	42.5	42.5	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 2500	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
≥ 2000	51.4	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 1800	53.2	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
≥ 1500	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
≥ 1200	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 1000	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 900	87.6	87.6	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 800	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 700	95.0	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	95.9	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	96.2	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 400	96.3	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	96.8	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	97.1	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	97.5	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	97.5	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	97.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	97.7	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 832

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 MAY

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0					
NO CEILING	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
≥ 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
≥ 18000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
≥ 16000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 14000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 12000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
≥ 10000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
≥ 9000	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 8000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 7000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 5000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 4000	86.4	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	91.7	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000	95.7	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	97.5	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500	97.7	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	97.8	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	97.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.5	99.5	99.5	99.5	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.7	99.7	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 604

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

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315 (STATION) TATALINA AFS AK (STATION NAME) 74-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	≥5/8	≥½	≥0
NO CEILING	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 20000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 16000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 14000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
≥ 12000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
≥ 10000	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 9000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 8000	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
≥ 7000	72.1	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 6000	74.1	74.3	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 5000	79.7	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4500	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 3000	94.5	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	96.0	96.2	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1800	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1500	96.7	96.9	96.9	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1200	96.9	97.4	97.4	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	97.1	97.6	97.6	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 900	97.4	98.0	98.0	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0
≥ 200	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0	98.0	98.5	98.5	98.7	99.1	99.1	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 598

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼
NO CEILING	38.7	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
≥ 20000	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3
≥ 18000	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 16000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.2
≥ 14000	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
≥ 12000	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
≥ 10000	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
≥ 9000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 8000	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 7000	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	66.3	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
≥ 5000	70.9	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 4500	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5
≥ 4000	82.4	82.5	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9
≥ 3500	87.6	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
≥ 3000	90.7	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 2500	92.4	92.7	92.9	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	93.7	94.2	94.5	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
≥ 1800	94.1	94.6	94.9	94.9	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 1500	94.4	94.9	95.2	95.3	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8
≥ 1200	95.1	95.8	96.1	96.2	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9
≥ 1000	95.4	96.2	96.5	96.7	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
≥ 900	95.9	96.7	97.1	97.3	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1
≥ 800	96.2	97.1	97.5	97.7	98.1	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
≥ 700	96.3	97.2	97.8	98.0	98.4	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	96.3	97.3	97.8	98.1	98.5	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
≥ 500	96.3	97.3	98.0	98.2	98.7	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4
≥ 400	96.4	97.4	98.1	98.3	98.7	99.0	99.2	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7
≥ 300	96.4	97.4	98.1	98.3	98.8	99.0	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8
≥ 200	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.9
≥ 100	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.9 100.0
≥ 0	96.4	97.5	98.1	98.4	98.8	99.1	99.3	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.9 100.0

TOTAL NUMBER OF OBSERVATIONS 6076

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-2200

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	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	35.5	35.7
≥ 20000	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.4
≥ 18000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
≥ 6000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8
≥ 14000	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2
≥ 12000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2
≥ 10000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9
≥ 9000	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
≥ 8000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
≥ 7000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
≥ 6000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
≥ 5000	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5
≥ 4500	71.9	72.1	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.5
≥ 4000	79.7	79.8	79.8	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2
≥ 3500	84.5	84.9	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 3000	86.9	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥ 2500	89.1	89.5	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
≥ 2000	90.0	90.5	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.3
≥ 1800	90.6	91.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
≥ 1500	91.7	92.1	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
≥ 1200	92.4	92.9	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8
≥ 1000	93.1	93.6	94.1	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 900	93.4	93.9	94.5	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 800	93.5	94.2	94.7	95.6	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 700	94.2	94.9	95.4	96.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2
≥ 600	94.6	95.3	96.0	96.8	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.8
≥ 500	94.7	95.6	96.3	97.1	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.1	98.1	98.5
≥ 400	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.7
≥ 300	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.7
≥ 200	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.9
≥ 100	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	100.0
≥ 0	95.2	96.0	97.1	97.9	98.6	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 723

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥5/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	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	34.1
≥ 20000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
≥ 18000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.1	41.1	41.1	41.1
≥ 16000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.2
≥ 14000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8
≥ 12000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3
≥ 10000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6	45.6	45.6
≥ 9000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	47.9	47.9
≥ 8000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1
≥ 7000	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1
≥ 6000	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7
≥ 5000	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
≥ 4500	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
≥ 4000	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5
≥ 3500	82.6	83.1	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7
≥ 3000	85.2	85.7	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
≥ 2500	86.7	87.5	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 2000	87.5	88.2	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2
≥ 1800	87.7	88.5	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.5	89.5	89.5	89.5
≥ 1500	88.5	89.5	90.1	90.1	90.5	90.5	90.6	90.6	90.6	90.6	90.7	90.7	90.9	90.9	90.9	90.9
≥ 1200	89.6	90.7	91.4	91.4	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1000	91.5	92.8	93.5	93.5	94.2	94.2	94.3	94.3	94.3	94.3	94.4	94.4	94.6	94.6	94.6	94.6
≥ 900	92.1	93.8	94.6	94.9	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
≥ 800	92.4	94.2	94.9	95.3	95.9	95.9	96.1	96.1	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3
≥ 700	93.0	95.1	95.8	96.2	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3
≥ 600	93.2	95.4	96.3	97.0	98.2	98.2	98.4	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.6	98.6
≥ 500	93.2	95.4	96.3	97.0	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.9	98.9	99.1	99.1
≥ 400	93.2	95.4	96.3	97.0	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.9	98.9	99.1	99.1
≥ 300	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.2	99.2
≥ 200	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.4	99.9
≥ 100	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.4	99.9
≥ 0	93.3	95.6	96.5	97.1	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	99.0	99.0	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7?2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	< ¼	≥ 2½	≥ ½	≥ 0
NO CEILING	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
≥ 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 16000	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
≥ 14000	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
≥ 12000	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
≥ 10000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 9000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
≥ 8000	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 7000	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 6000	63.6	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 5000	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	70.5	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 4000	77.1	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 3500	79.1	79.3	79.7	79.8	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 3000	81.5	81.7	82.4	82.5	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	82.5	83.0	83.8	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	83.4	83.9	84.7	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800	83.8	84.3	85.0	85.3	85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 1500	84.2	84.7	85.4	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
≥ 1200	86.7	87.5	88.3	88.6	88.7	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
≥ 1000	89.5	90.4	91.9	92.1	92.3	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
≥ 900	90.9	92.0	93.5	93.9	94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 800	91.5	92.6	94.2	94.6	94.8	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 700	91.8	93.0	94.8	95.3	95.6	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7
≥ 600	92.1	93.4	95.3	95.8	96.2	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3
≥ 500	92.3	93.9	95.8	96.3	96.7	97.1	97.5	97.8	97.8	98.0	98.0	98.0	98.4	98.4	98.7	98.7
≥ 400	92.6	94.7	96.6	97.1	97.5	97.8	98.2	98.6	98.6	98.7	98.7	98.7	99.1	99.1	99.5	99.5
≥ 300	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.6	99.6
≥ 200	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.6	99.6
≥ 100	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.6	100.0
≥ 0	92.8	94.8	96.7	97.2	97.6	98.0	98.4	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0			
NO CEILING	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 20000	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
≥ 18000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
≥ 15000	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
> 14000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 12000	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
≥ 10000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
≥ 9000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 8000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
≥ 6000	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
≥ 5000	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
≥ 4500	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 4000	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 3500	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 3000	76.6	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 2500	80.3	80.7	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2000	83.5	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 1800	84.8	85.5	85.7	85.8	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1500	87.8	88.7	88.8	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 1200	90.1	91.1	91.2	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1000	92.3	93.4	93.7	93.9	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 900	92.9	94.7	95.1	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800	93.5	95.3	95.7	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	94.0	95.9	96.6	96.8	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	94.3	96.2	96.8	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	94.5	96.8	97.6	97.8	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	94.5	97.2	98.2	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	94.5	97.2	98.2	98.5	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.9
≥ 0	94.7	97.3	98.4	98.6	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 788

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

CEILING (FEET) / VISIBILITY (STATUTE MILES)

CEILING (FEET)	≥10	6	5	4	3	2½	2	1¾	1½	1¼	1	¾	½	¼	0
≥ 22000	22.7	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
≥ 20000	25.5	25.8	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
≥ 18000	26.4	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
≥ 16000	26.8	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
≥ 14000	27.9	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
≥ 12000	28.9	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
≥ 10000	32.1	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
≥ 9000	34.3	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
≥ 8000	37.3	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
≥ 7000	40.7	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
≥ 6000	42.4	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 5000	44.5	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 4500	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 4000	60.3	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 3500	72.6	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 3000	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 2500	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 2000	88.1	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	89.2	89.6	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1500	92.0	92.5	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1200	92.9	93.7	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	93.7	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	95.7	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	95.9	97.1	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	96.1	98.0	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	96.2	98.1	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.4	98.4	99.1	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	96.4	98.5	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	96.6	98.6	99.4	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

CEILING (FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0
NO CEILING	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	24.8	24.8
≥ 20000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
≥ 18000	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
≥ 15000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
≥ 14000	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 12000	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 11000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 9000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
≥ 8000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
≥ 7000	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 6000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 5000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
≥ 4500	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 4000	69.2	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 3500	78.5	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	84.8	85.0	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2500	89.3	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000	92.0	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	93.3	93.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1500	94.7	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	96.0	96.5	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 1000	96.4	97.0	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	96.6	97.4	97.7	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	96.8	97.8	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	97.3	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.3	98.5	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.3	98.5	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.3	98.5	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 741

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2715 TATALINA AFS AK 74-76,78-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.	31.1	31.1	31.1	31.1
31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
77.5	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
81.3	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
85.9	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
88.5	89.2	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
89.4	90.5	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
92.1	93.2	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
93.4	94.5	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
94.3	95.6	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
94.5	96.0	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.5	96.0	96.3	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.9	96.9	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
94.9	96.9	97.1	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
95.2	97.1	97.4	97.8	98.5	98.5	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
95.2	97.1	97.6	98.0	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
95.2	97.1	97.6	98.0	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.2	97.1	97.6	98.0	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.2	97.1	97.6	98.0	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
95.2	97.1	97.6	98.0	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 454

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 75-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
66.3	66.0	66.3	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
87.8	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
91.1	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
91.9	93.2	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
93.4	94.8	95.0	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
93.4	94.8	95.0	95.9	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
93.8	95.4	95.7	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
94.2	96.1	96.5	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
94.4	96.3	96.7	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
94.4	96.5	96.9	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8
94.6	96.7	97.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4
94.8	96.9	97.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6
95.0	97.1	97.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
95.0	97.1	97.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0
95.0	97.1	97.5	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.3
	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2	35.2
	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
	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	37.2	37.2	37.2
	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
	63.7	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
	72.4	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
	78.6	78.9	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
	82.6	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
	85.6	86.0	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
	87.6	88.2	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
	88.4	89.0	89.3	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	90.0	90.7	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
	91.4	92.3	92.7	92.9	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
	92.9	93.8	94.4	94.7	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
	93.6	94.9	95.4	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	94.0	95.3	95.9	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
	94.4	96.0	96.7	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
	94.6	96.2	97.0	97.5	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
	94.7	96.5	97.3	97.8	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.1
	94.9	96.7	97.7	98.2	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6
	94.9	96.8	97.7	98.3	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	
	94.9	96.8	97.7	98.3	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.9	
	94.9	96.8	97.7	98.3	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.9	
	95.0	96.8	97.8	98.3	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 5555

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	2½	2	1½	1	¾	½	¼	0									
22000+	34.4	35.0	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
20000	37.1	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
18000	37.6	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
17000	37.6	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
16000	37.8	38.4	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
15000	39.2	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
14000	42.8	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
12000	44.7	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
10000	48.3	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
9000	53.6	54.8	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
8000	55.9	57.1	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
7000	61.7	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
6000	65.1	66.4	66.7	66.7	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
5000	72.0	73.5	73.7	73.7	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
4500	77.7	79.3	79.7	79.7	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
4000	83.1	85.3	85.7	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
3500	84.3	86.6	87.0	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
3000	85.0	87.7	88.1	88.1	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
2500	85.5	88.2	88.6	88.6	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2000	87.0	89.7	90.1	90.1	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1800	87.6	90.3	90.7	90.7	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1600	88.0	90.9	91.3	91.3	91.7	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
1400	88.4	91.5	92.2	92.3	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1200	88.8	92.2	92.8	93.0	93.5	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
1000	88.8	92.4	93.1	93.2	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
900	88.9	92.8	93.5	94.0	94.6	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
800	89.2	93.8	94.5	95.0	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
700	89.2	94.0	94.7	95.3	96.1	96.3	96.9	97.0	97.0	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1
600	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.5	98.5	98.5	99.2	99.2	99.2	99.2	99.2
500	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	99.6	99.6	99.7	99.7	99.7
0	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	99.9	99.9	100.0	100.0	100.0
	89.2	94.0	94.9	95.7	96.8	97.0	97.6	97.7	97.7	98.6	98.6	98.6	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	10	7	5	4	3	2½	2	1½	1	¾	½	¼	0				
25000	31.9	31.9	31.9	31.9	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
20000	35.5	35.5	35.5	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
15000	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
12000	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
10000	36.1	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
9000	37.6	37.6	37.6	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
8000	41.2	41.2	41.2	41.2	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
7000	43.7	43.7	43.7	43.7	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
6000	46.2	46.2	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
5000	52.4	52.4	52.4	52.6	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3
4500	56.8	56.8	56.8	56.9	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7	57.7
4000	63.1	63.1	63.1	63.3	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0
3500	65.1	65.3	65.3	65.4	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.1
3000	72.5	72.6	72.6	72.7	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.6
2500	76.3	76.7	76.7	76.8	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7
2000	78.8	79.3	79.3	79.5	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.4	80.4
1800	80.6	81.3	81.3	81.4	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4
1500	82.7	83.4	83.4	83.6	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6
1200	83.1	83.9	83.9	84.1	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1	85.1
1000	84.9	85.9	85.9	86.1	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.2	87.2
900	85.7	86.8	86.8	87.0	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.4	88.4
800	86.6	87.8	87.8	88.0	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.5	89.5
700	86.9	88.3	88.3	88.5	89.2	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	90.0	90.0
600	87.4	88.8	88.9	89.2	90.0	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.9	90.9	91.2	91.2
500	87.7	89.4	90.0	90.3	91.2	91.3	91.5	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.3	92.3
400	87.8	89.7	90.3	90.5	91.4	91.5	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.8	92.8	93.0	93.0
300	87.9	90.2	90.9	91.2	92.2	92.3	92.8	93.0	93.2	93.4	93.4	93.4	93.4	94.6	94.6	94.9	94.9
200	87.9	90.4	91.3	91.5	92.9	93.0	93.5	93.8	93.9	95.0	95.1	95.1	96.8	96.8	96.8	97.0	97.0
100	87.9	90.4	91.3	91.7	93.0	93.2	93.8	94.0	94.1	95.6	95.9	95.9	97.6	97.6	97.6	97.9	98.0
0	87.9	90.4	91.3	91.7	93.0	93.2	93.9	94.1	94.3	95.8	96.0	96.0	98.1	98.1	98.1	99.1	99.5
	87.9	90.4	91.3	91.7	93.0	93.2	93.9	94.1	94.3	95.8	96.0	96.0	98.5	98.5	98.5	99.6	100.0
	87.9	90.4	91.3	91.7	93.0	93.2	93.9	94.1	94.3	95.8	96.0	96.0	98.5	98.5	98.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 803

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 JUL

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	0
NO CEILING	28.5	28.6	28.6	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.4	29.4	29.4
≥ 20000	32.1	32.2	32.2	32.3	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.0	33.0
≥ 18000	32.3	32.5	32.5	32.6	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2
≥ 16000	32.7	32.8	33.0	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7
≥ 14000	32.7	32.8	33.0	33.1	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7
≥ 12000	34.1	34.2	34.3	34.5	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1
≥ 10000	38.6	38.7	38.8	38.9	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.6	39.6	39.6
≥ 9000	42.3	42.4	42.5	42.7	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3
≥ 8000	46.5	46.6	46.8	46.9	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.5	47.5	47.5
≥ 7000	52.4	52.5	52.7	53.1	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9
≥ 6000	54.2	54.5	54.7	55.1	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8
≥ 5000	60.9	61.4	61.7	62.1	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8	62.8
≥ 4500	63.4	64.2	64.4	64.8	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	65.7
≥ 4000	69.4	70.3	70.5	70.9	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8	71.8	71.8
≥ 3500	72.4	73.9	74.1	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	75.4
≥ 3000	73.6	75.2	75.5	75.9	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	76.9
≥ 2500	75.1	76.9	77.1	77.5	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 2000	76.9	78.6	78.9	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3
≥ 1800	77.5	79.2	79.5	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0
≥ 1500	79.4	81.3	81.6	82.0	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1
≥ 1200	80.5	82.6	82.8	83.2	84.0	84.2	84.3	84.3	84.3	84.5	84.5	84.6	84.8	84.8	84.8
≥ 1000	82.1	84.7	85.2	85.6	86.3	86.6	86.7	86.7	86.7	86.8	86.8	86.9	87.2	87.2	87.2
≥ 900	83.2	85.8	86.3	86.7	87.4	87.7	87.8	87.8	87.8	87.9	87.9	88.1	88.3	88.3	88.3
≥ 800	83.8	86.7	87.2	87.6	88.3	88.6	88.7	88.7	88.7	88.8	88.8	88.9	89.2	89.2	89.2
≥ 700	84.5	87.6	88.3	88.8	89.6	89.8	89.9	89.9	89.9	90.0	90.0	90.2	90.4	90.4	90.4
≥ 600	84.8	87.9	88.8	89.3	90.3	90.5	90.7	90.7	90.7	90.8	90.8	90.9	91.5	91.5	91.5
≥ 500	85.2	88.8	89.7	90.2	91.2	91.4	92.0	92.2	92.2	92.7	92.7	92.8	93.5	93.5	93.5
≥ 400	85.3	89.9	91.2	91.7	92.8	93.0	93.7	93.8	93.8	95.1	95.1	95.9	96.3	96.3	96.3
≥ 300	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	95.8	95.8	96.1	97.1	97.1	97.3	97.6
< 300	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	96.1	96.1	96.5	97.5	97.6	98.0	99.0
	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	96.3	96.3	96.6	97.9	98.1	98.6	100.0
	85.7	90.3	91.5	92.2	93.3	93.5	94.2	94.3	94.3	96.3	96.3	96.6	97.9	98.1	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 804

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 2315 TATALINA AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	0
NO CEILING	27.5	27.8	27.8	28.0	23.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
≥ 20000	31.8	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 18000	31.8	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
≥ 15000	32.6	33.2	33.2	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
≥ 14000	32.8	33.5	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
≥ 12000	34.0	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 10000	37.5	38.1	38.1	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
≥ 9000	41.3	42.1	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
≥ 8000	47.1	47.8	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
≥ 7000	53.3	54.1	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 6000	54.3	55.2	55.2	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
≥ 5000	59.7	60.5	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
≥ 4500	60.9	61.8	61.8	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
≥ 4000	63.9	64.9	64.9	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 3500	67.4	68.4	68.4	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 3000	70.7	71.7	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 2500	73.7	74.7	74.7	74.8	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 2000	76.2	77.3	77.4	77.5	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1800	78.2	79.4	79.5	79.7	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 1500	80.9	82.6	82.8	82.9	83.3	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1200	83.9	86.1	86.4	86.6	87.1	87.1	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 1000	85.6	88.0	88.5	88.8	89.5	89.6	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
≥ 900	86.9	89.5	90.0	90.4	91.1	91.3	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	87.5	90.3	90.9	91.4	92.1	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0
≥ 700	88.1	91.4	92.1	92.8	93.6	93.8	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
≥ 600	88.3	91.5	92.3	92.9	93.8	93.9	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
≥ 500	88.3	92.0	93.1	93.8	94.9	95.0	95.4	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400	88.6	93.4	94.8	95.4	96.5	96.6	97.0	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	88.6	93.6	95.1	95.9	97.0	97.1	97.5	97.9	97.9	98.5	98.5	98.5	98.6	98.6	98.6
≥ 200	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.4	99.4	99.6	99.8
≥ 100	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.5	99.5	99.9	100.0
≥ 0	88.6	93.6	95.1	95.9	97.3	97.4	97.8	98.1	98.1	99.0	99.0	99.1	99.5	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72315 TATALINA AFS AK 73-81 JUL
STATION STATION NAME YEAR MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	¾	≥½	¼	<¼	0
NO CEILING	24.4	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	24.8	24.8
≥ 20000	28.5	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
≥ 18000	28.5	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
≥ 16000	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
≥ 14000	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
≥ 12000	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
≥ 10000	34.1	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
≥ 9000	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 8000	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
≥ 7000	49.3	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 6000	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
≥ 5000	54.0	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 4500	55.8	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
≥ 4000	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
≥ 3500	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
≥ 3000	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 2500	80.9	81.3	81.3	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 2000	85.7	86.1	86.1	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	88.0	88.4	88.4	88.4	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	90.3	90.8	90.8	90.8	90.8	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1200	91.9	92.8	92.8	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1000	92.8	93.6	93.9	94.0	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 900	94.1	95.0	95.4	95.5	95.5	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800	94.4	95.6	96.4	96.5	96.8	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	94.5	96.0	96.8	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	94.5	96.0	96.8	96.9	97.1	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	94.6	96.1	97.2	97.4	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 400	94.8	96.4	97.5	97.6	98.0	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 200	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	94.8	96.6	97.8	97.9	98.4	98.9	99.5	99.6	99.6	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 803

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 2315 TATALINA AFS AK 73-74,76-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

VISIBILITY (STATUTE MILES)

CEILING (FEET)	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
[illegible]	24.0	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	24.8	24.8	24.8	24.8
20000	30.2	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
8000	30.5	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
5000	31.0	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
4400	31.2	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
3500	34.0	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
3000	37.9	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
2500	40.9	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
2200	44.2	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1800	49.8	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
1500	50.8	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
1400	55.8	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
1000	59.9	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
900	66.3	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
800	75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
700	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
600	86.7	87.6	87.6	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
500	88.0	88.9	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
450	89.6	90.4	90.4	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
400	91.2	92.2	92.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
350	93.4	94.9	95.0	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
300	94.0	95.4	95.6	95.9	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
250	94.4	96.1	96.3	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
200	94.7	97.1	97.3	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
175	94.9	97.3	97.4	97.7	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
150	95.4	98.0	98.3	98.6	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100	95.4	98.1	98.4	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
90	95.6	98.3	98.6	98.9	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
80	95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
70	95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
60	95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
50	95.6	98.3	98.6	98.9	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 701

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 74,76-81 JUL

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

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	<¼	
NO CEILING	28.4	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
≥ 20000	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
≥ 18000	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 16000	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 14000	31.6	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
≥ 12000	33.0	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
≥ 10000	38.6	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
≥ 9000	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
≥ 8000	45.9	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
≥ 7000	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 6000	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 5000	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 4500	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 4000	71.6	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 3500	79.1	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 3000	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 2500	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2000	86.9	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	88.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500	91.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	93.2	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	93.4	94.8	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 900	94.4	96.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	94.6	96.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	94.6	96.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	95.0	97.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	95.2	97.2	98.4	98.4	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 450	95.2	97.2	98.6	98.6	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 350	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
< 300	95.2	97.2	98.8	98.8	99.4	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 997

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 2315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES																
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1¾	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0	
NO CEILING	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
≥ 20000	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
≥ 18000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 16000	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
≥ 14000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
≥ 12000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
≥ 10000	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 9000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
≥ 8000	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
≥ 7000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 6000	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
≥ 5000	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 4500	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 4000	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 3500	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 3000	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 2500	85.3	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 2000	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1800	86.9	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1600	89.0	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 1400	90.9	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 1200	91.0	92.6	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	91.6	93.3	93.9	94.1	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	91.8	93.7	94.3	94.5	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	91.8	94.3	94.9	95.2	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	91.8	94.5	95.0	95.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	91.8	94.7	95.2	95.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 500	91.8	95.4	96.0	96.6	97.5	97.5	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	91.8	95.6	96.2	96.8	98.3	98.3	98.5	98.5	98.5	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0
≥ 200	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0
≥ 100	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0
≥ 0	91.8	95.6	96.2	96.8	98.5	98.5	98.7	98.7	98.7	99.4	99.6	99.6	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 525

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES) ≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0
BLOCK	28.8	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.4	29.4
XXX	32.8	33.1	33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4	33.4
BLOCK	33.1	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
XXX	33.4	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
XXX	33.5	33.9	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1
XXX	35.0	35.3	35.4	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
XXX	39.0	39.4	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7
XXX	42.2	42.6	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
XXX	46.2	46.6	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
XXX	52.5	53.0	53.1	53.2	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
XXX	54.4	54.9	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.4
XXX	60.0	60.6	60.7	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
XXX	62.7	63.4	63.4	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
XXX	68.7	69.4	69.4	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
XXX	74.1	74.9	75.0	75.1	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
XXX	78.1	79.1	79.1	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
XXX	81.0	82.1	82.2	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
XXX	83.0	84.2	84.3	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
XXX	84.2	85.5	85.6	85.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
XXX	86.3	87.7	87.9	88.0	88.3	88.4	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
XXX	87.9	89.6	89.8	89.9	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7
XXX	88.8	90.6	90.9	91.1	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0
XXX	89.6	91.6	92.0	92.3	92.7	92.9	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3
XXX	90.0	92.2	92.8	93.0	93.6	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2
XXX	90.3	92.8	93.5	93.8	94.3	94.6	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0
XXX	90.5	93.1	93.8	94.2	94.8	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.5	95.6
XXX	90.6	93.6	94.4	94.7	95.5	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.7	96.7	96.7
XXX	90.7	94.1	95.1	95.4	96.3	96.5	96.9	97.0	97.0	97.5	97.6	97.6	98.0	98.0	98.1	98.1
XXX	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.5	97.5	98.3	98.3	98.4	98.9	98.9	99.0	99.0
XXX	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.6	97.6	98.4	98.5	98.6	99.2	99.2	99.5	99.7
XXX	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.6	97.6	98.4	98.5	98.6	99.4	99.4	99.7	100.0
XXX	90.8	94.3	95.3	95.7	96.7	97.0	97.4	97.6	97.6	98.4	98.5	98.6	99.4	99.4	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5673

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2200

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2	≥1½	≥1	≥¾	≥½	≥¼	≥0	<¼	<½	<1	<2
NO CEILING	47.7	48.0	48.1	48.3	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
≥ 22000	49.9	50.2	50.3	50.5	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
≥ 18000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 17000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 14000	50.2	50.5	50.6	50.8	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 12000	50.9	51.2	51.3	51.5	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
≥ 10000	52.1	52.4	52.6	52.7	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 9000	53.1	53.4	53.5	53.7	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
≥ 8000	57.7	58.0	58.4	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
≥ 7000	63.1	63.4	63.8	63.9	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
≥ 6000	66.6	67.0	67.4	67.5	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 5000	70.2	70.6	71.0	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
≥ 4500	71.8	72.3	72.7	72.8	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 4000	78.6	79.1	79.5	79.6	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 3500	81.0	81.4	81.8	82.0	82.4	82.5	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	84.0	84.7	85.2	85.4	85.9	86.0	86.1	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500	85.7	87.1	87.5	87.8	88.2	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000	87.5	89.5	89.9	90.2	90.6	90.7	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800	87.9	89.9	90.3	90.6	91.0	91.1	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
≥ 1500	88.2	90.2	90.6	90.8	91.5	91.7	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0
≥ 1200	89.9	92.0	92.5	92.8	93.6	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1000	90.0	92.2	92.9	93.2	94.0	94.2	94.3	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	90.2	92.6	93.3	93.6	94.5	94.6	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	90.2	92.9	93.6	93.9	94.7	94.9	95.3	95.3	95.3	95.3	95.4	95.6	95.7	95.7	95.8	95.8
≥ 700	90.7	93.5	94.5	94.7	95.7	95.8	96.3	96.3	96.3	96.3	96.4	96.5	96.7	96.7	96.8	96.8
≥ 600	90.8	93.6	94.6	94.9	95.8	96.4	96.8	96.8	96.8	96.8	96.9	97.1	97.2	97.2	97.4	97.4
≥ 500	90.8	93.8	95.1	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.8	97.9	98.1	98.1	98.2	98.2
≥ 400	90.8	93.8	95.1	95.4	96.4	96.9	97.6	97.6	97.6	97.6	97.8	97.9	98.1	98.1	98.2	98.2
≥ 300	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.9	98.3	98.6	98.6	98.8	98.8
≥ 200	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.9	98.3	98.9	98.9	99.0	99.0
	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.9	98.3	99.2	99.2	100.0	100.0
	91.0	93.9	95.3	95.6	96.5	97.1	97.8	97.8	97.8	97.8	97.9	98.3	99.2	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

	37.8	38.3	38.4	38.6	38.8	38.8	38.8	38.8	38.8	39.1	39.1	39.1	39.5	39.5	39.5	39.5	
	40.8	41.3	41.4	41.6	41.8	41.8	41.8	41.8	41.8	42.1	42.1	42.1	42.5	42.5	42.5	42.5	
	41.1	41.6	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	
	41.1	41.6	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	
	41.1	41.6	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5	42.5	42.5	42.9	42.9	42.9	42.9	
	41.6	42.1	42.3	42.5	42.6	42.6	42.6	42.6	42.6	43.0	43.0	43.0	43.4	43.4	43.4	43.4	
	43.6	44.1	44.3	44.5	44.6	44.6	44.6	44.6	44.6	45.0	45.0	45.0	45.4	45.4	45.4	45.4	
	45.5	46.0	46.1	46.4	46.5	46.5	46.5	46.5	46.5	46.9	46.9	46.9	47.3	47.3	47.3	47.3	
	49.8	50.3	50.4	50.6	50.8	50.8	50.8	50.8	50.8	51.1	51.1	51.1	51.5	51.5	51.5	51.5	
	56.5	57.1	57.4	57.6	57.8	57.8	57.8	57.8	57.8	58.1	58.1	58.1	58.5	58.5	58.5	58.5	
	58.9	59.9	60.1	60.4	60.5	60.5	60.5	60.5	60.5	60.9	60.9	60.9	61.3	61.3	61.3	61.3	
	64.4	65.4	65.6	65.9	66.0	66.0	66.1	66.1	66.1	66.5	66.5	66.5	66.9	66.9	66.9	66.9	
	66.8	67.8	68.0	68.3	68.4	68.4	68.5	68.5	68.5	68.9	68.9	68.9	69.3	69.3	69.3	69.3	
	72.8	73.8	74.0	74.3	74.4	74.4	74.5	74.5	74.5	74.9	74.9	75.0	75.6	75.6	75.6	75.6	
	76.8	77.8	78.0	78.3	78.4	78.4	78.5	78.5	78.5	78.9	78.9	79.0	79.6	79.6	79.6	79.6	
	78.9	80.1	80.4	80.6	80.8	80.8	80.9	80.9	80.9	81.4	81.4	81.5	82.1	82.1	82.1	82.1	
	80.3	81.8	82.0	82.3	82.5	82.5	82.6	82.6	82.6	83.1	83.1	83.3	83.9	83.9	83.9	83.9	
	81.1	82.9	83.1	83.4	83.6	83.6	83.8	83.8	83.8	84.3	84.3	84.4	85.0	85.0	85.0	85.0	
	81.6	83.5	83.8	84.0	84.3	84.3	84.4	84.4	84.4	84.9	84.9	85.0	85.6	85.6	85.6	85.6	
	82.5	84.6	84.9	85.1	85.4	85.4	85.5	85.5	85.5	86.0	86.0	86.1	86.8	86.8	86.8	86.8	
	84.0	86.1	86.4	86.6	87.0	87.0	87.1	87.1	87.1	87.6	87.6	87.8	88.4	88.4	88.4	88.4	
	84.9	87.0	87.3	87.5	88.1	88.1	88.3	88.3	88.3	88.8	88.8	88.9	89.5	89.5	89.5	89.5	
	85.5	87.6	87.9	88.3	88.9	89.0	89.1	89.1	89.1	89.6	89.6	89.8	90.4	90.4	90.4	90.4	
	86.1	88.3	88.5	89.0	89.6	89.8	90.0	90.0	90.0	90.5	90.5	90.6	91.3	91.3	91.3	91.3	
	86.4	88.6	89.5	90.0	91.0	91.3	91.5	91.5	91.5	92.1	92.1	92.3	93.0	93.0	93.0	93.0	
	86.8	89.1	90.0	90.5	91.5	91.9	92.3	92.3	92.3	92.9	92.9	93.0	93.8	93.8	93.8	93.8	
	87.1	89.5	90.6	91.4	92.8	93.1	94.0	94.0	94.0	94.6	94.6	94.8	95.5	95.5	95.5	95.5	
	87.3	90.0	91.1	92.1	93.8	94.1	95.0	95.0	95.0	96.0	96.0	96.1	96.9	96.9	96.9	96.9	
	87.4	90.1	91.3	92.5	94.4	94.8	95.8	95.8	95.8	96.8	97.0	97.1	98.1	98.1	98.1	98.4	
	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	99.2	99.4	
	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	99.5	99.9	
	87.6	90.4	91.5	92.9	94.8	95.1	96.1	96.1	96.1	97.1	97.4	97.5	98.8	98.8	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 600

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]15 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

31.0	31.3	31.3	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	
33.3	33.7	33.7	33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	
33.7	34.1	34.1	34.2	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	
34.0	34.3	34.3	34.5	34.7	34.7	34.7	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	
34.1	34.5	34.5	34.6	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.0	35.1	35.1	35.1	35.1	
35.6	36.0	36.0	36.1	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	
39.1	39.5	39.5	39.6	40.0	40.0	40.0	40.3	40.3	40.4	40.4	40.4	40.6	40.6	40.6	40.6	
40.7	41.1	41.1	41.2	41.7	41.7	41.7	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.3	
49.3	49.7	49.7	49.8	50.3	50.3	50.3	50.7	50.7	50.8	50.8	50.8	50.9	50.9	50.9	50.9	
56.2	57.3	57.3	57.4	57.9	58.1	58.2	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	
58.8	59.2	59.2	59.3	59.8	59.9	60.0	60.4	60.4	60.5	60.5	60.5	60.7	60.7	60.7	60.7	
62.2	62.7	62.7	63.0	63.8	63.9	64.0	64.4	64.4	64.5	64.8	64.8	65.0	65.0	65.0	65.0	
63.3	63.8	63.8	64.2	64.9	65.0	65.2	65.5	65.5	65.7	65.9	65.9	66.2	66.2	66.2	66.2	
68.3	68.9	68.9	69.3	70.0	70.2	70.3	70.7	70.7	70.8	71.0	71.0	71.3	71.3	71.3	71.3	
72.0	72.7	72.7	73.0	73.8	73.9	74.0	74.4	74.4	74.5	74.8	74.8	75.0	75.1	75.0	75.0	
74.2	74.9	75.0	75.5	76.4	76.5	76.7	77.0	77.0	77.2	77.4	77.4	77.7	77.7	77.7	77.7	
75.3	76.3	76.4	76.9	77.8	77.9	78.0	78.4	78.4	78.5	78.9	78.9	79.2	79.2	79.2	79.2	
76.9	78.0	78.3	78.8	79.7	79.8	79.9	80.3	80.3	80.4	80.8	80.8	81.0	81.0	81.0	81.0	
77.5	78.7	79.0	79.5	80.4	80.5	80.6	81.0	81.0	81.1	81.5	81.5	81.8	81.8	81.8	81.8	
78.3	80.1	80.5	81.1	82.0	82.1	82.4	82.8	82.8	82.9	83.3	83.3	83.5	83.5	83.5	83.5	
81.1	83.0	83.4	84.1	85.1	85.3	85.5	85.9	85.9	86.0	86.4	86.4	86.6	86.6	86.6	86.6	
82.3	84.1	84.6	85.5	86.5	86.6	86.9	87.3	87.3	87.4	87.8	87.8	88.0	88.0	88.0	88.0	
82.8	84.6	85.6	86.5	87.6	87.8	88.0	88.4	88.4	88.5	88.9	88.9	89.1	89.1	89.1	89.1	
82.9	84.9	86.0	87.0	88.3	88.5	88.9	89.3	89.3	89.4	89.9	89.9	90.1	90.1	90.1	90.1	
83.4	85.6	87.3	88.3	89.8	90.3	90.9	91.3	91.3	91.4	91.9	91.9	92.1	92.1	92.1	92.1	
84.3	86.5	88.1	89.1	90.8	91.4	92.0	92.4	92.4	92.5	93.0	93.0	93.3	93.3	93.3	93.3	
84.6	87.3	88.9	89.9	91.9	92.5	93.1	93.9	93.9	94.0	94.5	94.5	94.9	94.9	94.9	95.3	
84.6	87.4	89.0	90.3	92.5	93.1	93.8	94.9	95.1	95.5	96.0	96.0	96.4	96.4	96.5	97.0	
84.6	87.5	89.1	90.6	92.1	93.8	94.4	95.6	96.0	96.8	97.3	97.5	97.9	97.9	98.1	98.6	
84.8	87.6	89.3	90.8	93.3	93.9	94.5	95.8	96.1	96.9	97.4	97.6	98.5	98.5	99.1	99.8	
84.8	87.6	89.3	90.8	93.3	93.9	94.6	95.9	96.3	97.0	97.5	97.9	98.8	98.8	99.4	100.0	
84.8	87.6	89.3	90.8	93.3	93.9	94.6	95.9	96.3	97.0	97.5	97.9	98.8	98.8	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 601

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 715 TATALINA AFS AK 73-31 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0900-1100

33.1	33.1	33.1	33.1	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	
36.5	36.5	36.5	36.5	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	
37.6	37.6	37.6	37.6	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	
37.8	37.8	37.8	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	
38.5	38.6	38.6	38.6	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.1	
40.6	40.7	40.7	40.7	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	
43.8	43.9	43.9	43.9	44.2	44.3	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.8	
45.7	45.8	45.8	45.6	46.1	46.2	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.7	
53.1	53.2	53.2	53.2	53.4	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.1	
60.2	60.4	60.4	60.4	60.7	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	
62.5	62.8	62.9	62.9	63.3	63.4	63.4	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	
64.7	65.0	65.2	65.2	65.7	65.8	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	
65.4	65.8	65.9	65.9	66.4	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	
69.3	69.8	69.9	69.9	70.4	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	
71.2	71.7	71.8	71.8	72.3	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	
72.5	73.3	73.5	73.5	74.0	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.7	
73.9	74.8	75.0	75.0	75.5	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	
77.3	78.2	78.4	78.4	78.9	79.0	79.0	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	
78.5	79.4	79.7	79.7	80.1	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8	
81.4	82.3	82.5	82.5	83.0	83.1	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	
84.6	85.5	85.8	85.9	86.6	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	
86.0	86.9	87.1	87.3	88.0	88.1	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.2	
87.9	89.0	89.5	89.6	90.4	90.5	90.6	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.4	
89.2	90.3	91.1	91.3	92.0	92.1	92.3	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.1	
89.5	91.0	92.1	92.4	93.3	93.5	93.6	94.1	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.6	
90.6	92.6	93.8	94.0	95.4	95.8	96.0	96.5	96.5	96.6	97.0	97.0	97.0	97.0	97.0	97.1	
91.0	93.4	94.5	94.9	96.3	96.6	96.9	97.4	97.4	97.5	97.9	97.9	98.0	98.0	98.0	98.1	
91.3	93.6	94.8	95.1	97.4	97.8	98.0	98.5	98.6	98.8	99.1	99.1	99.4	99.4	99.4	99.5	
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	99.0	99.5	99.5	99.8	99.8	99.8	99.9	
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	99.0	99.5	99.5	99.8	99.8	99.9	100.0	
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	99.0	99.5	99.5	99.8	99.8	99.9	100.0	
91.3	93.9	95.0	95.4	97.6	98.0	98.3	98.8	98.9	99.0	99.5	99.5	99.8	99.8	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 821

USAF ETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2715 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

28.9	28.9	28.9	28.9	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	
32.5	32.5	32.5	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	
33.4	33.4	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
33.4	33.4	33.4	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	
33.5	33.5	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	
35.1	35.1	35.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	
37.5	37.5	37.5	37.5	37.9	37.9	38.1	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	
39.8	39.8	39.8	39.8	40.1	40.1	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	
44.4	44.5	44.5	44.5	44.9	44.9	45.1	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
49.5	49.6	49.6	49.6	50.1	50.1	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	
52.9	53.0	53.0	53.0	53.5	53.5	53.8	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	
55.5	55.6	55.6	55.6	56.1	56.3	56.6	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	
57.0	57.1	57.1	57.1	57.6	57.8	58.1	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
62.5	62.6	62.6	62.6	63.1	63.3	63.6	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	
68.8	68.9	68.9	68.9	69.4	69.5	69.9	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	
74.6	74.8	74.8	74.8	75.3	75.4	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	
80.6	80.8	80.8	80.8	81.3	81.4	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	
85.3	85.4	85.4	85.4	85.9	86.0	86.4	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	
86.4	86.5	86.5	86.5	87.0	87.1	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	
88.6	88.9	88.9	89.0	89.6	89.8	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	
90.6	90.9	90.9	91.0	91.6	91.8	92.1	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
91.1	91.4	91.4	91.5	92.1	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
92.5	93.5	93.9	94.3	94.9	95.0	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	
93.4	94.5	94.9	95.3	96.0	96.1	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	
93.5	94.6	95.1	95.5	96.4	96.5	96.9	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	
94.1	95.3	96.1	96.5	97.4	97.5	97.9	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
94.1	95.5	96.5	97.0	97.9	98.0	98.4	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
94.3	95.6	96.6	97.3	98.4	98.5	98.9	99.1	99.1	99.4	99.4	99.5	99.9	99.9	99.9	99.9	
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	
94.3	95.8	96.8	97.4	98.5	98.6	99.0	99.3	99.3	99.5	99.5	99.6	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 800

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

	29.8	30.3	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	30.4
	32.6	33.4	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
	34.0	34.8	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.3	34.8	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.0	34.8	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.5	35.3	35.3	35.4	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
	38.5	39.3	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8
	40.4	41.2	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7
	46.0	46.8	46.8	47.0	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3
	52.0	52.7	52.7	53.0	53.2	53.2	53.2	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7
	55.4	56.5	56.5	56.8	56.9	56.9	56.9	56.9	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4
	59.0	60.2	60.2	60.5	60.7	60.7	60.7	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2
	60.1	61.3	61.3	61.6	61.8	61.8	61.8	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	65.5	66.9	66.9	67.2	67.4	67.4	67.4	67.4	67.4	67.9	67.9	67.9	67.9	67.9	67.9	67.9
	73.3	74.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7
	80.8	82.2	82.2	82.5	82.7	82.7	82.7	82.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2
	85.3	86.7	86.7	87.1	87.7	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1
	88.1	89.7	89.7	90.2	90.8	90.8	90.8	90.8	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3
	89.2	90.8	90.8	91.3	91.9	91.9	91.9	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4
	90.5	92.0	92.0	92.5	93.4	93.4	93.4	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9
	91.6	93.1	93.1	93.8	94.7	94.7	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	91.6	93.1	93.1	93.8	94.7	94.7	94.7	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	93.4	95.9	95.9	96.6	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
	93.6	96.1	96.1	96.7	97.8	97.8	97.8	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	93.6	96.3	96.3	96.9	98.1	98.1	98.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
	93.6	96.4	96.4	97.2	98.4	98.4	98.4	98.4	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9
	93.6	96.4	96.4	97.2	98.4	98.4	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.2
	93.8	96.6	96.6	97.3	98.6	98.6	98.8	98.8	98.8	99.2	99.2	99.2	99.5	99.7	99.7	99.7
	93.8	96.6	96.6	97.3	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.8	100.0	100.0	100.0
	93.8	96.6	96.6	97.3	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.8	100.0	100.0	100.0
	93.8	96.6	96.6	97.3	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.8	100.0	100.0	100.0
	93.8	96.6	96.6	97.3	98.8	98.8	99.1	99.1	99.1	99.5	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 691

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 23 45 TATALINA AFS AK 73-74,76-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2200

35.4	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
38.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
38.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
39.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
39.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
39.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
41.1	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
43.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
49.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
56.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
59.4	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
63.3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
65.1	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
73.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
81.7	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
86.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
89.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
90.8	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
91.2	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
91.7	94.3	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
92.5	95.0	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
92.8	95.4	95.6	95.6	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
94.1	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
94.1	97.1	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
94.1	97.1	97.4	97.4	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
94.1	97.1	97.4	97.4	97.8	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0
94.1	97.1	97.8	97.8	98.5	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 585

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7221[illegible] TATALINA AFS AK 75-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

42.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	
45.7	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
46.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
48.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
49.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	
55.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	
62.9	64.1	64.1	64.1	64.1	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
66.0	67.5	67.5	67.5	67.5	67.5	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
71.1	72.6	72.6	72.6	72.6	72.6	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	
72.8	74.3	74.3	74.3	74.3	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
79.8	80.5	80.5	80.5	80.5	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
83.0	84.9	85.1	85.3	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	
86.2	88.1	88.3	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
87.9	90.4	90.5	90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
88.7	91.1	91.3	91.5	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
89.4	91.9	92.1	92.2	92.2	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	
89.6	92.1	92.2	92.4	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	
90.0	92.4	92.8	93.2	93.2	93.2	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
90.9	93.4	93.8	94.1	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
91.5	94.5	94.9	95.3	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
91.7	94.7	95.1	95.5	95.8	96.4	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
91.9	95.1	95.5	95.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
91.9	95.1	95.5	95.8	96.8	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	
91.9	95.1	95.8	96.2	97.2	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	99.1	99.1	
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.4	99.4	
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.4	99.4	
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	99.4	99.4	
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.2	100.0	100.0	
91.9	95.1	95.8	96.2	97.4	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.1	99.2	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 529

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

CEILING (FEET)	0	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10
NO CEILING	35.5	35.9	35.9	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.3	36.3		
20000	38.4	38.9	38.9	39.0	39.2	39.2	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3		
15000	39.1	39.6	39.6	39.7	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.0	40.1	40.1	40.1	40.1		
10000	39.2	39.7	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.1	40.1	40.1	40.2	40.2	40.2	40.2		
9000	39.3	39.8	39.8	39.9	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.3	40.3	40.3		
8000	40.3	40.8	40.8	40.9	41.1	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3		
7000	42.8	43.3	43.3	43.4	43.7	43.7	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.1		
6000	44.6	45.1	45.2	45.2	45.5	45.5	45.5	45.7	45.7	45.8	45.8	45.8	45.9	45.9	45.9	45.9		
5000	50.4	51.0	51.0	51.1	51.3	51.4	51.4	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.8		
4500	57.0	57.6	57.7	57.8	58.1	58.1	58.2	58.4	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.6		
4000	59.8	60.6	60.7	60.8	61.1	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.6	61.6	61.6	61.6		
3500	63.5	64.3	64.4	64.5	64.8	64.9	65.1	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5		
3000	65.0	65.8	65.9	66.0	66.4	66.4	66.6	66.7	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0		
2500	70.7	71.6	71.7	71.8	72.2	72.2	72.4	72.5	72.5	72.7	72.7	72.8	72.9	72.9	72.9	72.9		
2200	75.4	76.3	76.4	76.5	76.9	76.9	77.1	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.6	77.6		
2000	79.0	80.0	80.2	80.4	80.7	80.8	81.0	81.1	81.1	81.3	81.3	81.4	81.5	81.5	81.5	81.5		
1800	81.6	82.9	83.1	83.3	83.7	83.8	83.9	84.1	84.1	84.2	84.3	84.3	84.5	84.5	84.5	84.5		
1600	83.8	85.3	85.5	85.7	86.1	86.2	86.3	86.5	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9		
1400	84.6	86.1	86.3	86.5	86.9	87.0	87.2	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.7		
1200	85.8	87.4	87.7	87.9	88.4	88.5	88.7	88.8	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2		
1000	87.6	89.3	89.5	89.8	90.5	90.5	90.7	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.3		
900	88.3	90.0	90.3	90.6	91.3	91.3	91.5	91.7	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1		
800	89.3	91.4	91.8	92.2	92.9	93.0	93.2	93.4	93.4	93.5	93.6	93.7	93.8	93.8	93.8	93.8		
700	89.8	91.9	92.4	92.8	93.6	93.8	94.0	94.2	94.2	94.4	94.5	94.5	94.7	94.7	94.7	94.7		
600	90.0	92.3	93.1	93.5	94.5	94.8	95.1	95.2	95.2	95.4	95.6	95.6	95.8	95.8	95.8	95.8		
500	90.5	92.9	93.7	94.1	95.2	95.6	95.9	96.1	96.1	96.3	96.4	96.5	96.6	96.6	96.6	96.7		
450	90.7	93.2	94.2	94.7	95.9	96.3	96.8	97.0	97.0	97.2	97.4	97.4	97.6	97.7	97.8	97.8		
400	90.7	93.3	94.3	95.0	96.4	96.8	97.3	97.6	97.6	97.9	98.1	98.1	98.4	98.5	98.6	98.7		
350	90.8	93.4	94.4	95.1	96.7	97.1	97.6	97.9	97.9	98.3	98.5	98.6	99.0	99.1	99.2	99.3		
300	90.8	93.5	94.5	95.2	96.8	97.1	97.7	97.9	98.0	98.4	98.6	98.7	99.2	99.3	99.5	99.7		
250	90.8	93.5	94.5	95.2	96.8	97.1	97.7	98.0	98.0	98.4	98.6	98.7	99.3	99.4	99.8	100.0		
200	90.8	93.5	94.5	95.2	96.8	97.1	97.7	98.0	98.0	98.4	98.6	98.7	99.3	99.4	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 5638

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2715 TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

	43.3	43.3	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	
	44.3	44.5	44.7	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	
	45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
	45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
	45.5	45.8	45.9	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
	46.4	46.6	46.8	46.8	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
	49.0	49.3	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
	49.9	50.1	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
	52.7	52.9	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
	56.6	56.9	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
	58.8	59.1	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	
	61.3	61.6	61.9	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
	63.9	64.1	64.6	65.0	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
	70.3	70.6	71.0	71.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
	73.7	74.4	74.8	75.2	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
	76.8	77.7	78.2	78.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	
	78.9	80.0	80.4	80.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
	81.5	83.1	83.5	83.9	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	
	83.5	85.3	85.7	86.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	
	84.2	86.3	86.7	87.1	88.4	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
	85.4	88.0	88.4	88.8	90.1	90.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	
	86.1	89.1	89.5	89.9	91.6	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	
	86.4	89.4	89.8	90.2	92.2	92.3	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	
	86.4	89.4	90.1	90.5	92.4	92.6	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	
	86.8	89.8	90.5	90.9	93.0	93.1	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	
	87.3	90.2	90.9	91.5	93.8	94.0	95.7	95.8	95.8	96.1	96.2	96.2	96.2	96.2	96.4	96.4	
	87.4	90.3	91.2	91.7	94.3	94.4	96.1	96.2	96.2	96.6	96.8	96.8	96.9	96.9	97.1	97.1	
	87.5	90.6	91.5	92.0	94.8	95.0	96.9	97.1	97.1	98.2	98.3	98.3	98.5	98.5	98.6	98.6	
	87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.2	99.2	99.3	99.6	
	87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.4	99.4	99.6	99.9	
	87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.4	99.4	99.7	100.0	
	87.5	90.6	91.5	92.0	94.8	95.0	97.1	97.3	97.3	98.9	99.0	99.0	99.4	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 714

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

	38.1	38.3	38.3	38.4	38.4	38.4	38.5	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
	39.2	39.3	39.3	39.5	39.5	39.5	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	
	40.4	40.6	40.6	40.8	40.8	40.8	40.9	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
	40.6	40.7	40.7	40.9	40.9	40.9	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	
	40.7	40.8	40.8	41.1	41.1	41.1	41.2	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	
	42.0	42.1	42.1	42.4	42.4	42.4	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	
	44.4	44.5	44.5	44.8	44.8	44.8	44.9	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	
	46.2	46.3	46.3	46.6	46.6	46.6	46.7	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
	51.1	51.2	51.2	51.6	51.7	51.7	51.9	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	
	56.6	56.7	56.7	57.1	57.3	57.3	57.4	57.5	57.5	57.6	57.6	57.8	57.8	57.8	57.8	57.8	
	58.0	58.2	58.2	58.5	58.7	58.7	58.8	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2	59.2	
	60.3	60.7	60.7	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	
	62.9	63.3	63.3	63.7	64.2	64.2	64.3	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	
	68.5	69.1	69.1	69.4	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.5	70.5	70.5	70.5	70.5	
	70.3	71.6	71.8	72.3	72.9	72.9	73.0	73.2	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	
	73.4	75.1	75.4	75.9	76.9	76.9	77.0	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	
	75.3	76.6	77.0	77.5	78.6	78.7	78.8	78.9	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	
	77.3	79.3	79.8	80.4	82.0	82.2	82.4	82.5	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	
	78.4	80.7	81.3	81.8	83.4	83.6	83.8	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	
	79.6	82.4	83.2	83.8	85.6	85.8	86.1	86.3	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	
	81.1	84.1	84.9	85.5	87.3	87.5	88.2	88.3	88.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	
	82.8	86.3	87.0	87.7	89.5	89.7	90.6	91.0	91.0	91.1	91.1	91.3	91.3	91.3	91.3	91.3	
	82.9	86.4	87.2	87.8	89.6	89.9	91.1	91.5	91.5	91.7	91.7	91.8	91.8	91.8	91.8	91.8	
	83.4	87.0	87.8	88.4	90.2	90.5	91.8	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	
	83.7	87.3	88.1	88.7	90.9	91.1	92.6	93.3	93.3	93.5	93.5	93.6	93.6	93.6	93.6	93.6	
	84.0	87.5	88.6	89.6	91.8	92.3	93.7	94.5	94.5	94.6	94.6	94.7	94.9	94.9	94.9	94.9	
	84.1	87.9	89.1	90.1	93.1	93.6	95.0	95.8	95.8	96.0	96.1	96.3	96.4	96.4	96.7	96.7	
	84.5	88.4	89.7	90.8	93.8	94.6	96.0	96.8	96.8	97.0	97.2	97.3	97.7	97.7	97.9	97.9	
	84.5	88.4	89.7	90.8	93.8	94.6	96.1	96.9	96.9	97.3	97.4	97.6	98.3	98.3	98.6	98.7	
	84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	98.8	98.8	99.1	99.2	
	84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	99.2	99.2	99.5	100.0	
	84.7	88.7	90.0	91.0	94.1	94.9	96.4	97.2	97.2	97.6	97.7	97.8	99.2	99.2	99.5	100.0	

TOTAL NUMBER OF OBSERVATIONS 779

USAF CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-2800

30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	
32.3	32.4	32.4	32.4	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	
33.7	33.8	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
33.7	33.8	33.8	34.0	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	
34.4	34.5	34.5	34.6	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
35.2	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
38.7	38.8	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	
40.5	40.6	40.6	40.7	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	
43.9	44.2	44.3	44.4	44.7	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	
51.5	52.0	52.1	52.2	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	
53.5	54.0	54.2	54.3	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	
56.6	57.6	57.7	57.9	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	
59.0	60.2	60.3	60.4	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	
62.5	63.6	63.7	63.9	64.6	64.6	64.9	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	
65.6	66.9	67.2	67.3	68.3	68.3	68.6	68.6	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	
69.0	70.5	71.3	71.4	72.7	72.7	72.9	72.9	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	
69.9	71.4	72.2	72.3	73.8	73.8	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	
72.0	73.7	74.7	75.0	76.5	76.5	76.9	76.9	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	
72.3	74.1	75.1	75.5	77.0	77.0	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	
74.5	76.5	77.8	78.2	79.7	79.7	80.1	80.1	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	
76.8	79.7	81.0	81.5	83.1	83.4	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.2	84.2	84.2	
77.5	80.6	82.0	82.5	84.3	84.7	85.1	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.7	85.7	85.7	
78.5	81.6	83.3	83.9	85.7	86.1	86.7	86.8	86.8	87.2	87.2	87.2	87.4	87.4	87.7	87.7	87.7	
79.3	82.5	84.2	84.9	86.7	87.1	88.0	88.1	88.1	88.5	88.5	88.5	88.6	88.6	89.0	89.0	89.0	
80.1	83.3	85.1	86.1	88.4	88.8	90.3	90.4	90.4	90.8	90.8	90.8	90.9	90.9	91.3	91.3	91.3	
80.1	83.9	86.0	87.0	89.5	90.0	92.0	92.1	92.1	92.5	92.5	92.5	92.6	92.6	93.0	93.0	93.0	
80.6	84.5	86.6	87.7	90.7	91.3	93.2	93.5	93.5	94.1	94.1	94.1	94.5	94.5	94.9	94.9	94.9	
81.0	84.9	87.0	88.1	91.1	91.7	93.6	93.9	93.9	94.8	94.8	94.8	95.1	95.1	95.5	95.5	95.5	
81.1	85.1	87.2	88.4	91.4	92.1	94.1	94.5	94.5	95.5	96.0	96.0	96.7	96.7	97.2	97.2	97.2	
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.7	97.3	97.3	98.3	98.3	99.0	99.1		
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.8	97.4	97.4	98.6	98.6	99.4	100.0		
81.2	85.4	87.7	88.9	92.3	93.0	95.0	95.4	95.4	96.8	97.4	97.4	98.6	98.6	99.4	100.0		

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	32.1	32.1	
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	34.7	35.0	35.0	
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	35.9	36.1	36.1	
35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.3	36.3	
36.0	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.4	36.4	
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	37.3	37.3	
39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	40.1	40.1	
41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.7	41.7	
45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1	46.1	
53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.7	53.7	
55.5	55.5	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	
57.8	57.9	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.8	58.8	
60.2	60.4	60.8	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.3	61.3	
63.4	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.5	64.5	
66.8	67.0	67.7	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.4	68.4	
68.7	69.3	70.1	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.9	70.9	
69.7	70.4	71.1	71.2	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9	
72.0	73.2	73.9	74.0	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	
72.6	73.8	74.6	74.7	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4	75.4	
75.2	76.3	77.6	77.7	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.5	78.5	
78.2	80.3	81.7	82.3	82.6	82.6	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.2	83.2	
79.1	81.4	83.1	83.8	84.2	84.5	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.2	85.2	
80.5	83.1	85.0	85.8	86.4	86.6	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.4	87.4	
81.4	84.1	86.3	87.2	87.9	88.2	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.4	89.4	
82.7	85.4	87.8	88.8	89.6	89.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.5	91.5	
83.3	85.6	88.0	89.3	90.3	90.6	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.5	92.5	
83.8	86.5	88.9	90.2	91.6	91.9	93.6	94.0	94.0	94.4	94.4	94.4	94.5	94.7	94.9	94.9	
84.6	87.4	89.9	91.2	92.7	93.0	94.9	95.4	95.4	95.9	95.9	95.9	96.1	96.2	96.6	96.6	
84.9	88.3	90.8	92.4	94.1	94.5	96.6	97.1	97.1	97.6	97.6	97.8	98.0	98.1	98.7	98.7	
84.9	88.3	91.1	92.6	94.7	95.0	97.2	97.7	97.8	98.5	98.6	98.9	99.0	99.1	100.0	100.0	
84.9	88.3	91.1	92.6	94.7	95.0	97.2	97.7	97.8	98.5	98.6	98.9	99.0	99.1	100.0	100.0	
84.9	88.3	91.1	92.6	94.7	95.0	97.2	97.7	97.8	98.5	98.6	98.9	99.0	99.1	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 786

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2345 TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1200-1400

33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
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	35.5	35.5	35.5
36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
58.7	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	59.1	59.1	59.1
60.7	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
63.3	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
66.2	67.0	67.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
69.7	70.6	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
73.4	74.4	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
77.6	78.8	78.9	78.9	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
79.8	81.1	81.2	81.2	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
81.5	82.9	83.0	83.0	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
84.3	86.4	86.6	86.6	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
85.2	87.7	87.9	87.9	88.5	88.7	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
87.9	90.4	90.9	90.9	91.8	92.1	92.5	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
88.6	91.2	91.8	92.1	93.0	93.2	93.6	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
89.6	92.2	93.0	93.4	94.8	95.1	95.7	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
90.2	92.7	93.6	94.1	95.7	96.0	96.8	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
90.4	93.0	93.9	94.4	95.9	96.3	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
90.5	93.5	94.6	95.3	96.9	97.3	98.2	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
90.5	93.5	94.6	95.5	97.3	97.7	98.6	98.7	98.7	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4
90.5	93.5	94.6	95.5	97.3	97.7	98.6	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
90.5	93.5	94.6	95.5	97.3	97.7	98.6	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
90.5	93.5	94.6	95.5	97.3	97.7	98.6	99.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 6345 TATALINA AFS AK 73-74,76-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3
37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
57.2	57.2	57.2	57.2	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
61.6	61.8	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
67.2	67.7	67.7	67.7	67.8	67.8	67.8	66.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
71.6	72.2	72.2	72.2	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
74.7	75.3	75.3	75.3	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
81.0	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
84.5	85.7	85.7	85.7	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
86.2	87.4	87.4	87.4	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
88.3	89.7	89.7	89.8	90.3	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
90.1	91.7	91.8	92.0	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
90.9	92.4	92.7	92.9	93.6	93.8	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
92.3	94.1	94.5	95.1	96.1	96.2	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
92.9	94.7	95.1	95.8	96.7	96.8	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
93.0	94.8	95.3	95.9	97.0	97.3	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
93.0	94.8	95.3	95.9	97.1	97.4	97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
93.0	95.1	95.6	96.2	97.4	97.7	98.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
93.0	95.1	95.6	96.2	97.4	97.7	98.6	98.9	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5
93.0	95.1	95.6	96.2	97.4	97.7	98.6	98.9	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
93.0	95.1	95.6	96.2	97.4	97.7	98.6	98.9	98.9	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
93.0	95.1	95.6	96.2	97.4	97.7	98.6	98.9	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0
93.0	95.1	95.6	96.2	97.4	97.7	98.6	98.9	98.9	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 27,S TATALINA AFS AK 73-74,76-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2200

35.9	35.9	35.9	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
37.7	37.7	37.7	37.7	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
38.6	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
40.1	40.1	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
41.4	41.4	41.4	41.4	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	
53.4	53.4	53.4	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	
72.1	72.8	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	
75.8	76.5	76.7	76.7	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	
79.1	80.4	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	
82.1	83.4	83.5	83.5	84.1	84.1	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
83.0	84.3	84.5	84.5	85.0	85.0	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	
85.8	87.1	87.2	87.2	88.0	88.0	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	
88.7	90.2	90.4	90.4	91.1	91.1	91.9	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	
89.3	91.1	91.3	91.5	92.2	92.2	93.0	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	
90.0	92.2	92.4	92.6	93.5	93.5	94.3	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
90.8	93.0	93.2	93.3	94.3	94.3	95.0	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	
91.9	94.3	94.5	94.6	95.7	95.7	96.5	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
92.1	94.5	94.6	94.8	96.1	96.1	96.9	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	
92.1	94.5	94.6	94.8	96.1	96.1	97.2	97.4	97.4	97.8	97.8	97.8	98.2	98.2	98.2	98.2	
92.1	94.5	94.6	94.8	96.1	96.5	97.8	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.7	
92.1	94.5	94.6	94.8	96.1	96.5	97.8	98.3	98.3	99.3	99.3	99.3	99.8	99.8	99.8	100.0	
92.1	94.5	94.6	94.8	96.1	96.5	97.8	98.3	98.3	99.3	99.3	99.3	99.8	99.8	99.8	100.0	
92.1	94.5	94.6	94.8	96.1	96.5	97.8	98.3	98.3	99.3	99.3	99.3	99.8	99.8	99.8	100.0	
92.1	94.5	94.6	94.8	96.1	96.5	97.8	98.3	98.3	99.3	99.3	99.3	99.8	99.8	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 9719 TATALINA AFS AK 75-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE 2100-2300
FROM HOURLY OBSERVATIONS

40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	
43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	
44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	
44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	
45.6	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
48.8	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.2	49.0
51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
62.1	62.1	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
63.5	63.5	63.7	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
68.3	68.3	68.5	68.8	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
74.4	74.4	74.6	75.0	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
77.8	77.8	78.0	78.4	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.6
80.2	80.4	80.6	81.0	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
83.3	84.1	84.3	84.7	84.9	85.5	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1
84.3	85.5	85.7	86.1	86.3	86.9	87.3	87.3	87.5	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7
85.7	87.3	87.5	87.9	88.1	88.7	89.1	89.1	89.3	89.3	89.3	89.3	89.5	89.5	89.5	89.5	89.5
86.5	88.1	88.3	88.7	88.9	89.5	90.1	90.1	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5
86.7	88.5	88.7	89.1	89.7	90.3	91.1	91.1	91.3	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5
87.1	89.1	89.3	89.7	90.7	91.3	92.1	92.1	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
87.1	89.1	89.3	89.7	90.7	91.3	92.3	92.3	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7
88.1	90.1	90.5	90.9	92.1	92.9	94.2	94.2	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6
88.5	90.7	91.3	91.7	93.1	93.8	95.2	95.2	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6
88.5	90.7	91.3	91.7	93.1	94.0	96.0	96.0	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6
88.7	90.9	91.5	91.9	93.5	94.4	96.6	97.0	97.2	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0
88.7	90.9	91.5	91.9	93.5	94.4	96.6	97.0	97.2	98.0	98.0	98.0	98.2	98.2	98.2	98.2	98.2
88.7	90.9	91.5	91.9	93.7	94.6	96.8	97.2	97.4	98.6	98.6	98.6	99.4	99.4	99.4	100.0	100.0
88.7	90.9	91.5	91.9	93.7	94.6	96.8	97.2	97.4	98.6	98.6	98.6	99.4	99.4	99.4	100.0	100.0
88.7	90.9	91.5	91.9	93.7	94.6	96.8	97.2	97.4	98.6	98.6	98.6	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 504

USAFETAC [illegible] OLD A [illegible]

...AL CLIMATOLOGY BRANCH
...ETHO
2 ... WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

...315 TATALINA AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
38.8	38.8	38.9	39.0	39.0	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
38.8	38.9	39.0	39.0	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	
39.1	39.2	39.3	39.3	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
40.3	40.4	40.4	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7	
42.7	42.8	42.8	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.1	43.1	
44.5	44.5	44.6	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	
48.0	48.1	48.1	48.2	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	
54.4	54.5	54.6	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	
56.9	57.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	
59.6	59.9	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
61.7	62.1	62.2	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.6	62.8	62.8	62.9	62.9
65.9	66.3	66.5	66.7	67.0	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
69.7	70.5	70.7	70.9	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	
72.8	73.7	74.1	74.3	74.9	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	
75.4	76.5	76.8	77.0	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.1	
78.3	79.7	80.1	80.3	81.2	81.2	81.5	81.5	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	
79.5	81.0	81.5	81.7	82.6	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	
81.3	83.0	83.6	83.9	84.8	84.9	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.5	85.5	
83.4	85.6	86.2	86.6	87.5	87.7	88.2	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	
84.2	86.8	87.4	87.8	88.9	89.1	89.7	89.8	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	
85.3	87.9	88.8	89.2	90.5	90.7	91.4	91.6	91.6	91.8	91.8	91.8	91.9	91.9	92.0	92.0	
85.9	88.5	89.5	90.0	91.3	91.5	92.4	92.6	92.6	92.8	92.8	92.6	92.9	92.9	93.0	93.0	
86.6	89.2	90.3	90.9	92.5	92.6	93.8	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.4	94.4	
86.8	89.7	90.8	91.5	93.2	93.6	94.8	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.5	95.5	
87.1	90.0	91.2	91.9	93.9	94.3	95.7	96.0	96.0	96.4	96.4	96.4	96.6	96.6	96.8	96.8	
87.4	90.4	91.6	92.4	94.5	94.9	96.5	96.8	96.8	97.4	97.4	97.5	97.7	97.7	97.9	97.9	
87.4	90.5	91.8	92.6	94.8	95.3	96.9	97.3	97.3	98.1	98.2	98.2	98.6	98.6	98.8	99.0	
87.5	90.6	91.9	92.6	95.0	95.5	97.2	97.6	97.6	98.5	98.7	98.7	99.3	99.3	99.6	99.7	
87.5	90.6	91.9	92.8	95.0	95.5	97.2	97.6	97.6	98.6	98.7	98.8	99.4	99.4	99.7	100.0	
87.5	90.6	91.9	92.8	95.0	95.5	97.2	97.6	97.6	98.6	98.7	98.8	99.4	99.4	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 5548

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-81 GMT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-1200

36.2	36.3	36.3	36.3	36.8	36.8	37.0	37.4	37.5	37.5	37.7	37.7	37.7	37.7	37.7	37.7	
38.4	38.6	38.6	38.6	39.1	39.1	39.3	39.7	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	
38.7	38.8	38.8	38.8	39.3	39.3	39.6	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	
38.7	38.8	38.8	38.8	39.3	39.3	39.6	39.9	40.1	40.1	40.2	40.2	40.2	40.2	40.2	40.2	
38.8	39.1	39.1	39.1	39.6	39.6	39.8	40.2	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	
39.7	39.9	39.9	39.9	40.5	40.5	40.7	41.1	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	
41.1	41.3	41.3	41.3	41.8	41.8	42.1	42.5	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	
42.4	42.6	42.6	42.6	43.1	43.1	43.4	43.7	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	
44.6	44.9	44.9	44.9	45.5	45.5	45.8	46.1	46.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	
48.4	48.7	48.7	48.7	49.3	49.3	49.6	49.9	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	
51.3	51.6	51.6	51.6	52.2	52.2	52.8	53.2	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	
53.1	53.4	53.4	53.4	54.0	54.0	54.6	55.0	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	
54.2	54.5	54.5	54.5	55.1	55.1	55.8	56.1	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	
58.2	58.7	58.7	58.7	59.3	59.3	59.9	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	
61.1	61.6	61.6	61.6	62.3	62.3	63.0	63.3	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	
64.7	65.7	65.7	65.7	66.5	66.5	67.1	67.5	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	
67.8	69.2	69.2	69.3	70.2	70.2	71.0	71.6	71.7	71.8	72.2	72.2	72.2	72.2	72.2	72.2	
72.3	74.3	74.3	74.5	75.3	75.3	76.5	77.0	77.1	77.2	77.6	77.6	77.6	77.6	77.6	77.6	
73.2	75.6	75.6	75.7	76.6	76.7	78.0	78.5	78.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	
74.3	77.4	77.5	78.0	79.0	79.1	80.4	81.2	81.3	81.4	81.8	81.8	81.8	81.8	82.1	82.2	
75.9	79.4	79.5	80.0	81.2	81.4	83.1	83.8	83.9	84.1	84.5	84.5	84.5	84.5	84.8	84.8	
76.2	80.0	80.2	80.7	81.8	82.0	84.2	85.0	85.1	85.2	85.6	85.6	85.6	85.6	86.0	86.2	
76.7	80.5	80.7	81.2	82.3	82.7	85.5	86.3	86.5	86.6	87.0	87.0	87.0	87.0	87.4	87.4	
77.4	81.3	81.5	82.0	83.7	84.2	87.6	88.6	88.7	88.9	89.3	89.4	89.4	89.4	89.8	89.8	
77.9	81.8	82.2	82.7	84.6	85.1	88.7	89.8	89.9	90.1	90.8	90.9	90.9	90.9	91.3	91.3	
78.1	82.3	82.8	83.3	85.3	86.0	89.8	91.0	91.2	91.8	92.5	92.7	92.7	92.7	93.0	93.0	
78.4	82.6	83.1	83.6	86.0	86.6	91.0	93.6	93.7	94.7	95.4	95.6	95.7	95.8	96.2	96.2	
78.4	82.6	83.1	83.6	86.0	86.6	91.3	94.1	94.2	95.6	96.5	96.6	96.8	97.2	97.6	97.6	
78.4	82.7	83.2	83.7	86.1	86.7	91.5	94.3	94.4	95.8	96.7	96.8	97.5	97.9	98.7	98.7	
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	99.6	99.6	
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	100.0	100.0	
78.5	82.8	83.3	83.8	86.2	86.9	91.7	94.6	94.7	96.3	97.3	97.5	98.1	98.6	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 791

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0600

34.3	34.8	35.0	35.2	35.5	35.5	35.8	36.1	36.1	36.1	36.4	36.4	36.4	36.4	36.4	36.4	
36.3	36.8	37.3	37.1	37.5	37.5	37.7	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.3	
36.8	37.2	37.5	37.6	38.0	38.0	38.2	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.6	
36.8	37.2	37.5	37.6	38.0	38.0	38.2	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	
37.0	37.5	37.7	37.9	38.2	38.2	38.5	38.8	38.8	38.8	39.1	39.1	39.1	39.1	39.1	39.1	
37.2	37.7	38.0	38.1	38.5	38.5	38.7	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.3	
38.7	39.2	39.4	39.6	39.9	39.9	40.2	40.5	40.5	40.5	40.8	40.8	40.8	40.8	40.8	40.8	
40.0	40.5	40.8	40.9	41.3	41.3	41.5	41.9	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	
42.6	43.1	43.3	43.5	43.8	43.8	44.1	44.4	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	
45.7	46.2	46.5	46.6	47.0	47.0	47.3	47.6	47.6	47.6	47.9	47.9	48.2	48.2	48.1	48.1	
48.1	48.6	49.0	49.1	49.5	49.5	49.7	50.1	50.1	50.1	50.3	50.3	50.4	50.4	50.5	50.5	
50.3	50.8	51.2	51.3	51.6	51.6	52.1	52.5	52.5	52.5	52.7	52.7	53.0	53.0	53.1	53.1	
52.5	53.0	53.4	53.5	53.8	53.8	54.3	54.7	54.7	54.7	55.1	55.1	55.4	55.4	55.6	55.6	
55.3	55.8	56.2	56.3	56.7	56.7	57.1	57.5	57.5	57.5	57.9	57.9	58.2	58.2	58.4	58.4	
58.5	59.0	59.3	59.5	60.0	60.0	60.4	60.8	60.8	60.8	61.2	61.2	61.5	61.5	61.7	61.7	
61.7	63.0	63.6	64.0	64.6	64.6	65.1	65.4	65.4	65.4	65.8	65.8	66.2	66.2	66.3	66.3	
63.6	65.3	66.2	66.5	67.2	67.2	67.6	68.0	68.0	68.0	68.4	68.4	69.1	69.1	69.2	69.2	
68.1	70.5	71.4	71.9	72.5	72.5	73.1	73.5	73.5	73.5	73.9	73.9	74.6	74.6	74.7	74.7	
68.9	71.7	72.9	73.5	74.1	74.1	74.7	75.1	75.1	75.1	75.5	75.5	76.2	76.2	76.3	76.3	
71.1	74.2	75.9	76.8	77.4	77.5	78.8	79.1	79.1	79.1	79.5	79.5	80.2	80.2	80.3	80.3	
72.6	76.2	78.0	79.4	80.0	80.1	82.1	82.4	82.4	82.4	82.8	82.8	83.5	83.5	83.9	83.9	
73.9	77.9	79.7	81.1	81.8	81.9	84.5	85.0	85.0	85.0	85.3	85.3	86.1	86.1	86.4	86.4	
74.0	78.4	80.3	81.9	82.8	82.9	85.8	86.3	86.3	86.3	86.7	86.7	87.4	87.4	87.8	87.8	
74.7	79.2	81.2	82.8	84.2	84.5	88.4	88.9	88.9	89.0	89.9	90.2	91.0	91.2	91.3	91.3	
75.2	79.7	81.8	83.4	85.1	85.3	89.6	90.1	90.1	90.2	91.1	91.5	92.2	92.2	92.6	92.6	
75.2	79.7	81.8	83.5	85.7	86.0	90.8	91.5	91.6	92.2	93.2	93.5	94.1	94.3	94.6	94.6	
75.6	80.1	82.2	83.9	86.2	86.4	91.8	92.9	93.0	94.3	95.4	95.7	96.5	96.6	96.9	96.9	
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	95.1	96.2	96.6	97.3	97.4	97.8	97.8	
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	95.6	96.7	97.1	98.2	98.3	98.9	98.9	
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	96.0	97.1	97.4	98.7	99.0	100.0	100.0	
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	96.0	97.1	97.4	98.7	99.0	100.0	100.0	
75.6	80.1	82.2	83.9	86.2	86.4	92.2	93.8	93.9	96.0	97.1	97.4	98.7	99.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 619

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 2315 TATALINA AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0600-2800

26.6	26.7	26.7	26.8	27.2	27.2	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.8	
28.1	28.3	28.3	28.4	28.7	28.7	29.1	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.4	
29.5	29.6	29.6	29.7	30.1	30.1	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.7	
29.6	29.7	29.7	29.8	30.2	30.2	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8	
29.6	29.7	29.7	29.8	30.2	30.2	30.6	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.8	
30.7	30.9	30.9	31.1	31.4	31.4	31.8	31.8	31.8	31.8	31.9	31.9	31.9	31.9	31.9	32.0	
32.3	32.5	32.5	32.8	33.1	33.1	33.5	33.5	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.7	
32.8	33.0	33.0	33.3	33.6	33.6	34.0	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.2	
35.2	35.4	35.4	35.7	36.1	36.1	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.7	
40.4	40.7	40.7	40.9	41.3	41.3	41.7	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	
42.8	43.4	43.4	43.7	44.1	44.2	44.6	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9	
45.2	46.2	46.3	46.7	47.0	47.3	47.9	48.0	48.0	48.1	48.2	48.2	48.2	48.2	48.4	48.5	
47.4	48.6	48.7	49.1	49.5	49.7	50.3	50.4	50.4	50.5	50.7	50.7	50.7	50.7	50.8	50.9	
51.0	52.3	52.4	52.7	53.2	53.5	54.2	54.3	54.3	54.4	54.7	54.7	54.7	54.7	54.8	54.9	
54.8	56.6	57.2	57.6	58.1	58.3	59.1	59.2	59.2	59.3	59.6	59.6	59.6	59.6	59.7	59.8	
56.5	58.6	59.2	59.6	60.3	60.5	61.3	61.4	61.4	61.5	61.8	61.8	61.8	61.8	61.9	62.0	
58.8	61.1	61.9	62.2	63.2	63.5	64.3	64.4	64.4	64.6	64.8	64.8	64.8	64.8	64.9	65.0	
64.3	67.0	67.7	68.3	69.5	69.9	71.0	71.1	71.1	71.4	71.6	71.6	71.6	71.6	71.7	71.9	
65.5	68.2	69.3	70.0	71.3	71.6	72.7	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.4	73.6	
67.8	70.9	72.1	73.0	75.0	75.4	77.1	77.5	77.5	77.8	78.1	78.1	78.1	78.1	78.2	78.3	
70.2	74.1	75.5	76.5	78.6	78.9	81.1	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.3	82.5	
71.3	75.4	76.9	77.8	80.0	80.5	83.3	84.0	84.0	84.4	84.7	84.7	84.7	84.7	84.8	84.9	
72.5	76.7	78.2	79.2	81.5	82.3	85.3	86.0	86.0	86.4	86.6	86.6	86.6	86.6	86.7	86.8	
73.3	77.7	79.2	80.3	82.9	84.0	87.3	88.4	88.4	88.9	89.2	89.2	89.2	89.2	89.4	89.5	
73.7	78.1	79.7	80.8	83.7	84.8	88.3	89.6	89.6	90.3	90.6	90.6	90.7	90.7	91.0	91.1	
74.1	78.7	80.5	81.6	84.5	85.6	89.4	91.0	91.0	92.0	92.4	92.4	92.8	92.8	93.1	93.2	
74.8	79.5	81.4	82.5	85.7	86.8	91.0	92.7	92.7	93.9	94.5	94.9	95.2	95.4	95.7	95.9	
74.9	79.7	81.5	82.6	85.9	87.0	91.2	92.9	92.9	94.5	95.4	95.7	96.5	96.7	97.1	97.2	
74.9	79.8	81.6	82.7	86.0	87.3	91.7	93.4	93.4	95.1	96.0	96.5	97.3	97.7	98.1	98.3	
75.0	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.1	97.0	97.4	98.4	98.9	99.6	99.9	
75.0	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.2	97.1	97.6	98.5	99.0	99.8	100.0	
75.0	79.9	81.7	82.8	86.1	87.5	92.2	93.9	93.9	96.2	97.1	97.6	98.5	99.0	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6	
25.7	25.8	25.8	25.8	26.0	26.0	26.0	26.0	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	
26.9	27.0	27.0	27.0	27.3	27.3	27.3	27.3	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	
27.4	27.5	27.5	27.5	27.7	27.7	27.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0	
27.6	27.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
28.2	28.3	28.3	28.3	28.6	28.6	28.6	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	
30.5	30.7	30.7	30.7	30.9	30.9	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
32.5	32.6	32.6	32.6	32.8	32.8	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	
36.3	36.4	36.6	36.6	36.9	36.9	36.9	36.9	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2	
40.1	40.3	40.5	40.5	40.9	41.0	41.0	41.0	41.0	41.2	41.2	41.2	41.4	41.4	41.4	41.4	
43.3	43.4	43.7	43.8	44.2	44.3	44.3	44.3	44.3	44.6	44.6	44.6	44.8	44.8	44.8	44.8	
47.0	47.6	47.8	47.9	48.3	48.4	48.4	48.4	48.4	48.8	48.8	48.8	48.9	48.9	48.9	48.9	
49.5	50.2	50.5	50.7	51.2	51.3	51.3	51.3	51.3	51.7	51.7	51.7	51.8	51.8	51.8	51.8	
53.5	54.4	54.6	55.0	55.5	55.6	55.6	56.0	56.0	56.3	56.3	56.3	56.6	56.6	56.6	56.6	
56.0	56.9	57.3	57.7	58.2	58.3	58.3	58.6	58.6	59.0	59.0	59.0	59.2	59.2	59.2	59.2	
58.5	59.6	60.0	60.3	60.8	60.9	60.9	61.3	61.3	61.7	61.7	61.7	61.9	61.9	61.9	61.9	
60.0	61.6	62.2	62.8	63.6	63.9	63.9	64.2	64.2	64.6	64.7	64.7	65.1	65.1	65.1	65.1	
65.0	67.2	67.8	68.5	69.7	70.1	70.6	70.9	70.9	71.3	71.4	71.4	71.8	71.8	71.8	71.8	
66.9	69.1	69.7	70.4	71.8	72.1	72.7	73.1	73.1	73.5	73.6	73.6	74.0	74.0	74.0	74.0	
68.5	70.7	71.4	72.5	74.5	75.1	75.7	76.3	76.3	76.6	76.9	76.9	77.3	77.3	77.3	77.3	
70.8	73.2	74.1	75.4	77.9	78.6	79.4	80.3	80.3	80.7	80.9	80.9	81.3	81.3	81.3	81.3	
72.0	74.5	75.8	77.4	80.3	81.0	82.1	83.1	83.1	83.5	83.8	83.9	84.3	84.3	84.3	84.3	
73.1	75.8	77.1	78.7	82.2	83.0	84.4	85.5	85.5	85.9	86.3	86.4	86.7	86.7	86.7	86.7	
73.6	76.4	77.7	79.3	83.1	84.1	85.9	87.2	87.2	87.6	88.0	88.1	88.4	88.4	88.4	88.4	
74.5	77.3	78.6	80.2	84.1	85.0	87.1	88.7	88.7	89.8	90.4	90.8	91.1	91.1	91.1	91.1	
74.9	77.7	79.1	80.8	84.8	85.8	88.1	89.9	89.9	91.0	91.6	92.1	92.5	92.5	92.5	92.5	
75.2	78.2	79.6	81.4	85.9	86.9	89.4	91.4	91.4	93.1	93.8	94.5	94.9	94.9	95.0	95.0	
75.3	78.5	79.8	81.6	86.4	87.3	89.9	92.0	92.0	94.2	95.3	96.0	96.6	96.6	96.7	96.7	
75.3	78.7	80.0	82.1	87.2	88.2	90.8	92.8	92.8	95.0	96.1	97.0	98.1	98.1	98.4	98.5	
75.3	78.7	80.0	82.1	87.2	88.3	91.0	93.1	93.1	95.4	96.5	97.3	98.4	98.5	98.9	99.4	
75.3	78.7	80.0	82.1	87.2	88.3	91.0	93.1	93.1	95.5	96.8	97.7	98.8	98.9	99.3	99.9	
75.3	78.7	80.0	82.1	87.2	88.3	91.0	93.1	93.1	95.6	97.0	97.8	98.9	99.0	99.4	100.0	

TOTAL NUMBER OF OBSERVATIONS 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2215 TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

22.4	22.4	22.4	22.5	22.6	22.6	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	
25.2	25.2	25.2	25.3	25.5	25.5	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	
25.8	25.8	25.8	25.9	26.1	26.1	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4	26.4	26.4	
26.1	26.1	26.1	26.2	26.5	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	
26.7	26.7	26.7	26.9	27.1	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	
28.4	28.4	28.4	28.6	28.8	28.8	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	
30.1	30.1	30.1	30.3	30.5	30.5	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	
32.4	32.6	32.6	32.7	32.9	32.9	33.0	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	
36.6	36.7	36.8	36.9	37.2	37.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	
42.3	42.6	43.0	43.3	43.5	43.6	43.7	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	
45.1	45.4	45.8	46.1	46.3	46.4	46.5	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
48.4	48.8	49.2	49.5	49.8	49.9	50.1	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	
49.9	50.5	50.9	51.2	51.5	51.6	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
53.1	53.8	54.2	54.6	55.0	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
55.3	56.1	56.6	57.0	57.5	57.6	57.7	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
57.5	58.3	58.9	59.3	59.8	59.9	60.0	60.0	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	
60.4	61.6	62.2	62.6	63.1	63.2	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
65.1	67.1	67.9	68.3	69.0	69.3	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	
66.3	68.8	69.6	70.1	71.1	71.3	72.2	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
68.8	71.6	72.7	73.5	74.6	74.8	76.2	76.4	76.4	76.8	76.8	76.9	76.9	76.9	76.9	76.9	
71.8	75.1	76.4	77.5	79.0	79.2	80.6	80.9	80.9	81.3	81.3	81.5	81.5	81.5	81.5	81.5	
72.4	75.7	77.0	78.4	80.2	80.4	82.1	82.6	82.6	83.6	83.7	84.1	84.2	84.2	84.2	84.2	
73.6	76.9	78.3	79.6	81.9	82.3	84.8	85.5	85.5	86.5	86.6	87.0	87.1	87.1	87.1	87.1	
74.6	78.5	80.0	81.3	84.0	84.4	87.1	88.0	88.0	88.9	89.1	89.4	89.6	89.6	89.6	89.6	
75.2	79.2	80.7	82.3	85.2	85.8	88.6	89.6	89.7	91.0	91.1	91.6	91.7	91.7	91.7	91.7	
75.6	79.8	81.3	83.1	86.1	86.9	89.8	91.0	91.1	93.1	93.3	93.9	94.3	94.3	94.4	94.4	
75.7	80.0	81.4	83.4	86.4	87.1	90.0	91.5	91.6	93.9	94.2	94.8	95.3	95.3	95.5	95.5	
75.8	80.6	82.0	84.4	87.6	88.3	91.3	92.7	93.0	95.5	95.9	96.6	97.3	97.3	97.6	97.6	
76.2	81.0	82.5	85.1	88.2	88.9	92.0	93.8	94.0	96.7	97.1	97.9	98.9	99.0	99.3	99.3	
76.2	81.0	82.5	85.1	88.2	88.9	92.1	93.9	94.2	96.8	97.4	98.3	99.4	99.5	99.8	99.8	
76.2	81.0	82.6	85.2	88.3	89.1	92.2	94.0	94.3	97.0	97.6	98.4	99.6	99.8	100.0	100.0	
76.2	81.0	82.6	85.2	88.3	89.1	92.2	94.0	94.3	97.0	97.6	98.4	99.6	99.8	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1702

	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.9	22.9	22.9	22.9	22.9	22.9	22.9
	24.8	24.8	24.8	24.8	25.0	25.0	25.0	25.0	25.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4
	25.2	25.2	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.8	25.8	25.8	25.8	25.8	25.8	25.8
	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.9	25.9	25.9	25.9	25.9	25.9	25.9
	25.8	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	26.3	26.3	26.3	26.3	26.3	26.3	26.3
	27.1	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.7	27.7	27.7	27.7	27.7	27.7	27.7
	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.4	30.4	30.4	30.4	30.4	30.4	30.4
	32.0	32.0	32.0	32.0	32.2	32.2	32.2	32.2	32.2	32.6	32.6	32.6	32.6	32.6	32.6	32.6
	35.5	35.7	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4
	41.2	41.5	41.9	42.1	42.2	42.2	42.3	42.3	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7
	45.6	45.9	46.3	46.5	46.7	46.7	46.8	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2
	48.7	49.3	49.8	50.1	50.2	50.2	50.3	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7
	50.9	51.4	52.0	52.2	52.4	52.4	52.5	52.5	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9
	52.9	53.7	54.3	54.5	54.8	54.8	55.0	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4
	55.4	56.2	56.9	57.1	57.4	57.4	57.7	57.7	57.7	58.1	58.2	58.2	58.2	58.2	58.2	58.2
	58.1	58.9	59.7	60.2	60.5	60.5	60.8	60.8	60.8	61.2	61.3	61.3	61.3	61.3	61.3	61.3
	62.7	63.6	64.5	65.0	65.3	65.3	65.5	65.5	65.8	66.2	66.5	66.5	66.5	66.5	66.5	66.5
	66.4	67.6	68.4	68.9	69.5	69.5	70.0	70.0	70.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0
	68.1	69.9	70	71.4	71.9	71.9	72.5	72.5	72.7	73.1	73.4	73.4	73.4	73.4	73.4	73.4
	70.7	72.9	74.1	74.9	75.6	75.8	76.9	77.1	77.3	77.7	78.0	78.0	78.2	78.0	78.0	78.0
	73.5	75.8	77.2	78.3	79.0	79.5	81.7	81.8	82.1	82.6	82.9	82.9	82.9	82.9	82.9	82.9
	74.8	77.2	78.6	79.6	80.6	81.1	83.4	83.9	84.1	84.9	85.2	85.2	85.6	85.6	85.6	85.6
	76.3	78.8	80.2	81.3	83.0	83.7	86.2	86.6	87.0	87.8	88.1	88.1	88.5	88.5	88.5	88.5
	77.3	80.3	81.7	82.8	84.7	85.5	88.2	88.6	89.0	90.0	90.4	90.4	90.8	90.8	90.8	90.8
	77.7	80.7	82.5	83.6	86.2	87.0	89.8	90.2	90.6	92.1	92.5	92.5	92.9	92.9	92.9	92.9
	78.2	81.3	83.0	84.1	86.8	87.7	90.6	91.2	91.6	93.2	93.6	93.9	94.3	94.4	94.4	94.4
	78.2	81.4	83.2	84.3	87.2	88.1	91.3	91.9	92.3	93.9	94.3	94.6	95.0	95.1	95.3	95.3
	78.4	82.0	83.7	84.8	87.8	88.6	92.0	92.5	92.9	95.0	95.4	95.7	96.2	96.3	96.5	96.5
	78.7	82.2	84.0	85.1	88.1	88.9	92.4	92.9	93.4	95.5	95.9	96.9	97.8	98.0	98.5	98.5
	78.8	82.6	84.4	85.5	88.9	89.7	93.2	93.8	94.2	96.7	97.2	98.2	99.3	99.5	100.0	100.0
	78.8	82.6	84.4	85.5	88.9	89.7	93.2	93.8	94.2	96.7	97.2	98.2	99.3	99.5	100.0	100.0
	78.8	82.6	84.4	85.5	88.9	89.7	93.2	93.8	94.2	96.7	97.2	98.2	99.3	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1930-2000

22.2	22.8	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
24.8	25.3	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
25.5	26.0	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
25.7	26.2	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
25.9	26.4	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
27.5	28.1	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	29.4	28.4
31.1	31.7	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
32.6	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
35.0	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
40.6	41.3	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
44.1	44.8	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
46.6	47.4	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
48.6	49.7	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
51.7	52.8	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
54.8	55.9	56.8	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
57.4	58.8	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
61.4	62.8	63.8	63.9	64.1	64.3	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
66.1	68.1	69.2	69.4	69.6	69.8	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
67.6	69.9	71.4	71.6	71.9	72.1	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
69.4	72.1	73.8	74.1	74.7	75.0	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
71.8	75.2	76.9	77.2	78.1	78.5	79.6	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
72.1	75.6	77.4	77.8	79.1	79.4	81.4	82.0	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5
74.0	78.0	80.0	80.7	82.1	82.5	84.9	85.4	85.6	85.8	85.8	85.8	86.0	86.0	86.0	86.0	86.0
74.5	78.5	80.7	81.6	83.1	83.4	86.2	86.7	86.9	87.1	87.1	87.1	87.4	87.4	87.4	87.4	87.4
76.0	80.1	82.7	83.6	85.1	85.4	88.3	88.9	89.1	89.8	90.0	90.0	90.3	90.3	90.3	90.3	90.3
76.1	81.2	83.8	84.7	86.2	86.7	90.0	91.1	91.3	93.3	93.6	93.6	94.0	94.0	94.0	94.0	94.0
76.5	81.6	84.2	85.1	86.5	87.1	90.5	92.2	92.3	94.4	94.7	94.7	95.1	95.1	95.1	95.1	95.1
76.5	81.6	84.2	85.1	86.5	87.1	90.5	92.2	92.3	94.4	94.9	95.1	95.4	95.6	95.6	95.6	95.6
76.5	82.0	84.7	85.6	87.1	87.6	91.1	92.9	93.1	95.1	95.6	96.0	96.7	96.9	96.9	96.9	96.9
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.4	97.8	98.5	98.7	98.7	98.7	98.7
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.6	98.0	99.3	100.0	100.0	100.0	100.0
76.7	82.5	85.2	86.2	87.6	88.2	91.8	93.6	94.0	96.5	97.6	98.0	99.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 549

USAF ETAC [illegible] ARE OBSOLETE

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23.5 TATALINA AFS AK 73.75-8. 09Z

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

29.5	29.5	29.5	29.5	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	
32.3	32.3	32.3	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	
32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	
33.8	33.8	33.8	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	
38.4	38.6	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	
40.5	40.9	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	
44.3	44.7	44.7	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	
46.6	47.1	47.1	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
48.7	49.2	49.2	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	
50.2	51.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
54.6	55.5	55.5	55.7	55.9	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
57.8	59.1	59.1	59.3	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	
62.7	64.1	64.1	64.3	64.4	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.6	64.8	64.8	
65.2	66.7	66.7	67.1	67.5	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
70.7	72.8	73.2	74.0	74.9	74.9	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
71.9	74.7	75.3	76.0	77.2	77.2	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
74.3	77.6	78.1	78.9	80.0	80.0	81.0	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	
75.7	79.3	80.0	80.8	82.1	82.1	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	
76.2	80.0	80.8	81.6	83.3	83.3	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.2	
76.6	80.6	81.6	82.7	84.8	84.8	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	
76.6	80.8	81.7	82.9	85.4	85.4	88.2	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.4	89.4	
77.4	81.9	82.9	84.0	86.7	86.7	89.5	90.1	90.1	90.5	90.5	90.5	90.5	90.5	90.7	90.7	
77.6	82.3	83.3	84.4	87.3	87.5	90.5	91.3	91.3	92.6	92.6	92.6	92.8	92.8	93.0	93.0	
77.9	82.9	83.8	85.0	87.8	88.0	91.8	93.7	93.7	95.8	95.8	96.2	96.4	96.4	96.6	96.6	
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.1	94.1	96.4	96.4	96.8	97.0	97.5	97.9	97.9	
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.0	97.5	97.7	98.7	99.2	99.2	
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.1	97.7	98.1	99.2	99.8	99.8	
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.3	97.9	98.3	99.4	100.0	100.0	
77.9	82.9	83.8	85.0	87.8	88.0	92.0	94.7	94.7	97.0	97.3	97.9	98.3	99.4	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 526

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 8315 TATALINA AFS AK 73-81 OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

27.3	27.5	27.5	27.6	27.9	27.9	28.0	28.1	28.1	28.2	28.3	28.3	28.3	28.3	28.3	28.3
29.5	29.7	29.8	29.8	30.1	30.1	30.2	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5
30.2	30.4	30.5	30.5	30.8	30.8	30.9	31.0	31.0	31.1	31.2	31.2	31.2	31.2	31.2	31.2
30.4	30.6	30.6	30.7	31.0	31.0	31.1	31.2	31.2	31.3	31.4	31.4	31.4	31.4	31.4	31.4
30.6	30.8	30.9	30.9	31.2	31.2	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.7
31.7	31.9	32.0	32.0	32.3	32.3	32.4	32.5	32.5	32.6	32.7	32.7	32.7	32.7	32.7	32.7
33.8	34.0	34.0	34.1	34.4	34.4	34.5	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	34.8
35.4	35.6	35.7	35.8	36.0	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.5
38.3	38.6	38.7	38.8	39.1	39.1	39.2	39.3	39.4	39.5	39.5	39.5	39.6	39.6	39.6	39.6
42.9	43.3	43.5	43.6	43.9	43.9	44.1	44.2	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.5
46.9	46.3	46.5	46.7	47.0	47.0	47.2	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.7
48.5	49.1	49.4	49.6	49.9	50.0	50.2	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.7	50.7
50.5	51.2	51.4	51.6	52.0	52.1	52.3	52.4	52.5	52.6	52.7	52.7	52.8	52.8	52.8	52.8
53.8	54.7	54.9	55.2	55.6	55.6	55.9	56.1	56.1	56.3	56.4	56.4	56.5	56.5	56.5	56.5
56.7	57.7	58.1	58.4	58.8	58.9	59.2	59.4	59.4	59.5	59.6	59.6	59.7	59.7	59.8	59.8
59.6	60.8	61.3	61.6	62.1	62.2	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.1	63.1	63.1
62.4	63.9	64.5	64.8	65.5	65.6	66.0	66.2	66.3	66.5	66.7	66.7	66.8	66.8	66.8	66.9
67.1	69.2	69.9	70.3	71.2	71.3	72.1	72.2	72.3	72.5	72.7	72.7	72.8	72.8	72.9	72.9
68.4	70.8	71.7	72.2	73.1	73.3	74.1	74.3	74.4	74.6	74.7	74.7	74.9	74.9	74.9	74.9
70.5	73.3	74.3	75.1	76.2	76.5	77.6	78.0	78.1	78.3	78.5	78.5	78.7	78.7	78.8	78.8
72.7	75.9	77.1	78.0	79.4	79.7	81.3	81.8	81.8	82.1	82.3	82.3	82.5	82.5	82.6	82.6
73.5	76.9	78.2	79.2	80.8	81.2	83.2	83.8	83.9	84.3	84.5	84.6	84.8	84.8	84.9	85.0
74.5	78.1	79.4	80.5	82.5	82.9	85.4	86.1	86.2	86.6	86.8	86.9	87.1	87.1	87.3	87.3
75.2	79.0	80.4	81.5	83.8	84.4	87.4	88.2	88.3	88.7	89.0	89.2	89.4	89.4	89.6	89.6
75.8	79.7	81.2	82.4	85.0	85.6	88.7	89.6	89.7	90.5	90.9	91.1	91.4	91.4	91.5	91.5
76.1	80.2	81.8	83.1	85.8	86.4	89.8	91.0	91.1	92.3	92.8	93.1	93.4	93.5	93.6	93.6
76.4	80.6	82.2	83.5	86.4	87.1	90.8	92.4	92.5	94.2	94.7	95.1	95.5	95.6	95.8	95.8
76.5	80.8	82.4	83.7	86.7	87.4	91.3	93.0	93.2	95.0	95.7	96.1	96.7	96.9	97.1	97.1
76.6	81.0	82.6	84.0	87.0	87.8	91.7	93.6	93.7	95.7	96.4	97.0	97.8	98.1	98.5	98.6
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.0	96.3	97.1	97.7	98.6	99.0	99.6	99.7
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.1	96.4	97.2	97.8	98.8	99.2	99.9	100.0
76.7	81.2	82.7	84.2	87.2	88.0	92.0	93.9	94.1	96.4	97.2	97.8	98.8	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5888

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
FROM HOURLY OBSERVATIONS

45.6	46.4	46.6	46.8	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	
46.6	47.4	47.6	47.8	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	
48.3	49.0	49.3	49.4	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	
48.3	49.0	49.3	49.4	50.0	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	
49.0	49.8	50.0	50.1	50.7	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.2	51.2	
50.9	51.6	51.9	52.0	52.6	52.6	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.1	
51.7	52.5	52.7	52.9	53.5	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
52.6	53.4	53.6	53.7	54.6	54.6	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4	
53.6	54.4	54.6	54.7	55.6	55.6	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	
57.4	58.1	58.4	58.5	59.4	59.4	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5	60.5	60.5	
58.1	58.9	59.1	59.2	60.1	60.1	61.0	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	
59.0	59.9	60.1	60.2	61.1	61.1	62.2	62.2	62.2	62.2	62.2	62.2	62.5	62.5	62.5	62.5	
59.9	60.7	61.0	61.1	62.0	62.0	63.1	63.1	63.1	63.1	63.1	63.1	63.3	63.3	63.3	63.3	
61.3	62.1	62.5	62.6	63.5	63.5	64.7	64.7	64.7	64.7	64.7	64.7	65.0	65.0	65.0	65.0	
62.7	64.2	64.6	64.7	65.6	65.6	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	
64.3	66.2	66.6	66.7	68.5	68.6	70.2	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	
66.1	68.5	69.0	69.1	70.9	71.2	72.9	72.9	72.9	72.9	72.9	72.9	73.2	73.2	73.2	73.2	
68.5	71.2	71.8	72.4	74.7	75.1	76.9	76.9	76.9	76.9	76.9	76.9	77.2	77.2	77.2	77.2	
69.2	71.9	72.6	73.2	75.4	75.8	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	77.9	
70.1	73.6	74.3	74.9	77.2	77.6	79.4	79.4	79.4	79.6	79.6	79.6	79.8	79.8	79.8	79.8	
71.7	75.7	76.4	77.1	79.7	80.2	82.2	82.5	82.5	82.7	82.7	82.7	82.9	82.9	82.9	82.9	
73.3	77.4	78.4	79.2	81.8	82.3	85.2	86.0	86.0	86.2	86.2	86.2	86.5	86.5	86.5	86.5	
73.7	78.2	79.2	79.9	83.0	83.8	87.3	88.4	88.4	88.5	88.5	88.5	88.9	88.9	88.9	88.9	
74.3	78.8	79.8	80.5	83.7	84.5	88.7	90.1	90.1	90.4	90.4	90.5	91.0	91.0	91.0	91.0	
75.2	80.2	81.2	81.9	85.0	85.9	90.0	91.5	91.5	91.8	91.8	91.9	92.4	92.4	92.4	92.4	
75.3	80.4	81.4	82.3	85.4	86.3	90.4	91.9	91.9	92.1	92.5	92.9	93.4	93.5	93.5	93.5	
75.6	80.8	82.0	82.9	86.2	87.0	91.5	93.1	93.1	93.6	94.3	94.6	95.1	95.3	95.3	95.3	
75.6	80.8	82.0	82.9	86.4	87.3	92.3	94.4	94.5	95.1	96.0	96.4	97.3	97.4	97.4	97.4	
75.6	80.8	82.0	82.9	86.5	87.5	92.5	95.1	95.3	96.5	97.4	97.9	98.8	98.9	98.9	98.9	
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.3	98.9	99.8	99.9	99.9	99.9	
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.4	99.0	99.9	100.0	100.0	100.0	
75.6	80.8	82.0	82.9	86.5	87.7	92.9	95.5	95.6	97.1	98.4	99.0	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 802

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 23 49 TATALINA AFS AK 73-81 NOV 1300-2200

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

47.7	48.1	48.3	48.4	49.1	49.1	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	
48.8	49.3	49.4	49.5	50.2	50.2	50.5	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	
49.6	50.1	50.2	50.4	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
49.6	50.1	50.2	50.4	51.5	51.5	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
49.8	50.2	50.4	50.5	51.6	51.6	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	
51.0	51.5	51.6	51.7	52.8	52.8	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	
52.3	52.8	53.0	53.1	54.2	54.2	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
52.8	53.5	53.6	53.7	54.8	54.8	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	
54.6	55.4	55.6	55.7	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
57.3	58.1	58.3	58.4	59.6	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	
57.9	58.8	58.9	59.0	60.2	60.2	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
59.0	60.2	60.4	60.5	61.7	61.7	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	
59.9	61.1	61.2	61.4	62.6	62.6	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	
61.7	63.2	63.3	63.5	64.7	64.7	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
63.3	65.4	65.6	65.7	67.0	67.0	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
65.6	67.8	67.9	68.1	69.6	69.8	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	
66.4	68.8	69.0	69.4	71.0	71.1	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
68.4	71.1	71.7	72.2	74.2	74.4	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
68.8	71.6	72.3	73.1	75.1	75.3	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	
69.5	72.8	73.6	74.3	76.5	77.2	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	
70.7	74.6	75.6	76.5	79.3	80.0	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
72.1	76.2	77.2	78.4	81.7	82.5	85.1	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	
72.2	76.3	77.3	78.5	82.0	83.0	86.0	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	
73.3	77.7	78.6	79.9	83.7	85.4	88.8	90.7	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	
73.8	78.5	79.5	80.7	84.6	86.4	89.9	92.1	92.1	92.6	92.8	92.8	92.8	92.8	92.8	92.8	
73.8	79.0	80.0	81.2	85.1	87.0	90.6	93.3	93.5	94.0	94.4	94.4	94.4	94.4	94.4	94.4	
74.2	79.6	80.6	81.9	85.7	87.8	91.4	94.4	94.6	95.4	95.9	96.3	96.4	96.4	96.4	96.4	
74.2	79.6	80.6	81.9	85.7	87.8	91.4	94.9	95.2	96.2	97.2	97.5	97.8	97.8	97.8	97.8	
74.2	79.6	80.6	81.9	86.0	88.4	92.0	95.6	95.8	96.9	97.9	98.6	98.9	98.9	98.9	98.9	
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.2	98.4	99.1	99.6	99.6	99.6	99.6	
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.5	98.8	99.5	100.0	100.0	100.0	100.0	
74.2	79.8	80.7	82.0	86.2	88.5	92.1	95.7	95.9	97.5	98.8	99.5	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

45.4	46.0	46.0	46.0	46.8	46.8	46.8	47.0	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
46.0	46.7	46.7	46.7	47.4	47.4	47.4	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
47.0	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
47.0	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
47.3	47.7	47.7	47.7	48.4	48.4	48.4	48.6	48.6	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
47.9	48.4	48.4	48.4	49.3	49.3	49.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	
50.2	50.9	50.9	50.9	51.7	51.7	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
50.6	51.2	51.2	51.2	52.1	52.1	52.1	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	
52.8	53.5	53.5	53.5	54.3	54.3	54.3	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	
55.8	56.4	56.4	56.4	57.4	57.4	57.4	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	
57.0	57.7	57.7	57.7	58.6	58.6	58.6	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
58.3	59.4	59.5	59.5	60.9	60.9	60.9	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	
59.5	60.6	60.7	60.7	62.1	62.1	62.1	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	
61.1	62.3	62.5	62.5	64.1	64.2	64.2	64.4	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	
62.7	64.0	64.1	64.1	65.7	65.8	65.8	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
65.1	66.8	67.0	67.3	69.3	69.8	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	70.9	70.9	
66.0	68.3	68.5	68.8	70.7	71.4	72.0	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
68.0	70.7	71.4	71.6	73.7	74.4	75.2	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	
68.5	71.5	72.3	72.8	74.9	75.7	76.4	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
68.8	72.5	73.8	74.8	77.3	78.1	79.4	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
70.2	74.3	76.	77.4	80.1	81.1	82.8	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.1	84.1	
71.1	75.6	7	.0	82.3	83.3	85.6	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
72.2	76.8	7	.4	83.7	84.7	87.2	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	
72.3	77.2	79.	81.1	84.7	85.9	88.6	90.4	90.4	90.9	90.9	90.9	90.9	90.9	90.9	90.9	
72.5	77.5	79.5	81.6	85.2	86.5	89.3	91.1	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
72.6	77.7	79.6	81.7	85.4	87.0	90.1	92.1	92.2	92.8	93.5	93.5	93.5	93.5	93.5	93.6	
73.2	78.3	80.2	82.3	86.9	88.5	91.6	93.8	94.5	95.2	96.0	96.2	96.3	96.3	96.3	96.4	
73.2	78.3	80.2	82.3	87.0	88.6	91.7	94.3	94.7	96.2	97.3	97.4	97.5	97.5	97.5	97.7	
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.8	95.2	96.7	97.8	97.9	98.0	98.3	98.6	98.8	
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	96.8	97.9	98.1	98.5	98.8	99.3	99.5	
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	97.2	98.3	98.5	98.9	99.1	99.6	100.0	
73.2	78.3	80.2	82.3	87.5	89.1	92.2	94.9	95.3	97.2	98.3	98.5	98.9	99.1	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 612

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

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible]5 TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1200

39.0	39.3	39.4	39.5	39.5	39.6	39.6	39.6	39.8	39.8	40.2	40.4	[illegible]	40.4	40.4	40.4	
39.6	39.9	40.0	40.1	40.1	40.2	40.2	40.2	40.4	40.4	40.9	41.0	41.0	41.0	41.0	41.2	
40.6	40.9	41.1	41.4	41.4	41.5	41.5	41.5	41.6	41.6	42.1	42.2	42.2	42.2	42.2	42.2	
41.2	41.5	41.7	42.0	42.0	42.1	42.1	42.1	42.2	42.2	42.7	42.8	42.8	42.8	42.8	42.8	
42.1	42.2	42.5	42.7	42.7	42.8	42.8	42.8	43.0	43.0	43.5	43.6	43.6	43.6	43.6	43.6	
43.6	43.8	44.1	44.3	44.3	44.4	44.4	44.4	44.6	44.6	45.1	45.2	45.2	45.2	45.2	45.2	
46.2	46.4	46.7	46.9	46.9	47.0	47.0	47.0	47.2	47.2	47.7	47.8	47.8	47.8	47.8	47.8	
46.4	46.8	47.0	47.3	47.3	47.4	47.4	47.4	47.5	47.5	48.0	48.1	48.1	48.1	48.1	48.1	
50.7	51.4	51.6	51.9	51.9	52.0	52.0	52.0	52.1	52.1	52.6	52.7	52.7	52.7	52.7	52.7	
54.8	55.4	55.7	56.0	56.2	56.3	56.3	56.3	56.4	56.4	56.9	57.0	57.0	57.0	57.0	57.0	
55.9	56.5	56.8	57.2	57.3	57.4	57.4	57.5	57.7	57.7	58.1	58.3	58.3	58.3	58.3	58.3	
57.3	58.0	58.3	58.6	58.9	59.0	59.0	59.1	59.3	59.3	59.8	59.9	59.9	59.9	59.9	59.9	
59.5	60.2	60.5	60.9	61.1	61.2	61.2	61.4	61.5	61.5	62.0	62.1	62.1	62.1	62.1	62.1	
60.5	61.2	61.6	62.0	62.2	62.3	62.3	62.5	62.6	62.6	63.1	63.2	63.2	63.2	63.2	63.2	
62.8	63.8	64.4	64.8	65.1	65.2	65.2	65.3	65.4	65.4	65.9	66.0	66.0	66.0	66.0	66.0	
64.7	66.3	67.3	67.7	68.1	68.5	68.8	68.9	69.0	69.0	69.5	69.6	69.6	69.6	69.6	69.6	
67.2	69.1	70.2	70.6	71.5	72.0	72.2	72.5	72.6	72.6	73.1	73.2	73.2	73.2	73.2	73.2	
67.9	70.1	71.5	71.9	73.1	73.6	74.1	74.3	74.4	74.4	74.9	75.1	75.1	75.1	75.1	75.1	
68.5	71.0	72.5	72.8	74.1	74.8	75.3	75.6	75.7	75.7	76.2	76.3	76.3	76.3	76.3	76.3	
71.0	73.6	75.3	75.7	76.9	77.7	78.3	78.5	78.6	78.6	79.1	79.3	79.3	79.3	79.3	79.3	
72.6	75.4	77.7	78.3	79.6	80.9	81.6	81.9	82.0	82.0	82.6	82.7	82.7	82.7	82.7	82.7	
73.3	76.5	79.0	79.9	81.5	83.0	84.2	84.6	84.7	84.7	85.3	85.4	85.4	85.4	85.4	85.4	
75.4	78.8	81.4	82.3	84.0	85.8	87.2	87.7	88.0	88.0	88.6	88.8	88.8	88.8	88.8	88.8	
75.9	79.4	82.3	83.5	85.2	87.4	89.0	89.5	89.9	89.9	90.5	90.6	90.6	90.6	90.6	90.6	
76.3	79.6	82.6	84.1	85.8	88.0	89.6	90.2	90.7	90.9	91.6	91.7	91.7	91.7	91.7	91.7	
76.3	79.8	82.8	84.4	86.2	88.4	90.2	91.2	91.7	92.1	92.8	93.2	93.3	93.3	93.3	93.3	
76.3	80.1	83.2	84.8	86.9	89.1	91.4	92.5	93.0	93.5	94.6	95.3	95.8	95.8	95.8	95.9	
76.2	80.9	84.1	85.7	87.8	90.0	92.2	93.3	94.0	94.4	96.0	96.8	97.4	97.7	97.7	97.9	
76.2	80.9	84.2	85.9	88.0	90.2	92.5	93.6	94.2	94.7	96.3	97.0	97.7	98.0	99.5	99.8	
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.4	97.0	97.9	98.5	98.9	99.4	99.6	
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.6	97.2	98.0	98.9	99.3	99.8	100.0	
76.2	80.9	84.3	86.0	88.4	90.6	92.8	94.1	94.7	95.6	97.2	98.0	98.9	99.3	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 810

☐ USAFETAC [illegible] OF A PREVIOUS EDITION ARE OBSOLETE

1 [illegible] CLIMATOLOGY BRANCH
[illegible]TAC
2 AI[illegible] WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1200-1400

39.8	40.5	40.6	40.6	40.7	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	
41.2	42.1	42.2	42.2	42.3	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	
42.6	43.7	43.8	43.8	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
43.2	44.1	44.2	44.2	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	
44.9	44.8	44.9	44.9	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
45.9	46.8	46.9	46.9	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
48.4	49.3	49.5	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	
49.3	50.1	50.4	50.4	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	
53.2	54.1	54.4	54.4	54.8	54.9	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
57.2	58.0	58.4	58.4	59.0	59.3	59.6	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	
58.9	58.9	59.3	59.3	59.9	60.1	60.5	60.5	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	
59.9	60.0	60.4	60.4	61.0	61.2	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	
59.9	60.9	61.2	61.2	61.9	62.1	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	
61.4	62.5	62.8	62.8	63.5	63.7	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
64.1	66.2	66.7	66.7	67.3	67.5	67.9	67.9	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	
65.1	67.2	67.9	68.0	69.1	69.4	69.8	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
66.7	69.4	70.2	70.4	71.7	72.0	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
67.8	71.2	72.3	72.7	74.6	74.8	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	
68.4	72.0	73.2	73.6	75.7	75.9	76.5	76.5	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	
69.9	73.5	75.1	75.7	77.9	78.1	78.8	78.8	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	
72.2	76.0	77.7	78.4	81.0	81.4	82.8	82.8	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	
73.1	77.0	78.8	79.5	82.7	83.1	84.7	85.4	85.7	85.9	86.2	86.2	86.0	86.0	86.0	86.0	
74.7	78.6	80.5	81.5	85.3	85.9	87.8	88.5	88.9	89.1	89.5	89.5	89.6	89.6	89.6	89.6	
74.8	79.8	81.9	83.1	87.2	87.8	89.6	90.5	90.9	91.1	91.5	91.6	91.7	91.7	91.7	91.7	
74.8	79.9	82.0	83.3	87.4	88.0	89.9	90.7	91.1	91.4	91.9	92.0	92.1	92.1	92.1	92.1	
74.8	79.9	82.0	83.3	87.5	88.1	90.1	91.2	91.6	92.2	92.7	92.8	93.0	93.0	93.0	93.2	
74.8	80.0	82.1	83.5	88.3	88.9	91.0	92.2	92.6	93.6	94.2	94.7	94.8	94.8	94.8	94.8	
75.1	80.2	82.6	84.0	88.8	89.4	91.6	93.0	93.3	94.3	95.2	95.9	96.0	96.0	96.0	96.2	
75.2	80.4	82.8	84.3	89.3	89.9	92.2	93.6	94.0	94.9	95.8	96.7	96.8	96.8	96.8	96.9	
75.3	80.5	83.0	84.6	89.8	90.4	92.7	94.1	94.4	96.3	97.2	98.1	98.5	98.5	98.5	98.9	
75.3	80.5	83.0	84.6	89.8	90.4	92.8	94.2	94.6	96.7	97.5	98.5	99.4	99.4	99.4	99.8	
75.3	80.6	83.1	84.7	89.9	90.5	93.0	94.3	94.7	96.8	97.8	98.8	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible] TATALINA AFS AK 75-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

CEILING (FT)	VISIBILITY (STATUTE MILES)															
	10	7	5	4	3	2	1-1/2	1	3/4	1/2	1/4	1/8	0			
22000+	36.5	36.7	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.5	37.6	37.6	37.6	37.6	37.6	37.6
20000	38.1	38.3	38.6	38.6	38.6	38.7	38.7	38.7	38.7	39.1	39.2	39.2	39.2	39.2	39.2	39.2
18000	39.8	40.2	40.4	40.4	40.4	40.6	40.7	40.7	40.7	41.1	41.2	41.2	41.2	41.2	41.2	41.2
16000	40.2	40.6	40.8	40.8	40.8	40.9	41.1	41.1	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6
14000	41.4	41.8	42.1	42.1	42.1	42.2	42.3	42.3	42.3	42.7	42.8	42.8	42.8	42.8	42.8	42.8
12000	42.9	43.3	43.5	43.5	43.5	43.7	43.8	43.8	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3
10000	45.2	45.5	45.9	45.9	45.9	46.0	46.2	46.2	46.2	46.5	46.7	46.7	46.7	46.7	46.7	46.7
9000	46.0	46.4	46.8	46.8	46.8	46.9	47.0	47.0	47.1	47.5	47.6	47.6	47.6	47.6	47.6	47.6
8000	48.1	48.5	49.1	49.1	49.1	49.3	49.4	49.4	49.5	50.0	50.1	50.1	50.1	50.1	50.1	50.1
7000	52.5	53.0	53.6	53.6	53.6	53.7	53.8	53.8	54.1	54.6	54.7	54.7	54.7	54.7	54.7	54.7
6000	54.3	54.8	55.5	55.5	55.5	55.6	55.7	55.7	55.8	56.5	56.6	56.6	56.6	56.6	56.6	56.6
5000	56.1	56.9	57.8	57.8	57.8	57.9	58.1	58.1	58.2	58.8	58.9	58.9	58.9	58.9	58.9	58.9
4500	56.8	57.9	58.8	58.8	58.8	58.9	59.1	59.1	59.2	59.8	59.9	59.9	59.9	59.9	59.9	59.9
4000	57.8	59.2	60.2	60.2	60.2	60.3	60.4	60.4	60.5	61.2	61.3	61.3	61.3	61.3	61.3	61.3
3500	60.2	61.7	62.7	62.7	62.8	62.9	63.0	63.2	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0
3000	61.5	63.5	64.6	64.9	65.1	65.4	65.9	66.0	66.1	66.7	66.9	66.9	66.9	66.9	66.9	66.9
2500	64.1	66.5	68.4	68.7	69.1	69.4	69.9	70.0	70.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8
2000	66.1	69.0	71.0	71.3	72.3	72.6	73.1	73.4	73.6	74.2	74.3	74.3	74.3	74.3	74.3	74.3
1800	66.6	69.6	71.7	72.1	73.1	73.3	73.9	74.3	74.4	75.1	75.2	75.2	75.2	75.2	75.2	75.2
1600	69.6	73.0	75.6	75.9	77.0	77.3	77.9	78.3	78.4	79.0	79.2	79.2	79.4	79.4	79.4	79.4
1400	71.0	74.8	77.7	78.7	80.0	80.4	81.0	81.4	81.5	82.1	82.3	82.3	82.5	82.5	82.5	82.5
1200	72.2	76.2	79.0	80.0	81.6	82.0	83.3	84.2	84.4	85.0	85.2	85.2	85.5	85.5	85.5	85.5
1000	72.3	77.0	80.1	81.1	82.9	83.4	84.9	86.1	86.7	87.1	87.5	87.5	87.7	87.7	87.7	87.7
900	73.2	77.7	81.0	82.1	84.0	84.6	86.2	87.8	88.1	89.0	89.3	89.3	89.6	89.6	89.6	89.6
800	73.6	78.0	81.4	82.5	84.4	85.1	86.7	88.3	88.6	89.6	90.0	90.0	90.2	90.2	90.2	90.2
700	73.7	78.3	81.6	82.8	84.9	85.6	87.3	89.3	89.6	91.1	91.4	91.4	91.7	91.7	91.7	91.7
600	73.9	78.8	82.1	83.5	86.2	87.0	88.8	90.8	91.2	92.7	93.5	93.8	94.2	94.2	94.2	94.2
500	73.9	79.0	82.6	84.0	86.8	87.6	89.5	91.8	92.2	93.7	94.7	94.9	95.3	95.3	95.3	95.4
400	74.1	79.2	82.8	84.1	87.2	88.0	89.8	92.2	92.6	94.4	95.5	95.9	96.7	96.7	96.7	97.0
300	74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.4	96.5	97.1	98.9	98.9	98.9	99.3
200	74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.7	96.9	97.5	99.3	99.3	99.5	100.0
100	74.1	79.2	83.1	84.6	87.7	88.5	90.3	92.7	93.1	95.7	96.9	97.5	99.3	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 626

USAFETAC [illegible]

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATE TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1930-2000

36.8	37.8	37.9	38.1	38.1	38.1	39.5	39.5	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.5	
37.1	38.3	38.3	38.6	38.6	38.6	39.9	39.9	39.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	
37.9	39.1	39.1	39.5	39.7	39.7	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	
38.1	39.3	39.3	39.7	39.8	39.8	40.2	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
39.5	40.7	40.7	41.0	41.2	41.2	41.5	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
41.2	42.4	42.4	42.7	42.9	42.9	43.2	43.2	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	
44.4	45.6	45.6	46.0	46.2	46.2	46.5	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
44.8	46.0	46.0	46.3	46.5	46.5	46.8	46.8	46.8	47.0	47.0	47.0	47.0	47.0	47.0	47.0	
47.4	48.5	48.5	48.9	49.1	49.1	49.4	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	
50.5	51.8	51.8	52.1	52.3	52.3	52.6	53.0	53.0	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
52.5	53.8	53.8	54.2	54.4	54.4	54.7	55.0	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
54.2	55.6	55.7	56.1	56.4	56.4	56.8	57.1	57.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8	
55.4	56.8	56.9	57.3	57.6	57.8	58.1	58.5	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
56.8	58.8	59.0	59.3	59.7	59.8	60.2	60.5	60.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
58.3	60.5	60.7	61.2	61.7	61.9	62.2	62.6	62.6	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
60.5	62.7	63.1	63.6	64.4	64.6	65.1	65.5	65.5	66.2	66.2	66.2	66.2	66.2	66.2	66.2	
64.3	67.4	67.7	68.2	69.2	69.4	70.3	70.6	70.6	71.3	71.3	71.3	71.3	71.3	71.3	71.3	
67.4	70.6	71.3	71.8	73.0	73.2	74.2	74.4	74.4	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
66.5	71.8	72.5	73.0	74.2	74.4	75.2	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
69.2	74.4	75.2	75.7	77.3	77.4	79.1	79.5	79.5	80.2	80.2	80.2	80.2	80.2	80.2	80.2	
72.0	76.8	77.6	78.3	80.0	80.2	81.9	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9	
73.3	78.3	79.3	80.0	82.2	82.4	84.8	85.3	85.3	86.0	86.2	86.2	86.2	86.2	86.2	86.2	
74.2	79.1	80.2	80.9	83.1	83.6	86.8	87.5	87.5	88.4	88.5	88.5	88.5	88.5	88.5	88.5	
74.4	79.5	80.5	81.2	83.4	83.9	87.4	88.0	88.0	88.9	89.1	89.1	89.1	89.1	89.1	89.1	
74.9	80.3	81.4	82.1	84.4	85.0	88.7	89.4	89.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	
74.9	80.3	81.4	82.1	84.4	85.0	89.4	90.3	90.3	91.6	91.8	91.8	91.8	91.8	91.8	91.8	
75.4	80.9	81.9	82.6	85.8	86.3	91.5	92.5	92.5	93.8	94.2	94.5	94.5	94.5	94.5	94.5	
75.4	81.0	82.2	82.9	86.2	86.7	91.8	92.8	92.8	94.2	94.7	95.0	95.4	95.4	95.4	95.7	
75.6	81.2	82.4	83.1	86.7	87.2	92.3	93.3	93.3	95.2	95.7	96.4	96.8	96.8	96.8	97.3	
75.6	81.4	82.6	83.2	86.8	87.4	92.5	93.5	93.5	96.2	97.1	98.1	99.3	99.3	99.3	100.0	
75.6	81.4	82.6	83.2	86.8	87.4	92.5	93.5	93.5	96.2	97.1	98.1	99.3	99.3	99.3	100.0	
75.6	81.4	82.6	83.2	86.8	87.4	92.5	93.5	93.5	96.2	97.1	98.1	99.3	99.3	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS 585

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7745 TATALINA AFS AK 75-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

34.2	34.9	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	
34.9	35.7	35.7	35.7	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.5	36.5	
35.9	37.1	37.1	37.1	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	37.8	37.8	
36.3	37.5	37.5	37.5	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2	38.2	38.2	
37.5	38.6	38.6	38.6	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4	39.4	39.4	
39.4	40.5	40.5	40.5	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.3	41.3	
41.9	43.1	43.1	43.1	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	
42.9	44.0	44.0	44.0	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8	44.8	44.8	
45.6	46.7	46.7	46.7	47.3	47.5	47.7	48.1	48.1	48.1	48.1	48.1	48.3	48.3	48.3	48.3	
51.9	53.1	53.1	53.3	53.9	54.1	54.2	54.6	54.6	54.8	54.8	54.8	55.0	55.0	55.0	55.0	
52.9	54.2	54.2	54.4	55.0	55.2	55.4	55.8	55.8	56.2	56.2	56.2	56.4	56.4	56.4	56.4	
53.9	55.2	55.2	55.4	56.0	56.2	56.4	56.8	56.8	57.1	57.1	57.1	57.3	57.3	57.3	57.3	
54.1	55.4	55.4	55.6	56.2	56.4	56.6	56.9	56.9	57.3	57.3	57.3	57.5	57.5	57.5	57.5	
56.0	58.5	58.5	58.7	59.3	59.5	59.7	60.0	60.0	60.4	60.4	60.4	60.6	60.6	60.6	60.6	
58.7	61.2	61.2	61.4	62.0	62.2	62.4	62.7	62.7	63.1	63.1	63.1	63.3	63.3	63.3	63.3	
60.4	63.5	63.5	63.7	64.5	64.7	64.9	65.3	65.3	65.6	65.8	65.8	66.0	66.0	66.0	66.0	
63.9	68.0	68.1	68.7	69.7	69.9	70.1	70.5	70.5	70.8	71.0	71.0	71.2	71.2	71.2	71.2	
67.6	72.0	72.4	73.2	74.3	74.5	74.9	75.7	75.7	76.1	76.3	76.3	76.4	76.4	76.4	76.4	
68.9	73.7	74.1	74.9	76.1	76.3	76.6	77.4	77.4	77.8	78.0	78.0	78.2	78.2	78.2	78.2	
69.3	74.3	74.7	75.5	77.0	77.2	78.0	78.8	78.8	79.5	79.7	79.7	79.9	79.9	79.9	79.9	
71.4	77.2	77.6	78.4	79.9	80.1	81.3	82.0	82.1	82.8	83.0	83.0	83.2	83.2	83.2	83.2	
72.0	78.6	79.0	79.7	81.7	81.9	84.0	84.7	84.7	85.5	86.1	86.1	86.3	86.3	86.3	86.3	
73.0	79.7	80.1	80.9	83.0	83.6	86.7	87.5	87.5	88.2	88.8	88.8	89.0	89.0	89.0	89.0	
73.2	79.9	80.3	81.1	83.2	83.8	86.9	87.6	87.6	88.6	89.2	89.2	89.4	89.4	89.4	89.4	
73.6	80.7	81.5	82.2	84.6	85.1	88.4	89.2	89.2	90.2	90.7	90.7	90.9	90.9	90.9	90.9	
73.6	80.9	81.7	82.4	84.7	85.3	88.6	89.4	89.4	90.3	90.9	90.9	91.1	91.1	91.1	91.1	
73.6	81.3	82.2	83.0	85.5	86.1	91.1	91.9	91.9	93.6	94.2	94.2	94.4	94.4	94.4	94.4	
73.6	81.7	82.6	83.4	86.1	86.7	91.7	93.1	93.1	95.0	95.6	95.6	95.8	95.8	95.8	95.8	
73.6	81.9	82.8	83.6	86.3	86.9	91.9	93.2	93.2	95.4	95.9	96.3	96.7	96.7	96.7	96.7	
73.6	81.9	82.8	83.6	86.3	86.9	92.3	93.6	93.6	97.1	98.1	98.6	99.4	99.4	99.4	99.4	
73.6	81.9	82.8	83.6	86.3	86.9	92.3	93.6	93.6	97.3	98.3	98.8	100.0	100.0	100.0	100.0	
73.6	81.9	82.8	83.6	86.3	86.9	92.3	93.6	93.6	97.3	98.3	98.8	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 519

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

41.1	41.7	41.8	41.9	42.1	42.2	42.3	42.3	42.3	42.4	42.5	42.5	42.6	42.6	42.6	42.6	
42.0	42.7	42.8	42.9	43.2	43.3	43.4	43.4	43.4	43.5	43.6	43.6	43.7	43.7	43.7	43.7	
43.3	43.9	44.1	44.2	44.6	44.6	44.8	44.8	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	
43.5	44.2	44.3	44.4	44.8	44.9	45.0	45.1	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.3	
44.2	44.9	45.0	45.1	45.6	45.6	45.8	45.8	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.1	
45.8	46.4	46.6	46.7	47.1	47.2	47.3	47.4	47.4	47.5	47.6	47.6	47.6	47.6	47.6	47.6	
47.9	48.6	48.8	48.9	49.3	49.4	49.6	49.6	49.6	49.7	49.8	49.8	49.9	49.9	49.9	49.9	
48.6	49.3	49.4	49.5	50.0	50.1	50.2	50.3	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.6	
51.1	51.9	52.1	52.2	52.7	52.8	53.0	53.1	53.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5	
55.0	55.8	56.0	56.1	56.7	56.8	57.0	57.2	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.6	
56.1	56.9	57.2	57.3	57.9	58.0	58.2	58.4	58.4	58.7	58.7	58.8	58.8	58.8	58.8	58.8	
57.3	58.4	58.7	58.8	59.5	59.6	59.9	60.0	60.0	60.3	60.4	60.4	60.5	60.5	60.5	60.5	
58.4	59.5	59.8	59.9	60.6	60.7	61.0	61.1	61.1	61.4	61.5	61.5	61.6	61.6	61.6	61.6	
59.8	61.2	61.5	61.7	62.4	62.5	62.8	62.9	63.0	63.2	63.3	63.4	63.4	63.4	63.4	63.4	
61.9	63.6	64.0	64.1	64.9	65.0	65.4	65.5	65.5	65.8	65.9	65.9	66.0	66.0	66.0	66.0	
63.7	65.7	66.2	66.5	67.6	67.8	68.5	68.6	68.7	68.9	69.0	69.1	69.1	69.1	69.1	69.1	
65.7	68.3	69.0	69.3	70.6	70.9	71.7	71.8	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	
67.7	70.7	71.7	72.1	73.7	74.1	74.9	75.2	75.2	75.5	75.6	75.6	75.7	75.7	75.7	75.7	
68.4	71.5	72.6	73.1	74.8	75.2	76.1	76.3	76.3	76.6	76.7	76.8	76.8	76.8	76.8	76.8	
69.8	73.4	74.7	75.3	77.1	77.6	78.8	79.1	79.1	79.4	79.5	79.6	79.7	79.7	79.7	79.7	
71.5	75.5	77.0	77.8	80.0	80.6	82.-	82.4	82.4	82.8	82.9	82.9	83.0	83.0	83.0	83.0	
72.5	76.8	78.5	79.4	82.0	82.6	84.6	85.3	85.4	85.7	85.9	86.0	86.1	86.1	86.1	86.1	
73.4	78.0	79.6	80.7	83.4	84.3	86.7	87.6	87.8	88.2	88.4	88.5	88.6	88.6	88.6	88.6	
74.0	78.6	80.5	81.6	84.5	85.6	88.2	89.5	89.6	90.1	90.4	90.4	90.6	90.6	90.6	90.6	
74.3	79.2	81.1	82.3	85.2	86.4	89.1	90.4	90.6	91.1	91.4	91.5	91.6	91.6	91.6	91.6	
74.4	79.4	81.3	82.6	85.5	86.7	89.7	91.2	91.4	92.1	92.6	92.7	92.9	92.9	92.9	92.9	
74.6	79.9	81.8	83.1	86.5	87.7	91.0	92.7	92.9	94.0	94.7	95.0	95.3	95.3	95.3	95.3	
74.7	80.1	82.1	83.4	86.9	88.1	91.5	93.5	93.8	94.9	95.9	96.3	96.6	96.7	96.7	96.8	
74.7	80.2	82.2	83.5	87.3	88.5	91.9	94.0	94.3	95.6	96.6	97.2	97.6	97.7	97.8	98.0	
74.7	80.2	82.3	83.7	87.5	88.8	92.2	94.3	94.6	96.4	97.5	98.3	99.0	99.1	99.3	99.5	
74.7	80.2	82.3	83.7	87.5	88.8	92.2	94.3	94.6	96.6	97.8	98.5	99.4	99.5	99.7	100.0	
74.7	80.2	82.3	83.7	87.5	88.8	92.3	94.4	94.6	96.7	97.8	98.5	99.5	99.6	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 5951

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible]15 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0000-0200

51.5	52.5	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.4	53.8	53.8	53.8	53.8	
52.5	53.6	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.4	54.5	54.5	54.9	54.9	54.9	54.9	
54.4	55.5	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.2	56.3	56.3	56.7	56.7	56.7	56.7	
55.1	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.9	57.1	57.1	57.4	57.4	57.4	57.4	
55.2	56.3	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.7	57.7	57.7	57.7	
55.8	56.9	57.3	57.3	57.7	57.7	57.7	57.7	57.7	57.8	57.9	57.9	58.3	58.3	58.3	58.3	
56.8	57.9	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.8	58.9	58.9	59.3	59.3	59.3	59.3	
57.8	58.9	59.3	59.3	59.7	59.7	59.7	59.7	59.7	59.8	59.9	59.9	60.3	60.3	60.3	60.3	
61.5	62.6	63.0	63.0	63.3	63.3	63.5	63.5	63.5	63.6	63.7	63.7	64.1	64.1	64.1	64.1	
64.5	65.6	65.9	65.9	66.3	66.4	66.5	66.5	66.5	66.7	66.8	66.8	67.2	67.2	67.2	67.2	
66.9	68.0	68.4	68.4	68.9	69.1	69.6	69.6	69.6	69.9	70.0	70.0	70.4	70.4	70.4	70.4	
69.5	70.6	71.0	71.0	71.5	71.7	72.2	72.2	72.2	72.4	72.6	72.6	72.9	72.9	72.9	72.9	
70.8	72.0	72.3	72.3	72.8	73.1	73.6	73.6	73.6	73.8	73.9	73.9	74.3	74.3	74.3	74.3	
72.0	73.3	73.8	73.9	74.4	74.7	75.2	75.2	75.2	75.4	75.5	75.5	75.9	75.9	75.9	75.9	
73.2	74.8	75.3	75.6	76.1	76.4	76.9	76.9	76.9	77.1	77.2	77.2	77.6	77.6	77.6	77.6	
74.4	76.0	76.5	77.0	77.6	77.9	78.7	78.7	78.7	79.0	79.1	79.1	79.5	79.5	79.5	79.5	
76.9	78.8	79.5	80.0	81.4	81.7	82.5	82.5	82.5	82.8	82.9	82.9	83.3	83.3	83.3	83.3	
77.6	80.6	81.2	81.7	83.1	83.9	84.7	84.7	84.7	85.0	85.1	85.1	85.5	85.5	85.5	85.5	
78.7	81.9	82.7	83.1	84.7	85.5	86.3	86.3	86.3	86.6	86.7	86.7	87.1	87.1	87.1	87.1	
79.3	82.9	83.8	84.5	86.6	87.3	88.2	88.2	88.2	88.4	88.6	88.6	88.9	88.9	88.9	88.9	
79.8	83.5	84.4	85.1	87.2	87.9	88.9	88.9	88.9	89.2	89.3	89.3	89.7	89.7	89.7	89.7	
80.1	83.9	84.7	85.5	87.7	88.4	89.7	90.3	90.3	90.5	90.7	90.7	91.0	91.0	91.0	91.0	
80.6	84.4	85.2	86.0	88.2	88.9	90.2	90.9	90.9	91.1	91.3	91.3	91.6	91.6	91.6	91.6	
80.7	85.0	85.9	86.6	89.3	90.0	91.4	92.4	92.4	92.6	93.0	93.0	93.4	93.4	93.4	93.4	
80.8	85.1	86.0	86.7	89.4	90.2	91.5	92.6	92.6	92.9	93.2	93.2	93.8	93.8	93.8	93.8	
81.3	85.6	86.5	87.2	89.9	90.7	92.3	93.5	93.5	94.0	94.3	94.3	95.1	95.1	95.1	95.1	
81.5	86.1	87.0	87.7	90.4	91.1	93.5	94.7	94.7	95.2	95.6	95.6	96.3	96.3	96.3	96.3	
81.7	86.2	87.1	88.1	90.8	91.5	94.3	95.6	95.6	96.1	96.4	96.4	97.2	97.2	97.2	97.2	
81.7	86.2	87.1	88.1	90.8	91.5	95.2	96.7	96.7	97.3	97.7	97.7	98.5	98.5	98.5	98.5	
81.7	86.2	87.1	88.1	90.8	91.5	95.3	97.0	97.0	98.4	98.8	98.8	99.8	99.8	99.8	99.8	
81.7	86.2	87.1	88.1	90.8	91.5	95.3	97.2	97.2	98.5	98.9	98.9	100.0	100.0	100.0	100.0	
81.7	86.2	87.1	88.1	90.8	91.5	95.3	97.2	97.2	98.5	98.9	98.9	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0900

56.2	57.1	57.7	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6	58.6		
56.7	57.5	58.3	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2		
57.5	58.4	59.1	59.1	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1		
57.5	58.4	59.1	59.1	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1		
58.3	58.9	59.6	59.6	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7		
58.3	59.1	59.9	59.9	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	60.9		
59.1	60.0	60.7	60.7	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8		
59.7	60.6	61.3	61.3	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5		
62.9	63.7	64.5	64.5	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.8	65.8		
65.5	66.4	67.3	67.4	68.6	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2		
66.8	68.1	69.0	69.1	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9		
68.9	70.2	71.0	71.2	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1		
70.1	71.4	72.3	72.4	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3		
72.3	73.7	74.7	74.8	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8		
73.4	74.9	76.0	76.2	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2		
74.5	76.3	77.4	77.5	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8		
76.2	78.0	79.3	79.4	81.6	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5		
77.0	79.2	80.8	81.0	83.2	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0		
77.1	79.7	81.3	81.6	83.8	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6		
78.3	81.0	82.6	83.2	86.3	87.5	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3		
78.7	81.6	83.3	84.1	87.1	88.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8		
79.1	82.0	83.7	84.4	87.7	88.9	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5		
79.2	82.1	83.8	84.5	87.8	89.1	90.0	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8		
79.3	82.4	84.1	84.8	88.1	89.3	90.4	90.9	90.9	91.4	91.4	91.4	91.5	91.5	91.6	91.6		
79.4	82.5	84.2	84.9	88.2	89.4	90.9	91.4	91.4	91.8	91.8	91.8	92.3	92.3	92.5	92.5		
80.4	83.5	85.2	85.9	89.5	90.8	92.3	92.8	92.8	93.4	93.4	93.4	93.9	93.9	94.0	94.0		
80.4	83.6	85.3	86.0	89.9	91.1	93.3	93.8	93.8	94.5	94.5	94.5	95.0	95.0	95.1	95.1		
80.9	84.1	85.8	86.5	90.4	91.6	94.6	95.1	95.1	95.9	96.0	96.0	96.5	96.5	96.6	96.6		
80.9	84.1	85.8	86.5	90.4	91.6	94.8	95.5	95.5	96.2	96.4	96.4	97.3	97.3	97.4	97.4		
81.0	84.2	86.0	86.7	90.8	92.0	95.3	96.2	96.2	97.3	97.4	97.4	98.7	98.7	98.8	99.0		
81.0	84.2	86.0	86.7	90.8	92.0	95.3	96.6	96.6	97.8	97.9	97.9	99.6	99.6	99.8	100.0		
81.0	84.2	86.0	86.7	90.8	92.0	95.3	96.6	96.6	97.8	97.9	97.9	99.6	99.6	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2315 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

54.0	55.1	55.4	55.5	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.2	56.2	
55.3	56.4	56.8	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	
56.5	57.6	58.0	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	
57.1	58.1	58.5	58.6	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	
57.2	58.3	58.7	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	
58.5	59.6	59.9	60.0	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.7	60.7	
59.6	60.7	61.0	61.1	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.8	61.8	
59.8	60.9	61.3	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	
63.3	64.4	64.8	64.9	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	65.7	
65.7	67.0	67.5	67.7	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	
67.4	68.9	69.4	69.7	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	
68.6	70.2	70.6	70.9	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.9	71.9	
69.4	71.0	71.5	71.7	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	
71.7	73.4	74.2	74.4	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	
73.7	75.4	76.2	76.6	77.5	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	
74.3	76.4	77.3	77.7	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	
75.6	78.1	79.0	79.5	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	
77.3	79.9	81.1	81.6	83.7	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	
77.3	80.1	81.4	81.9	83.9	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	
77.7	80.6	82.0	82.5	84.7	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	
78.3	81.4	82.7	83.4	86.0	86.7	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.5	87.5	
78.9	82.1	83.4	84.2	87.5	88.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	
79.2	82.3	83.9	84.7	88.2	89.2	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2	
79.3	82.5	84.0	84.8	88.3	89.3	90.7	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.5	91.5	
79.7	82.8	84.4	85.3	89.0	90.0	92.1	92.7	92.7	92.7	92.7	92.7	92.9	92.9	93.1	93.1	
80.5	83.7	85.3	86.1	90.0	91.1	93.5	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.5	94.5	
80.8	83.9	85.5	86.4	90.6	91.7	94.6	95.2	95.2	95.2	95.2	95.2	95.6	95.6	95.7	95.7	
81.0	84.2	85.9	86.8	91.1	92.2	95.4	96.2	96.2	96.3	96.3	96.3	96.7	96.7	96.8	96.8	
81.3	84.2	85.9	86.8	91.1	92.2	95.6	96.7	96.7	97.2	97.2	97.2	98.3	98.3	98.4	98.4	
81.3	84.2	85.9	86.8	91.1	92.2	95.7	97.1	97.1	97.7	97.7	97.7	99.1	99.1	99.3	99.3	
81.3	84.2	85.9	86.8	91.1	92.2	95.7	97.1	97.1	97.8	97.8	97.8	99.9	99.9	100.0	100.0	
81.0	84.2	85.9	86.8	91.1	92.2	95.7	97.1	97.1	97.8	97.8	97.8	99.9	99.9	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 0315 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

46.6	47.6	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.9	47.9	
47.7	48.7	48.7	48.8	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	
49.0	50.0	50.0	50.1	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.5	50.5	
49.4	50.5	50.5	50.6	50.6	50.7	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.0	51.0	
49.5	50.7	50.7	50.9	50.9	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	
51.8	53.0	53.0	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	
53.4	54.9	54.9	55.0	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.4	55.4	
54.4	55.8	55.8	56.0	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	
58.6	60.2	60.2	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	
64.2	65.8	65.8	65.9	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	
65.9	67.5	67.5	67.8	68.0	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	
68.4	70.1	70.1	70.3	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	
69.1	70.9	71.0	71.4	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1	72.1	
71.2	73.0	73.1	73.6	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.5	74.5	
73.2	75.3	75.5	76.3	76.6	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3	77.3	
74.7	76.9	77.4	78.1	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	
76.2	79.1	80.2	81.0	81.9	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	
76.8	79.9	81.0	81.9	83.0	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	
77.3	80.4	81.5	82.5	83.7	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7	
79.6	82.4	83.7	84.8	86.5	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	
79.2	83.0	84.3	85.8	88.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.7	89.7	
79.2	83.1	84.5	86.0	88.7	89.3	90.1	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.5	90.5		
80.0	84.3	85.9	87.3	90.0	90.9	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7		
80.3	84.7	86.4	87.8	90.5	91.4	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.3	93.3		
80.7	85.2	87.0	88.4	91.1	92.0	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0		
81.0	85.6	87.8	89.3	92.0	92.8	94.8	94.8	94.9	95.1	95.1	95.3	95.3	95.3	95.4	95.4		
81.0	85.6	87.8	89.3	92.0	92.8	94.8	95.0	95.1	95.7	95.7	95.9	96.1	96.1	96.2	96.2		
81.1	85.8	88.0	89.4	92.3	93.2	95.3	95.5	95.6	96.2	96.2	96.4	96.6	96.6	96.7	96.7		
81.4	86.0	88.3	89.8	92.9	93.8	96.0	96.4	96.5	97.4	97.4	97.6	97.9	97.9	98.1	98.1		
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	99.1	99.1	99.3	99.3		
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	99.4	99.4	99.5	100.0		
81.4	86.0	88.3	89.8	93.1	93.9	96.2	96.7	96.8	97.8	97.8	97.9	99.4	99.4	99.5	100.0		

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2345 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

44.3	45.0	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
46.1	46.8	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	
46.9	47.7	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
47.2	47.9	48.2	48.2	48.4	48.4	48.4	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
47.3	48.0	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.9	48.9	48.9	48.9	48.9	48.9	48.9	
49.4	50.1	50.4	50.4	50.9	50.9	50.9	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	
51.5	52.2	52.4	52.4	53.1	53.1	53.1	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
52.6	53.4	53.7	53.7	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
59.2	60.0	60.3	60.3	60.9	60.9	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	
65.3	66.4	66.6	66.6	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	
68.1	69.2	69.4	69.6	70.3	70.3	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	
69.8	71.0	71.3	71.4	72.1	72.1	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	
70.0	71.4	71.6	71.9	72.6	72.6	72.7	72.7	72.7	73.1	73.1	73.1	73.1	73.1	73.1	73.1	
71.6	73.1	73.5	73.7	74.4	74.4	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
73.1	74.6	74.9	75.3	76.0	76.0	76.2	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
74.7	76.5	76.9	77.3	78.2	78.2	78.4	78.4	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	
78.1	80.1	80.6	80.9	82.2	82.2	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	
79.2	81.7	82.3	82.9	84.5	84.5	84.6	84.6	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2	
79.8	82.3	82.9	83.5	85.1	85.1	85.2	85.2	85.2	85.6	85.9	85.9	85.9	85.9	85.9	85.9	
80.4	83.0	83.9	84.7	87.0	87.0	87.8	87.9	87.9	88.4	88.8	88.8	88.8	88.8	88.8	88.8	
80.8	83.6	84.6	85.7	88.1	88.1	89.1	89.4	89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	
80.9	83.9	85.3	86.6	89.5	89.5	90.5	90.7	90.7	91.2	91.6	91.6	91.6	91.6	91.6	91.6	
81.4	84.8	86.3	87.7	90.8	90.8	92.1	92.3	92.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2	
81.8	85.5	87.0	88.6	91.9	91.9	93.2	93.6	93.6	94.5	94.9	94.9	94.9	94.9	94.9	94.9	
82.0	85.8	87.4	89.1	92.4	92.4	93.8	94.3	94.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	
82.2	86.2	88.0	89.7	93.0	93.0	94.6	95.5	95.5	96.6	96.9	96.9	96.9	96.9	96.9	96.9	
82.3	86.3	88.1	89.9	93.4	93.4	95.0	95.8	95.8	96.9	97.3	97.3	97.4	97.4	97.4	97.4	
82.3	86.3	88.1	89.9	93.4	93.4	95.1	96.2	96.2	97.3	98.0	98.0	98.5	98.5	98.5	98.5	
82.3	86.3	88.1	89.9	93.5	93.5	95.2	96.6	96.6	97.7	98.4	98.5	99.0	99.0	99.0	99.0	
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.3	99.0	99.1	99.6	99.6	99.6	99.6	
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.4	99.1	99.3	99.9	99.9	99.9	100.0	
82.3	86.3	88.1	89.9	93.5	93.5	95.6	97.1	97.1	98.4	99.1	99.3	99.9	99.9	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS 818

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

73.6 TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1500-1700

44.6	45.5	45.5	45.6	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3	
46.2	47.1	47.1	47.3	47.4	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8	
47.2	48.1	48.1	48.3	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	
47.2	48.1	48.1	48.3	48.7	48.8	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	
47.6	48.5	48.5	48.7	49.1	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	
50.3	51.2	51.2	51.4	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	
51.4	52.3	52.3	52.6	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5	
52.2	53.1	53.1	53.3	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	
56.0	56.9	56.9	57.2	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	58.1	58.1	58.1	58.1	
60.8	61.9	61.9	62.3	62.8	62.9	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	
62.9	64.4	64.5	64.9	65.4	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.2	66.2	66.2	66.2	
66.7	68.1	68.2	68.6	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	
66.7	68.1	68.2	68.6	69.1	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	
68.5	69.9	70.0	70.4	71.2	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	
70.8	72.3	72.4	72.8	73.6	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	
72.3	73.8	74.1	74.5	75.4	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2	
74.2	76.3	76.8	77.6	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1	
76.2	78.6	79.5	80.3	82.7	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	
76.5	79.0	79.9	80.6	83.1	83.6	83.7	83.8	83.8	83.8	83.8	83.8	84.0	84.0	84.0	84.0	
77.3	79.9	80.9	82.1	84.9	85.6	86.0	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	
77.4	80.3	81.4	82.8	85.8	86.9	87.6	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	
78.5	81.4	82.6	84.4	87.8	89.0	89.7	90.1	90.1	90.4	90.4	90.4	90.5	90.5	90.5	90.5	
78.7	82.1	83.2	85.1	88.6	89.7	91.0	91.4	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	
79.5	82.9	84.1	86.2	89.7	90.9	92.2	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.1	93.1	
79.6	83.1	84.5	86.7	90.4	91.5	92.9	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0	
79.7	83.3	84.7	86.9	90.8	91.9	93.6	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	
79.9	83.6	85.0	87.2	91.0	92.2	94.4	95.4	95.4	95.8	95.8	95.8	96.3	96.3	96.3	96.5	
79.9	83.6	85.1	87.3	91.2	92.4	94.7	96.2	96.2	96.7	97.1	97.1	97.9	97.9	97.9	98.2	
79.9	83.6	85.1	87.3	91.2	92.4	94.9	96.4	96.4	97.2	97.6	97.8	98.7	98.7	98.7	99.0	
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.3	99.4	99.4	99.4	99.6	
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.5	99.7	99.7	99.7	100.0	
79.9	83.6	85.1	87.3	91.2	92.4	95.0	96.5	96.5	97.7	98.1	98.5	99.7	99.7	99.7	100.0	

TOTAL NUMBER OF OBSERVATIONS 780

USAF ETAC [illegible] 0-74-5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 03.5 TATALINA AFS AK 73-75,77-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 1800-2000

51.3	52.9	52.9	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	
52.9	54.4	54.4	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
53.1	54.6	54.6	55.0	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
53.1	54.6	54.6	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
53.1	54.6	54.6	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
53.4	55.0	55.0	55.3	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
53.8	55.3	55.3	55.7	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
54.6	56.1	56.1	56.5	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
57.1	58.8	58.8	59.2	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	
62.4	64.7	64.7	65.1	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	
64.7	67.0	67.0	67.4	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	
65.6	68.3	68.3	68.7	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	
67.2	69.8	69.8	70.2	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	
68.5	71.4	71.4	71.8	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
69.7	72.1	72.1	72.5	73.5	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	
70.4	73.5	73.5	73.9	75.0	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	
72.5	76.0	76.0	76.5	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
73.9	77.9	77.9	78.4	80.7	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
74.8	78.8	78.8	79.4	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
75.8	80.3	80.3	81.1	83.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	
76.3	81.1	81.5	82.8	85.7	86.3	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	
76.7	81.7	82.1	83.4	86.5	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
76.9	82.3	82.6	84.0	87.2	87.8	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
76.9	82.3	82.6	84.0	87.2	87.8	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	
77.1	82.4	83.0	84.4	87.6	88.2	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	
77.3	82.6	83.2	84.5	87.8	88.4	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
78.2	83.6	84.5	85.9	89.1	89.7	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.4	
78.6	84.2	84.9	86.3	89.5	90.1	95.0	96.8	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.5	
78.6	84.2	84.9	86.3	89.5	90.1	95.6	97.3	97.3	97.5	97.7	97.9	97.9	97.9	97.9	98.3	
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	98.9	99.0	99.2	99.2	99.2	99.2	99.6	
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	99.0	99.2	99.6	99.6	99.6	99.6	100.0	
78.6	84.2	84.9	86.3	89.5	90.1	95.6	98.1	98.1	99.0	99.2	99.6	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 524

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 6715 TATALINA AFS AK 75-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

49.3	51.1	51.3	51.3	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
49.6	51.5	51.7	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
50.9	53.0	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	
51.1	53.2	53.6	53.6	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
51.1	53.2	53.6	53.6	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
51.5	53.6	53.9	53.9	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	
53.0	55.1	55.4	55.4	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	
54.1	56.2	56.6	56.6	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	
55.8	58.2	58.6	58.6	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	
61.4	63.9	64.2	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
64.6	67.0	67.4	67.4	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
66.3	68.7	69.1	69.1	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
66.9	69.3	69.7	69.7	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	
68.9	71.3	71.7	71.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	
70.2	73.0	73.4	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	
71.0	73.8	74.2	74.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	
72.7	76.0	76.6	76.8	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	
73.8	77.3	78.3	78.5	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
74.5	78.1	79.2	79.4	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	
75.3	79.2	80.3	80.5	82.4	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	
75.8	81.1	82.2	82.4	84.5	84.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
75.8	81.6	82.8	83.0	85.8	86.0	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	
76.8	82.8	84.1	84.3	87.1	87.3	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
77.0	83.0	84.3	84.5	87.3	87.5	88.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	
77.2	83.1	84.5	84.8	87.8	88.0	89.0	89.9	89.9	90.3	90.3	90.3	90.4	90.4	90.4	90.4	
77.7	83.7	85.0	85.4	88.8	89.0	90.6	91.8	91.8	92.1	92.1	92.1	92.3	92.3	92.3	92.3	
79.2	85.4	86.7	87.1	90.4	90.6	93.1	94.6	94.6	94.9	94.9	94.9	95.3	95.3	95.3	95.3	
79.2	85.4	86.7	87.1	90.4	90.6	93.8	95.5	95.5	95.9	96.4	96.6	97.0	97.0	97.0	97.0	
79.2	85.4	86.7	87.1	90.4	90.6	94.4	96.3	96.3	97.0	97.6	97.8	98.1	98.1	98.1	98.3	
79.2	85.4	86.7	87.1	90.4	90.6	94.4	96.8	96.8	98.5	99.1	99.3	99.6	99.6	99.6	100.0	
79.2	85.4	86.7	87.1	90.4	90.6	94.4	96.8	96.8	98.5	99.1	99.3	99.6	99.6	99.6	100.0	
79.2	85.4	86.7	87.1	90.4	90.6	94.4	96.8	96.8	98.5	99.1	99.3	99.6	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS 534

USAFETAC [illegible] PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

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

2

CEILING VERSUS VISIBILITY

...TATION TATALINA AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

49.7	50.8	51.3	51.1	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.6	51.5	51.7	51.7	
50.9	51.9	52.2	52.3	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8	52.9	52.9	
52.0	53.1	53.3	53.4	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.1	54.1	
52.2	53.4	53.6	53.7	54.1	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	
52.4	53.6	53.8	53.9	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	
53.8	54.9	55.2	55.3	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.1	
55.0	56.2	56.4	56.5	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	
55.8	57.0	57.2	57.3	57.9	57.9	58.0	58.1	58.2	58.1	58.1	58.1	58.1	58.1	58.2	58.2	
59.6	60.9	61.1	61.2	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.1	62.1	
63.9	65.3	65.6	65.8	66.4	66.5	66.6	66.6	66.6	66.7	66.7	66.7	66.8	66.8	66.8	66.8	
66.0	67.6	67.9	68.1	68.8	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.3	69.3	69.3	69.3	
68.2	69.8	70.1	70.3	71.0	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.6	71.6	
69.0	70.6	70.9	71.1	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	
70.8	72.5	72.9	73.2	74.0	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	
72.3	74.2	74.7	75.1	75.9	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5	76.5	
73.5	75.6	76.1	76.5	77.4	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.2	78.2	
75.5	78.0	78.7	79.2	80.8	81.1	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6	
76.7	79.6	80.5	81.0	82.8	83.3	83.7	83.7	83.7	83.8	83.8	83.8	83.9	83.9	84.0	84.0	
77.2	80.2	81.1	81.7	83.6	84.1	84.5	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.7	
78.1	81.3	82.4	83.1	85.5	86.0	86.6	86.6	86.6	86.7	86.8	86.8	86.9	86.9	86.9	86.9	
78.5	82.0	83.2	84.2	86.7	87.4	88.2	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.6	88.6	
78.9	82.5	83.8	84.8	87.8	88.5	89.4	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.1	90.1	
79.3	83.2	84.5	85.6	88.5	89.4	90.6	90.9	91.0	91.1	91.2	91.2	91.3	91.3	91.3	91.3	
79.6	83.6	84.9	86.1	89.2	90.0	91.3	91.8	91.8	92.1	92.2	92.2	92.3	92.3	92.3	92.3	
79.8	83.9	85.3	86.5	89.7	90.4	91.9	92.5	92.5	92.9	93.0	93.0	93.2	93.2	93.2	93.2	
80.3	84.4	85.9	87.1	90.4	91.2	93.0	93.8	93.8	94.2	94.3	94.3	94.5	94.5	94.6	94.6	
80.6	84.8	86.3	87.5	91.0	91.7	94.1	95.0	95.0	95.5	95.6	95.6	96.0	96.0	96.0	96.1	
80.8	85.0	86.5	87.8	91.3	92.0	94.8	95.9	95.9	96.4	96.7	96.7	97.2	97.2	97.3	97.3	
80.8	85.0	86.6	87.8	91.4	92.1	95.2	96.4	96.5	97.2	97.5	97.6	98.2	98.2	98.3	98.4	
80.	85.0	86.6	87.8	91.4	92.2	95.4	96.9	96.9	98.0	98.3	98.4	99.3	99.3	99.4	99.5	
80.	85.0	86.6	87.8	91.4	92.2	95.4	97.0	97.0	98.1	98.4	98.6	99.7	99.7	99.8	100.0	
80.8	85.0	86.6	87.8	91.4	92.2	95.4	97.0	97.0	98.1	98.4	98.6	99.7	99.7	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 5934

...AGE STAT... ...TABLE OF A ...

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

CEILING VERSUS VISIBILITY

...TALINA AFS AK 73-81 ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

40.7	41.1	41.1	41.2	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6
43.3	43.7	43.8	43.8	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	
44.6	45.2	45.3	45.3	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.9	45.9	
45.5	45.4	45.5	45.6	45.8	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.1	46.1	46.1	46.1	
46.4	46.8	46.9	46.0	46.2	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.5	46.5	46.5	46.5	
46.7	47.1	47.2	47.2	47.5	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
49.2	49.6	49.7	49.8	50.0	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	
51.2	51.3	51.4	51.5	51.7	51.7	51.8	51.8	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	
54.9	55.3	55.5	55.5	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.0	56.1	56.1	56.1	56.1	
60.3	60.6	60.7	60.8	61.1	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	
62.1	62.7	62.9	63.0	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.7	63.7	63.7	63.7	
65.1	65.8	66.0	66.1	66.5	66.5	66.7	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	
66.7	67.5	67.7	67.8	68.2	68.3	68.4	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	
71.7	71.9	71.9	72.0	72.5	72.5	72.7	72.8	72.8	72.9	72.9	72.9	73.0	73.0	73.0	73.0	
73.9	74.9	75.0	75.4	75.9	75.9	76.1	76.2	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	
76.5	77.5	77.9	78.1	78.8	78.9	79.1	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5	
78.5	79.9	80.4	80.6	81.4	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	
80.5	82.2	82.8	83.1	84.0	84.2	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1	
81.2	83.0	83.7	84.0	84.9	85.2	85.6	85.7	85.7	85.9	85.9	85.9	86.0	86.0	86.0	86.0	
82.4	84.4	85.2	85.6	86.7	87.0	87.5	87.7	87.7	87.9	87.9	88.0	88.0	88.0	88.0	88.1	
83.6	85.9	86.7	87.2	88.5	88.9	89.6	89.6	89.8	90.0	90.0	90.1	90.1	90.1	90.2	90.2	
84.4	86.6	87.7	88.2	89.7	90.1	91.0	91.3	91.4	91.6	91.7	91.7	91.8	91.9	91.8	91.8	
89.1	97.6	89.6	89.2	90.8	91.3	92.3	92.7	92.8	93.0	93.1	93.2	93.3	93.3	93.3	93.3	
85.4	88.1	89.1	89.8	91.5	92.0	93.2	93.7	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	
85.7	88.5	89.6	90.3	92.1	92.7	93.9	94.5	94.5	94.9	95.1	95.1	95.2	95.2	95.3	95.3	
85.9	88.8	91.0	90.7	92.6	93.1	94.6	95.2	95.2	95.8	96.0	96.0	96.2	96.2	96.2	96.3	
86.1	89.1	91.3	91.0	93.1	93.7	95.3	96.0	96.1	96.8	97.0	97.1	97.3	97.4	97.4	97.5	
86.1	89.2	91.5	91.3	93.4	94.0	95.8	96.6	96.7	97.5	97.8	97.9	98.2	98.3	98.4	98.4	
86.2	89.3	91.6	91.4	93.6	94.2	96.0	96.9	97.0	97.9	98.3	98.4	98.9	98.9	99.1	99.1	
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.2	98.6	98.8	99.4	99.4	99.6	99.7	
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.3	98.7	98.9	99.6	99.6	99.8	100.0	
86.2	89.4	91.7	91.5	93.7	94.3	96.2	97.1	97.2	98.3	98.7	98.9	99.6	99.6	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS 69875

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

...NAL CLIMATOLOGY BRANCH
...FETAC
...WEATHER ...SCHOOL/MAC

SKY COVER

...TALIA AFB, SA — ...-... — ...

STATION — STATION NAME — YEARS — HOURS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	STA.
		0	1	2	3	4	5	6	7	8	9			
...	...-...	...9			...5						...1	...7	...	...
	...-...	...			...6						...1	...	...	...
	...-...	...8			...3						...3	...	...	...
	...-...	...7			...1						...3	...	...	...
	...-...	...1			...3						...7	...4	...	...
	...-...	...			...7						...7	...3	...	...
	...-...	...4			...9						...4	...	...	...
	...-...	...3			...7						...1	...3	...	...
TOTALS		...7			16.9						15.9	46.2	...8	...

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

SKY COVER

STATION	STATION NAME	PERIOD	YEARS
...2.	CATALINA AFC AK	7?-81	...

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
...L	2-2	41.3			22.4						...?	33.1	4.5	564
	5-5	43.			17.2						...3	35.7	4.5	71
	8-8	31.7			21.5						13.2	33.7	5.2	77
	11-11	24.5			19.3						23.5	32.5	5.2	737
	14-14	24.7			21.9						22.1	31.3	5.1	777
	17-17	25.7			21.6						21.9	31.4	5.2	672
	20-20	28.3			24.2						16.7	29.5	5.2	599
	23-23	39.			17.2						9.4	31.2	4.6	597
TOTALS		32.4			19.9						16.4	32.3	5.2	5043

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

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

SKY COVER

... TATALINA AFS AK 73-81 ...AR
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF ...	TOTAL NUMBER OF ...
		0	1	2	3	4	5	6	7	8	9	10		
MA...	0-02	20.4			21.5						17.0	30.1	...6	747
	3-05	24.2			17.5						14.4	41.6	...1	...
	6-08	12.1			2 .5						23.7	43.7	...1	...
	9-11	12.2			20.8						24.6	42.3	...1	...
	12-14	13.3			21.4						26.1	41.2	...1	...
	15-17	13.1			17.3						26.3	39.3	...1	751
	18-20	14.7			24.0						23.7	34.7	...7	685
	21-23	21.9			25.3						21.2	31.7	...3	...
TOTALS		17.2			21.3						22.2	39.4	...6	...79

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

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

SKY COVER

[illegible] TATALINA AFS AK 77-84 APR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	23.3			25.6						15.7	35.4	[illegible].7	734
	3-05	17.[illegible]			26.3						20.6	36.[illegible]	[illegible].3	611
	06-08	12.5			22.9						23.1	41.5	8.9	8[illegible]
	9-11	13.2			23.8						22.3	40.6	8.9	611
	12-14	13.1			21.1						24.6	40.[illegible]	[illegible].1	611
	15-17	13.4			19.4						25.4	44.[illegible]	[illegible].4	611
	18-20	[illegible].2			18.7						24.[illegible]	47.1	[illegible].5	60[illegible]
	21-23	15.[illegible]			21.3						24.5	36.7	[illegible].7	573
TOTALS		14.[illegible]			22.7						22.5	40.9	8.[illegible]	[illegible]941

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SKY COVER

[illegible] TATALINA AFS AK 71-81 [illegible]
STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	0-2	6.1			27.7						32.6	33.6	7.1	757
	3-5	5.4			22.4						34.9	37.2	7.5	833
	6-8	5.6			21.6						31.9	40.9	7.6	834
	9-11	4.6			21.6						34.8	39.0	7.7	833
	12-14	2.7			14.3						41.2	42.9	7.9	834
	15-17	2.6			13.2						41.2	43.0	8.4	837
	18-20	3.3			15.4						36.2	45.1	8.2	838
	21-23	2.9			21.2						33.7	43.2	7.9	834
TOTALS		4.3			19.6						35.4	40.9	7.8	6276

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

SKY COVER

[illegible] | ANCHORAGE AFS AK | 77-81 | JUL
STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible] OF TENTHS OF TOTAL SKY COVER	TOTAL NUMBER OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	2-02	2.2			[illegible]						27.9	[illegible]	[illegible]	[illegible]
	5-05	1.6			18.3						29.7	50.4	[illegible]	789
	8-08	1.6			17.2						29.6	52.5	[illegible]	789
	11-11	.9			14.1						33.7	51.3	[illegible]	787
	13-14	.5			9.5						41.2	48.9	[illegible]	787
	16-17	.4			13.1						42.5	43.7	[illegible]	741
	[illegible]				[illegible]						47.8	43.	[illegible]	454
	21-23	.4			14.9						37.7	47.	[illegible]	683
TOTALS		1.[illegible]			14.3						36.1	48.7	[illegible]	5551

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

L FAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

5[illegible] TATALINA AFS AK 7[illegible]8 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	0-02	2.[illegible]			23.9						27.8	46.3	7.8	741
	03-05	3.9			17.7						29.4	51.1	[illegible].2	[illegible]3
	06-08	2.2			16.2						28.9	52.7	[illegible].4	6[illegible]3
	09-11	2.1			13.6						33.[illegible]	51.3	[illegible].6	671
	12-14	1.1			11.8						38.4	48.7	[illegible].7	8[illegible]3
	15-17	.9			11.8						40.5	46.5	[illegible].7	7[illegible]1
	18-20	.4			16.5						39.4	43.7	[illegible].4	4[illegible]7
	21-23	.9			21.7						31.2	46.3	[illegible].1	525
TOTALS		1.6			16.7						33.6	48.[illegible]	[illegible].4	[illegible]674

OL AL CLIMATOLOGY BRANCH
USAFETAC
AI WEATHER SERVICE/MAC

SKY COVER

7 23. TATALINA AFS AK 73-81 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		
AUG	00-02	11.7			21.3						23.6	38.7	6.8	77
	3-05	5.9			20.3						25.9	43.3	7.4	87
	06-08	3.6			19.7						28.9	48.5	7.7	277
	09-11	2.9			23.6						23.0	46.5	8.0	276
	12-14	2.4			16.5						35.3	42.9	8.2	371
	15-17	.9			16.9						43.2	39.2	8.3	64
	18-20	2.0			20.9						36.7	38.3	7.9	549
	21-23	4.9			26.3						31.2	37.6	7.4	377
TOTALS		4.3			21.4						32.5	41.9	7.8	2634

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

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

SKY COVER

[illegible] TATALINA AFS AK 77-81

STATION STATION NAME PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN [illegible]	TOTAL NO. OBS
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	0-2	11.7			21.3						16.4	49.3	7.	71
	03-05	5.5			22.5						17.3	50.7	7.3	77
	06-08	4.7			19.7						17.0	54.2	7.1	79
	09-11	4.3			17.0						22.6	53.1	7.1	79
	12-14	5.1			17.4						19.2	48.3	7.	74
	15-17	3.5			16.5						22.6	47.7	7.	65
	18-20	1.8			21.1						27.5	49.5	7.1	34
	21-23	6.2			21.2						20.9	47.8	7.4	8
TOTALS		5.9			21.0						24.2	50.0	7.8	644

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

[illegible] TATALINA AFS, AK [illegible] [illegible]
STATION STATION NAME PERIOD YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN	
		0	1	2	3	4	5	6	7	8	9	10		
[illegible]	[illegible]	11.1			17.7						14.5	56.6	[illegible]	7.4
	03-05	11.4			15.9						15.2	57.6	[illegible]	6.1
	06-08	8.6			14.3						17.9	61.2	[illegible]	6.1
	09-11	4.4			11.5						22.9	61.2	[illegible]	5.1
	12-14	4.3			[illegible]						24.5	61.1	[illegible]	5.2
	15-17	3.5			12.1						23.3	59.1	[illegible]	5.1
	[illegible]	[illegible]			13.7						21.9	63.2	[illegible]	5.3
	21-23	5.3			15.7						17.7	59.7	[illegible]	5.1
TOTALS		5.3			13.5						21.2	59.1	6.2	5.7

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

STATION _____ STATION NAME _____ PERIOD _____

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TOTAL SKY COVER	MEAN OPAQUE SKY COVER
		0	1	2	3	4	5	6	7	8	9	10		
NOV	01-02	20.3			12.4						12.7	49.4	5.7	7.1
	04-05	20.7			10.1						13.2	44.7	4.1	5.1
	07-08	17.2			7.9						17.4	47.7	4.3	5.4
	10-11	10.7			5.7						22.4	49.1	7.4	9.1
	13-14	8.9			10.6						25.1	47.8	7.4	9.1
	16-17	11.4			6.7						22.3	49.1	7.4	9.1
	19-20	13.7			10.3						18.1	53.7	7.1	8.4
	22-23	13.1			8.3						15.1	53.9	7.1	9.1
TOTALS		15.3			10.7						17.3	48.7	6.9	8.3

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

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN			
		0	1	2	3	4	5	6	7	8				
TOTALS														

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

SKY COVER

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	MEAN	TOTAL OBS.
[illegible]	[illegible]	[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						.1	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						17.3	[illegible]	[illegible]	[illegible]
[illegible]		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]
TOTALS		[illegible]			[illegible]						[illegible]	[illegible]	[illegible]	[illegible]

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

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.

The dew point and wet bulb data in this section should be viewed with caution. When the dry bulb temperature was below -35°F dew points were not transmitted, (FMH-1B). As a result, during the colder months the mean dew points are actually lower than indicated.
Since wet bulb temperatures are calculated from the dew points, they are also biased toward higher values. In fact, some of the mean wet bulb values are higher than the concurrent dry bulb values.

...AL CLIMATOLOGY BRANCH
...TAC
A... WEATHER SERVICE/MAC
...345 TATALINA AFS AK
STATION NAME

53-59, 66, 71-81
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]						.2	1.2	.2					.[illegible]
5						2.7	4.1	1.7					.7
7[illegible]					.6	9.1	16.2	6.4					2.7
7[illegible]					3.3	24.5	33.4	18.0	1.2				[illegible].7
45					9.6	45.2	54.5	36.3	5.2				1[illegible].7
[illegible]				.6	25.9	62.3	74.4	57.5	14.2				17.[illegible]
9				3.3	51.2	80.5	91.0	80.8	31.9	.2			25.8
[illegible]			.2	10.7	70.9	95.2	98.4	93.6	52.9	2.9			35.9
4[illegible]		.2	1.3	21.4	86.5	99.2	100.0	99.4	73.7	7.6	.[illegible]		41.3
[illegible]	.6	1.5	7.5	44.9	96.8	99.6		100.0	88.[illegible]	16.3	1.6	.2	47.[illegible]
3[illegible]	3.2	4.9	21.1	64.4	99.2	100.0			97.6	36.9	5.4	2.3	53.[illegible]
3[illegible]	8.7	9.1	36.7	79.2	100.0				99.6	55.9	14.5	6.4	57.9
2[illegible]	16.3	17.4	47.6	88.3					100.0	75.1	21.9	12.4	62.6
[illegible]	24.6	25.7	60.5	95.1						85.5	35.3	1[illegible]	72.4
1[illegible]	36.4	36.3	69.9	97.5						94.2	52.6		79.[illegible]
1[illegible]	45.5	49.[illegible]	79.3	99.4						98.5	76.2		86.7
[illegible]	55.1	59.2	87.9	99.6						99.2	91.2	[illegible]	95.7
[illegible]	63.[illegible]	69.9	92.1	100.0						100.0	97.[illegible]	53.3	89.[illegible]
-8	70.9	80.9	95.3								98.5	64.3	92.[illegible]
-10	79.3	89.4	97.7								99.8	78.1	95.[illegible]
-15	85.6	95.5	99.6								99.9	84.1	97.[illegible]
-2[illegible]	92.1	98.9	100.0								100.[illegible]	91.9	98.[illegible]
-25	95.7	99.8										97.1	99.4
-3[illegible]	99.1	100.0										99.6	99.9
-35	99.8											99.8	100.[illegible]
-4[illegible]	100.0											100.0	100.[illegible]
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
[illegible]													
MEAN	5.7	6.8	21.7	37.1	54.1	62.9	65.7	61.8	50.3	30.6	15.[illegible]	2.4	34.7
S D	17.570	15.053	14.047	11.150	8.238	8.881	9.254	8.[illegible]55	8.624	9.719	12.575	9.474	[illegible].660
TOTAL OBS	492	471	521	486	498	473	488	[illegible]32	501	515	447	484	5713

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

2

...AL CLIMATOLOGY BRANCH
...AFETAC
...WEATHER SERVICE/MAC
...3.5 TATALINA AFS AK
STATION STATION NAME

53-55, 66, 70-81
YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN'L
65						.6	1.1						..
60						2.3	5.3	1.1					.7
55					.2	11.1	21.4	9.6					7.3
50					2.8	34.1	57.3	39.8	2.6				11.4
45					11.6	63.8	90.9	76.9	17.6				21.2
40				1.2	39.2	91.0	98.9	93.6	49.7	1.7			31.4
35		.4	.2	6.8	73.3	98.7	100.0	98.5	69.7	7.5	.2		38.1
33		.6	.8	13.4	83.3	99.0		99.2	75.0	11.5	1.1	.6	42.8
30	1.8	1.9	4.4	26.1	94.2	100.0		100.0	86.8	25.0	2.6	1.2	45.6
25	3.7	4.2	14.4	50.0	98.6				97.4	44.3	6.2	2.7	51.1
20	8.1	8.3	24.6	63.8	99.4				99.4	61.9	13.8	7.2	57.8
15	14.4	13.6	36.1	75.7	99.6				100.0	75.6	24.3	11.1	64.2
10	26.0	22.9	48.0	84.3	100.0					87.4	36.6	16.8	69.9
5	37.8	33.3	58.2	91.8						93.6	53.4	23.2	74.6
0	45.3	42.5	69.9	97.1						96.7	69.4	33.1	79.5
-5	55.1	54.1	78.5	98.8						98.4	78.3	43.1	84.1
-10	63.3	65.2	86.2	99.2						99.6	87.0	53.6	88.
-15	72.2	73.7	93.6	99.8						100.0	94.3	67.4	91.8
-20	80.1	82.2	95.3	100.0							98.5	79.9	94.7
-25	87.4	92.4	98.1								99.4	87.1	97.2
-30	92.9	97.7	99.8								99.8	94.3	98.7
-35	96.3	99.8	100.0								100.0	98.2	99.6
-40	98.6	100.0										99.6	99.8
-45	100.0											100.0	100.0
MEAN	-3.7	-3.5	7.3	21.7	37.8	47.3	50.6	47.9	38.0	21.7	5.1	-7.1	21.9
S D	17.439	15.788	15.063	13.680	5.824	6.55	4.975	5.306	6.844	10.173	12.802	15.830	23.844
TOTAL OBS	492	471	571	486	498	479	473	532	501	515	479	487	5934

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

...AL CLIMATOLOGY BRANCH
...FETAC
...WEATHER SERVICE/MAC
7 27.5 STATION — TATALINA AFS, AK STATION NAME — 53-56, 58, 7[illegible]-81 YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]						.5	.4						.1
7						2.1	4.7	.9					.9
65					.2	7.2	10.5	5.4					3.7
6					2.4	29.7	40.2	23.7	1.2				8.1
55					10.7	53.8	71.7	54.1	7.[illegible]				19.[illegible]
5				.6	29.9	76.5	93.2	82.7	25.1				2[illegible].9
45				4.3	60.1	95.2	99.4	96.2	52.7	2.1			34.[illegible]
[illegible]		.2	.4	15.0	83.5	99.2	100.0	99.6	75.4	7.2	.2		4[illegible].4
35	.5	1.7	4.8	34.6	97.2	100.0		100.0	88.8	19.4	1.3	.6	4[illegible].2
[illegible]	.8	4.2	16.1	58.8	99.[illegible]				97.8	41.9	5.3	2.1	53.[illegible]
25	3.1	8.1	29.9	71.6	99.6				100.0	60.8	13.9	6.8	5[illegible].[illegible]
[illegible]	14.6	16.3	41.5	8[illegible].3	1[illegible].0					79.2	23.[illegible]	10.3	64.[illegible]
1	26.2	24.2	53.7	91.4						86.5	36.3	17.8	7[illegible].[illegible]
15	37.4	33.8	65.1	96.3						94.2	55.3	24.[illegible]	7[illegible].[illegible]
[illegible]	46.3	43.2	75.8	98.8						97.3	73.2	33.3	8[illegible].[illegible]
[illegible]	55.1	56.9	82.9	99.2						99.0	82.5	42.8	[illegible].[illegible]
-5	63.4	66.[illegible]	89.6	99.8						99.8	86.4	55.[illegible]	9[illegible].[illegible]
-10	71.7	76.6	93.3	100.0						100.0	93.[illegible]	65.7	9[illegible].[illegible]
-15	78.7	80.2	96.7								97.3	79.3	9[illegible].[illegible]
-20	87.3	94.3	99.2								99.3	84.7	9[illegible].[illegible]
-25	91.9	98.3	100.0								100.0	92.6	9[illegible].[illegible]
-30	96.1	99.3										97.7	99.[illegible]
-35	98.6	100.0										99.8	99.[illegible]
-40	100.0											100.0	100.0
MEAN	.3	2.7	14.5	29.7	46.2	55.2	55.4	53.1	44.4	26.4	10.4	-2.4	2[illegible].[illegible]
S D	17.304	15.415	14.479	[illegible].121	8.675	7.152	6.167	6.[illegible]73	7.254	[illegible].725	12.556	[illegible].123	[illegible].69[illegible]
TOTAL OBS	492	471	521	486	498	476	473	532	501	515	447	484	589[illegible]

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

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

[illegible] DEGREES FAHRENHEIT

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64*	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32*	[illegible]	[illegible]
[illegible]	[illegible]	17*	[illegible]	[illegible]	72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	67	[illegible]	37	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	35	47	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	76	[illegible]	[illegible]	45	[illegible]	[illegible]
[illegible]	[illegible]	47	44	57	[illegible]	72	[illegible]	74	53	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	42	37	[illegible]	[illegible]	73	77	76	79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
MEAN	[illegible]	33.2	[illegible]	[illegible]	[illegible]	76.9	[illegible]	75.1	64.8	[illegible]	[illegible]	[illegible]	[illegible]
S.D.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4.167	[illegible]	5.427	6.346	[illegible]	[illegible]	[illegible]
TOTAL OBS.	[illegible]	471	[illegible]	[illegible]	493	[illegible]	483	[illegible]	[illegible]	515	447	[illegible]	[illegible]

NOTES * (BASED ON LESS THAN FULL MONTHS)

\# (AT LEAST ONE DAY LESS THAN 24 OBS)

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

EXTREME VALUES

FROM DAILY OBSERVATIONS

STATION [illegible] STATION NAME [illegible] YEARS

WHOLE DEGREES FAHRENHEIT

MONTH / YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
[illegible]			-51*	-11	0	31	44*	43	44	24	17*	-2	-
35	-24	-30	-4	-3	30	32	37	34	[illegible]	[illegible]	-1*	-	-
50	-31	-52	-31	-17	31	36	44	42	22	-7	-21	-31	-31
77	-23	-32	-1	0	28	44	43	44	31	-1*	-2	-2	-2
[illegible]								[illegible]	18	-2	-14	-	
71	-41	-28	-31	-6	28	35	39	37	29	[illegible]	-10	-	-
72	-23*	-22	-21	-4	27	31	42*	44*	22*	14	[illegible]	-2	-
73	-43*	-16	-15	14*	31*	38*	44*	43	21	[illegible]	-7*	-	-
74	-1*	-23*	-24	4	24	31	42*	34*	32*	6	-26*	-17	-
75	-4	-30	-21	2	26	37	43	36	26*	-1	-2	-	-
76	-14	-33	-9	4	29	41	38	44	24	-14	-14	-2	-
77	-6	-7	-17	-12	21	43	45	43	27	[illegible]	[illegible]	-	-
78	-14	-31	-12	1	31	35	44	44	29	[illegible]	-6	-12	-
79	-13	-26	-18	5	31	33	42	43	23	19	1	-	-
[illegible]	-41	-13	-14	2	34	36	44	36	22	12	[illegible]	-3	-
[illegible]	-2	-26	11	9	23	37	38	43	27	14	-7	-7	-
MEAN	-25.3	-26.1	-14.4	2.1	20.1	37.1	41.5	38.5	25.3	4.1	-13.2	-7.3	-34.
S.D.	13.117	8.669	12.362	6.342	3.055	3.836	2.704	4.014	5.412	9.954	9.251	9.264	2.5
TOTAL OBS.	49	47	221	420	496	473	473	532	504	513	47	47	12

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
40/ 39				.1														1	1	
38/ 37			.4															3	3	
36/ 35		.1	.4															4	4	
34/ 33		.7	.1															6	6	7
32/ 31	.6	1.6	.4															18	18	15 7
30/ 29	.1	1.3																10	10	12 4
28/ 27	.1	1.1	.1															10	10	11 16
26/ 25	.8	3.2																29	29	15 10
24/ 23	.3	3.1																24	24	37 11
22/ 21	.4	3.1																25	25	23 12
20/ 19	3.7	1.7	.4															34	34	34 35
18/ 17	.7	3.8	.7															37	37	24 33
16/ 15	3.4	4.2	.3															56	58	61 23
14/ 13	2.0	1.8	.4															30	30	33 35
12/ 11	3.5	4.1																54	54	43 47
10/ 9	1.7	3.9																40	40	45 36
8/ 7	1.6	2.0																25	25	37 32
6/ 5	2.0	.8																20	20	28 44
4/ 3	1.6	1.0																18	18	14 38
2/ 1	1.7	2.1																27	27	24 47
0/ -1	3.2	.3																25	25	31 24
-2/ -3	2.7	.8																25	25	26 10
-4/ -5	4.4	.4																34	34	33 15
-6/ -7	2.4	.1																18	18	20 18
-8/ -9	.7																	5	5	5 28
-10/-11	1.8																	13	14	13 28
-12/-13	1.7																	12	12	12 17
-14/-15	1.8																	13	13	13 11
-16/-17	2.5																	18	18	16 12
-18/-19	1.6																	11	11	11 7
-20/-21	1.7																	12	12	12 13
-22/-23	1.1																	8	8	8 16
-24/-25	1.0																	7	7	7 10
-26/-27	2.1																	15	16	15 12

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 2 0000-2300 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.1																	8	8	8	9
-30/-31	1.1																	8	9	6	14
-32/-33	.3																	6	6	6	11
-34/-35																			6		3
-36/-37																			3		17
-38/-39																			4		16
-40/-41																			1		5
-48/-49																					1
-50/-51																					1
TOTAL	55.0	41.5	3.4	.1															727		709
																		709		709	

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.	4038270	52744	74.4	12.719	709							
Dry Bulb	232212	3904	5.4	17.058	727	32.5	91.2					93
Wet Bulb	197119	3987	5.6	15.708	709	32.3	92.1					93
Dew Point	229319	-209	-.3	17.995	709	39.1	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 TATALINA AFS AK 73-81 JAN
STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
41/ 39				.3														2	2		
39/ 37				.3														2	2		
37/ 35			.7															5	5		
34/ 33		.9	.1															8	8	6	
32/ 31		1.3	.3															12	12	13	2
30/ 29	.4	1.9	.1															18	18	12	8
28/ 27	.3	2.7	.1	.1														24	24	24	11
26/ 25	.7	1.2	.1															15	15	22	22
24/ 23	.3	2.4	.1															23	23	25	14
22/ 21	1.3	2.1																26	26	25	20
20/ 19	1.3	3.6	.4															40	40	37	32
18/ 17	1.6	2.8	.9															40	40	41	22
16/ 15	2.3	3.5	.5															47	47	43	30
14/ 13	3.2	2.8	.1															46	46	46	42
12/ 11	3.7	4.0																50	50	47	43
10/ 9	2.1	2.4																34	34	48	29
8/ 7	2.3	2.4	.1															36	36	35	40
6/ 5	1.1	.9																15	15	25	32
4/ 3	1.3	.5																14	14	12	40
2/ 1	2.8	1.9																35	35	36	36
0/ -1	2.8	.8																27	27	34	26
-2/ -3	2.8	.5																25	25	30	12
-4/ -5	4.5	.1																35	35	36	23
-6/ -7	2.1	.1																17	17	16	21
-8/ -9	2.0																	15	15	16	30
-10/-11	1.9																	14	14	14	28
-12/-13	1.3																	10	10	10	15
-14/-15	1.6																	12	13	12	15
-16/-17	1.9																	14	14	14	10
-18/-19	1.6																	12	12	12	7
-20/-21	1.9																	14	14	14	11
-22/-23	2.1																	16	16	16	13
-24/-25	1.6																	12	12	12	13
-26/-27	1.5																	11	12	11	14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72325 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JAN — MONTH

PAGE 2 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-29	1.6																	12	13	12	7
-30/-31	.9																	7	7	7	11
-32/-33	.9																	7	3	7	21
-34/-35																			7		6
-36/-37																			9		13
-38/-39																			3		16
-40/-41																			9		10
-44/-45																			1		
-46/-47																					2
-48/-49																					3
-54/-55																					1
-60/-61																					1
TOTAL	56.3	38.8	3.7	.7															784		752
																		752		752	

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.	4231565	55437	73.7	13.885	752							
Dry Bulb	272332	3290	4.2	18.160	784	34.6	91.3					93
Wet Bulb	212610	3976	5.3	15.972	752	32.5	92.3					93
Dew Point	261395	-641	-.9	18.626	752	40.7	93.0					93

USAFETAC FORM 0-26-3-OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2316 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JAN

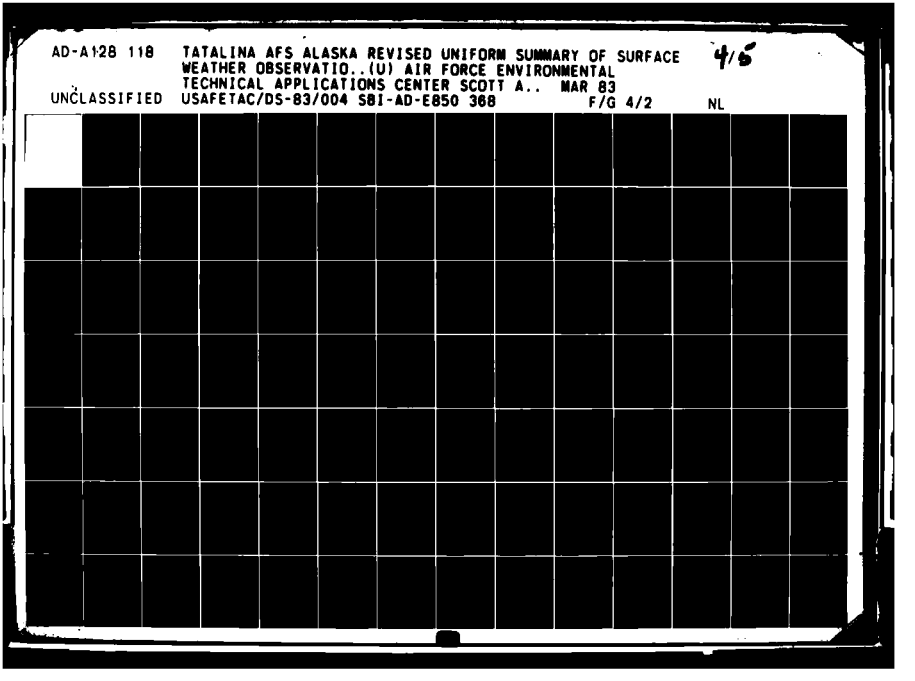
Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
42/ 39				.4	.3													5		
39/ 37			.3	.1														3	7	
37/ 35			.8															8	5	
34/ 33		.4	.1															4	4	11
32/ 31		.3	.3															6	4	7
30/ 29	.4	2.6	.3															25	25	8
28/ 27	.5	2.2	.1															22	22	29
26/ 25	.3	2.6																22	22	21
24/ 23	.7	1.7																18	18	32
22/ 21	.2	1.8																21	21	15
20/ 19	2.5	2.9	.4															44	44	23
18/ 17	.9	2.5	.7															31	31	30
16/ 15	2.4	4.3	.7															53	53	43
14/ 13	2.6	3.6	.1															48	48	51
12/ 11	1.3	2.6																34	34	45
10/ 9	3.3	3.3																50	50	51
8/ 7	1.4	2.9																33	33	21
6/ 5	1.6	.9																19	19	30
4/ 3	1.6	1.4																23	23	24
2/ 1	2.3	.9																22	22	23
0/ -1	4.1	.5																35	35	24
-2/ -3	3.6	.7																32	32	34
-4/ -5	3.2	.3																26	26	28
-6/ -7	1.4	.4																14	14	13
-8/ -9	3.0																	23	23	24
-10/-11	1.3																	10	10	10
-12/-13	.8																	6	6	6
-14/-15	1.3																	10	12	10
-16/-17	2.2																	17	17	17
-18/-19	2.0																	15	15	15
-20/-21	2.1																	16	16	16
-22/-23	3.0																	23	23	23
-24/-25	1.6																	12	12	12
-26/-27	1.4																	11	13	11

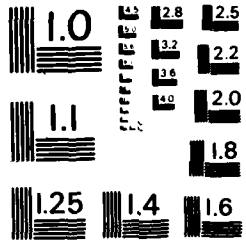
Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

AD-A128 118 TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 368 F/G 4/2 NL





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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 7 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
-28/-29	.8																	6	7	6	16
-30/-31	.8																	6	7	6	12
-32/-33	.8																	6	6	6	20
-34/-35	.4																	3	9	3	7
-36/-37																			9		10
-38/-39																			8		10
-40/-41																			3		8
-42/-43																			1		2
-44/-45																					3
-46/-47																					1
-48/-49																					2
-52/-53																					2
-54/-55																					1
-56/-57																					1
-58/-59																					1
TOTAL	55.1	40.0	4.3	.4	.3														799		770
																		770		770	

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.	4293013	56457	73.3	14.130	770							
Dry Bulb	278559	3305	4.1	18.219	799	34.9	91.0					93
Wet Bulb	219417	3861	5.0	16.129	770	33.2	92.0					93
Dew Point	274577	-939	-1.2	18.857	770	42.0	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 JAN

STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41				.1														1	1		
40/ 39				.3														2	2		
38/ 37			.8	.1														7	7		
36/ 35			.9															7	7	1	
34/ 33		.5	.3															6	6	11	
32/ 31		1.7	.4															16	16	11	1
30/ 29	.4	2.3	.3															23	23	22	8
28/ 27	1.1	2.2	.1															27	27	28	15
26/ 25	.8	2.3																24	24	24	44
24/ 23	.1	1.8																15	15	25	8
22/ 21	.8	1.7																19	19	19	19
20/ 19	1.7	3.4	.4															43	43	26	27
18/ 17	1.4	5.1	1.0															59	59	42	30
16/ 15	2.4	3.2	.4															47	47	68	34
14/ 13	1.0	4.2	.3															43	43	33	48
12/ 11	2.5	3.4	.1															48	48	52	20
10/ 9	1.7	3.9																44	44	51	49
8/ 7	.3	1.8																16	16	26	34
6/ 5	1.1	2.4																28	28	28	33
4/ 3	.4	1.8																17	17	19	37
2/ 1	3.7	1.3																39	39	40	37
0/ -1	2.4																	19	19	24	23
-2/ -3	2.8	.4																25	25	24	23
-4/ -5	3.1																	24	24	25	28
-6/ -7	1.3																	10	10	10	11
-8/ -9	2.7																	21	21	21	22
-10/-11	2.3																	18	18	18	31
-12/-13	1.5																	12	12	12	21
-14/-15	3.1																	24	24	24	11
-16/-17	2.2																	17	17	17	6
-18/-19	1.9																	15	15	15	11
-20/-21	2.0																	16	16	16	14
-22/-23	1.7																	13	15	13	24
-24/-25	1.1																	9	9	9	12

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	.9																	7	8	7	16
-28/-29	.6																	5	5	5	15
-30/-31	1.8																	14	16	14	8
-32/-33	.8																	6	7	6	13
-34/-35																			2		15
-36/-37																			3		12
-38/-39																			2		8
-40/-41																			1		4
-42/-43																					3
-44/-45																					5
-46/-47																					1
-48/-49																					3
-50/-51																					1
-56/-57																					1
TOTAL	51.4	43.3	4.8	.5														786	800	786	786

Element (X)	ΣX^2	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.	4374307	57635	73.3	13.736	786							
Dry Bulb	268818	4698	5.9	17.376	800	31.3	90.3					93
Wet Bulb	231704	4606	5.9	16.149	786	30.8	91.6					93
Dew Point	276673	-275	-.3	18.770	786	40.5	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
40/ 39		.1		.1															2	2		
38/ 37			.9	.3															8	8	1	
36/ 35		.1	1.2																9	9	2	1
34/ 33		.6	.4																7	7	8	
32/ 31	.1	2.7																	19	19	18	3
30/ 29	.6	.6																	8	8	20	11
28/ 27	.7	1.5																	15	15	9	17
26/ 25	.7	3.1																	26	26	18	24
24/ 23	.7	1.0	.1																13	13	26	14
22/ 21	1.5	1.5																	20	20	20	13
20/ 19	1.9	2.8																	32	32	25	34
18/ 17	1.2	3.8	.9																40	40	31	15
16/ 15	4.0	5.4	1.0																71	71	67	23
14/ 13	2.2	2.8	.1																35	35	40	51
12/ 11	2.2	2.2																	30	30	39	37
10/ 9	1.8	4.9																	45	45	41	38
8/ 7	1.5	2.7																	28	28	32	27
6/ 5	.6	1.2																	12	12	23	23
4/ 3	1.9	1.9																	26	26	24	31
2/ 1	2.9	1.0																	27	27	26	46
0/ -1	1.9	.3																	15	15	16	17
-2/ -3	1.6	.7																	16	16	18	25
-4/ -5	1.8	.3																	14	14	14	23
-6/ -7	1.9	.4																	16	16	16	6
-8/ -9	2.4																		16	16	16	15
-10/-11	2.1																		14	14	14	12
-12/-13	1.9																		13	13	13	7
-14/-15	.9																		6	6	6	19
-16/-17	2.8																		19	19	19	12
-18/-19	1.5																		10	10	10	12
-20/-21	1.3																		9	10	9	10
-22/-23	1.3																		9	9	9	13
-24/-25	2.8																		19	19	19	8
-26/-27	.7																		5	6	5	7

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.5																	10	11	10	20
-30/-31	.7																	5	6	5	4
-32/-33	1.2																	8	8	8	11
-34/-35	.3																	2	6	2	9
-36/-37																			2		14
-38/-39																			2		3
-40/-41																			1		8
-42/-43																					8
-44/-45																					4
-46/-47																					1
-48/-49																					1
-50/-51																					1
-58/-59																					1
TOTAL	53.2	41.7	4.7	.4															692		679
																	679			679	

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
Ref. Num.	3888815	50531	74.4	13.757	679							
Dry Bulb	239781	4229	6.1	7.596	692	29.4	89.5					93
Wet Bulb	207792	4218	6.2	6.366	679	28.6	91.5					93
Dew Point	246442	219	.3	9.063	679	37.1	92.9					93

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-75,78-81 (YEARS) JAN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39		.3																1	1		
38/ 37																				1	
36/ 35		.8																3	3		1
34/ 33		.8	.8															6	6	3	
32/ 31	.8	1.3	.5															10	10	8	7
30/ 29	1.3	1.0	.5															11	11	12	4
28/ 27		1.8																7	7	6	6
26/ 25	.8	2.3																12	12	11	9
24/ 23	.3	1.3	.5															8	8	14	4
22/ 21	4.5	1.5																24	24	24	8
20/ 19	3.8	3.0																27	27	24	34
18/ 17	.5	2.3	.5															13	13	14	13
16/ 15	3.8	5.5	.3															38	38	29	17
14/ 13	2.8	2.5	.3															22	22	24	28
12/ 11	4.5	4.0																34	34	30	23
10/ 9	1.8	3.0																19	19	30	18
8/ 7	2.3	3.3																22	22	20	19
6/ 5	.8	2.3																12	12	19	17
4/ 3	1.5	2.3																15	15	14	23
2/ 1	4.5	1.8																25	25	25	35
0/ -1	2.3																	9	9	10	9
-2/ -3	1.3																	5	5	5	15
-4/ -5	1.8																	7	7	7	15
-6/ -7	2.3	.3																10	10	10	7
-8/ -9	1.5																	6	6	6	10
-10/-11	2.0																	8	8	8	8
-12/-13	.5																	2	2	2	6
-14/-15	1.3																	5	5	5	4
-16/-17	.5																	2	2	2	5
-18/-19	1.8																	7	7	7	7
-20/-21	1.0																	4	4	4	4
-22/-23	.8																	3	3	3	4
-24/-25	2.3																	9	9	9	2
-26/-27	2.0																	8	8	8	3

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-75, 78-81 (YEARS) JAN (MONTH)

PAGE 2 1800-2000 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-28/-29	1.3																	5	5	5	8
-32/-33																					5
-34/-35																					5
-36/-37																					9
-38/-39																					7
TOTAL	55.9	40.9	3.3																399		399
																		399		399	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2455454	30972	77.6	11.351	399							
Dry Bulb	120531	3485	8.7	5.045	399	21.0	90.7					93
Wet Bulb	112399	3255	8.2	4.686	399	21.2	92.1					93
Dew Point	114933	1243	3.1	6.705	399	31.0	92.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73,75-81 YEARS | JAN MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.2															1	1		
34/ 33		.9	.4															6	6		
32/ 31	.7	2.5	.9															18	18	10	4
30/ 29	.7	1.6																10	10	17	4
28/ 27		2.0	.2															10	10	10	12
26/ 25	.2	3.8																18	18	12	7
24/ 23	.4	2.0	.4															13	13	18	7
22/ 21	2.0	.9																13	13	19	18
20/ 19	3.6	3.8																33	33	27	26
18/ 17	1.3	1.8																14	14	17	15
16/ 15	5.1	3.6	.4															41	41	36	23
14/ 13	2.2	4.5																30	30	24	34
12/ 11	5.6	3.3																40	40	43	25
10/ 9	.2	4.9																23	23	24	21
8/ 7	.9	4.7																25	25	25	26
6/ 5	1.1	2.2																15	15	26	10
4/ 3	2.5	.7																14	14	16	23
2/ 1	2.0	2.0																18	18	15	47
0/ -1	4.2	.4																21	21	22	17
-2/ -3	1.8																	8	8	10	10
-4/ -5	3.6	.2																17	17	17	16
-6/ -7	1.6																	7	7	7	8
-8/ -9	1.3																	6	6	6	18
-10/-11	.4																	2	2	2	14
-12/-13	.9																	4	4	4	2
-14/-15	1.3																	6	6	6	6
-16/-17	.7																	3	3	3	4
-18/-19	1.3																	6	6	6	7
-20/-21	.2																	1	1	1	
-22/-23	.7																	3	3	3	7
-24/-25	2.0																	9	9	9	5
-26/-27	1.8																	8	8	8	2
-28/-29	.4																	2	2	2	3
-30/-31	.4																	2	2	2	1

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41				.0														1	1		
40/ 39		.0		.2	.1													16	16		
38/ 37			.3	.1														25	25	2	
36/ 35		.1	.7															43	43	3	2
34/ 33		.6	.3															47	47	54	
32/ 31	.2	1.4	.4	.0														107	107	89	26
30/ 29	.5	1.8	.2															128	128	115	48
28/ 27	.5	2.1	.1	.0														144	144	147	96
26/ 25	.6	2.5	.0															165	165	150	159
24/ 23	.5	1.9	.1															130	130	202	98
22/ 21	1.4	1.9																173	173	168	136
20/ 19	2.3	2.8	.2															286	286	223	256
18/ 17	1.1	3.4	.8															280	280	227	183
16/ 15	3.1	4.2	.5															409	411	403	192
14/ 13	2.3	3.1	.2															299	299	309	324
12/ 11	2.8	3.4	.0															331	331	340	276
10/ 9	1.9	3.5	.0															288	288	333	268
8/ 7	1.4	2.8	.0															221	221	233	254
6/ 5	1.2	1.5																140	140	213	192
4/ 3	1.5	1.3																151	151	146	260
2/ 1	2.7	1.5																220	220	217	326
0/ -1	3.0	.4																179	179	190	151
-2/ -3	2.5	.5																161	161	172	153
-4/ -5	3.3	.2																184	184	188	170
-6/ -7	1.9	.2																112	112	113	112
-8/ -9	2.1																	111	111	114	155
-10/-11	1.7																	92	93	92	178
-12/-13	1.3																	69	69	69	102
-14/-15	1.6																	86	89	86	99
-16/-17	2.1																	110	110	110	83
-18/-19	1.7																	90	90	90	67
-20/-21	1.7																	90	91	90	72
-22/-23	1.8																	97	99	97	109
-24/-25	1.7																	91	91	91	67

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31				
-26/-27	1.4																	75	81	75	81
-28/-29	1.1																	59	62	59	93
-30/-31	.9																	49	53	49	61
-32/-33	.7																	37	39	37	112
-34/-35	.1																	6	38	6	59
-36/-37																			34		102
-38/-39																			24		74
-40/-41																			27		43
-42/-43																			1		15
-44/-45																			1		12
-46/-47																					8
-48/-49																					13
-50/-51																					3
-52/-53																					4
-54/-55																					2
-56/-57																					3
-58/-59																					2
-60/-61																					1
TOTAL	54.5	41.1	3.9	.4	.1													5302	5445	5302	5302

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.	30271885	394267	74.4	13.411	5302							
Dry Bulb	1825252	29994	5.5	17.462	5445	251.3	726.0					744
Wet Bulb	1516744	31564	6.0	15.833	5302	242.5	735.7					744
Dew Point	1789536	86	.0	18.373	5302	309.6	743.7					744

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMA

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 0000-2400 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.2															1	1		
40/ 39		.3	.2															3	3		
38/ 37		.6		.3														6	6	3	
36/ 35	.2		.5															4	4	6	1
34/ 33	.6	.2	.8	.3														12	12	4	5
32/ 31	.8	.8	.6	.2														15	16	14	11
30/ 29	.3	1.1	.9															15	15	12	5
28/ 27	.6	2.7	.3															24	24	24	3
26/ 25	.5	2.4																19	19	23	16
24/ 23		.3																2	2	14	11
22/ 21	1.2	1.1																15	15	12	20
20/ 19	1.5	2.4																26	26	22	32
18/ 17	.6	3.8																29	29	19	16
16/ 15	.3	3.2																23	23	27	15
14/ 13	.8	2.6																22	22	28	16
12/ 11	1.8	1.5																22	22	23	22
10/ 9	.9	2.3																21	21	18	32
8/ 7	1.1	2.7																25	25	26	24
6/ 5	1.2	1.7																19	19	25	14
4/ 3	.2	1.7																12	12	11	13
2/ 1	3.2	1.1																28	28	30	17
0/ -1	2.4	.2																17	17	18	24
-2/ -3	4.2	.2																29	29	29	27
-4/ -5	5.9																	39	39	40	19
-6/ -7	4.7	.5																34	34	32	25
-8/ -9	2.4																	16	16	18	28
-10/-11	3.0																	20	20	20	25
-12/-13	3.3																	22	22	22	15
-14/-15	3.2																	21	21	21	17
-16/-17	3.2																	21	21	21	28
-18/-19	3.0																	20	20	20	17
-20/-21	3.3																	22	22	22	23
-22/-23	2.3																	15	15	15	15
-24/-25	1.2																	8	8	8	19

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

USAFETAC FORM 0-26-3 (OL A) JUN 77 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0000-0200 (HOUR)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	2.0																	13	13	13	26
-28/-29	1.4																	9	9	9	21
-30/-31	1.5																	10	10	10	15
-32/-33	.8																	5	5	5	8
-34/-35																					6
-36/-37																					20
-38/-39																					11
-40/-41																					1
-44/-45																					1
TOTAL	63.1	32.8	3.3	.8															665		664
																		664		664	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3718328	49114	74.0	11.357	664							
Dry Bulb	214328	1702	2.6	17.783	665	40.5	80.7					84
Wet Bulb	198537	1315	2.0	17.191	664	40.9	82.4					84
Dew Point	247885	-2635	-4.0	18.924	664	49.5	83.2					84

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 1 0300-0500 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41			.1															1	1	
40/ 39		.1	.4															4	4	1
38/ 37		.3		.3														4	4	2
36/ 35		.1	.1	.6														6	6	4
34/ 33	.4	.1	.6	.1														9	9	6 5
32/ 31	.8	.3	.6	.3														14	14	10 10
30/ 29	1.0	1.3	.6															20	20	19 5
28/ 27	.4	1.1	.3															13	14	18 10
26/ 25	1.0	3.0	.3															30	30	23 11
24/ 23		.3																2	2	20 10
22/ 21	1.5	1.0																18	18	15 31
20/ 19	2.0	1.4																24	24	19 27
18/ 17	.4	2.8																23	23	19 16
16/ 15	.7	2.8																25	25	24 14
14/ 13	1.0	3.4																31	31	35 14
12/ 11	1.7	1.4																22	22	26 23
10/ 9	.4	2.3																19	19	18 33
8/ 7	.7	2.1																20	20	20 27
6/ 5	.8	1.3																15	15	18 13
4/ 3	1.5	1.5																22	22	23 17
2/ 1	3.1	1.1																30	30	30 21
0/ -1	3.9	.1																29	29	30 17
-2/ -3	2.5	.4																21	21	21 27
-4/ -5	5.6	.1																41	41	42 28
-6/ -7	5.6	.3																42	42	40 25
-8/ -9	3.0																	21	21	23 31
-10/-11	3.4																	24	24	24 19
-12/-13	2.0																	14	14	14 20
-14/-15	2.3																	16	16	16 28
-16/-17	4.5																	32	32	32 28
-18/-19	4.6																	33	33	33 22
-20/-21	3.0																	21	21	21 19
-22/-23	2.3																	16	16	16 14
-24/-25	1.5																	11	11	11 28

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0300-0500 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	1.3																	9	9	9	20
-28/-29	1.7																	12	12	12	27
-30/-31	1.5																	11	11	11	16
-32/-33	.8																	6	6	6	10
-34/-35																			3		16
-36/-37																					17
-38/-39																					11
-40/-41																					1
TOTAL	67.1	28.7	3.0	1.3															715		711
																		711		711	

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.	4052657	53015	74.6	11.847	711							
Dry Bulb	230103	1167	1.6	17.878	715	42.5	81.2					84
Wet Bulb	210727	887	1.2	17.183	711	42.6	82.5					84
Dew Point	267781	-3247	-4.6	18.875	711	50.1	83.4					84

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73,75-81 YEARS | JAN MONTH

 2100-2300 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	.2																	1	1	1	4
-34/-35																					3
-36/-37																					12
-38/-39																					4
-40/-41																					2
-42/-43																					1
TOTAL	51.6	45.8	2.7															448	448	448	448

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.	2750016	34738	77.5	11.235	448							
Dry Bulb	132627	4159	9.3	14.503	448	22.0	91.5					93
Wet Bulb	122581	3875	8.6	14.116	448	22.6	93.0					93
Dew Point	121323	1615	3.6	16.075	448	30.3	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (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
44/ 43			.1															1	1		
42/ 41			.3															2	2		
40/ 39																				1	
38/ 37		.3		.3														4	5	2	
36/ 35		.1	.4	.1														5	5	3	
34/ 33	.4	.4	.7															11	11	5	4
32/ 31	.3	1.1	1.1															18	18	12	8
30/ 29	.4	.7	.1															9	9	17	10
28/ 27	.7	1.0	.4															15	15	16	8
26/ 25	.5	1.9	.3															20	20	15	8
24/ 23	.4	1.9																17	17	25	12
22/ 21	1.4	1.0																17	17	18	22
20/ 19	2.1	1.8																28	28	22	34
18/ 17	.1	1.8																14	14	15	15
16/ 15	1.4	3.1																33	33	26	19
14/ 13	1.2	3.0																31	31	35	15
12/ 11	.7	2.2																21	21	28	19
10/ 9	1.0	2.6																26	26	19	37
8/ 7	.1	2.7																21	21	27	25
6/ 5	.8	.7																11	11	15	13
4/ 3	.7	.8																11	11	12	19
2/ 1	4.1	.8																36	36	35	24
0/ -1	3.6	.4																29	29	29	21
-2/ -3	2.6	1.2																28	28	28	15
-4/ -5	4.0	.5																33	33	34	27
-6/ -7	5.6	.3																43	43	44	28
-8/ -9	4.5																	33	33	34	30
-10/-11	2.7																	20	20	20	16
-12/-13	2.1																	15	15	15	14
-14/-15	3.0																	22	22	22	43
-16/-17	3.0																	22	22	22	31
-18/-19	4.7																	34	34	34	19
-20/-21	3.4																	25	25	25	22
-22/-23	2.7																	20	20	20	23

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

PAGE 2 0600-0800 (HOURS (L. S. T.))

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-24/-25	2.2																	16	16	16	23
-26/-27	1.0																	7	7	7	19
-28/-29	1.6																	12	12	12	24
-30/-31	1.6																	12	12	12	24
-32/-33	1.2																	9	9	9	16
-34/-35																					11
-36/-37																			3		16
-38/-39																					15
-40/-41																					2
TOTAL	65.8	30.4	3.4	.4															735		731
																		731		731	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4166293	54499	74.6	11.888	731							
Dry Bulb	234764	708	1.0	17.866	735	43.8	81.3					84
Wet Bulb	215533	429	.6	17.173	731	44.0	82.7					84
Dew Point	281617	-3823	-5.2	18.931	731	50.4	83.5					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
44/ 43			.3															2	2		
42/ 41			.1															1	1		
40/ 39				.3														2	2	2	
38/ 37		.1		.1														2	2	1	
36/ 35		.3	.5	.3														8	8	3	2
34/ 33	.7	1.5	.3															18	18	11	7
32/ 31	.4	1.1	1.8															24	24	17	12
30/ 29	.4	1.0	.3															12	12	16	7
28/ 27	.5	1.1	.1															13	13	26	7
26/ 25	.3	1.5	.4															16	16	12	17
24/ 23	.3	2.0	.1															18	18	15	13
22/ 21	1.5	2.0	.3															28	28	31	26
20/ 19	1.6	2.7	.4															35	35	26	28
18/ 17	.7	1.8																18	18	24	18
16/ 15	1.1	2.2																24	24	30	22
14/ 13		3.4																25	25	17	19
12/ 11	.8	1.9																20	20	27	19
10/ 9	.8	2.9																27	27	25	27
8/ 7	.7	2.2																21	21	19	25
6/ 5	.7	2.2																21	21	29	18
4/ 3	.7	1.5																16	16	17	24
2/ 1	2.2	2.9																37	37	30	19
0/ -1	4.2	.4																34	34	41	21
-2/ -3	3.7	1.0																34	34	34	22
-4/ -5	3.3	.4																27	27	30	27
-6/ -7	4.8	.1																36	36	36	32
-8/ -9	5.0																	37	37	37	28
-10/-11	3.7																	27	27	27	24
-12/-13	2.6																	19	19	19	19
-14/-15	1.9																	14	14	14	30
-16/-17	2.7																	20	20	20	29
-18/-19	3.3																	24	24	24	31
-20/-21	2.7																	20	20	20	20
-22/-23	2.2																	16	16	16	25

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-24/-25	1.9																	14	14	14	27
-26/-27	1.1																	8	8	8	19
-28/-29	1.1																	8	8	8	16
-30/-31	.5																	4	4	4	20
-32/-33	.5																	4	5	4	7
-34/-35																			1		9
-36/-37																			1		5
-38/-39																					12
-40/-41																					1
TOTAL	58.6	36.1	4.6	.7															737		734
																		734		734	

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.	4077971	54029	73.6	11.736	734							
Dry Bulb	231819	2467	3.3	7.428	737	39.8	80.2					84
Wet Bulb	210502	2120	2.9	6.698	734	40.7	82.1					84
Dew Point	257023	-2315	-3.2	8.950	734	48.5	83.0					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45			.3	.1														3	3		
42/ 41			.1	.1	.3													4	4	3	
40/ 39		.1	.5	.3														7	7		
38/ 37		.5	.4	.1														8	8	2	
36/ 35		.7	1.5															16	16	12	5
34/ 33	.7	1.5	.8															22	22	19	6
32/ 31		2.4	1.5	.1														30	30	22	18
30/ 29	.3	1.5	.1															14	14	25	7
28/ 27	.1	1.0	.1															9	9	20	20
26/ 25	.4	2.3	1.6															32	32	14	21
24/ 23	.7	1.8	.8															24	24	33	14
22/ 21	1.0	2.0																22	22	30	23
20/ 19	1.0	2.4	.3															27	27	19	29
18/ 17	.4	3.0	.1															26	26	26	20
16/ 15	.4	1.6																15	15	26	22
14/ 13	.1	3.5																27	27	16	26
12/ 11	1.5	3.5	.4															40	40	36	20
10/ 9	.5	3.3	.1															29	29	41	26
8/ 7	.3	3.5																28	28	22	33
6/ 5	.4	2.3																20	20	31	17
4/ 3	1.4	2.2																26	26	25	25
2/ 1	2.2	3.0																38	38	33	38
0/ -1	3.5	1.2																35	35	38	26
-2/ -3	2.7	1.8																33	33	35	27
-4/ -5	4.5	1.4																43	43	47	27
-6/ -7	3.0	.5																26	26	28	26
-8/ -9	3.1																	23	23	24	25
-10/-11	2.6																	19	19	19	26
-12/-13	1.4																	10	10	10	17
-14/-15	2.4																	18	18	18	39
-16/-17	2.4																	18	18	18	27
-18/-19	1.9																	14	14	14	28
-20/-21	2.2																	16	16	16	23
-22/-23	.8																	6	6	6	15

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.5																	4	4	4	12
-26/-27																					10
-28/-29																			3		13
-30/-31	.4																	3	3	3	9
-32/-33																					5
-34/-35																					1
-36/-37																					2
-38/-39																					7
TOTAL	42.9	47.2	8.8	.8	.3														738		735
																		735		735	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3883782	52688	71.7	12.067	735							
Dry Bulb	247649	5883	8.0	6.504	738	30.8	77.2					84
Wet Bulb	215829	5265	7.2	5.578	735	32.0	79.9					84
Dew Point	223217	499	.7	7.426	735	41.7	82.7					84

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

 1500-1700 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
48/ 47				.1														1	1		
46/ 45			.3															2	2		
44/ 43				.3														2	2		
42/ 41				.1														1	1	3	
40/ 39		.1	.4		.1													5	5	1	
38/ 37		.6	.1	.4														8	8	6	2
36/ 35	.1	1.3	1.2	.1														19	19	7	6
34/ 33	.4	1.0	1.0															17	17	17	5
32/ 31	.1	2.1	1.0															22	22	19	12
30/ 29	.3	1.9	1.0															22	22	22	10
28/ 27	.6	1.0	.4															14	14	23	20
26/ 25	1.0	1.5	.9															23	23	21	30
24/ 23	.7	1.5	.4															18	18	26	10
22/ 21	1.6	1.8	.9															29	29	26	21
20/ 19	1.8	3.1	.1															34	34	26	30
18/ 17	.3	3.4																25	25	31	25
16/ 15	.6	3.6																28	28	26	13
14/ 13	.1	2.4																17	17	18	22
12/ 11	.7	3.0																25	25	25	29
10/ 9	.1	3.4																24	24	27	25
8/ 7	.1	3.6																25	25	21	18
6/ 5	.6	3.6																28	28	36	21
4/ 3	1.2	2.2																23	23	24	15
2/ 1	1.8	3.9																38	38	33	36
0/ -1	4.3	.3																31	31	41	26
-2/ -3	2.2	1.0																22	22	17	25
-4/ -5	4.3	1.5																39	39	40	24
-6/ -7	2.2	.6																19	19	25	28
-8/ -9	3.3																	22	22	22	25
-10/-11	2.8																	19	19	19	26
-12/-13	1.3																	9	9	9	8
-14/-15	1.5																	10	10	10	31
-16/-17	1.9																	13	13	13	26
-18/-19	2.5																	17	17	17	28

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | FEB MONTH

 1500-1700 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-20/-21	1.2																	8	8	8	13
-22/-23	.4																	3	3	3	12
-24/-25	.9																	6	6	6	11
-26/-27	.3																	2	2	2	10
-28/-29	.1																	1	1	1	7
-30/-31	.1																	1	1	1	11
-32/-33																					3
-34/-35																					4
-36/-37																					2
-38/-39																					2
TOTAL	42.1	48.5	8.0	1.2	.1														672		672
																		672		672	

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.	3627527	48681	72.4	12.267	672							
Dry Bulb	232771	6095	9.1	16.264	672	27.7	77.1					84
Wet Bulb	207075	5469	8.1	15.565	672	29.2	79.7					84
Dew Point	206041	1235	1.8	17.427	672	40.2	82.4					84

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73,75,78-81 YEARS | FEB MONTH

PAGE 1 | 1800-2000 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45				.5														2	2		
44/ 43			.3															1	1		
40/ 39			.5															2	2	3	
38/ 37		1.0		.8														7	7	1	
36/ 35		1.0	1.8	1.0														15	15	5	3
34/ 33	.3	.3	1.3															7	7	5	5
32/ 31	.5	2.3	1.0															15	15	16	7
30/ 29	1.3	1.0	1.8															16	16	23	3
28/ 27		1.3	1.3															9	9	8	16
26/ 25	.8	1.0	.8															10	10	12	15
24/ 23	1.3	1.3	.8															13	13	16	8
22/ 21	2.8	1.5	1.3															22	22	21	16
20/ 19	2.3	4.3																26	26	23	17
18/ 17	1.8	2.5	.3															18	18	23	14
16/ 15	.5	2.3																11	11	12	25
14/ 13		1.8																7	7	7	16
12/ 11	.5	1.5	.3															9	9	8	14
10/ 9	.5	2.3	.3															12	12	13	10
8/ 7		2.3																9	9	11	8
6/ 5		2.3																9	9	10	7
4/ 3	1.0	2.8																15	15	15	4
2/ 1	3.8	3.0																27	27	25	18
0/ -1	3.0																	12	12	17	12
-2/ -3	1.5	.5																8	8	8	20
-4/ -5	2.5	.3																11	11	10	14
-6/ -7	3.8																	15	15	16	9
-8/ -9	4.1																	16	16	16	13
-10/-11	3.3																	13	13	13	12
-12/-13	2.0																	8	8	8	11
-14/-15	2.5																	10	10	10	8
-16/-17	2.0																	8	8	8	11
-18/-19	4.8																	19	19	19	23
-20/-21	1.8																	7	7	7	15
-22/-23																					15

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

USAFETAC FORM 0-26-3 (OL A) JUN 77 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73,75,78-81 (YEARS) FEB

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.8																	3	3	3	5
-26/-27																					8
-28/-29	.5																	2	2	2	4
-30/-31																					1
-32/-33	.3																	1	1	1	2
-34/-35																					3
-40/-41																					1
-44/-45																					2
TOTAL	57.1	36.2	11.4	2.3															395		395
																		395		395	

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.	2192601	29059	73.6	11.795	395							
Dry Bulb	150722	3506	8.9	17.423	395	28.3	76.8					84
Wet Bulb	133708	3136	7.9	16.618	395	29.3	81.0					84
Dew Point	131672	786	2.0	18.172	395	40.2	82.3					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73,76-81 YEARS | FEB MONTH

 2100-2700

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. & W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
46/ 45				.3														1	1		
44/ 43			.3															1	1		
42/ 41			.3															1	1		
40/ 39																				3	
38/ 37		1.0																4	4		
36/ 35	.5	.8	.3	1.8														13	13	7	
34/ 33	.5	.8	1.0	.5														11	11	4	9
32/ 31		1.5	1.3															11	11	6	5
30/ 29	.3	1.5	1.0															11	11	21	3
28/ 27	.5	2.3	.8															14	14	16	2
26/ 25	.3	3.5																15	15	13	15
24/ 23	1.3	.5	.3															8	8	18	10
22/ 21	1.5	2.3	.3															16	16	12	23
20/ 19	2.0	4.0																24	24	17	18
18/ 17	1.3	3.3																16	16	21	13
16/ 15	1.3	3.0																17	17	23	18
14/ 13	.5	.8																5	5	7	19
12/ 11	1.3	1.5																11	11	9	16
10/ 9		2.8																11	11	10	13
8/ 7	.8	2.0																11	11	12	12
6/ 5	.8	1.3																8	8	10	2
4/ 3	.3	.5																3	3	5	7
2/ 1	1.8	3.0																19	19	16	16
0/ -1	4.3	.8																20	20	20	8
-2/ -3	3.3																	13	13	16	8
-4/ -5	4.3	.3																18	18	17	18
-6/ -7	2.5																	10	10	11	11
-8/ -9	2.0																	8	8	8	19
-10/-11	3.3																	13	13	13	12
-12/-13	3.0																	12	12	12	7
-14/-15	5.8																	23	23	23	9
-16/-17	2.0																	8	8	8	5
-18/-19	3.3																	13	13	13	19
-20/-21	3.3																	13	13	13	18

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 — STATION
TATALINA AFS AK — STATION NAME
73,76-81 — YEARS
FEB — MONTH
PAGE 2 — HOURS 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	1.3																	4	4	4	11
-24/-25	.8																	3	3	3	16
-26/-27	.3																	1	1	1	12
-28/-29	.3																	1	1	1	6
-30/-31	.3																	1	1	1	3
-32/-33																					1
-34/-35	.5																	2	3	2	6
-36/-37																					3
-38/-39																					1
-42/-43																					1
-46/-47																					1
TOTAL	54.8	37.4	5.3	2.5														396	397	396	396

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2197845	29163	73.6	11.270	396							
Dry Bulb	147535	2731	6.9	18.031	397	34.7	77.4					84
Wet Bulb	131625	2455	6.2	17.167	396	35.2	81.0					84
Dew Point	140122	92	.2	18.833	396	41.4	82.1					84

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
FEB — 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
48/ 47				.0														1	1		
46/ 45			.1	.1														8	8		
44/ 43			.1	.0														7	7		
42/ 41			.1	.0	.0													11	11	6	
40/ 39		.1	.3	.1	.0													23	23	11	
38/ 37		.5	.1	.3														43	44	17	2
36/ 35	.1	.5	.8	.4														86	86	47	17
34/ 33	.5	.8	.8	.1														107	107	71	46
32/ 31	.4	1.4	1.1	.1														149	150	116	83
30/ 29	.5	1.2	.6															119	119	155	50
28/ 27	.5	1.3	.4															111	112	151	66
26/ 25	.6	2.1	.6															165	165	133	133
24/ 23	.5	1.3	.3															102	102	167	88
22/ 21	1.5	1.5	.3															167	167	165	162
20/ 19	1.7	2.6	.1															224	224	174	215
18/ 17	.6	2.8	.0															171	171	178	137
16/ 15	.8	2.7																176	176	194	148
14/ 13	.5	2.8																165	165	163	147
12/ 11	1.2	2.1	.1															170	170	182	162
10/ 9	.6	2.7	.0															169	169	171	203
8/ 7	.5	2.7																160	160	158	172
6/ 5	.7	1.9																131	131	174	105
4/ 3	.9	1.6																128	128	132	124
2/ 1	2.8	2.3																253	253	232	189
0/ -1	3.7	.4																207	207	234	155
-2/ -3	2.9	.8																188	188	188	171
-4/ -5	4.4	.6																251	251	260	184
-6/ -7	4.1	.3																225	225	232	184
-8/ -9	3.5																	176	176	182	199
-10/-11	3.1																	155	155	155	160
-12/-13	2.2																	109	109	109	111
-14/-15	2.7																	134	134	134	205
-16/-17	2.8																	142	142	142	185
-18/-19	3.5																	174	174	174	187

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) FEB (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
-20/-21	2.6																	132	132	132	153
-22/-23	1.6																	80	80	80	130
-24/-25	1.3																	65	65	65	141
-26/-27	.8																	40	40	40	124
-28/-29	.9																	45	48	45	118
-30/-31	.8																	42	42	42	99
-32/-33	.5																	25	26	25	52
-34/-35	.0																	2	7	2	56
-36/-37																			4		65
-38/-39																					59
-40/-41																					6
-42/-43																					1
-44/-45																					3
-46/-47																					1
TOTAL	56.0	37.2	5.7	1.1	.1													5038	5054	5038	5038

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	27917004	370248	73.5	11.848	5038							
Dry Bulb	1689891	24259	4.8	17.646	5054	293.2	633.8					672
Wet Bulb	1523536	21076	4.2	16.881	5038	298.9	651.7					672
Dew Point	1755358	-9408	-1.9	18.574	5038	366.7	663.3					672

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (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
38/ 37				.9														7	7		
36/ 35	.4	.1	.4	.1														8	8	3	2
34/ 33	.4	.8	1.2															18	18	6	3
32/ 31	.3	2.3	2.3	1.1														44	45	22	4
30/ 29	.5	3.2	2.8															49	49	33	10
28/ 27	1.3	1.7	2.0															38	38	57	16
26/ 25	.7	4.3	1.1															45	45	50	39
24/ 23	.1	3.6	.4															31	31	48	19
22/ 21	.7	2.7	.4															28	28	36	30
20/ 19	1.3	5.4	.5															54	54	32	65
18/ 17	.4	3.1	.4															29	29	41	44
16/ 15	.1	3.7	.1															30	30	32	40
14/ 13	.7	4.7																40	40	30	36
12/ 11	.9	2.9	.1															30	30	45	25
10/ 9	1.9	2.4																32	32	36	31
8/ 7	.8	3.2																30	30	27	32
6/ 5	.3	4.4																35	35	39	33
4/ 3	1.3	2.5																29	29	32	33
2/ 1	1.3	3.3																35	35	31	37
0/ -1	3.3	.3																27	27	37	29
-2/ -3	2.5	.5																23	23	23	25
-4/ -5	2.8	.4																24	24	23	40
-6/ -7	1.6																	12	12	15	26
-8/ -9	1.2																	9	9	9	21
-10/-11	1.3																	10	10	10	29
-12/-13	.8																	6	6	6	14
-14/-15	.3																	2	2	2	8
-16/-17	1.1																	8	8	8	10
-18/-19	.7																	5	5	5	14
-20/-21	.4																	3	3	3	10
-22/-23	.4																	3	3	3	6
-24/-25	.4																	3	3	3	4
-26/-29																					4
-30/-31																					4

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-27/-33																					1
-36/-37																					3
TOTAL	30.4	55.7	11.8	2.1															748		747
																		747		747	

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.	4122193	54871	73.5	11.083	747							
Dry Bulb	283261	10369	13.9	13.667	748	16.8	88.9					93
Wet Bulb	243443	9409	12.6	12.941	747	18.3	91.9					93
Dew Point	184425	5025	6.7	14.209	747	30.9	92.4					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 MAR

STATION STATION NAME YEARS MONTH

PAGE 1 0300-0500 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39				.4	.1													4	4			
38/ 37				.5														4	4			
36/ 35	.2	.1		.2														5	5	2		
34/ 33	.2	1.1	.7															17	17	7		3
32/ 31	1.2	2.2	2.8	.2														53	53	26		15
30/ 29	.7	1.7	1.0															28	29	32		16
28/ 27	1.1	2.8	1.1															41	41	53		15
26/ 25	1.2	3.9	.7															48	48	43		25
24/ 23	.4	1.7	.2															19	19	44		25
22/ 21	1.2	3.5	.1															40	40	40		26
20/ 19	1.5	4.4	.1															49	49	36		68
18/ 17	1.0	3.4																36	36	41		44
16/ 15	.9	4.0	.1															41	41	40		39
14/ 13	.1	3.2	.1															28	29	28		31
12/ 11	1.6	4.5																50	50	45		30
10/ 9	1.0	2.3																27	27	41		36
8/ 7	1.0	2.2																26	26	29		42
6/ 5	1.2	2.9																34	34	33		24
4/ 3	1.7	3.5																43	43	41		26
2/ 1	2.2	3.3																45	45	42		40
0/ -1	3.5	.6																34	34	44		37
-2/ -3	2.6	.4																24	24	27		31
-4/ -5	4.0																	33	33	35		27
-6/ -7	3.4	.1																29	29	28		45
-8/ -9	1.2																	10	10	11		32
-10/-11	2.6																	21	21	21		43
-12/-13	.9																	7	7	7		20
-14/-15	.4																	3	3	3		16
-16/-17	1.3																	11	11	11		18
-18/-19	.4																	3	3	3		6
-20/-21	.1																	1	1	1		15
-22/-23	.5																	4	4	4		12
-24/-25	.6																	5	5	5		4
-28/-29																						1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 MAR

STATION STATION NAME YEARS MONTH

 0300-0500 HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
-30/-31																				5
-32/-33																				3
-36/-37																				3
TOTAL	39.7	51.8	7.0	1.3	.1													825		823
																		823	823	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4706726	61556	74.8	11.176	823							
Dry Bulb	279420	9970	12.1	13.888	825	20.9	89.6					93
Wet Bulb	245697	9121	11.1	13.264	823	22.6	92.0					93
Dew Point	201189	4469	5.4	14.671	823	35.9	92.7					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
40/ 39			.1	.5	.1													6	6		
38/ 37			.1															1	1		
36/ 35	.1	.1		.4														5	5	2	
34/ 33	.1	.8	.7															14	14	9	2
32/ 31	1.3	1.6	1.8	.1														40	40	20	14
30/ 29	1.8	1.0	1.6															36	36	36	20
28/ 27	1.5	3.4	.7															46	46	42	14
26/ 25	1.3	4.0	.4															47	47	55	30
24/ 23	.6	1.7	.4															22	22	41	18
22/ 21	.7	2.5																27	27	25	34
20/ 19	2.2	3.8																49	49	41	56
18/ 17	1.6	3.3	.1															41	41	40	39
16/ 15	.4	3.2																29	29	33	43
14/ 13	.8	4.2																42	42	36	32
12/ 11	1.1	4.2																44	44	40	24
10/ 9	1.3	2.5																32	32	46	35
8/ 7	1.3	2.4																31	31	31	39
6/ 5	1.2	2.5																31	31	37	30
4/ 3	1.6	2.5																34	34	37	28
2/ 1	2.4	3.3																47	47	42	42
0/ -1	3.8	.4																34	34	42	33
-2/ -3	3.4	.6																33	33	34	38
-4/ -5	3.8																	31	31	33	26
-6/ -7	3.3																	27	27	27	44
-8/ -9	2.5																	21	21	21	26
-10/-11	2.1																	17	17	17	37
-12/-13	1.2																	10	10	10	29
-14/-15	.5																	4	4	4	21
-16/-17	.7																	6	6	6	12
-18/-19	.5																	4	4	4	20
-20/-21	.6																	5	5	5	11
-22/-23	.5																	4	4	4	7
-24/-25	.2																	2	2	2	7
-26/-27	.4																	3	3	3	3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29																					2
-30/-31																					4
-32/-33																					3
-34/-35																					2
TOTAL	44.8	48.1	5.9	1.0	.1													825		825	
																	825		825		

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.	4805310	62282	75.5	11.204	825							
Dry Bulb	269389	9447	11.5	13.987	825	22.7	90.1					93
Wet Bulb	239963	8711	10.6	13.401	825	23.9	91.8					93
Dew Point	201417	4167	5.1	14.795	825	36.6	92.8					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
42/ 41				.1	.4													4	4		
40/ 39			.1	.4														4	4		
38/ 37		.1	.6	1.0														14	14		
36/ 35		.2	1.5	.6														19	19	9	
34/ 33	.4	2.3	1.8	.4														40	40	16	3
32/ 31	.6	3.3	1.9	.2														50	50	48	15
30/ 29	.9	3.2	2.1	.1														51	51	53	23
28/ 27	.7	2.8	1.0															37	38	53	30
26/ 25	.5	2.6	1.1															34	34	41	29
24/ 23	.2	2.1	.4															22	22	33	35
22/ 21	.9	3.2	1.0															41	41	37	53
20/ 19	1.9	3.3	.9															50	50	48	45
18/ 17	.1	4.0	.5															38	38	37	43
16/ 15	.4	5.4	.4															50	50	43	35
14/ 13	.4	4.0	.5															40	40	46	32
12/ 11	.9	3.6	.1															38	38	41	35
10/ 9	.7	3.4																34	34	42	33
8/ 7	1.0	3.6																38	38	42	51
6/ 5	1.3	2.1																28	28	33	34
4/ 3	1.1	3.5																38	38	35	36
2/ 1	1.3	3.3																38	38	35	45
0/ -1	2.4	.5																24	24	37	33
-2/ -3	2.4	.7																26	26	28	30
-4/ -5	2.2	.4																21	22	21	34
-6/ -7	1.3																	11	11	12	32
-8/ -9	1.6																	13	13	13	22
-10/-11	.5																	4	4	4	23
-12/-13	.4																	3	3	3	21
-14/-15	.4																	3	3	3	17
-16/-17	.4																	3	3	3	5
-18/-19	.6																	5	5	5	11
-20/-21																					7
-22/-23	.1																	1	1	1	2
-24/-25																					6

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 7 0920-1160 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29																					1
-40/-41																					1
TOTAL	25.5	57.5	13.7	2.8	.4													824			822
																	822		822		

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.	4464982	59816	72.8	11.692	822							
Dry Bulb	345423	12949	15.7	13.132	824	13.0	83.9					93
Wet Bulb	293007	11759	14.3	12.329	822	14.7	90.2					93
Dew Point	208985	6819	8.3	13.625	822	27.7	92.7					93

FORM 0-26-3 (OL A) (JUN 71) USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
50/ 49						.1												1	1		
48/ 47						.1												1	1		
46/ 45					.2													2	2		
44/ 43				.2	.2	.2												6	6		
42/ 41			.4	.7	.6													14	14		
40/ 39		.2	1.2	.9	.2													21	21	1	
38/ 37		.5	2.1	1.3														32	33	12	
36/ 35		1.6	2.7	1.1														44	45	30	1
34/ 33	.4	1.8	2.8	.6														46	46	47	5
32/ 31	.4	3.0	2.9	.2														54	54	56	29
30/ 29	.2	2.4	2.3	.5														45	45	59	36
28/ 27	.1	3.0	1.3	.4														40	40	43	40
26/ 25	.4	2.7	2.4	.2														47	47	56	56
24/ 23	.2	2.2	.6															25	25	37	37
22/ 21	.7	2.9	1.6															43	43	44	45
20/ 19	.6	4.7	.9															51	51	44	54
18/ 17	.4	5.0	.7															50	50	52	36
16/ 15	.1	4.1	.7															41	41	47	38
14/ 13	.2	3.0	.7															33	33	40	41
12/ 11	.4	2.6	.1															25	25	33	48
10/ 9	1.1	4.0	.5															46	46	38	42
8/ 7	.5	2.9																28	28	38	41
6/ 5	.6	3.4																33	33	35	27
4/ 3	1.0	1.9																24	24	30	29
2/ 1	.2	1.8																17	17	21	39
0/ -1	1.9	.7																22	22	22	33
-2/ -3	1.3	.4																14	14	20	19
-4/ -5	.5																	4	4	4	30
-6/ -7	.2																	2	2	2	24
-8/ -9	.7																	6	6	6	24
-10/-11	.4																	3	3	3	13
-12/-13	.2																	2	2	2	20
-14/-15	.1																	1	1	1	5
-16/-17																					7

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 1200-1400 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
-18/-19																				2
-20/-21																				1
-22/-23																				1
TOTAL	13.3	55.0	23.9	6.2	1.3	.5												825		823
																	823		823	

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.	4075696	57022	69.3	12.326	823							
Dry Bulb	480 25	17035	20.6	12.511	825	6.1	73.9					93
Wet Bulb	390601	15247	18.5	11.469	823	6.8	82.8					93
Dew Point	247958	9700	11.8	12.750	823	20.2	92.3					93

USAFETAC FORM 0-26-3-OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 MAR
STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
48/ 47					.1													1	1			
46/ 45					.9													7	7			
44/ 43				.1	.5													5	5			
42/ 41			.6	.6	.9													17	17			
40/ 39		.5	2.3	1.3	1.0													40	40	2		
38/ 37		.6	2.6	1.3	.3													37	37	21		
36/ 35		1.4	2.9	1.3	.4													47	47	32		
34/ 33	.4	1.3	2.3	1.2														40	40	67	9	
32/ 31	.6	3.1	2.8	.5	.3													57	57	45	36	
30/ 29	.1	3.2	3.1	.8	.1													57	57	54	34	
28/ 27	.6	2.4	1.0	.5														36	36	65	46	
26/ 25	.3	2.4	1.3	.3														33	33	55	58	
24/ 23	.1	2.6	.8															27	27	31	30	
22/ 21	.8	3.1	1.3															40	40	43	45	
20/ 19	.6	3.8	.3															37	37	36	60	
18/ 17	.1	5.1	1.0															49	49	40	40	
16/ 15	.1	4.4	.4															38	38	41	45	
14/ 13	.1	2.9	1.3															34	34	45	27	
12/ 11	1.2	2.2	.3															28	29	32	42	
10/ 9	.5	2.8																26	26	37	46	
8/ 7	.1	4.0																32	32	24	38	
6/ 5	.4	2.8																25	25	27	31	
4/ 3	.4	2.8																25	25	31	24	
2/ 1	.1	1.3																11	11	19	42	
0/ -1	.6	.4																8	8	7	19	
-2/ -3	.3	.1																3	3	6	18	
-4/ -5	.4																	3	3	3	24	
-6/ -7	.8																	6	6	6	25	
-8/ -9	.4																	3	3	3	12	
-10/-11	.3																	2	2	2	5	
-12/-13	.5																	4	4	4	5	
-14/-15	.3																	2	2	2	3	
-16/-17																					9	
-18/-19																					4	

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

USAFETAC FORM 0-26-3-OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 | TATALINA AFS -K | 73-81 | MAR

STATION | STATION NAME | YEARS | MONTH

 1500-1700
HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-22/-21																			1
-24/-23																			2
TOTAL	10.1	53.3	24.2	7.8	4.5													751	780
																		780	780

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.	3816376	53636	68.8	12.826	780							
Dry Bulb	517984	17586	22.5	12.506	781	3.7	69.9					93
Wet Bulb	417908	15740	20.2	11.346	780	3.9	78.5					93
Dew Point	258799	10435	13.4	12.370	780	15.1	91.9					93

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-2315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAR MONTH

 1600-2000 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
44/ 43					.3													2	2		
42/ 41				.2	.5													4	4		
40/ 39			.3	.5	.2													6	6		
38/ 37	.2	.5	1.7	2.0	.2													29	29	2	
36/ 35	.2	.9	2.7	1.5	.2													36	36	12	2
34/ 33	.5	1.5	2.9	.6	.2													37	37	30	2
32/ 31	.9	2.3	3.6	1.4														54	55	46	17
30/ 29	.6	2.1	2.9	.2														38	39	50	23
28/ 27	.5	2.9	1.5	.2														33	33	44	26
26/ 25	.8	3.5	1.4	.2														38	38	60	35
24/ 23	.2	.9	1.4															16	16	31	25
22/ 21	.5	2.0	1.7															27	27	23	36
20/ 19	1.1	3.3	1.7															40	40	32	64
18/ 17	.6	3.8	.8															34	34	35	32
16/ 15	.2	5.0	.5															37	37	43	34
14/ 13	.6	3.2																25	25	29	29
12/ 11	.8	3.3	.2															28	28	33	33
10/ 9	.8	4.4																34	34	25	41
8/ 7	.2	3.2																22	22	36	29
6/ 5	.3	3.5																25	25	21	21
4/ 3	.6	1.8																16	16	23	29
2/ 1	.8	3.6																29	30	22	30
0/ -1	2.0	.6																17	17	26	25
-2/ -3	1.4	.6																13	13	16	19
-4/ -5	1.5																	10	10	11	27
-6/ -7	.3	.2																3	3	2	26
-8/ -9	.8																	5	5	6	17
-10/-11	.5																	3	3	3	15
-12/-13	.3																	2	2	2	11
-14/-15																					5
-16/-17																					2
-20/-21																					1
-22/-23																					3
-24/-25																					2

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 2 1800-2000 (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29																					2
TOTAL	16.4	52.8	22.9	6.5	1.4													663	666	663	663

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3351013	46403	70.0	12.491	663							
Dry Bulb	356631	12951	19.4	12.553	666	7.4	77.1					93
Wet Bulb	291236	11600	17.5	11.548	663	9.3	86.8					93
Dew Point	186205	7229	10.9	12.736	663	21.7	92.4					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7,2315 STATION — TATALINA AFS AK STATION NAME — 73,75-81 YEARS — MAR MONTH

PAGE 1 2100-2300 G.M.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point		
41/ 39					.3													2	2		
38/ 37		.5	.3	.7														9	9		
36/ 35	.5	.5	.9	.5														14	14	6	3
34/ 33	.2	.9	1.4	1.0														20	20	8	2
32/ 31	.7	2.2	3.9	2.7														56	57	20	8
30/ 29	.9	2.7	3.4															41	41	35	7
28/ 27	1.4	2.7	1.0															30	30	55	18
26/ 25	.3	4.3	.7															31	31	50	28
24/ 23	.2	3.1	.5															22	22	38	11
22/ 21	.2	3.6	.9															27	28	22	36
20/ 19	.2	6.1	1.0															43	43	23	51
18/ 17	.2	2.9	.5															21	21	42	33
16/ 15	.3	5.4	.2															35	36	28	36
14/ 13	1.2	4.3																32	32	36	29
12/ 11	1.3	2.9																23	23	29	40
10/ 9	.7	2.9																21	21	23	39
8/ 7	1.4	3.9																31	31	27	27
6/ 5	.2	4.4																27	27	27	14
4/ 3	.9	2.0																17	17	29	24
2/ 1	2.0	1.7																22	22	20	28
0/ -1	1.7	.2																11	11	14	29
-2/ -3	1.4	1.0																14	14	13	22
-4/ -5	2.0	.2																13	13	14	20
-6/ -7	.7																	4	4	5	20
-8/ -9	.9																	5	5	5	11
-10/-11	.5																	3	3	3	9
-12/-13	1.4																	8	8	8	9
-14/-15	.5																	3	3	3	8
-16/-17	.2																	1	1	1	7
-18/-19																					8
-20/-21	.2																	1	1	1	2
-24/-25	.2																	1	1	1	2
-28/-29																					1
-30/-31																					4

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73,75-81 (YEARS) MAR (MONTH)

PAGE 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
-34/-35																					1
-36/-37																					1
TOTAL	21.8	58.3	14.6	4.9	.3													588	591	598	588

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.	3118350	42234	71.8	12.021	588							
Dry Bulb	264499	10041	17.0	12.616	591	10.1	85.9					93
Wet Bulb	220628	9046	15.4	11.780	588	10.8	90.8					93
Dew Point	149477	5383	9.2	13.065	588	24.4	92.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PAGE 1 ALL (HOURS - G.M.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					
50/ 49						.0													1	1		
48/ 47					.0	.0													2	2		
46/ 45					.1														9	9		
44/ 43				.0	.1	.0													13	13		
42/ 41			.1	.2	.3														39	39		
40/ 39		.1	.5	.5	.2														83	83	3	
38/ 37	.0	.3	.9	.9	.0														133	134	35	
36/ 35	.2	.6	1.4	.7	.1														178	179	96	8
34/ 33	.3	1.3	1.7	.4	.0														232	232	190	29
32/ 31	.8	2.5	2.7	.7	.0														408	411	283	138
30/ 29	.7	2.4	2.3	.2	.0														345	347	352	169
28/ 27	.9	2.7	1.2	.1															301	302	412	205
26/ 25	.7	3.4	1.1	.1															323	323	410	300
24/ 23	.3	2.2	.6																184	184	303	200
22/ 21	.7	2.9	.8																273	274	270	305
20/ 19	1.2	4.3	.6																373	373	292	463
18/ 17	.6	3.9	.5																298	298	328	311
16/ 15	.3	4.3	.3																301	302	307	310
14/ 13	.5	3.7	.3																274	275	292	257
12/ 11	1.0	3.3	.1																266	267	298	277
10/ 9	1.0	3.1	.1																252	252	288	303
8/ 7	.8	3.1																	238	239	254	299
6/ 5	.7	3.2																	238	238	252	214
4/ 3	1.1	2.6																	226	226	258	229
2/ 1	1.3	2.7																	244	245	232	303
0/ -1	2.5	.5																	177	177	229	238
-2/ -3	1.9	.5																	150	150	167	262
-4/ -5	2.2	.1																	139	140	144	228
-6/ -7	1.5	.0																	94	94	97	242
-8/ -9	1.2																		72	72	74	165
-10/-11	1.0																		63	63	63	174
-12/-13	.7																		42	42	42	129
-14/-15	.3																		18	18	18	83
-16/-17	.5																		29	29	29	70

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

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

 ALL (HOURS G.M.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				
-16/-19	.3																	17	17	17	65
-20/-21	.2																	10	10	10	48
-22/-23	.2																	12	12	12	33
-24/-25	.2																	11	11	11	25
-26/-27	.0																	3	3	3	3
-28/-29																					11
-30/-31																					17
-32/-33																					7
-34/-35																					3
-36/-37																					7
-40/-41																					1
TOTAL	25.6	53.9	15.4	4.0	1.0	.1													6085		6071
																		6071		6071	

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.	32460646	437820	72.1	12.085	6071							
Dry Bulb	2797332	100348	16.5	13.703	6085	102.5	659.4					744
Wet Bulb	2342483	90633	14.9	12.767	6071	112.3	704.3					744
Dew Point	1638455	53227	8.8	13.894	6071	214.6	739.5					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | APR MONTH

 0000-0200 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43				.1		.1												2	2	
42/ 41		.1	.1	.4	.5													9	9	
40/ 39		.1	1.6	.8	.7													24	24	2
38/ 37		1.9	3.0	1.9	.1													51	51	5	2
36/ 35	.5	3.8	2.5	2.6	.3													71	71	37	4
34/ 33		2.9	3.7	1.0	.3													57	57	61	10
32/ 31	2.1	6.8	4.7	.8														105	105	87	65
30/ 29	.8	4.9	4.1	.4														75	75	93	47
28/ 27	.8	3.7	1.1	.4														44	45	90	49
26/ 25	.8	2.6	1.4	1.0														42	42	66	57
24/ 23	.7	2.6	1.6															36	36	36	59
22/ 21	.5	4.2	1.8															48	48	46	61
20/ 19	.7	3.3	.8															35	36	51	67
18/ 17		2.6	.8															25	25	26	47
16/ 15	.4	1.0	.4															13	13	26	41
14/ 13	.3	2.7	.3															24	24	18	29
12/ 11	.1	4.0	.1															31	32	21	41
10/ 9	.1	1.4																11	11	30	25
8/ 7		.5																4	4	9	25
6/ 5	.1	1.1																9	9	8	16
4/ 3	.3	.4																5	5	8	10
2/ 1		.1																1	1	2	27
0/ -1		.1																1	1		14
-2/ -3	.1																	1	1	2	16
-4/ -5																					8
-6/ -7	.4																	3	3	3	2
-8/ -9	.3																	2	2	2	
-10/-11	.1																	1	1	1	1
-12/-13																					1
-14/-15																					2
-16/-17																					4
TOTAL	9.3	51.1	28.1	9.5	1.9	.1													733		730
																		730		730	

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3891212	52340	71.7	13.784	730							
Dry Bulb	588167	19615	26.8	9.297	733	1.0	63.7					90
Wet Bulb	489683	17831	24.4	8.618	730	1.0	77.1					90
Dew Point	324828	13476	18.5	10.214	730	5.9	88.0					90

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | APR MONTH

 0300-0500 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		.4																3	3		
40/ 39		.1	.5	.2	.2													9	9	3	
38/ 37		.7	1.4	1.2	.1													28	28	1	2
36/ 35	.6	2.5	3.3	1.5														64	65	26	4
34/ 33	.5	3.7	3.1	.5														63	63	40	21
32/ 31	2.2	5.7	5.2	.5														110	110	92	45
30/ 29	1.5	4.8	5.2	.5														97	97	98	43
28/ 27	1.4	5.9	2.0															75	75	93	48
26/ 25	.4	3.8	1.5	.2														48	49	97	68
24/ 23	.6	2.2	1.4	.1														35	35	54	48
22/ 21	.7	3.3	1.5															45	45	30	65
20/ 19	.7	5.9	.7															60	60	53	83
18/ 17	.2	2.8	.6															30	30	54	50
16/ 15		2.5	.4															23	23	32	37
14/ 13	.4	3.1																28	28	23	47
12/ 11	.1	2.6																22	22	32	38
10/ 9	.4	2.0																19	19	18	33
8/ 7		1.7																14	14	21	33
6/ 5		1.4																11	11	6	18
4/ 3	.1	.6																6	6	14	24
2/ 1	.6	.5																9	9	9	17
0/ -1																				1	26
-2/ -3																					15
-4/ -5	.1																	1	1	1	4
-6/ -7	.2																	2	2	2	5
-8/ -9	.5																	4	4	4	4
-10/-11	.2																	2	2	2	1
-14/-15																					3
-16/-17																					5
-18/-19																					1
TOTAL	11.6	56.4	26.7	4.8	.4														810		808
																		808		808	

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.	4528910	59620	73.8	12.679	808							
Dry Bulb	580970	20342	25.1	9.309	810	1.0	71.3					90
Wet Bulb	494310	18670	23.1	8.829	808	1.1	82.2					90
Dew Point	337413	14237	17.6	10.356	808	7.1	87.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
APR — MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
46/ 45				.2	.2													4	4	
44/ 43			.2	.4	.1	.1												7	7	
42/ 41		.2	.5	.4	.4													12	12	
40/ 39		.1	1.5	1.4	.2													26	26	7
38/ 37		1.7	1.4	2.3														44	44	12 1
36/ 35	.6	2.3	3.3	1.6														64	64	39 9
34/ 33	1.0	2.6	4.0	.7														67	67	60 22
32/ 31	2.1	5.3	4.8	.7														105	105	85 58
30/ 29	1.5	4.4	3.6															77	77	104 42
28/ 27	.9	3.5	2.0	.2														53	53	86 47
26/ 25	.1	3.8	2.2	.1														51	51	57 63
24/ 23	.1	2.6	1.6	.1														36	36	60 56
22/ 21	2.1	3.3	1.0															52	52	53 77
20/ 19	.5	4.6	1.1															50	50	42 85
18/ 17		3.0	.4															27	27	46 55
16/ 15	.1	3.3	.2															30	30	35 40
14/ 13	.1	2.1																18	18	23 32
12/ 11	.4	1.9																18	18	18 36
10/ 9	.4	2.7																25	25	23 44
8/ 7		1.2																10	10	18 27
6/ 5	.1	1.1																10	10	14 16
4/ 3	.1	1.4																12	12	12 15
2/ 1		.4																3	3	6 19
0/ -1																				1 22
-2/ -3																				9
-4/ -5	.2																	2	2	2 12
-6/ -7	.2																	2	2	2 10
-8/ -9	.1																	1	1	1 5
-10/-11	.4																	3	3	3 2
-14/-15																				2
-16/-17																				3
TOTAL	11.1	51.7	27.8	8.3	1.0	.1													809	809
																		809	809	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4354768	58382	72.2	13.238	809							
Dry Bulb	630704	21166	26.2	9.758	809	.9	65.1					90
Wet Bulb	527858	19324	23.9	9.057	809	1.0	76.9					90
Dew Point	352299	14613	18.1	10.456	809	7.2	86.4					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
54/ 53					.1		.2											3	3	
52/ 51					.5	.1	.4											8	8	
50/ 49				.2	.7	.5	.2											14	14	
48/ 47			.1	.9	.6	1.4	.1											25	25	1
46/ 45		.1	.2	1.5	1.0	.5												27	27	
44/ 43			.7	1.6	1.7	.4												36	36	13
42/ 41		.1	.9	1.6	.9	.1												29	29	15	
40/ 39		.6	3.1	3.7	1.2													70	70	38	4
38/ 37	.1	1.2	2.2	2.7	.1													52	53	57	5
36/ 35	.6	1.9	4.3	2.8	.5													82	82	68	25
34/ 33	.9	3.1	3.2	1.2	.1													69	69	88	34
32/ 31	1.1	3.2	4.1	1.2	.2													80	80	93	65
30/ 29	.5	1.4	3.5	.7														49	49	82	57
28/ 27	.1	3.0	2.3	.5														48	48	52	58
26/ 25		2.0	2.5	.2														38	38	65	63
24/ 23		1.9	1.5															27	27	50	53
22/ 21	.5	2.2	1.6	.1														36	36	37	75
20/ 19	.2	2.5	1.6	.1														36	36	31	70
18/ 17	.1	1.1	1.1															19	19	29	41
16/ 15	.1	1.7	1.0															23	23	25	43
14/ 13	.1	1.5	.2															15	15	25	45
12/ 11		1.0																8	8	17	29
10/ 9		.7																6	6	9	14
8/ 7																				5	25
6/ 5		.2																2	2		19
4/ 3		.1																1	1	2	20
2/ 1																				1	18
0/ -1	.2																	2	2	2	6
-2/ -3	.4																	3	3	3	5
-4/ -5	.1																	1	1	1	4
-6/ -7																					3
-8/ -9																					7
-10/-11																					1

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | APR MONTH

PAGE 2 | 0900-1100 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	5.2	29.5	34.2	19.3	7.8	3.0	1.0											810	809
																		809	809

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3576548	52432	64.8	14.858	809							
Dry Bulb	902193	25821	31.9	9.887	810	.7	43.8					90
Wet Bulb	701617	22805	28.2	8.528	809	.7	58.9					90
Dew Point	424106	16750	20.7	9.781	809	2.9	82.4					90

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 1200-1400 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59						.2												2	2		
58/ 57						.1												1	1		
56/ 55					.4	.2	.2	.4										10	10		
54/ 53					.6	.5	.4	.7										18	18		
52/ 51				.2	.9	.4	1.2	.2										24	24		
50/ 49				.5	1.9	1.5	.6											36	36	2	
48/ 47				.6	2.1	.9	.6											34	34	5	
46/ 45				2.0	1.5	.6	.1											34	34	14	
44/ 43		.1	.9	1.5	1.9	.9												42	42	16	
42/ 41		.1	2.3	3.0	2.0	.5												64	64	36	
40/ 39		1.2	3.5	2.0	1.7	.1												69	69	74	9
38/ 37	.6	1.4	3.2	3.1	1.1	.1												77	77	73	14
36/ 35	.4	3.1	2.7	2.0	1.4													77	77	96	34
34/ 33	.7	1.9	1.4	1.0	.5													44	44	110	45
32/ 31		1.6	3.2	2.7	.1													62	62	55	84
30/ 29	.4	2.3	3.1	.7	.1													54	54	57	62
28/ 27	.2	1.9	2.3	.7														42	42	67	73
26/ 25	.1	1.0	1.6	.6														27	27	63	60
24/ 23		.9	.7	.1														14	14	34	60
22/ 21	.2	1.5	1.6	.1														28	28	31	71
20/ 19		1.4	1.1	.1														21	21	17	70
18/ 17		1.0	.6															13	13	22	41
16/ 15		.1	.1															2	2	19	37
14/ 13	.4	.6																8	8	9	39
12/ 11		.1																1	1	3	32
10/ 9																				1	18
8/ 7																					23
6/ 5																					14
4/ 3																					9
2/ 1		.7																6	6	4	5
0/ -1																				2	1
-2/ -3																					2
-4/ -5																					2
-6/ -7																					5

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

USAFETAC FORM 0-26-3-OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | APR MONTH

PAGE 2 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb / Dew Point
TOTAL	3.1	20.9	28.4	21.0	16.0	6.0	3.2	1.4										810	810

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3180740	49040	60.5	16.177	810							
Dry Bulb	1134999	29277	36.1	9.743	810		30.9					90
Wet Bulb	846918	25398	31.4	7.905	810	.2	42.7					90
Dew Point	486942	18502	22.8	8.917	810	1.1	78.7					90

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703215 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | APR MONTH

 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
64/ 63							.2	.1										3	3			
62/ 59						.1		.1	.1									3	3			
58/ 57						.1	.1		.1									3	3			
56/ 55					.2	.2	.1	.1	.1									7	7			
54/ 53				.1	1.0	.2	.1	.5										16	16			
52/ 51				.5	1.1	.9	1.2	.4										33	33	3		
50/ 49					1.7	1.7	.7	.4										37	37	1		
48/ 47			.1	.6	1.7	1.1	.1											30	30	6		
46/ 45		.2	.2	2.2	1.2	1.4												43	43	20		
44/ 43			1.0	2.5	1.5	1.4												51	51	15		
42/ 41		.2	1.7	2.0	2.6	1.4												64	64	42		3
40/ 39	.1	1.6	2.6	3.0	2.1	.5												80	80	67		11
38/ 37		2.1	3.6	.5	.4													54	54	83		21
36/ 35	.1	3.0	4.1	1.7	.6													77	77	86		28
34/ 33	.4	1.6	3.2	1.7	.7													62	62	111		53
32/ 31	.6	2.6	3.8	3.3	.2													86	86	70		64
30/ 29	.5	1.4	2.5	1.4	.1													47	47	77		82
28/ 27	.4	.5	.9	.2														21	21	62		65
26/ 25	.2	.6	.4	.6														15	15	52		51
24/ 23		.5	2.2	.1														23	23	25		66
22/ 21	.1	1.2	.6	.2														18	18	26		72
20/ 19	.2	1.4	.5	.1														18	18	25		73
18/ 17	.1	.2	.1															4	4	21		37
16/ 15		.2																2	2	5		40
14/ 13		.5																4	4	4		39
12/ 11	.1																	1	1	1		33
10/ 9	.2																	2	2	2		19
8/ 7																						15
6/ 5																						7
4/ 3		.7																6	6	6		8
2/ 1																						6
-4/ -5																						7
TOTAL	3.2	18.6	27.5	21.6	15.3	9.0	2.7	1.6	.4										810		810	810

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3119904	48422	59.8	16.685	810							
Dry Bulb	1189573	30085	37.1	9.444	810		27.4					90
Wet Bulb	880360	25998	32.1	7.534	810		41.8					90
Dew Point	503098	18942	23.4	8.622	810	.8	78.2					90

FORM 0 26 3 OL A JUN 73 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-76,78-81 YEARS | APR MONTH

 1800-2000 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
58/ 57									.3									2	2		
56/ 55					.2	.2		.2										3	3		
54/ 53					.6			.3										6	6		
52/ 51					.6	.5	.6	.2										12	12		
50/ 49				1.0	.3	.5	.6											15	15		
48/ 47				.5	1.1	.6	.5											17	17	1	
46/ 45			.2	1.6	1.5	1.0												26	26	6	
44/ 43			.5	1.6	1.1	.6												24	24	11	
42/ 41		.3	1.3	2.3	2.9	.3												44	44	14	
40/ 39		.5	3.5	1.8	2.1	.2												50	50	34	3
38/ 37	.5	2.3	1.8	2.7	1.0	.2												52	52	59	7
36/ 35		4.4	4.2	2.3	.5	.2												71	71	58	23
34/ 33	.2	4.0	3.1	1.6	.5													58	59	77	23
32/ 31	1.6	4.2	2.3	1.5	.5													62	62	90	81
30/ 29	.6	2.9	4.8	1.3														60	60	63	60
28/ 27	.6	1.0	2.3	.3														26	26	47	56
26/ 25	1.0	.6	.8	.6														19	19	56	40
24/ 23		1.0	1.0	.2														13	13	27	38
22/ 21		1.1	1.3	.2														16	16	13	56
20/ 19	.2	1.0	1.3															15	15	16	63
18/ 17		1.0	.5															9	9	14	46
16/ 15	.2	1.3	.2															10	10	17	47
14/ 13		.6	.2															5	5	8	20
12/ 11	.2	.3																3	3	4	16
10/ 9		.2																1	1	4	18
8/ 7		.2																1	1	1	9
6/ 5																					9
4/ 3																					8
2/ 1																					12
0/ -1																					3
-2/ -3																					2
TOTAL	5.0	26.8	29.0	19.4	12.9	4.2	1.8	.6	.3										620		620
																		620		620	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2741795	39813	64.2	17.298	620							
Dry Bulb	792220	21494	34.7	8.720	620		34.8					90
Wet Bulb	609035	18925	30.5	7.118	620		52.3					90
Dew Point	368130	14160	22.8	8.501	620	.7	81.9					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 75-81 YEARS | APR MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51					.4													2	2		
50/ 49					.4		.2											3	3		
48/ 47				.2		.4												3	3		
46/ 45			.2	.7		.4												7	7		
44/ 43			.4	1.1	.7	.6												15	15	3	
42/ 41		.2	.6	1.3	1.7													20	20	4	
40/ 39		1.3	3.2	2.2	.6													39	39	6	
38/ 37		2.6	.7	2.1	.7													33	33	22	2
36/ 35		3.9	2.1	2.4	.2													46	46	53	12
34/ 33	.6	3.5	4.3	2.2	.4													59	59	49	15
32/ 31	1.9	9.7	2.6	.9	.2													82	84	61	57
30/ 29	.4	2.6	2.6	1.1	.2													37	37	86	42
28/ 27	.2	3.9	.9	.6														30	30	35	44
26/ 25	1.5	3.0	.7	.7														32	32	53	51
24/ 23	.4	1.7	.4	.2														14	14	29	40
22/ 21	.4	1.7	1.7															20	20	25	37
20/ 19	.4	2.2	.9															18	18	13	61
18/ 17	.6	2.1	.6															17	17	24	28
16/ 15	.2	1.5	.9															14	14	13	17
14/ 13		3.0	.4															18	18	17	12
12/ 11	.4	1.9																12	12	17	23
10/ 9		1.1																6	6	9	13
8/ 7		.7																4	4	7	15
6/ 5		.4																2	2	5	16
4/ 3																					6
2/ 1		.2																1	1	1	22
0/ -1																					6
-2/ -3																					10
-4/ -5	.2																	1	1	1	3
-6/ -7																					2
-8/ -9	.2																	1	1	1	
-14/-15																					2
TOTAL	6.9	47.2	23.1	15.9	5.4	1.3	.2												538		* 36
																		536		536	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 91 F	Total
Rel. Hum.	2725922	37294	69.6	15.652	536							
Dry Bulb	524850	16044	29.8	9.295	538	.3	52.0					90
Wet Bulb	425032	14422	26.9	8.314	536	.3	66.7					90
Dew Point	277224	10952	20.4	9.995	536	3.9	85.1					90

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63							.0	.0										3	3		
60/ 59						.1		.0	.0									5	5		
56/ 57						.0	.0		.1									6	6		
56/ 55					.1	.1	.1	.1	.0									20	20		
54/ 53				.0	.3	.1	.1	.2										43	43		
52/ 51				.1	.4	.2	.5	.1										79	79	3	
50/ 49				.2	.7	.6	.3	.1										105	105	3	
48/ 47			.0	.4	.7	.6	.2											109	109	13	
46/ 45		.1	.1	1.0	.7	.5	.0											141	141	40	
44/ 43		.0	.5	1.1	.9	.5												177	177	58	
42/ 41		.2	.9	1.3	1.3	.3												245	245	111	3
40/ 39	.0	.7	2.4	1.9	1.1	.1												367	367	233	27
38/ 37	.2	1.7	2.2	2.1	.4	.0												391	392	312	44
36/ 35	.4	3.0	3.4	2.1	.4	.0												552	553	463	139
34/ 33	.5	2.8	3.2	1.2	.3													479	479	596	223
32/ 31	1.4	4.7	3.9	1.5	.2													692	694	633	539
30/ 29	.8	3.1	3.7	.7	.1													496	496	660	435
28/ 27	.6	2.9	1.8	.5														339	340	532	440
26/ 25	.5	2.2	1.4	.5														272	273	509	473
24/ 23	.2	1.7	1.3	.1														198	198	315	420
22/ 21	.6	2.4	1.4	.1														263	263	261	534
20/ 19	.4	2.8	1.0	.1														253	254	248	572
18/ 17	.1	1.7	.6															144	144	236	345
16/ 15	.1	1.5	.4															117	117	172	262
14/ 13	.2	1.7	.1															120	120	127	263
12/ 11	.2	1.4	.0															96	97	113	248
10/ 9	.2	1.0																70	70	96	184
8/ 7		.6																33	33	61	172
6/ 5	.0	.5																34	34	35	115
4/ 3	.1	.4																30	30	42	100
2/ 1	.1	.3																20	20	23	126
0/ -1	.0	.0																3	3	6	78
-2/ -3	.1																	4	4	5	59
-4/ -5	.1																	5	5	5	40

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

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-6/ -7	.1																	7	7	7	27
-8/ -9	.1																	8	8	8	16
-10/-11	.1																	6	6	6	5
-12/-13																					1
-14/-15																					9
-16/-17																					12
-18/-19																					1
TOTAL	7.0	37.5	28.3	14.9	7.6	3.1	1.1	.5	.1										5940		5932
																		5932		5932	

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.	28119799	397343	67.0	15.927	5932							
Dry Bulb	6343676	183844	31.0	10.491	5940	4.0	389.8					720
Wet Bulb	4974813	163373	27.5	8.953	5932	4.5	497.6					720
Dew Point	3074040	121632	20.5	9.889	5932	30.1	667.1					720

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

 0000-0200 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
667 65						.1												1	1	
627 61					.1	.1												2	2	
607 59					.5	.1												5	5	
587 57					.1	.3	.7	.1										9	9	
567 55					.4	.1	1.3											14	14	1
547 53				.3	.5	1.6	.4											21	21	1
527 51		.1	.4	.4	.5	1.1												19	19	5
507 49		.4	.8	2.0	2.0	.9	.1	.1										48	48	6
467 47		.8	2.2	2.2	3.0	.3	.1	.1										67	67	13 4
447 45		.7	2.4	3.6	2.0	.1	.3											68	68	33 3
427 43		1.6	3.3	4.5	1.1	.3												81	81	68 20
407 41	.3	4.1	5.3	3.3	2.2													115	115	94 29
387 39	.4	2.6	6.3	2.5	1.8													104	104	104 36
367 37	.5	3.2	3.3	1.5	.1													65	65	128 69
347 35	.3	3.2	2.4	1.5														55	55	100 61
327 33		1.5	1.5	1.1														30	30	88 99
307 31	.9	1.6	2.4	.7														42	43	50 140
287 29		.4	.4	.1														7	7	37 93
267 27			.1															1	1	19 66
247 25			.3															2	2	6 42
227 23			.1															1	1	2 11
207 21																				2 33
187 19																				35
167 17																				14
147 15																				3
127 13																				4
107 11																				3
87 9																				1
TOTAL	2.4	20.1	31.2	23.5	14.5	5.0	2.9	.4											758	757
																	757		757	

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.	3527196	50368	66.5	15.253	757							
Dry Bulb	1381941	31999	42.2	6.410	758		6.6					93
Wet Bulb	1090236	28466	37.6	5.119	757		14.3					93
Dew Point	766457	23599	31.2	6.380	757		54.7					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

 0300-0500 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59					.1	.1												2	2		
58/ 57					.1	.1	.2											4	4		
56/ 55				.1		.2	.2											5	5		
54/ 53				.4	.4	.2	.1											9	9		
52/ 51			.2	.1	1.0	1.4												23	23	2	
50/ 49			.2	.8	1.2	.8												26	26	2	
48/ 47		.7	.5	1.7	2.6	.1												47	47	8	
46/ 45		1.6	1.9	2.6	1.4		.2											65	65	22	4
44/ 43		1.4	1.8	2.4	1.0	.2	.1											58	58	39	15
42/ 41		3.5	5.2	3.4	1.0													108	108	76	17
40/ 39	1.1	3.2	7.8	3.1	.8	.1												135	135	106	34
38/ 37	.6	5.6	5.2	2.9	.5													123	123	121	47
36/ 35	1.2	3.6	3.1	1.1	.1													76	76	151	68
34/ 33	.2	4.6	2.6	.5														66	66	103	68
32/ 31	.6	2.6	1.6	.1														41	41	92	166
30/ 29	.4	2.5	1.0															32	32	61	103
28/ 27			.7															6	6	30	82
26/ 25		.2	.2															4	4	6	92
24/ 23																				7	33
22/ 21			.4															3	3	2	33
20/ 19																				3	30
18/ 17																					9
16/ 15																					11
14/ 13																					2
12/ 11																					4
10/ 9																					5
TOTAL	4.1	29.7	32.4	19.2	10.2	3.5	1.0												833		833
																		833		833	

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.	4334887	58723	70.5	15.316	833							
Dry Bulb	1353917	33211	39.9	5.987	833		9.6					93
Wet Bulb	1101233	30013	36.0	4.886	833		22.4					93
Dew Point	802748	25340	30.4	6.192	833		60.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.1											1	1	
62/ 61						.2		.1										3	3	
60/ 59					.2	.2		.2										6	6	
58/ 57				.1	.7	.4	.6											15	15	
56/ 55				.1	.2	.6	.4											11	11	1
54/ 53				.4	1.0	1.1	.6											25	25	1
52/ 51			.4	.5	2.6	1.7												43	43	7
50/ 49		.2	.1	1.7	2.5	.8	.1											46	46	6
48/ 47	.1	.5	.7	3.0	3.7	.5												71	71	19 1
46/ 45		2.2	2.3	4.3	1.3	.2	.1											87	87	41 8
44/ 43		1.1	4.4	5.2	1.9	.2	.1											108	108	82 19
42/ 41	.1	2.6	4.7	2.5	1.6													96	96	96 26
40/ 39	.4	2.2	5.3	2.2	.5													87	87	134 36
38/ 37	.7	4.6	2.0	2.4	.2													83	83	136 67
36/ 35	1.3	2.4	2.4	1.0	.1													60	60	117 101
34/ 33	.2	2.9	1.6	.6														44	44	69 125
32/ 31	.4	1.9	1.2	.4														32	32	62 148
30/ 29	.2	.5	.4															9	9	39 92
28/ 27		.5	.2															6	6	11 66
26/ 25			.1															1	1	10 54
24/ 23																				2 35
22/ 21																				1 22
20/ 19																				16
18/ 17																				3
16/ 15																				8
14/ 13																				6
12/ 11																				1
TOTAL	3.5	21.5	25.8	24.2	16.7	6.0	2.0	.4											834	834
																		834		834

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3953416	55924	67.1	15.627	834							
Dry Bulb	1550442	35534	42.6	6.615	834		5.4					93
Wet Bulb	1224374	31676	38.0	5.056	834		13.9					93
Dew Point	866794	26436	31.7	5.883	834		50.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
74/ 73											.1							1	1
72/ 71								.1										1	1
70/ 69							.2			.1	.1							4	4
68/ 67						.1	.2	.1	.1	.2								7	7
66/ 65							.2	.5	.7									12	12
64/ 63						.4	.4	1.1	.1									16	16
62/ 61					.1	.8	1.1	.7	.1									24	24
60/ 59				.1		1.3	1.8	.6										32	32 1
58/ 57			.1	.1	.8	2.2	1.8	.6										47	47 3
56/ 55			.1		.7	3.6	1.9	.5	.1									58	58 3
54/ 53				1.0	2.4	4.0	2.2	.5										83	83 12
52/ 51			.5	1.4	4.3	3.1	.8											85	85 24
50/ 49		.2	.7	2.8	3.5	2.5	.2											83	83 42 4
48/ 47		.1	.7	3.0	3.2	1.4												71	71 69 6
46/ 45		1.2	2.0	3.6	1.7	.4	.1											75	75 102 9
44/ 43		1.1	2.4	1.9	1.0	.1												54	54 137 24
42/ 41		1.8	.7	2.0	.4	.4												44	44 121 36
40/ 39	.4	1.8	1.8	1.3	.2	.4												49	49 116 50
38/ 37	.4	1.3	1.7	.6	.2													35	35 69 110
36/ 35	.2	1.1	1.3	.1	.4													26	26 50 126
34/ 33	.4	1.4	.6															20	20 38 119
32/ 31	.4	.1																4	4 33 101
30/ 29																			9 73
28/ 27		.2	.1															3	3 2 71
26/ 25																			3 52
24/ 23																			24
22/ 21																			6
20/ 19																			7
18/ 17																			4
16/ 15																			3
14/ 13																			4
12/ 11																			5
TOTAL	1.7	10.4	12.8	18.0	18.9	20.6	11.0	4.7	1.2	.4	.2							834	834 834 834

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.	2908865	47215	56.6	16.828	834							
Dry Bulb	2060437	40915	49.1	7.991	834		.9	1.4	.1			93
Wet Bulb	1488023	34939	41.9	5.403	834		5.2					93
Dew Point	946138	27640	33.1	6.012	834		39.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

PAGE 1 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
77/ 77									.1									1	1	
76/ 75									.2		.1							3	3	
74/ 73								.1	.1	.1	.1							4	4	
72/ 71								.2	.1	.1	.1							5	5	
70/ 69							.1		.7		.5							11	11	
68/ 67						.1	.1	.2	2.0	.1								22	22	
66/ 65							.6	.8	.8	.1								20	20	
64/ 63						.5	1.6	1.1	.6									31	31	
62/ 61				.4	.1	.4	1.9	1.7	.8									44	44	1
60/ 59				.4		1.6	2.8	2.5	.6									65	65	4
58/ 57			.1	.4	.5	1.9	3.0	2.3	.4									71	71	5
56/ 55				.2	1.1	3.4	3.6	1.8	.5									88	89	11
54/ 53			.1	1.1	2.6	2.6	2.4	.8										81	81	29
52/ 51		.1		1.1	3.1	3.5	1.6											78	78	46 4
50/ 49		.2	.5	2.2	2.3	2.2												61	61	56 8
48/ 47		.2	1.6	2.3	1.8	1.0	.5	.1										62	62	89 8
46/ 45	.2	.7	1.1	1.7	.7	.2	.6											44	44	144 11
44/ 43		.4	1.2	1.4	.5	.4	.1											33	33	127 21
42/ 41		1.0	1.1	1.6	.8													37	37	116 41
40/ 39	.2	1.0	1.6	1.3	.1													35	35	77 65
38/ 37	.1	.4	1.2	.6														19	19	39 93
36/ 35	.2	.6	.6	.1														13	13	43 115
34/ 33	.2	.2																4	4	38 84
32/ 31	.2																	2	2	8 85
30/ 29																				1 88
28/ 27																				73
26/ 25																				62
24/ 23																				17
22/ 21																				10
20/ 19																				16
18/ 17																				5
16/ 15																				3
14/ 13																				1
12/ 11																				2

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

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | MAY MONTH

PAGE 2 | 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				
10/ 9																					2
TOTAL	1.3	4.8	9.0	14.6	13.7	17.6	18.8	11.8	7.1	.5	.8							834	834	834	834

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	2322668	41712	50.0	16.849	834							
Dry Bulb	2387793	44085	52.9	8.306	834		.2	5.1	.9			93
Wet Bulb	1631502	36608	43.9	5.436	834		1.0					93
Dew Point	959183	27763	33.3	6.480	834		40.6					93

USAFETAC FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-61 YEARS | MAY MONTH

 1500-1700 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
80/ 79												.2						2	2		
78/ 77										.1		.1	.1					3	3		
76/ 75									.1									1	1		
74/ 73								.1	.6			.2						8	8		
72/ 71								.4	.8	.1	.1	.1						13	13		
70/ 69							.1	.1	.6	.4	.6							15	15		
68/ 67						.1	.2	.2	.6	.5								14	14		
66/ 65							.4	.4	1.1									15	15		
64/ 63				.2		.4	1.6	1.1	1.2									37	37		
62/ 61				.1	.1	.8	1.2	1.6	1.3	.1								44	44		
60/ 59					.8	2.5	2.3	2.8	1.3									76	78	6	
58/ 57			.1	.6	1.0	1.7	2.9	2.3	.5									75	75	12	
56/ 55				.7	1.0	3.4	3.5	1.4	.1									84	84	13	
54/ 53		.1		.6	2.3	3.4	3.2	.8										87	87	21	2
52/ 51		.1	.6	1.2	3.0	2.9	1.1											74	74	53	1
50/ 49			.2	1.6	2.2	2.4	.4											56	56	77	8
48/ 47			1.2	2.0	1.4	.6	.8	.1										52	52	89	11
46/ 45		1.4	1.0	1.9	1.2	.1	.2											49	49	128	22
44/ 43		.1	1.9	1.2	.7	.4												36	36	133	31
42/ 41		1.0	.7	1.7	.1	.1												30	30	117	44
40/ 39	.1	.5	1.4	1.3														28	28	62	58
38/ 37	.2	1.1	.7	.6														22	22	44	66
36/ 35		.2	.5	.4														9	9	48	106
34/ 33																				20	94
32/ 31																				7	93
30/ 29																				2	82
28/ 27																					76
26/ 25																					61
24/ 23																					16
22/ 21																					13
20/ 19																					15
18/ 17																					6
16/ 15																					5
14/ 13																					2

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

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 2 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. Dry Bulb	TOTAL Wet Bulb Dew Point
TOTAL	.4	4.6	8.4	14.2	13.8	18.7	17.9	11.3	7.9	1.2	.7	.7	.1					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.	2214929	40707	48.9	16.391	832							
Dry Bulb	2453693	44643	53.7	8.373	832			6.3	1.6			93
Wet Bulb	1662040	36910	44.4	5.441	832		1.0					93
Dew Point	967226	27826	33.4	6.636	832		41.2					93

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
MAY

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B. ≥	TOTAL Wet B. / Dew P.
78/ 77										.2			.2					2	2		
72/ 71							.2	.8										6	6		
70/ 69							.2	.5	.3	.3	.2	.2						10	10		
68/ 67							.3		.5									5	5		
66/ 65							.2	.3	.7	.2								8	8		
64/ 63						.5		1.0	.5									12	12		
62/ 61						.7	1.3	1.8										23	23		
60/ 59			.2	.2	1.2	1.8	1.8	2.3										45	45	3	
58/ 57				.3	.3	2.0	2.1	1.7	.3									41	41	5	
56/ 55		.3		.8	1.3	3.8	3.5	1.2										66	66	6	
54/ 53		.2	.2	.7	3.5	3.8	2.3	.5										67	67	15	1
52/ 51		.2	.2	1.5	2.0	3.1	2.1	.2										56	56	19	3
50/ 49		.5	.7	2.3	4.3	2.3	.3											63	63	53	2
48/ 47		.3	.5	3.5	2.6	1.5	.2											52	52	52	9
46/ 45		.3	1.8	1.7	1.2	.7												34	34	93	40
44/ 43	.2	2.1	3.1	1.3	.5	.3												46	46	98	17
42/ 41		.8	.9	1.3		.2												19	19	100	28
40/ 39	.2	1.3	1.0	.5														18	18	73	46
38/ 37		.8	1.0	.8														16	16	33	58
36/ 35	.2	.3	.7															7	7	25	92
34/ 33	.3	.5	.3	.3														9	9	15	72
32/ 31																				12	96
30/ 29																				3	53
28/ 27																					46
26/ 25																					40
24/ 23																					13
22/ 21																					7
20/ 19																					10
18/ 17																					3
16/ 15																					1
12/ 11																					1
TOTAL	.8	7.8	10.4	15.2	16.9	20.7	14.5	10.2	2.3	.7	.2	.2	.2						605		605
																		605		605	

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.	1864099	32023	52.9	16.732	605							
Dry Bulb	1653201	31267	51.7	7.858	605			3.5	.3			93
Wet Bulb	1161339	26319	43.5	5.210	605		2.3					93
Dew Point	713059	20421	33.8	6.274	605		39.5					93

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION
TATALINA AFS AK STATION NAME
74-81 YEARS
MAY MONTH

PAGE 1 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
66/ 65							.4											2		2		
64/ 63						.2	.2	.5										5		5		
62/ 61					.2	.2		.4										4		4		
60/ 59					.2	.4	.4	.7										9		9		
58/ 57		.2	.4		.7	.5	2.0	.2										22		22		
56/ 55		.4	.2	.5	.9	1.1	1.3											24		24	2	
54/ 53		.5	.7	1.6	1.1	2.6	.9	.2										42		42	9	1
52/ 51		.2	1.1	.2	2.2	2.2	.7	.2										37		37	5	5
50/ 49		.2	1.6	2.4	4.4	2.2	.2											60		60	21	4
48/ 47		1.5	1.5	3.8	3.8	.9	.2											54		54	32	
46/ 45		.9	1.5	3.7	2.9	1.3												56		56	46	19
44/ 43	.2	3.1	4.0	2.7	2.6	.9												74		74	68	14
42/ 41		2.0	2.9	2.7	1.1													48		48	91	32
40/ 39	.2	2.4	.8	1.5	.7													36		36	87	30
38/ 37	.4	.9	1.8	.2														18		18	72	52
36/ 35		1.1	1.1	.5														15		15	42	61
34/ 33		1.6	.5															12		12	33	62
32/ 31	1.3	.7	.7	.2														16		16	27	101
30/ 29			.2															1		1	5	36
28/ 27			.2															1		1	4	53
26/ 25			.2															1		1	2	21
24/ 23																					1	18
22/ 21																						18
20/ 19																						14
18/ 17																						2
16/ 15																						2
14/ 13																						2
TOTAL	2.0	15.7	23.5	27.1	28.8	12.4	6.2	2.2											547			547
																		547		547		

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2260050	33934	62.0	16.843	547							
Dry Bulb	1200502	25346	46.3	6.909	547		3.2					93
Wet Bulb	913634	22168	40.5	5.284	547		6.6					93
Dew Point	622525	18089	33.1	6.676	547		45.4					93

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7?2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
MAY — MONTH
PAGE 1
ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
81/ 79												.0						2	2	
78/ 77									.0	.0		.0	.0					6	6	
76/ 75									.0		.0							4	4	
74/ 73								.0	.1	.0	.0	.0						13	13	
72/ 71							.0	.2	.1	.0	.0	.0						25	25	
70/ 69							.1	.1	.2	.1	.2	.0						40	40	
68/ 67						.0	.1	.1	.4	.1								48	48	
66/ 65						.0	.2	.3	.4	.0								59	59	
64/ 63				.0		.2	.5	.6	.3									101	101	
62/ 61				.1	.1	.4	.7	.8	.3	.0								144	144	1
60/ 59			.0	.1	.4	1.0	1.2	1.1	.2									242	242	14
58/ 57		.0	.1	.2	.5	1.1	1.6	.9	.1									284	284	25
56/ 55		.1	.0	.3	.7	2.0	1.9	.6	.1									350	350	37
54/ 53		.1	.1	.7	1.7	2.4	1.5	.4										415	415	88 4
52/ 51		.1	.4	.8	2.4	2.4	.8	.0										415	415	161 13
50/ 49		.2	.6	1.9	2.7	1.7	.2	.0										443	443	263 26
48/ 47	.0	.5	1.1	2.6	2.7	.8	.2	.0										486	486	371 39
46/ 45	.0	1.2	1.7	2.9	1.5	.3	.2											478	478	609 96
44/ 43	.0	1.3	2.7	2.6	1.1	.3	.0											490	490	752 161
42/ 41	.0	2.1	2.7	2.3	.9	.1												497	497	811 244
40/ 39	.4	1.9	3.5	1.8	.5	.1												492	492	761 375
38/ 37	.4	2.3	2.2	1.3	.1													381	381	642 582
36/ 35	.5	1.6	1.5	.6	.1													261	261	576 750
34/ 33	.2	1.6	.9	.3														85	185	404 743
32/ 31	.4	.9	.7	.2														137	138	291 920
30/ 29	.1	.5	.2	.0														49	49	157 620
28/ 27		.1	.2															17	17	66 533
26/ 25		.0	.1															8	8	27 394
24/ 23			.0															1	1	12 164
22/ 21			.0															3	3	5 142
20/ 19																				3 143
18/ 17																				46
16/ 15																				36
14/ 13																				21

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

FORM 0 26 3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PAGE 7 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
127 11																			16
107 9																			8
TOTAL	2.1	14.4	18.9	18.6	15.4	12.9	9.3	5.1	2.5	.3	.3	.1	.0					6077	6076
																	6076	6076	

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.	23386110	360606	59.3	18.074	6076							
Dry Bulb	14041926	287000	47.2	8.959	6077		26.4	16.9	3.1			744
Wet Bulb	10272381	247099	40.7	6.063	6076		68.7					744
Dew Point	6644130	197114	32.4	6.408	6076		372.6					744

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2315 TATALINA AFS AK 73-81 JUN

STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200

HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																						TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
67/ 65									.1									1		1		
64/ 63							.3	.1	.1									4		4		
62/ 61					.4	.6	.3	.4										12		12		
60/ 59				.3	1.3	.8	1.1	.1										26		26		
58/ 57			.4	.8	2.5	1.9	.7	.1										47		47		
56/ 55		.1	.7	2.9	2.1	1.9	.6	.1										61		61		
54/ 53	.6	.3	1.7	3.5	1.8	.6	.3	.1										63		66	16	4
52/ 51	.1	2.4	3.5	4.6	2.1	1.0												98		98	36	6
50/ 49	.3	1.9	2.6	3.5	1.5	.6												75		75	94	14
48/ 47	.3	4.6	4.2	2.4	.7	.1												88		89	113	44
46/ 45	1.3	5.7	3.8	2.1	.1													93		93	138	62
44/ 43	1.1	5.2	2.2	.6	.1													66		66	114	95
42/ 41	.4	3.1	1.4	.1														36		36	103	108
40/ 39	.7	1.7	.4	.3	.3													24		24	56	118
38/ 37	.7	.7	.3	.1														13		13	23	92
36/ 35		.4	.4	.1														7		7	9	66
34/ 33		.1	.3															3		3	8	46
32/ 31			.1															1		1	6	24
30/ 29																					2	17
28/ 27																						8
26/ 25																						3
24/ 23																						6
22/ 21																						5
TOTAL	5.4	26.2	22.0	21.3	13.0	7.5	3.2	1.1	.3											722		718
																		718			718	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3871956	51380	71.6	16.500	718							
Dry Bulb	1781899	35617	49.3	5.874	722		.1					90
Wet Bulb	1453001	32151	44.8	4.311	718		1.0					90
Dew Point	1156891	28551	39.8	5.485	718		7.9					90

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JUN MONTH

 0300-0500 HRS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
64/ 63							.4											3	3	
62/ 61							.4	.4										6	6	
60/ 59					.4	.5	.1											8	8	
58/ 57				.9	1.5	1.3	.3											31	31	
56/ 55		.1	.9	1.6	2.0	1.9	.5											56	56	
54/ 53	.3	.3	1.6	2.8	1.6	.3	.4											57	57	7 2
52/ 51	.1	1.8	2.3	1.9	1.6	.9												68	68	27 2
50/ 49	.8	3.2	3.8	4.7		.5												102	102	79 16
48/ 47	.5	5.2	3.4	3.8	1.1													111	111	109 42
46/ 45	1.3	6.6	3.8	2.0														108	108	129 76
44/ 43	1.0	6.1	4.1	1.4	.1													100	100	138 99
42/ 41	.8	4.9	2.4	.3	.3													68	68	125 108
40/ 39	.9	2.5	.5		.3													33	33	99 123
38/ 37	1.0	1.4	.3															21	21	43 106
36/ 35		.5	.5															8	8	12 92
34/ 33		.1	.1															2	2	6 54
32/ 31	.1	.4	.1															5	5	9 23
30/ 29			.3															2	2	3 24
28/ 27																				2 8
26/ 25																				1 3
24/ 23																				4
22/ 21																				1
20/ 19																				6
TOTAL	6.7	33.1	24.1	19.4	9.0	5.3	2.0	.4											789	789
																		789		789

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4631242	59184	75.0	15.600	789							
Dry Bulb	1811653	37541	47.6	5.681	789		.8					90
Wet Bulb	1525632	34522	43.8	4.385	789		1.7					90
Dew Point	1251310	31130	39.5	5.411	789		7.9					90

USAFETAC FORM 10-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUN (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
77/ 69								.1										1	1		
68/ 67						.3	.1	.1	.1									5	5		
66/ 65								.3										2	2		
64/ 63					.4	.8	.9	.5										20	20		
62/ 61				.3	.8	.4	1.1	.4										23	23		
60/ 59			.1	1.4	1.3	1.3	.4											35	35		
58/ 57			.8	2.0	3.2	1.6	.6											65	65	2	
56/ 55			1.5	2.8	2.0	.6												55	55	13	
54/ 53		.3	2.7	2.4	1.5	.5												58	58	30	
52/ 51	.1	1.5	3.0	3.9	1.3													78	78	66	9
50/ 49	.1	2.2	4.2	3.0	2.0													91	91	109	33
48/ 47	.6	5.1	3.4	3.8	.6													107	107	101	47
46/ 45	.5	5.8	3.7	1.9	.1													95	95	135	94
44/ 43	.4	5.3	2.2	.8	.1	.1												70	70	124	108
42/ 41	.3	3.3	1.1	.4	.1													41	41	99	117
40/ 39	1.1	1.3	.4															22	22	64	137
38/ 37	.8	.3	.4	.3														13	13	26	84
36/ 35		.1	.4	.1														5	5	6	66
34/ 33			.1	.1														2	2	7	46
32/ 31				.1														1	1	4	28
30/ 29																				1	5
28/ 27																				2	3
26/ 25																					4
24/ 23																					2
22/ 21																					2
20/ 19																					2
18/ 17																					2
TOTAL	3.9	25.1	24.0	23.3	13.4	5.6	3.2	1.4	.1										789		789
																		789		789	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4243331	56549	71.7	15.543	789							
Dry Bulb	2009292	39486	50.0	6.490	789		.1	.7				90
Wet Bulb	1646905	35857	45.4	4.691	789		.8					90
Dew Point	1322186	32028	40.6	5.292	789		5.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JUN MONTH

 0900-1100 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
76/ 75									.3									2	2		
74/ 73							.1	.3	.5	.1								8	8		
72/ 71							.3	.5	.1									7	7		
70/ 69				.1		.3	.9	.9	.1	.3								20	20		
68/ 67				.1	.3	.8	1.8	.9	.5									34	34		
66/ 65					.9	1.6	1.9	.8	.6									46	46		
64/ 63			.1	.3	1.4	1.6	1.4	1.0	.4									49	49	1	
62/ 61				.9	2.9	2.2	1.8	.6										66	66	3	
60/ 59			.1	1.5	2.0	2.2	.9	.5										57	57	16	1
58/ 57		.1	.3	1.8	2.3	1.1	.5	.3										50	50	33	3
56/ 55		.1	.6	2.3	2.3	1.0	.3											52	52	59	2
54/ 53		.4	.6	2.9	2.2	1.3												58	58	84	6
52/ 51		1.1	2.3	3.2	1.5	.4												67	67	90	30
50/ 49	.5	2.5	2.3	3.0	.9	.5												77	77	95	55
48/ 47	.1	4.1	2.3	1.5	.4													66	66	112	57
46/ 45	.3	5.1	2.2	1.4														70	70	109	112
44/ 43	.6	1.9	.8	.5	.1													31	31	101	118
42/ 41		1.6	.3	.1	.3													18	18	50	104
40/ 39	.8		.1	.3														9	9	32	93
38/ 37				.1														1	1	6	83
36/ 35																				4	56
34/ 33																				2	23
32/ 31																				1	22
30/ 29																					14
28/ 27																					3
26/ 25																					1
24/ 23																					4
22/ 21																					1
TAL	2.3	17.0	11.9	20.1	17.4	12.9	9.8	5.7	2.5	.4									788		768
																		788		788	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≥ 93 F	Total
Rel. Hum.	3429422	50162	63.7	17.326	788							
Dry Bulb	2444340	43428	55.1	8.046	788			8.1	1.1			90
Wet Bulb	1872108	38184	48.5	5.267	788		.1					90
Dew Point	1411343	33057	42.0	5.589	788		5.1					90

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 | TATALINA AFS AK | 73-81 | JUN

STATION | STATION NAME | YEARS | MONTH

 1200-1400 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31					
78/ 77								.1	.1		.3								4	4		
76/ 75								.1	.4	.8	.1	.1							12	12		
74/ 73						.3	.4	1.0	.1	.4	.4								20	20		
72/ 71						.1	.4	.5	.6	.9	.1								21	21		
70/ 69					.4		.8	2.8	1.1	.4									43	43		
68/ 67						1.4	2.7	2.3	1.0	.4									61	61		
66/ 65				.1	.9	1.1	1.6	1.1	.3										41	41		
64/ 63				.3	1.1	3.4	2.3	2.0	.9	.3									81	81	4	
62/ 61				.6	1.5	1.0	1.8	.3	.4										44	44	10	
60/ 59			.5	.5	1.4	1.9	1.1	.3											45	45	19	
58/ 57			.5	1.4	2.7	1.6	.8	.1											56	56	50	5
56/ 55			1.1	1.8	2.2	1.4	.1												52	52	82	4
54/ 53		.8	1.4	2.9	2.4	.8	.3												67	67	102	9
52/ 51		1.5	2.5	1.4	1.4	.4													57	57	75	26
50/ 49	.1	2.2	2.7	2.5	1.4	.1													71	71	126	62
48/ 47	.4	1.9	2.9	.9	.3	.4													53	53	98	64
46/ 45	.1	3.0	1.3	.5	.4														42	42	93	101
44/ 43		1.9	.1																16	16	84	149
42/ 41		.3																	2	2	34	97
40/ 39																					5	107
38/ 37																					6	64
36/ 35																						57
34/ 33																						27
32/ 31																						14
30/ 29																						10
28/ 27																						3
26/ 25																						7
24/ 23																						2
TOTAL	.6	11.5	13.1	12.9	16.0	14.0	12.2	10.7	4.9	3.0	.9	.1								789		788
																			788		788	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2933631	45923	58.3	18.083	788							
Dry Bulb	2722814	45842	58.2	8.432	788			18.4	4.1			90
Wet Bulb	1987660	39374	50.0	5.074	788							90
Dew Point	1429526	33270	42.2	5.618	788		4.1					90

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JUN MONTH

PAGE 1 1500-1700 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
80/ 79								.1		.1	.3							4	4	
78/ 77							.1	.1	.1	.4	.7							11	11	
76/ 75									.7	.3	.9	.1						15	15	
74/ 73						.1	.4	.5	.8	.5	.4							21	21	
72/ 71							.4	2.7	1.1	.8	.7							42	42	
70/ 69						.3	.4	3.1	1.1	.3								38	38	
68/ 67					.7	.7	2.2	2.4	1.1	.8								58	58	1
66/ 65				.1	.4	1.3	1.3	2.4	.4	.1								47	47	1
64/ 63				.1	.7	2.3	2.2	1.2	1.3									58	58	2
62/ 61				.3	1.8	1.5	3.0	.5	.3									54	54	7
60/ 59			.3	1.1	.8	.9	1.8	.3										38	38	32 1
58/ 57		.3	.4	.8	3.1	1.3	.4	.1										48	48	48 2
56/ 55		.4	1.2	1.8	2.8	2.2	.4	.1										66	66	88 3
54/ 53		.1	1.2	1.5	1.9	.8	.1											42	42	101 16
52/ 51	.1	1.3	2.0	3.0	1.5	.5												63	63	71 16
50/ 49	.1	2.6	2.6	3.0	.4	.7												69	69	108 52
48/ 47	.1	3.0	1.8	.4		.4												42	42	110 71
46/ 45		1.2	.3	.4														14	14	91 108
44/ 43		1.3	.1															11	11	57 97
42/ 41																				15 89
40/ 39																				8 99
38/ 37																				1 75
36/ 35																				51
34/ 33																				24
32/ 31																				17
30/ 29																				8
28/ 27																				5
26/ 25																				7
TOTAL	.4	10.3	9.9	12.4	14.0	13.2	12.7	13.8	6.9	3.4	3.0	.1							741	741 741

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.	2531320	41104	55.5	18.415	741							
Dry Bulb	2690097	44191	59.6	8.596	741			23.0	6.2			90
Wet Bulb	1914669	37487	50.6	4.961	741			.1				90
Dew Point	1338513	31217	42.1	5.623	741		4.5					90

USAFETAC FORM 0 26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]23[illegible] TATALINA AFS AK 74-76,78-81 JUN
STATION STATION NAME YEARS

 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
8[illegible] 79										.9	.2	.2								6	6	
76/ 75											.2									1	1	
74/ 73								.2	.2	.2										3	3	
72/ 71								.9	.7	.4	.2									10	10	
7[illegible]/ 69							.4	2.0	.9											15	15	
6[illegible]/ 67					.2	.9	1.5	1.3												18	18	
66/ 65						.7	1.5	.2	.9											15	15	
64/ 63					.2	2.2	2.4	.7	.7											28	28	
62/ 61				.7	2.4	2.4	1.5	.9												36	36	5
60/ 59			.9	.7	2.9	2.6	.9	.4												38	38	2
58/ 57		.2	1.1	1.5	4.4	2.9		.4												48	48	18	
56/ 55		.4	1.3	2.0	3.1	2.2		.2												42	42	36	1
54/ 53		.7	2.2	1.5	2.0	1.3														35	35	57	5
52/ 51		2.2	1.5	3.7	2.2	.7														47	47	53	11
50/ 49	.2	2.9	3.1	1.8	1.1															41	41	79	27
48/ 47	.7	4.4	1.3	.7																32	32	66	50
46/ 45	1.1	4.0	.4		.2															26	26	79	68
44/ 43		2.0	.4																	11	11	36	75
42/ 41		.2	.2																	2	2	19	80
40/ 39																						4	48
38/ 37																							33
36/ 35																							23
34/ 33																							18
32/ 31																							8
30/ 29																							6
26/ 25																							1
TOTAL	2.0	17.0	12.6	12.6	18.7	15.9	8.4	7.3	3.3	1.5	.7	.2									454		454
																		454		454		

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	1922278	28302	62.3	18.673	454							
Dry Bulb	1476252	25654	56.5	7.667	454			10.5	2.0			90
Wet Bulb	1112909	22389	49.3	4.406	454							90
Dew Point	831201	19295	42.5	4.964	454		3.0					90

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) JUN (MONTH)

 2100-2300

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
78/ 77										.2								1	1
74/ 73										.2								1	1
72/ 71										.2								1	1
70/ 69								.4	.6									5	5
68/ 67							.2											1	1
66/ 65					.2	.6		.6	.4									9	9
64/ 63					.2	1.9	1.2		.2									17	17
62/ 61				.2	.8	.6	.8	.8	.2									17	17 1
60/ 59			.6	.4	1.9	2.3	.4	.6										30	30
58/ 57		.2	.4	1.2	2.5	1.4	.2	.2	.2									31	31 2
56/ 55		.2	1.7	2.5	4.8	1.9												53	53 15
54/ 53	.2	.4	2.3	5.4	3.3	1.0												61	61 25 7
52/ 51		1.7	1.9	4.3	2.1	.8	.2											53	53 44 4
50/ 49		3.9	2.1	3.9	.8													52	52 64 13
48/ 47	1.0	5.2	2.9	1.9	.6													56	56 99 51
46/ 45	1.7	4.5	2.1	.8														44	44 98 54
44/ 43	.6	4.8	1.2	.4														34	34 67 78
42/ 41		2.1	.2															11	11 47 74
40/ 39	.4	.4																4	4 18 68
38/ 37	.2	.4																3	3 4 37
36/ 35																			39
34/ 33																			19
32/ 31																			14
30/ 29																			4
28/ 25																			1
20/ 19																			1
TOTAL	4.1	23.8	15.3	21.1	17.1	10.5	3.1	2.7	1.7	.6								484	484
																	434	484	

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.	2467437	33455	69.1	17.912	484							
Dry Bulb	1341254	25288	52.2	6.436	484			1.7	.4			90
Wet Bulb	1070153	22677	46.9	3.983	484							90
Dew Point	842980	20062	41.5	4.859	484		3.7					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702715 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JUN — MONTH
PAGE 1
ALL — HOUR

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-0/ 79								.0		.1	.1	.0						10	10	
78/ 77							.0	.0	.0	.1	.1							16	16	
76/ 75								.0	.2	.1	.2	.0						30	30	
74/ 73						.1	.1	.3	.2	.2	.1							53	53	
72/ 71						.0	.1	.6	.3	.3	.1							81	81	
70/ 69				.0	.1	.1	.3	1.2	.5	.1								122	122	
68/ 67				.0	.1	.5	1.1	.9	.4	.2								177	177	1
66/ 65				.0	.3	.7	.8	.7	.3	.0								161	161	1
64/ 63			.0	.1	.5	1.5	1.3	.7	.5	.0								260	260	7
62/ 61				.4	1.3	1.7	1.4	.5	.1									258	259	26
60/ 59			.3	.8	1.4	1.5	.8	.3										277	277	69 2
58/ 57		.1	.5	1.3	2.7	1.6	.5	.1	.0									376	376	153 10
56/ 55		.2	1.1	2.2	2.5	1.6	.3	.1										437	437	293 10
54/ 53	.1	.4	1.7	2.8	2.0	.8	.1	.0										441	444	422 49
52/ 51	.1	1.7	2.5	3.2	1.7	.6	.0											531	531	462 104
50/ 49	.3	2.6	3.0	3.2	1.0	.3												578	578	744 272
48/ 47	.4	4.1	2.5	2.0	.5	.1												555	556	808 426
46/ 45	.7	4.5	2.3	1.2	.1													492	492	672 675
44/ 43	.5	3.6	1.5	.5	.1	.0												339	339	721 799
42/ 41	.2	2.0	.8	.1	.1													178	178	492 777
40/ 39	.5	.8	.2	.1	.1													92	92	296 813
38/ 37	.4	.4	.1	.1														51	51	109 574
36/ 35		.1	.2	.0														20	20	31 453
34/ 33		.0	.1	.0														7	7	23 257
32/ 31	.0	.1	.0	.0														7	7	20 150
30/ 29			.0															2	2	6 88
28/ 27																				4 30
26/ 25																				1 27
24/ 23																				18
22/ 21																				9
20/ 19																				9
18/ 17																				2
TOTAL	3.2	20.5	16.9	18.0	14.5	10.3	6.9	5.4	2.5	1.1	.6	.1							5555	5551 5555

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	≤ 0 F	Mean No ≤ 32 F	Mean No ≤ 67 F	Hours with Temperature ≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	26030317	366059	65.9	18.457	5551							
Dry Bulb	16277601	297047	53.5	8.416	5555		1.2	63.4	14.1			720
Wet Bulb	12583037	262641	47.3	5.308	5551		4.0	.1				720
Dew Point	9583950	228610	41.2	5.518	5551		43.2					720

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69									.3									2	2			
68/ 67						.8	.4	.3	.1									12	12			
66/ 65					.8	1.2	.7	.3	.1									23	23			
64/ 63				.3	.5	1.8	.4											22	22			
62/ 61				.3	1.6	.7	.5	.4										26	26			
60/ 59		.5	.3	1.8	2.6	1.5												49	49	4	2	
58/ 57	.3	1.6	4.2	3.7	.8	1.2	.1											88	89	21	4	
56/ 55	.5	2.9	5.0	3.9	1.2	.5												104	104	47	12	
54/ 53	1.1	6.4	4.9	2.2	.7													112	112	130	32	
52/ 51	1.8	4.2	4.1	1.4	.4													87	87	153	92	
50/ 49	.8	5.9	4.1	1.6														91	91	116	169	
48/ 47	1.6	5.7	1.5	1.4														75	75	133	135	
46/ 45	.3	2.4	1.4															30	30	69	114	
44/ 43	.1	.7	.4															9	9	42	78	
42/ 41		.3																2	2	16	52	
40/ 39		.4																3	3	3	57	
38/ 37																				1	34	
36/ 35																					8	
34/ 33																					6	
TOTAL	6.5	31.0	25.9	16.5	9.7	7.8	2.2	1.0	.5										736		735	
																		735		736		

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.	4516262	56452	76.8	15.679	735							
Dry Bulb	2169772	39706	54.0	5.373	736			1.8				93
Wet Bulb	1844458	36716	50.0	3.756	735							93
Dew Point	1592193	34037	46.3	4.666	735							93

USAFETAC FORM 0-26-3-OL-A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB	TOTAL WB	TOTAL Dew P.	TOTAL Wet B. + Dew P.
70/ 69									.1									1	1		
68/ 67								.1	.1									2	2		
66/ 65				.1	.2	.1	.5											8	8		
64/ 63					.4	.6	.2											12	12		
62/ 61				1.0	.9	.2	.5											21	21		
60/ 59	.1	.2	.4	1.9	2.2	1.0	.1											46	48	2	1
58/ 57	.1	.1	2.2	2.4	1.4	.7	.4											59	59	12	3
56/ 55	.9	2.1	4.2	2.7	.9	.2	.2											91	91	24	12
54/ 53	.9	4.2	5.6	3.7	1.0	.1												117	117	84	42
52/ 51	3.1	6.1	5.4	1.4	.2													130	130	153	63
50/ 49	2.4	7.7	4.6	1.7	.2													134	134	156	103
48/ 47	2.6	7.2	2.2	1.0														105	105	144	175
46/ 45	.1	4.2	1.6	.4														51	51	102	118
44/ 43	.5	.9	1.0															19	19	61	103
42/ 41		.1	.1															2	2	24	74
40/ 39		.4																3	3	8	51
38/ 37	.1	.1																2	2	5	31
36/ 35																					17
34/ 33																					8
32/ 31																					4
TOTAL	10.8	33.5	27.4	15.3	7.5	3.1	2.0	.1	.2									803		803	803

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5294779	64159	79.9	14.496	803							
Dry Bulb	2208565	41933	52.2	4.842	803			.3				93
Wet Bulb	1927645	39233	48.9	3.669	803							93
Dew Point	1697992	36742	45.8	4.581	803		.5					93

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 | TATALINA AFS AK | 73-81 | JUL

STATION | STATION NAME | YEARS | MONTH

 0600-0800 L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
72/ 71								.1	.1									2	2		
70/ 69						.1	.2	.2	.1									6	6		
68/ 67					.1	.6	.6		.1									12	12		
66/ 65					1.0	.7	.2		.1									17	17		
64/ 63				.4	1.4	1.2	.5											28	28		
62/ 61			.5	1.7	1.9	.9	.2											42	42		
60/ 59		.1	1.6	3.2	1.9	.7	.1											62	62	6	
58/ 57	.1	.5	3.2	4.0	1.6													76	76	27	1
56/ 55	.4	2.6	5.1	2.9	1.4	.1												100	100	76	11
54/ 53	1.2	4.6	5.5	1.7	1.0													113	113	116	53
52/ 51	2.7	5.5	4.2	2.0	.1													117	117	166	92
50/ 49	3.4	7.1	2.6	1.6														110	110	155	137
48/ 47	2.2	5.2	1.6	.4														76	76	132	106
46/ 45	.6	2.2	.4															26	26	75	130
44/ 43	.1	1.2	.2															13	13	33	71
42/ 41		.2	.1															3	3	13	52
40/ 39		.1																1	1	5	40
38/ 37																					23
36/ 35																					6
34/ 33																					2
TOTAL	9.8	29.5	25.1	17.9	10.3	4.5	2.0	.4	.5										804		804
																		804		804	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5098817	62899	78.2	14.891	804							
Dry Bulb	2375820	43482	54.1	5.492	804			2.3				93
Wet Bulb	2043700	40424	50.3	3.741	804							93
Dew Point	1785293	37739	46.9	4.155	804							93

FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
JUL — MONTH

 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
79/ 79											.1							1	1	
77/ 77						.1	.1	.1	.2									5	5	
76/ 75							.2	.4	.5	.1	.1							11	11	
74/ 73					.1	.1	.5	.5	.4	.2		.1						16	16	
72/ 71					.1	.5	1.0	.5	.4	.4								23	23	
70/ 69				.1	.4	1.5	.9	.9	.5									34	34	
68/ 67				.4	1.1	1.5	2.2	.4	.1	.1								47	47	1
66/ 65				.6	3.1	2.0	1.4	.4										60	60	2
64/ 63			.1	1.4	3.1	3.0	.7	.1										68	68	9
62/ 61			.2	2.4	4.1	1.1	.4											66	66	25 2
60/ 59		.2	2.6	2.7	1.2	1.0	.1											64	64	49 5
58/ 57		1.0	2.9	2.6	2.2	.4												73	73	78 20
56/ 55	.1	3.4	4.4	1.9	1.9	.2												95	95	137 37
54/ 53	.7	3.0	3.5	1.5	.2													72	72	153 79
52/ 51	1.1	4.2	2.7	.1	.1													67	67	177 104
50/ 49	.1	5.2	2.2	.2														63	63	114 138
48/ 47	.5	1.5	.5															20	20	82 163
46/ 45	.2	.9	.2															11	11	28 100
44/ 43	.1	.2	.1															4	4	11 65
42/ 41	.1																	1	1	4 49
40/ 39																				1 32
38/ 37																				13
36/ 35																				2
32/ 31																				1
30/ 29																				1
TOTAL	3.1	19.7	19.6	14.0	17.9	11.5	7.6	3.2	2.1	.9	.2	.1						801	801	801

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.	4060154	55344	69.1	17.184	801							
Dry Bulb	2841677	47353	59.1	7.271	801			15.9	3.8			93
Wet Bulb	2271368	42512	53.1	4.345	801			.1				93
Dew Point	1866361	38495	48.1	4.520	801		.2					93

USAFETAC FORM 0-26-3-OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87										.1								1	1	
84/ 83											.4							3	3	
82/ 81										.1	.2							3	3	
80/ 79										.6	.2	.1						8	8	
78/ 77								.6	.5	1.0	.5	.4	.1					25	25	
76/ 75						.1	.1	.6	.4	.5	.4	.1						26	26	
74/ 73						.4	1.0	1.2	1.2	.9	.1							39	39	
72/ 71						.6	1.6	1.2	.9	.2								37	37	
70/ 69					.7	.7	2.7	2.7	.5									60	60	1
68/ 67				.7	1.1	1.7	3.1	.9	.2									63	63	
66/ 65				1.5	3.0	2.4	2.0	.5										75	75	2
64/ 63				2.1	2.0	1.5	.6	.5										54	54	22
62/ 61		.1	1.0	2.6	2.7	1.4	1.0	.1										72	72	51
60/ 59		.4	2.9	3.1	.6	1.6	.1											70	70	80	7
58/ 57		1.2	2.1	2.0	2.0	.1												60	60	131	17
56/ 55	.4	2.7	3.5	2.7	.9													82	82	165	50
54/ 53	.1	.7	2.9	.9	.2													39	39	107	65
52/ 51	.7	2.5	2.4	.5														49	49	84	99
50/ 49	.4	1.6	.5	.4														23	23	100	133
48/ 47		.7	.5															10	10	40	126
46/ 45		.4																3	3	11	103
44/ 43		.1																1	1	8	78
42/ 41																				1	55
40/ 39																					33
38/ 37																					9
36/ 35																					4
34/ 33																					2
TOTAL	1.6	10.6	15.7	16.6	13.3	10.6	12.3	9.5	3.7	3.5	1.9	.6	.1						803		803
																		803		803	

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.	3336268	49674	61.9	18.123	803							
Dry Bulb	3215533	50405	62.8	8.019	803			30.7	12.2	1.4		93
Wet Bulb	2423033	43971	54.8	4.361	803			.1				93
Dew Point	1883992	38708	48.2	4.751	803							93

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-74,76-81 YEARS | JUL MONTH

 1500-1700 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
88/ 87											.3		.3					4	4	
86/ 85										.1	.1		.1					3	3	
84/ 83										.1	.1	.3						4	4	
82/ 81										.1	.7		.1					7	7	
80/ 79										.1	.3	.3						5	5	
78/ 77								.6	.1	1.0	1.1	.6						24	24	
76/ 75						.3	.3	1.3	1.6	1.4	.9							40	40	
74/ 73						.1	1.3	1.0	1.7	.3	.4							34	34	
72/ 71					.1	.4	1.0	1.7	2.4	.1								41	41	
70/ 69					1.3	1.6	1.4	1.6	1.1	.1								50	50	
68/ 67				.4	1.3	1.6	2.9	.7	.9									54	54	5
66/ 65				1.0	2.4	1.6	.9	1.1										49	49	3
64/ 63		.1	.3	2.4	3.1	1.4	.4	.9										61	61	21
62/ 61		.3	.7	1.4	1.9	2.1	.4											48	48	46 3
60/ 59		.6	2.3	3.1	1.6	.3			.1									56	56	67 4
58/ 57		1.7	1.4	3.3	1.9	.1		.1										60	60	121 10
56/ 55		1.6	3.7	3.1	.6													63	63	136 55
54/ 53	.4	2.3	.9	2.0	.1													40	40	88 57
52/ 51	.3	1.7	1.4	.3														26	26	106 91
50/ 49	.3	1.7	.9	.4														23	23	54 104
48/ 47		.6																4	4	36 101
46/ 45		.7																5	5	12 95
44/ 43																				6 77
42/ 41																				49
40/ 39																				27
38/ 37																				18
36/ 35																				7
34/ 33																				1
32/ 29																				1
26/ 25																				1
TOTAL	1.0	11.3	11.6	17.5	14.3	9.6	8.6	9.0	8.0	3.6	4.0	1.1	.6						701	701
																		701	701	

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.	2742453	41743	59.5	19.152	701							
Dry Bulb	2899415	44691	63.8	8.470	701			35.3	16.1	2.9		93
Wet Bulb	2136519	38577	55.0	4.403	701			.7				93
Dew Point	1621342	33520	47.8	5.141	701		.3					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 74,76-81 JUL
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87													.2					1		1		
82/ 81										.4	.2							3		3		
80/ 79										.2	.4							3		3		
78/ 77									.6	.2		.4						6		6		
76/ 75						.2		1.4	1.2	.8								18		18		
74/ 73						.2	.6	.6	2.2	.2								19		19		
72/ 71							.8	1.6	.6									15		15		
70/ 69					1.0	1.2	1.4	1.8	.2									28		28		
68/ 67				.4	1.4	1.8	2.0	.6	.2									32		32		
66/ 65				2.2	1.0	4.4	1.4	.2										46		46	2	
64/ 63				1.4	2.2	1.6	.6	.4										31		31	4	
62/ 61		.2	1.4	3.8	2.8	1.2	.6	.2										51		51	35	
60/ 59		1.2	3.0	4.2	1.6	.6			.2									54		54	41	2
58/ 57	.4	2.4	2.0	2.4	2.4	.2	.2											50		50	77	14
56/ 55	.6	3.8	2.0	2.6	.2													46		46	102	33
54/ 53	.8	3.4	2.0	1.2														37		37	84	58
52/ 51	.2	3.4	1.6	.6														29		29	63	70
50/ 49	.2	1.2	1.6															15		15	49	92
48/ 47		1.2	.6															9		9	26	77
46/ 45		.8																4		4	13	69
44/ 43																					1	39
42/ 41																						27
40/ 39																						8
38/ 37																						3
36/ 35																						2
34/ 33																						2
26/ 25																						1
TOTAL	2.2	17.7	14.3	18.9	12.7	11.5	7.6	6.8	5.2	1.8	.6	.4	.2						497		497	
																		497		497		

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.	2315626	32678	65.8	18.351	497							
Dry Bulb	1908317	30565	61.5	7.594	497			23.4	9.4	1.1		93
Wet Bulb	1484538	27086	54.5	4.110	497							93
Dew Point	1191345	24227	48.7	4.571	497		.2					93

FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUN 71 USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70715 — STATION
TATALINA AFS AK — STATION NAME
75-81 — YEARS
JUL — MONTH
PAGE 1
2100-2300 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77										.2								1		1		
76/ 75										.2								1		1		
74/ 73						.2			.2									2		2		
72/ 71							.8		.2									5		5		
70/ 69					.2	.6	1.1	.4	.4									15		15		
68/ 67				.2	.4	.8	1.7	.6										19		19		
66/ 65				.2	1.0	1.5	2.1	.2										26		26		
64/ 63			.4	.2	1.9	2.7	1.3											34		34	1	
62/ 61		.2	.6	1.5	2.5	1.5	.2											34		34	4	
60/ 59		1.1	2.7	4.0	2.3	.8												57		57	23	1
58/ 57		3.4	5.1	4.8	2.1	.2												82		82	33	12
56/ 55	.4	3.8	4.0	2.5	.8	.4	.2											63		63	83	23
54/ 53	.8	4.8	1.7	1.0	1.0													48		48	115	45
52/ 51	1.7	3.8	3.8	1.5														57		57	92	55
50/ 49	1.5	5.1	1.7	1.1														50		50	77	102
48/ 47	.6	2.9	.8	.4														24		24	50	96
46/ 45		1.0																5		5	33	80
44/ 43		.2	.2															2		2	12	39
42/ 41																					2	37
40/ 39																						23
38/ 37																						8
34/ 33																						2
TOTAL	5.0	26.3	21.0	17.3	12.0	8.8	7.4	1.1	.8	.4									525		525		525

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2965273	38487	73.3	16.569	525							
Dry Bulb	1730137	29969	57.1	6.083	525			7.6	.7			93
Wet Bulb	1434413	27367	52.1	3.867	525							93
Dew Point	1214173	25139	47.9	4.460	525							93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | JUL MONTH

 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
88/ 87										.0	.0		.1					6	6	
86/ 85										.0	.0		.0					3	3	
84/ 83										.0	.1	.0						7	7	
82/ 81										.1	.1		.0					13	13	
80/ 79										.1	.1	.1						17	17	
78/ 77						.0	.0	.2	.2	.3	.2	.2	.0					61	61	
76/ 75						.1	.1	.6	.4	.4	.2	.0						96	96	
74/ 73					.0	.1	.4	.4	.7	.2	.1	.0						110	110	
72/ 71					.0	.2	.6	.6	.6	.1								123	123	
70/ 69				.0	.4	.7	1.0	.9	.4	.0								196	196	1
68/ 67				.3	.7	1.1	1.6	.4	.2	.0								241	241	6
66/ 65				.7	1.6	1.6	1.1	.3	.0									304	304	9
64/ 63		.0	.1	1.0	1.8	1.7	.6	.2										308	308	57
62/ 61		.1	.5	1.8	2.3	1.1	.5	.1										360	360	161	5
60/ 59	.0	.5	1.9	2.9	1.7	1.0	.1		.0									460	460	272	22
58/ 57	.1	1.4	2.9	3.1	1.8	.4	.1	.0										548	549	498	71
56/ 55	.4	2.8	4.1	2.8	1.0	.2	.1											644	644	778	231
54/ 53	.8	3.6	3.5	1.7	.5	.0												578	578	877	431
52/ 51	1.5	4.0	3.3	1.0	.1													562	562	924	666
50/ 49	1.0	4.6	2.3	.9	.0													509	509	823	918
48/ 47	1.0	3.3	1.0	.4														323	323	663	1063
46/ 45	.2	1.7	.5	.1														135	135	343	809
44/ 43	.1	.5	.3															48	48	174	550
42/ 41	.0	.1	.0															8	9	60	395
40/ 39		.1																7	7	17	271
38/ 37	.0	.0																2	2	6	139
36/ 35																					46
34/ 33																					23
32/ 31																					5
30/ 29																					2
28/ 25																					2
TOTAL	5.2	22.6	20.4	16.6	12.0	8.2	6.1	3.8	2.5	1.3	.8	.3	.1						5670		5669
																		5669		5669	

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.	30329632	401436	70.8	18.323	5669							
Dry Bulb	19349236	328164	57.9	7.925	5670			114.6	41.1	5.2		744
Wet Bulb	15565674	295886	52.2	4.645	5669			.9				744
Dew Point	12852691	268607	47.4	4.708	5669		1.2					744

USAFETAC FORM 0-26 3 JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2315 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
AUG — MONTH

 0600-0200 — HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
71/ 69					.3													2	2	
68/ 67					.4	.1	.1	.1										6	6	
66/ 65				.1	.7	.1												7	7	
64/ 63			.3	.4	.6	.1												10	10	
62/ 61			.6	2.2	.4	.1	.7											29	29	2
60/ 59		1.0	2.9	1.7	.7													45	45	6
58/ 57		1.4	3.3	1.8	1.0	.1												55	55	23	4
56/ 55	.4	3.1	3.8	2.5	.6													74	74	72	23
54/ 53	1.5	4.9	6.5	2.1	.7													113	113	71	54
52/ 51	1.7	5.0	4.9	1.4	.6													97	97	106	81
50/ 49	1.3	6.4	4.7	1.5	.1													101	101	124	93
48/ 47	1.5	5.1	2.9	1.0														76	77	118	107
46/ 45	1.0	2.8	1.1	.7														40	40	69	105
44/ 43		1.5	1.0	.6														22	22	56	69
42/ 41	.4	1.4	.6	.1														18	18	25	62
40/ 39	.3	1.1	.4															13	13	21	54
38/ 37		.6																4	4	14	45
36/ 35	.1	.6	.1															6	6	9	24
34/ 33	.1																	1	1	2	19
32/ 31																				1	6
30/ 29																					2
26/ 25																					1
TOTAL	8.3	34.8	33.1	16.1	6.0	.7	.8	.1											720		719
																		719		719	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4791696	58018	80.7	12.382	719							
Dry Bulb	1978426	37506	52.1	5.858	720			1.0				93
Wet Bulb	1740807	35193	48.9	5.036	719		.1					93
Dew Point	1547361	33113	46.1	5.581	719		1.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

 0300-0500

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
68/ 65				.1	.1	.1												3	3	
64/ 63				.4	.4	.1												7	7	
62/ 61			.3	.6	.1													8	8	
60/ 59		.5	1.0	.9		.1												20	20	2
58/ 57	.1	1.4	2.1	2.1	.6	.3												53	53	13 1
56/ 55	.8	3.6	2.6	1.6	.1													70	70	52 27
54/ 53	1.1	4.3	4.9	.8	.3													90	90	63 43
52/ 51	1.8	7.4	4.5	.8	.4													118	118	89 62
50/ 49	1.1	6.3	5.0	.8	.4													108	108	124 78
48/ 47	2.1	8.6	2.1	.9														110	110	131 128
46/ 45	2.1	7.5	2.5	.4														100	100	118 131
44/ 43	.9	3.0	1.3	.1														42	42	98 94
42/ 41	.6	1.0	.8															19	19	37 67
40/ 39	.8	.6	.1	.1														13	13	24 50
38/ 37	.3	1.3	.1	.1														14	14	13 29
36/ 35	.8	1.4	.1															18	18	19 23
34/ 33	.4	.3	.3															7	7	12 27
32/ 31																				3 12
30/ 29																				2 1
28/ 27																				3
26/ 25																				2
24/ 23																				2
TOTAL	12.8	47.0	27.6	9.6	2.4	.6												800	800	800

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5788487	67473	84.3	11.060	800							
Dry Bulb	2006583	39801	49.8	5.752	800							93
Wet Bulb	1814484	37872	47.3	5.202	800		.6					93
Dew Point	1648262	36024	45.0	5.716	800		2.3					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702715 — STATION
TATALINA AFS AK — STATION NAME
73-81 — YEARS
AUG — MONTH

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew Point
72/ 71						.1												1	1	
68/ 67					.1	.1												2	2	
66/ 65				.2	.2	.2												6	6	
64/ 63				.4	.9	.1												11	11	
62/ 61			.7	1.1	.5													19	19	1
60/ 59		.6	2.0	1.4	.9	.2												41	41	5
58/ 57	.1	2.0	3.1	1.9	.1	.1												59	59	25	5
56/ 55	.6	3.4	3.5	1.9	.2	.1												78	78	66	24
54/ 53	1.7	2.2	4.2	1.9	.1													82	82	78	64
52/ 51	2.7	6.5	5.1	1.6	.2													130	130	95	72
50/ 49	1.5	5.5	4.9	1.0	.2													105	105	121	67
48/ 47	2.2	6.6	2.2	.4														92	92	131	133
46/ 45	2.6	4.4	1.1	.2														67	67	115	137
44/ 43	1.1	2.5	.9															36	36	67	92
42/ 41	.1	2.1	1.1		.1													28	28	32	65
40/ 39	.5	1.2	.2	.1														17	17	22	43
38/ 37	.2	1.2	.2															14	14	17	29
36/ 35	.4	.9		.1														11	11	15	23
34/ 33	.1	.1																2	2	10	17
32/ 31																				1	11
30/ 29																					3
28/ 27																					2
26/ 25																					1
24/ 23																					
TOTAL	14.1	39.3	29.5	12.2	3.7	1.1												801	801	801	801

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	5688105	66849	83.5	11.678	801
Dry Bulb	2099454	40722	50.8	6.041	801
Wet Bulb	1683399	38611	48.2	5.269	801
Dew Point	1703032	36658	45.8	5.631	801

Mean No. of Hours with Temperature

Element (X)	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb			.3				93
Wet Bulb		.1					93
Dew Point		2.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7 2715 — STATION
TATALINA AFS AK — STATION NAME
73-61 — YEARS
AUG — MONTH

 0900-1100

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
78/ 77									.1									1	1		
76/ 75							.1	.2	.1									4	4		
74/ 73							.5	.4	.2									9	9		
72/ 71						.6	.6	.2		.1								13	13		
70/ 69				.1	.2	1.0	.6											16	16		
68/ 67					1.6	.7	.5	.1	.1									25	25		
66/ 65			.1	1.1	1.6	2.2	.2											43	43		
64/ 63			.1	1.1	2.0	1.7	.5	.1										45	45	3	
62/ 61			1.1	2.4	2.9	1.6	.5											69	69	24	
60/ 59		1.0	3.2	4.0	2.4	1.1	.1											95	95	39	2
58/ 57		1.7	2.2	3.4	2.0	.6	.1											81	81	71	11
56/ 55	.7	3.1	3.9	2.4	1.0	.4												92	92	107	50
54/ 53	.5	2.5	3.6	3.0	.6	.1												83	83	128	90
52/ 51	.2	2.5	2.5	.6	.6	.1	.1											54	54	109	74
50/ 49	1.2	3.1	1.6	.5	.2	.1												55	55	106	147
48/ 47	1.1	3.7	.4	.2	.1	.1												46	46	84	121
46/ 45	.5	1.7		.4	.1	.1												23	23	46	117
44/ 43	.2	2.0	.5	.1														23	23	32	76
42/ 41		1.2	.9	.1														18	18	20	51
40/ 39	.1	.2	.1															4	4	20	24
38/ 37		.2																2	2	7	23
36/ 35																				5	21
34/ 33																					14
32/ 31																					4
28/ 27																					3
26/ 25																					2
22/ 21																					1
TOTAL	4.7	23.2	29.3	19.5	15.5	10.7	4.1	1.1	.6	.1									931		801
																		801		801	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4411379	58123	72.6	15.564	801							
Dry Bulb	2602250	45278	56.5	7.317	801			7.9	1.6			93
Wet Bulb	2147820	41256	51.5	5.351	801							93
Dew Point	1807243	37773	47.2	5.698	801		1.2					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

 1200-1400

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
84/ 83										.1	.1							2	2			
82/ 81										.3								2	2			
80/ 79								.1			.3	.3						5	5			
78/ 77							.6	.9	.3	.6	.1							20	20			
76/ 75						.4	.4	.3	1.0	.1								17	17			
74/ 73					.3	.1	.5	.8	.4									16	16			
72/ 71				.1	.5	.5	1.3	.8	.1									26	26			
70/ 69			.4	.3	.8	1.4	2.1	.4	.1									43	43			
68/ 67					1.6	2.3	2.6	.3	.3									56	56			
66/ 65		.1	.4	.9	2.4	2.3	1.4	.9	.4	.1								70	70	19		
64/ 63			.3	1.4	2.1	1.9	1.6	.5										62	62	24		1
62/ 61		.3	1.4	2.6	2.6	1.6	.8	.1										75	75	26		4
60/ 59		.6	2.9	3.4	2.1	1.0	.6											85	85	69		11
58/ 57		1.6	1.8	2.1	1.1	1.0												61	61	116		31
56/ 55	.5	3.0	.9	2.0	.6	1.3	.3											68	68	115		47
54/ 53		1.4	2.9	2.1	.6		.5											60	60	110		85
52/ 51	.1	1.9	1.5			.1	.1											29	29	90		84
50/ 49	1.0	1.9	2.0	.1	.1													41	41	79		135
48/ 47	.5	1.8	.4		.1													22	22	64		118
46/ 45	.4	1.3	1.4	.1														25	25	41		108
44/ 43		.1	.5	.5														9	9	18		66
42/ 41		.4	.1															4	4	16		38
40/ 39		.3																2	2	6		34
38/ 37																				3		27
36/ 35																						20
34/ 33																						6
32/ 31																						7
30/ 29																						1
28/ 27																						4
26/ 25																						3
TOTAL	2.5	14.4	16.6	15.6	15.0	13.8	12.9	4.9	2.5	1.3	.5	.							800		800	
																		800		800		

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.	3624964	52034	65.0	17.351	800							
Dry Bulb	2981259	48391	60.5	8.232	800			21.7	7.2	.6		93
Wet Bulb	2315933	42815	53.5	5.541	800							93
Dew Point	1845889	38111	47.6	6.161	800		1.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]2315 TATALINA AFS AK 73-81 AUG

STATION STATION NAME YEARS

 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	Wet Bulb	Dew Point
[illegible]/ 85											.3							2		2		
[illegible]/ 83										.2								1		1		
82/ 81									.5	.5	.2							7		7		
80/ 79								.3	.3	.3	.6	.3						12		12		
78/ 77							.5	1.3		.5	.5	.2						18		18		
76/ 75						.2	.6	.5	.8	.5								16		16		
74/ 73					.2	.6	.8	.9	1.1		.2							24		24		
72/ 71					.3	.8	1.3	1.3	.3									25		25		
70/ 69					.8	1.1	1.9	1.9	.5	.2								40		40		
68/ 67				.3	1.7	2.2	3.0	.8	.6	.2								56		56	1	
66/ 65				1.3	.8	1.3	1.4	.5	.6									38		38	19	
64/ 63			.2	1.7	3.8	.8	.6	.3										47		47	22	
62/ 61			.5	1.6	3.6	.6	.6	.9										50		50	28	
60/ 59	.6	1.3	2.3	2.5	2.7	1.1	.5											70		70	62	14
58/ 57		1.1	2.2	1.9	1.9	.5	.3											50		50	87	26
56/ 55	.2	1.7	2.7	1.6	1.4	.5												51		51	93	42
54/ 53	.2	1.3	2.2	.6		.3	.5											32		32	87	55
52/ 51	.2	1.7	2.7	.8	.5	.2	.2											39		39	64	75
50/ 49		1.6	.6	.5	.2	.2												19		19	60	79
48/ 47	.5	1.7	.6	.3														20		20	56	93
46/ 45		1.1	.8	.3														14		14	23	83
44/ 43		.3	.2	.3														5		5	15	49
42/ 41																					14	37
40/ 39		.6																4		4	4	22
38/ 37																					3	21
36/ 35																						18
34/ 33																						13
32/ 31																						8
30/ 29																						1
28/ 27																						3
26/ 25																						1
TOTAL	1.6	12.3	14.8	13.6	17.7	10.2	12.0	8.6	4.7	2.3	1.7	.5							640		640	640

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	2685602	39804	62.2	18.130	640			29.2	11.6	2.3		93
Dry Bulb	2492946	39542	61.8	8.834	640			.1				93
Wet Bulb	1884126	34536	54.0	5.661	640		1.9					93
Dew Point	1467311	30373	47.5	6.326	640							93

USAFETAC FORM 0-26-3-OL-A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-74,76-81 YEARS | AUG

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
847/ 83										.2								1	1			
827/ 81									.2	.2								2	2			
807/ 79									.6									3	3			
787/ 77							.2	.4	.6	.6	.2							10	10			
767/ 75						.7	.2	.6	.2									9	9			
747/ 73						.7	.9	.6	.4	.2								15	15			
727/ 71					.2	.2	1.3	.7										13	13			
707/ 69					.2	.7	1.5	.7	.6									20	20			
687/ 67					1.5	2.0	1.3	.2										27	27			
667/ 65			.4	.9	2.8	1.8	1.3	.4										41	41	9		
647/ 63				1.5	2.4	1.3	.7	.4	.4									36	36	14		
627/ 61		.4	.6	2.4	1.8	1.8	.4	.6										43	43	16		
607/ 59	.2	2.0	3.3	2.8	1.1	.7	.9	.2										61	61	30	3	
587/ 57		1.3	1.1	2.4	1.7	.6	.2											39	39	70	20	
567/ 55		2.4	2.9	1.5	2.4	.6												53	53	73	24	
547/ 53	.7	3.1	1.3	1.3	.7	.7												46	46	78	66	
527/ 51	.2	2.2	3.5	.9	.6	.4												42	42	57	65	
507/ 49	.2	2.4	.9	.7	.4													25	25	44	71	
487/ 47	.9	2.2	.9	.4	.2													25	25	66	59	
467/ 45	.2	.6	.6	.9														12	12	71	66	
447/ 43		1.5	.9	.4														15	15	15	46	
427/ 41		.2	.2															2	2	20	37	
407/ 39			.2															1	1	6	18	
387/ 37		.4																2	2	1	18	
367/ 35	.2																	1	1	4	11	
347/ 33																					11	
327/ 31																					1	
307/ 29																					1	
TOTAL	2.6	18.6	16.7	16.5	15.8	12.3	8.8	4.6	2.8	1.1	.2							544		544		544

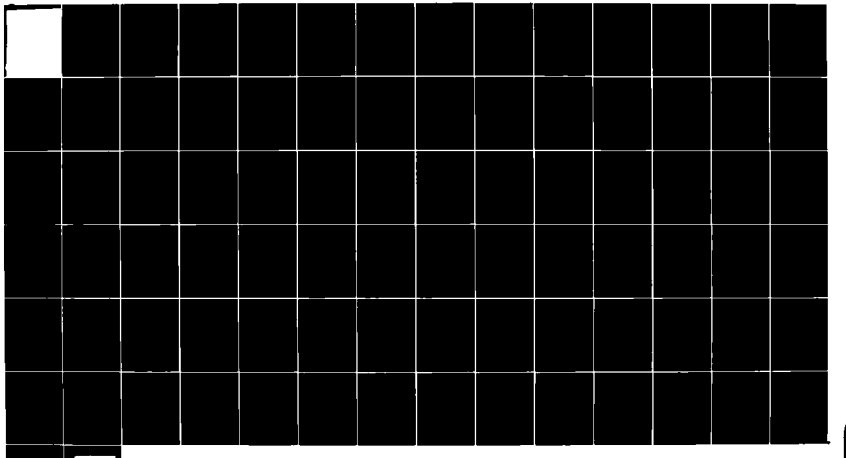
Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 65 F	≤ 73 F	≥ F
Rel. Hum.	2619970	36524	67.1	17.577	544					
Dry Bulb	1932289	32093	59.0	8.473	544			17.1	6.8	
Wet Bulb	1524192	28618	52.6	5.868	544					
Dew Point	1229866	25632	47.1	6.386	544		2.2			

USAFETAC FORM 0-26-3 OL A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

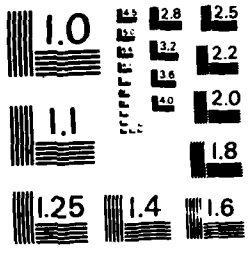
AD-A128 118 TATALINA AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. MAR 83

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UNCLASSIFIED USAFETAC/DS-83/004 SBI-AD-E850 368 F/G 4/2 NL



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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-81 (YEARS) AUG (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
76/ 75								.2										1	1		
74/ 73							.4		.4									4	4		
72/ 71						.4	.4	.2										5	5		
70/ 69					.6	.8	.2	.2										9	9		
68/ 67			.2	.2	.2	.4	.8	.2										10	10		
66/ 65			.2		.6	.9	.2	.2										11	11		
64/ 63			.4	1.3	.8	.8	.2											18	18	2	
62/ 61			1.1	1.9	2.5	1.1	.6											38	38	10	1
60/ 59		1.3	1.1	3.4	2.1	.6												45	45	10	1
58/ 57	.4	3.0	3.2	2.6	2.3	.4	.2											64	64	39	11
56/ 55		4.0	4.0	3.4	1.5	.8	.2											73	73	50	23
54/ 53	1.1	4.7	3.2	1.9	.2	.8												63	63	84	41
52/ 51	.6	2.3	3.0	2.3	1.5													51	51	77	72
50/ 49	.8	3.6	3.0	1.1	.9													50	50	78	51
48/ 47	.4	4.3	.9	.8	.2													35	35	61	87
46/ 45	.4	2.3	.8	.6														21	21	47	69
44/ 43		1.1	1.3	.4														15	15	28	42
42/ 41		1.1	.8															10	10	20	46
40/ 39	.2	.2	.2															3	3	15	24
38/ 37		.2	.2															2	2	5	10
36/ 35		.2																1	1	2	29
34/ 33																				1	16
32/ 31																					6
TOTAL	3.8	28.4	23.6	19.8	13.2	6.8	3.0	.9	.4										529		529
																		529		529	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3070428	39498	74.7	15.157	529							
Dry Bulb	1615353	29019	54.9	6.668	529			5.1	.9			93
Wet Bulb	1357748	26656	50.4	5.253	529							93
Dew Point	1157192	24[illegible]	46.4	5.996	529		1.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | AUG MONTH

ALL HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
86/ 85											.0							2	2		
84/ 83										.1	.0							4	4		
82/ 81									.1	.1	.0							11	11		
80/ 79								.1	.1	.0	.1	.1						20	20		
78/ 77							.2	.3	.1	.2	.1	.0						49	49		
76/ 75						.1	.2	.2	.3	.1								47	47		
74/ 73					.1	.2	.4	.3	.3	.0	.0							68	68		
72/ 71				.0	.1	.3	.6	.4	.1	.0								83	83		
70/ 69			.1	.1	.3	.6	.8	.4	.1	.0								130	130		
68/ 67			.0	.1	.9	.9	1.0	.2	.1	.0								182	182	1	
66/ 65		.0	.1	.6	1.1	1.1	.5	.2	.1	.0								219	219	47	
64/ 63			.1	1.0	1.6	.9	.5	.2	.0									236	236	65	1
62/ 61		.1	.8	1.8	1.7	.8	.4	.2										331	331	107	5
60/ 59	.1	1.0	2.4	2.4	1.5	.6	.2	.0										462	462	231	36
58/ 57	.1	1.7	2.4	2.3	1.3	.4	.1											462	462	444	109
56/ 55	.4	3.1	3.0	2.1	.9	.4	.1											559	559	628	260
54/ 53	.9	3.0	3.7	1.8	.4	.2	.1											569	569	699	498
52/ 51	1.0	3.8	3.5	1.0	.5	.1	.1											560	560	687	585
50/ 49	.9	3.9	3.0	.8	.3	.0												504	504	736	681
48/ 47	1.2	4.4	1.3	.5	.1	.0												426	427	713	846
46/ 45	1.0	2.9	1.1	.4	.0	.0												302	302	490	809
44/ 43	.3	1.6	.8	.3														167	167	329	534
42/ 41	.2	1.0	.6	.0	.0													99	99	186	423
40/ 39	.2	.6	.2	.0														57	57	122	269
38/ 37	.1	.5	.1	.0														38	38	63	172
36/ 35	.2	.4	.0	.0														37	37	54	179
34/ 33	.1	.1	.0															10	10	25	124
32/ 31																				5	66
30/ 29																				2	6
28/ 27																					16
26/ 25																					11
24/ 23																					3
22/ 21																					1

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 88 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
TOTAL	6.7	27.9	23.1	15.2	10.7	6.8	5.0	2.4	1.3	.6	.3	.1						5634	5635	5634	5634

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.	32680631	418323	74.2	16.960	5634							
Dry Bulb	17706560	312352	55.4	8.370	5635			78.7	26.5	3.6		744
Wet Bulb	14666509	285557	50.7	5.886	5634		.9	.1				744
Dew Point	12405856	262222	46.5	5.978	5634		13.6					744

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
56/ 55				1.0	.4													10	10		
54/ 53			.6	.7			.1											10	10		
52/ 51		.7	1.0	.8	.3													20	20	3	
50/ 49		2.2	2.0	2.4	1.1													55	55	15	2
48/ 47	.8	2.9	3.1	1.7	1.0													68	68	45	24
46/ 45	2.9	6.9	2.4	2.1														102	102	75	46
44/ 43	2.7	6.0	3.9	1.7	.3													104	104	121	63
42/ 41	3.2	4.5	3.2	.4														81	81	94	102
40/ 39	2.9	3.6	1.5	.7														63	63	101	80
38/ 37	1.8	2.0	1.5	.4														41	41	58	72
36/ 35	2.2	3.2	1.7	.6														55	55	48	70
34/ 33	.1	3.9	1.8	.1														43	43	37	51
32/ 31	1.1	3.6	1.8															47	47	62	66
30/ 29	.4	1.1																11	11	35	51
28/ 27		.4																3	3	18	28
26/ 25		.1																1	1	1	27
24/ 23																				1	10
22/ 21																					20
20/ 19																					2
TOTAL	18.3	41.3	24.5	12.6	3.1		.1											714	714		714

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.
Rel. Hum.	4953849	58721	82.2	13.214	714
Dry Bulb	1279799	29917	41.9	6.069	714
Wet Bulb	1140736	28258	39.6	5.601	714
Dew Point	985276	26110	36.6	6.537	714

Mean No. of Hours with Temperature	≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.							
Dry Bulb		7.8					90
Wet Bulb		14.7					90
Dew Point		25.7					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
56/ 55				.1	.1													2	2		
54/ 53			.3	.1			.4											6	6		
52/ 51		.3	.4	.5														9	9		
50/ 49		1.7	1.3	.6	.3													30	30	5	
48/ 47	.5	2.8	2.4	1.0	.3													55	55	34	20
46/ 45	2.8	4.4	3.0	1.9	.1													95	95	62	40
44/ 43	3.7	7.8	4.6	1.4														137	137	108	64
42/ 41	3.7	5.1	3.3	.8														101	101	123	99
40/ 39	3.0	4.0	1.9	.3														71	71	104	88
38/ 37	2.1	3.7	1.2	.1														55	55	86	67
36/ 35	2.7	3.7	1.3	.3														62	62	56	73
34/ 33	.9	4.1	2.6															59	59	54	84
32/ 31	1.7	5.1	1.3															63	63	61	77
30/ 29	1.3	1.8	.1															25	25	57	58
28/ 27		.3	.1															3	3	20	42
26/ 25		.4																3	3	6	28
24/ 23		.3																2	2		8
22/ 21		.1																1	1	2	26
20/ 19																				1	2
16/ 15																					3
TOTAL	22.3	45.6	23.7	7.2	.8		.4											779	779	779	779

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.	5662263	65703	84.3	12.455	779							
Dry Bulb	1297591	31463	40.4	5.873	779		11.2					90
Wet Bulb	1175051	29943	38.4	5.567	779		17.0					90
Dew Point	1030915	27877	35.8	6.549	779		28.2					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) SEP (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
56/ 55					.3													2	2		
54/ 53			.1	.3	.1		.3	.1										7	7		
52/ 51		.1	1.0	.6	.4													17	17		
50/ 49		1.3	1.4	.8	.5	.1												32	32	6	1
48/ 47	.6	2.3	2.7	1.4	.3													57	57	37	14
46/ 45	3.8	5.7	3.4	2.6														122	122	66	51
44/ 43	3.3	5.9	4.2	1.3														115	115	111	62
42/ 41	3.3	4.3	2.8	.5														86	86	121	95
40/ 39	4.1	2.6	2.6	.3														74	74	107	104
38/ 37	1.0	4.1	.9	.3														49	49	68	44
36/ 35	2.3	4.0	1.3	.3														61	61	60	84
34/ 33	1.5	4.5	1.0															55	55	52	86
32/ 31	1.1	5.2	1.4															61	61	60	69
30/ 29	.8	2.6	.8															32	32	57	57
28/ 27	.3	.9																9	9	25	45
26/ 25		.1																1	1	9	33
24/ 23		.1																1	1	1	10
22/ 21		.3																2	2	2	18
20/ 19																				1	7
16/ 15																					2
14/ 13																					1
TOTAL	22.2	43.9	23.6	8.2	1.5	.1	.3	.1											783		783
																		783		783	

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5653422	65774	84.0	12.806	783							
Dry Bulb	1315752	31732	40.5	6.171	783		12.2					90
Wet Bulb	1185594	30136	38.5	5.735	783		17.8					90
Dew Point	1036789	28023	35.8	6.581	783		27.8					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31				
66/ 65							.1											1	1		
64/ 63					.3	.1	.1	.1										5	5		
62/ 61					.5	.3												6	6		
60/ 59				1.0	.3	.3	.5											16	16		
58/ 57				.4	1.3	.4	.3											18	18		
56/ 55			.3	1.0	1.5	1.0	.6											35	35	4	
54/ 53		.1	.9	2.0	1.7	.5	.1											42	42	16	
52/ 51	.1	.3	2.3	2.3	1.4	.1												51	51	16	2
50/ 49	.1	1.7	3.3	2.5	1.0	.1												69	69	35	14
48/ 47	1.8	3.3	2.8	2.5	.4													85	85	84	41
46/ 45	2.0	4.8	3.8	2.3	.4													105	105	121	52
44/ 43	2.9	3.9	3.1	.8	.1	.1												86	86	112	94
42/ 41	1.8	2.0	1.9	.9	.1													53	53	114	96
40/ 39	1.0	2.7	2.3	.8	.1													54	54	54	82
38/ 37	.8	1.3	1.1	.8														31	31	56	66
36/ 35	1.0	1.9	2.2	.3														42	42	36	94
34/ 33	.8	3.6	.8	.1														41	41	42	64
32/ 31	1.1	1.9	1.4															35	35	58	52
30/ 29	.4	.5	.4															10	11	25	49
28/ 27																				9	31
26/ 25																				3	18
24/ 23																					11
22/ 21																					11
20/ 19																					6
18/ 17																					2
TOTAL	13.9	28.0	26.5	17.7	9.0	2.9	1.8	.1										785	786	785	785

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4807855	60179	76.7	15.749	785							
Dry Bulb	1627492	35286	44.9	7.435	786		5.3					90
Wet Bulb	1378920	32552	41.5	6.089	785		10.9					90
Dew Point	1135215	29393	37.4	6.647	785		20.6					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | SEP MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71									.1									1	1		
70/ 69					.1		.1	.6										7	7		
68/ 67						.1	.5	.4	.3									10	10		
66/ 65					.4	.4	.5	.3	.1									13	13		
64/ 63				.1		1.3	.6	.8	.1									23	23		
62/ 61				.1	.4	.9	1.5	.6										28	28	1	
60/ 59			.1	.4	.8	2.0	1.2	.4	.1									39	39		
58/ 57		.1	.3	.6	2.2	2.2	.4	.1										46	46	8	1
56/ 55			.3	2.7	3.2	.9	.3											57	57	18	1
54/ 53			1.2	2.4	1.7	.3												43	43	26	2
52/ 51		.3	3.5	1.9	2.6	.1	.3											67	67	40	4
50/ 49	.6	1.3	2.7	3.7	1.3	.3	.1											78	78	96	13
48/ 47	.6	2.4	1.3	2.8	1.2	.4												68	68	119	34
46/ 45	1.3	4.2	2.2	.9	.8													73	73	92	77
44/ 43	1.4	1.5	1.4	.8	.8	.1												47	47	98	93
42/ 41	1.0	1.3	2.0	1.3	.4													47	47	68	107
40/ 39	.4	.9	1.9	.9	.1													33	33	44	78
38/ 37	.8	1.3	1.5	.8														34	34	43	88
36/ 35	1.0	.5	2.0	.6														33	33	43	65
34/ 33	.3	1.2	.6	.3														18	18	35	50
32/ 31	.5	.5	.9	.1														16	16	32	47
30/ 29		.1																1	1	12	35
28/ 27																				7	33
26/ 25																					22
24/ 23																					11
22/ 21																					9
20/ 19																					8
18/ 17																					4
TOTAL	7.9	15.6	21.9	20.5	15.7	9.0	5.5	3.2	.8									782	782	782	782

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.	3830423	52993	67.8	17.504	782							
Dry Bulb	1945407	38405	49.1	8.713	782		2.0	2.1				90
Wet Bulb	1533730	34260	43.8	6.478	782		5.9					90
Dew Point	1164972	29696	38.0	6.909	782		19.5					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-74,76-81 YEARS | SEP MONTH

 1500-1700 HOURS (LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
72/ 71								.3										2	2		
70/ 69						.2	.3	1.1	.3									12	12		
68/ 67							.9	.6	.6	.2								15	15		
66/ 65				.2			.3	1.1	.9									16	16		
64/ 63				.3	.5	.3	1.2	.6	.2									20	20		
62/ 61					.3	1.5	.6	.9	.2									23	23		
60/ 59				.5	1.1	1.5	1.4	.6										33	33	2	
58/ 57		.3	.3	.5	2.6	2.6	1.1											48	48	10	
56/ 55			.5	2.9	2.9	1.1												48	48	18	2
54/ 53		.2	1.2	2.0	1.5	.5		.2										36	36	25	3
52/ 51			2.0	2.4	2.9		.2	.2										50	50	50	3
50/ 49	.2	2.0	3.2	3.0	.9		.5											64	64	62	11
48/ 47	.3	1.7	2.6	1.7	1.4	.5												53	53	106	17
46/ 45	.8	2.1	2.1	1.2	.6	.2												46	46	78	75
44/ 43	.9	2.6	1.1	1.1	.6													41	41	67	63
42/ 41	.6	.9	1.4	1.4	.2													29	29	55	79
40/ 39	.3	1.4	1.7	1.1														29	29	34	71
38/ 37	.8	2.4	2.1	.9														41	41	38	79
36/ 35	.5	1.4	1.1	.9														25	25	46	64
34/ 33	.5	.9	.5	.3														14	14	29	50
32/ 31	.9	.6	.5	.2														14	14	23	52
30/ 29																				10	24
28/ 27																				6	25
26/ 25																					15
24/ 23																					5
22/ 21																					9
20/ 19																					8
18/ 17																					3
16/ 15																					1
TOTAL	5.6	16.4	20.0	20.3	15.3	8.2	6.4	5.5	2.1	.2									659		659
																		659		659	

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.	3046864	43252	65.6	17.784	659							
Dry Bulb	1697837	32889	49.9	9.261	659		1.9	4.0				90
Wet Bulb	1310589	29061	44.1	6.643	659		5.3					90
Dew Point	971294	24898	37.8	6.821	659		19.4					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-74,76-81 (YEARS) SEP (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
70/ 69							.6		.2									4	4		
68/ 67						.2		.6										4	4		
66/ 65							.2	.2	.2									3	3		
64/ 63						.7	.6											7	7		
62/ 61				.2	.4	.9	.7	.2										13	13		
60/ 59				.2	.4	1.1	.2											10	10		
58/ 57			.4	.4	.9	1.3	.6											19	19	4	
56/ 55		.2	.6	2.4	1.7	.4	.2											29	29	3	
54/ 53		.4	1.5	1.1	2.0	.6	.2											31	31	17	1
52/ 51		.2	3.1	2.0	1.1	.6												38	38	21	3
50/ 49		1.1	5.2	3.3	.7	.2												57	57	41	13
48/ 47	.6	2.8	2.8	2.6		.2												48	48	57	11
46/ 45	1.3	1.8	3.0	2.6														47	47	76	42
44/ 43	.9	1.7	2.4	.9	.2													33	33	54	51
42/ 41	1.3	3.3	1.8	1.5	.2													44	44	59	75
40/ 39	1.1	1.7	2.0	.9														31	31	43	52
38/ 37	.7	2.0	2.4	.6	.2													32	32	23	57
36/ 35	.9	2.2	2.6	1.5														39	39	38	45
34/ 33	.6	3.1	.7	.4														26	26	39	40
32/ 31	2.4	1.1	.7	.4														25	25	40	61
30/ 29				.2														1	1	19	30
28/ 27																				5	19
26/ 25																				2	17
24/ 23																					4
22/ 21																					10
20/ 19																					4
18/ 17																					5
16/ 15																					1
TOTAL	9.8	21.6	29.2	21.1	7.8	6.1	3.1	.9	.4										541		541
																	541			541	

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.	2982163	39215	72.5	16.080	541							
Dry Bulb	1184711	24887	46.0	8.592	541		4.3	1.3				90
Wet Bulb	970147	22621	41.8	6.707	541		11.0					90
Dew Point	764125	19983	36.9	6.940	541		25.1					90

FORM 0 26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 75-81 YEARS | SEP MONTH

PAGE 1 | 2100-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 2	TOTAL ≥ 31	TOTAL D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
60/ 59				.2	.6	.2											5	5		
58/ 57				.2	1.8	.2	.2										12	12		
56/ 55			.6	.4	.8												9	9		
54/ 53		1.0	.6	1.4	.2												16	16	1	
52/ 51		.4	1.6	2.4	.6	.2											26	26	15	2
50/ 49		1.4	3.4	2.4	.8												40	40	20	7
48/ 47	.8	2.4	3.4	1.4	.2												41	41	33	12
46/ 45	2.0	5.2	6.4	2.8	.2												83	83	60	33
44/ 43	1.2	2.6	4.6	1.0	.4												49	49	62	42
42/ 41	1.6	2.4	2.0	1.0	.2												36	36	59	54
40/ 39	3.2	1.2	2.4	.4	.4												38	39	70	57
38/ 37	1.2	2.8	2.8	.6													37	37	28	51
36/ 35	1.6	4.2	2.8	.4													45	45	35	48
34/ 33		3.8	1.0														24	24	44	46
32/ 31	2.4	2.8	2.6														39	39	45	46
30/ 29	.2	.4															3	3	24	35
28/ 27																			7	25
26/ 25																				18
24/ 23																				13
22/ 21																				11
20/ 19																				3
TOTAL	14.1	30.4	34.0	14.5	6.2	.6	.2											504		503
																	503		503	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3169608	39332	78.2	13.688	503							
Dry Bulb	953700	21646	42.9	6.913	504		7.5					90
Wet Bulb	822503	20113	40.0	6.032	503		13.6					90
Dew Point	683378	18232	36.2	6.700	503		27.0					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 SEP

STATION STATION NAME YEARS

 ALL

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	TOTAL DB = Wet B.	TOTAL Dry B. ≠ Wet B.	TOTAL Wet B. ≠ Dew Point	TOTAL Dew Point
72/ 71								.0	.0									3	3		
70/ 69						.0	.0	.1	.2	.1								23	23		
68/ 67							.0	.2	.2	.1	.0							29	29		
66/ 65					.0	.1	.1	.1	.2	.1								33	33		
64/ 63					.1	.1	.3	.3	.2	.0								55	55		
62/ 61					.0	.2	.4	.4	.2	.0								70	70	1	
60/ 59				.0	.3	.4	.6	.4	.1	.0								103	103	2	
58/ 57			.1	.1	.3	1.0	.8	.3	.0									143	143	22	1
56/ 55			.0	.2	1.3	1.4	.4	.1										192	192	43	3
54/ 53			.2	.8	1.2	.9	.2	.1	.0									191	191	85	6
52/ 51	.0	.3	1.8	1.6	1.2	.1	.1	.0										278	278	145	14
50/ 49	.1	1.6	2.7	2.3	.8	.1	.1											425	425	280	61
48/ 47	.8	2.6	2.6	1.9	.6	.1												475	475	515	173
46/ 45	2.2	4.5	3.2	2.0	.3	.0												673	673	630	416
44/ 43	2.3	4.2	3.2	1.1	.3	.0												612	612	733	532
42/ 41	2.1	3.0	2.4	.9	.1													477	477	693	707
40/ 39	2.0	2.3	2.0	.6	.1													393	394	557	612
38/ 37	1.2	2.5	1.6	.5	.0													320	320	400	524
36/ 35	1.6	2.6	1.8	.6														362	362	362	543
34/ 33	.6	3.1	1.2	.1														280	280	332	471
32/ 31	1.3	2.7	1.3	.1														300	300	381	470
30/ 29	.4	.9	.2	.0														83	84	239	339
28/ 27	.0	.2	.0															15	15	97	248
26/ 25		.1																5	5	21	178
24/ 23		.1																3	3	2	72
22/ 21		.1																3	3	4	114
20/ 19																				2	40
18/ 17																					14
16/ 15																					7
14/ 13																					1
TOTAL	14.6	30.9	25.0	15.0	7.4	3.3	2.2	1.2	.4	.0									5548		5546
																		5546		5546	

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.	34106447	425169	76.7	16.513	5546							
Dry Bulb	11302289	246225	44.4	8.218	5548		53.2	7.1				720
Wet Bulb	9517270	226944	40.9	6.450	5546		96.8					720
Dew Point	7771964	204212	36.8	6.749	5546		192.5					720

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 0000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
50/ 49		.1	.1	.1														3	3	
48/ 47			.1	.3														3	3	1
46/ 45		.1		.1	.3													4	4	1	1
44/ 43		.1	.4	.6	.1													10	10	3	1
42/ 41		.5	1.1															13	13	3	1
40/ 39	.4	1.7	1.3	.4														29	29	18	5
38/ 37	.6	1.4	1.0	.1														25	25	33	13
36/ 35	.6	2.4	1.9	.5														43	43	25	20
34/ 33	.9	3.7	1.3															46	46	43	31
32/ 31	4.8	6.6	1.7	.1														104	107	90	76
30/ 29	4.1	4.7	.4															72	73	92	63
28/ 27	2.8	2.5	.3															44	44	67	65
26/ 25	1.3	5.3	.5															56	56	39	57
24/ 23	.9	2.8	.8															35	35	54	38
22/ 21	3.6	4.4																63	63	59	55
20/ 19	2.7	6.2	.1															71	71	60	68
18/ 17	2.4	4.1																51	51	67	47
16/ 15	1.7	3.3																39	39	40	52
14/ 13	.5	1.7																17	17	23	54
12/ 11	.5	2.0																20	20	2[illegible]	41
10/ 9	.1	.8																7	7	1[illegible]	20
8/ 7	.1	1.0																[illegible]	9	4	13
6/ 5	.4	.3																[illegible]	5	11	16
4/ 3																				1	14
2/ 1	.1																	1	1	1	10
0/ -1	1.0																	8	8	8	3
-2/ -3	.1																	1	1	1	5
-4/ -5	.3																	2	2	2	8
-6/ -7	.3																	2	2	2	3
-8/ -9	.4																	3	3	3	3
-10/-11	.1																	1	1	1	1
-12/-13																					2
-14/-15																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
TOTAL	30.6	55.8	10.9	2.3	.4													787	791	787	787

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5510713	65275	82.9	11.092	787							
Dry Bulb	595381	20355	25.7	9.519	791	2.0	72.3					93
Wet Bulb	535244	19256	24.5	9.030	787	2.0	78.0					93
Dew Point	425599	16577	21.1	9.861	787	3.1	84.5					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7023.5 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (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
46/ 47					.1													1	1		
46/ 45		.1		.2	.4													6	6		
44/ 43			.1	.2														3	3	1	
42/ 41		.2	.6															7	7	1	
40/ 39	.1	1.1	1.5															22	22	10	2
38/ 37	.9	1.8	1.1	.1														32	32	29	11
36/ 35	.6	1.2	2.2															33	33	27	11
34/ 33	1.1	3.3	1.3															47	47	36	28
32/ 31	3.4	7.6	1.7															104	104	80	66
30/ 29	5.1	4.2	.5															80	80	108	78
28/ 27	2.7	4.4	.1															59	59	77	72
26/ 25	2.0	4.3																51	51	49	58
24/ 23	1.3	3.5	.6															45	45	58	54
22/ 21	2.7	4.0																55	55	53	49
20/ 19	3.9	4.6																70	70	63	76
18/ 17	3.1	3.9																57	57	60	52
16/ 15	2.3	4.2																53	53	52	50
14/ 13	.5	2.0																20	20	30	49
12/ 11	.9	1.8																22	22	23	36
10/ 9	.5	1.2																14	14	21	34
8/ 7	.4	.9																10	10	7	15
6/ 5	.5	.1																5	5	10	18
4/ 3		.1																1	1	2	19
2/ 1	.1																	1	1	1	12
0/ -1	.5																	4	4	4	3
-2/ -3	.4																	3	3	3	4
-4/ -5	.5																	4	4	4	6
-6/ -7	.5																	4	4	4	6
-8/ -9	.2																	2	2	2	2
-10/-11	.5																	4	4	4	2
-12/-13																					3
-14/-15																					3
TOTAL	34.6	54.6	9.8	.6	.5													819	819		819
																		819		819	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5854343	68699	83.9	10.592	819							
Dry Bulb	572340	20180	24.6	9.582	819	2.4	75.9					93
Wet Bulb	521873	19277	23.5	9.127	819	2.4	81.2					93
Dew Point	417757	16631	20.3	9.892	819	3.3	87.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 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/ 45			.2	.4	.4													8	8		
44/ 43		.1	.1	.1														3	3		
42/ 41		.2	.6	.1														8	8	3	
40/ 39	.2	1.1	.9															18	18	10	1
38/ 37	.5	1.7	.6															23	23	26	8
36/ 35	.6	1.9	1.0															29	29	23	18
34/ 33	1.2	4.5	1.7															61	61	42	23
32/ 31	3.5	6.7	1.3															95	95	81	77
30/ 29	4.6	2.9																62	62	103	57
28/ 27	3.7	4.8	.1															70	70	64	80
26/ 25	3.5	3.3																56	56	60	67
24/ 23	2.2	3.2	.1															45	45	58	50
22/ 21	2.4	2.8	.4															46	46	41	51
20/ 19	4.5	5.5																82	82	69	63
18/ 17	2.9	3.4																52	52	64	50
16/ 15	2.8	3.4																51	51	45	56
14/ 13	1.6	2.4																33	33	42	59
12/ 11	.9	1.8																22	22	23	33
10/ 9	.7	1.1																15	15	20	33
8/ 7	.1	1.5																13	13	13	19
6/ 5	.1	.4																4	4	8	16
4/ 3																				1	12
2/ 1	.2	.2																4	4	4	17
0/ -1	.1																	1	1	1	5
-2/ -3	.5																	4	4	4	3
-4/ -5	.9																	7	7	7	5
-6/ -7																					2
-8/ -9	.2																	2	2	2	7
-10/-11	.2																	2	2	2	3
-12/-13	.6																	5	5	5	
-14/-15																					1
-16/-17																					5
TOTAL	39.0	53.0	7.1	.6	.4													821	821		821
																				821	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	6015740	69798	85.0	9.988	821							
Dry Bulb	557448	19832	24.2	9.777	821	2.4	76.0					93
Wet Bulb	513298	19036	23.2	9.365	821	2.4	81.2					93
Dew Point	417805	16567	20.2	10.091	821	3.5	87.3					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | OCT 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
50/ 49			.1		.1	.1												3	3		
48/ 47			.5	.1	.4	.1												9	9		
46/ 45		.4	.5	.4														10	10		
44/ 43		.1	.2	.1	.1													5	5		
42/ 41		.6	1.1	.5														18	18	13	1
40/ 39	.4	1.1	.9	.4														22	22	17	14
38/ 37	.9	1.0	1.1	.4	.1													28	28	26	16
36/ 35	.7	3.8	3.2	.2														65	65	29	16
34/ 33	1.6	5.1	1.6															68	68	67	28
32/ 31	3.4	5.1	1.6	.2														85	86	102	80
30/ 29	2.3	4.1	1.2															63	63	65	69
28/ 27	4.0	2.6	1.0															62	63	81	64
26/ 25	1.3	3.2	.5															41	41	43	80
24/ 23	1.5	3.4	1.1															49	49	47	45
22/ 21	3.4	4.4	.5															68	68	64	39
20/ 19	4.0	6.0	.6															87	87	79	67
18/ 17	1.3	2.8	.1															35	35	62	49
16/ 15	1.3	3.0																36	36	38	44
14/ 13	.4	1.5																15	15	17	73
12/ 11	.4	1.6																16	16	17	42
10/ 9	.1	.5																5	5	13	17
8/ 7		.6																5	5	5	16
6/ 5																				2	19
4/ 3	.4																	3	3	3	10
2/ 1	.4	.1																4	4	4	6
0/ -1	.7																	6	6	6	4
-2/ -3	.6	.1																6	6	6	2
-4/ -5	.1																	1	1	1	3
-6/ -7	.1																	1	1	1	4
-8/ -9	.4																	3	3	3	4
-10/-11	.1																	1	1	1	1
-12/-13																					5
-14/-15																					2

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

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

9477 54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315	TATALINA AFS AK	73-81	OCT
STATION	STATION NAME	YEARS	MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B.-W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31		Dry Bulb	Wet Bulb	Dew Point
TOTAL	29.9	51.1	15.7	2.3	.7	.2												820	822	820	820

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.	5563909	66831	81.5	11.957	820							
Dry Bulb	653916	21784	26.5	9.660	822	2.0	67.2					93
Wet Bulb	581859	20543	25.1	9.059	820	2.0	74.9					93
Dew Point	455047	17517	21.4	9.935	820	2.8	84.5					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.2		.5	.1											7	7		
50/ 49				1.1	.4													12	12		
48/ 47			.4	1.0	.2	.1												14	14		
46/ 45		.2	1.1	.9	.2													20	20	4	
44/ 43		.1	.6	.5	.2													12	12	20	1
42/ 41		.5	.9	1.1														20	20	20	1
40/ 39	.7	1.0	2.4	.7	.2													42	42	28	20
38/ 37	.7	1.7	2.6	1.1														50	50	35	19
36/ 35	.2	3.4	2.7	.6														57	57	45	26
34/ 33	1.8	4.5	1.2	.7														68	69	71	42
32/ 31	3.4	5.2	1.5	.5	.2													89	90	105	84
30/ 29	2.4	4.4	2.1															73	73	69	64
28/ 27	.5	3.7	2.2															52	52	60	71
26/ 25	1.5	4.8	2.8	.1														75	75	63	66
24/ 23	.7	3.2	2.3															51	51	71	49
22/ 21	1.6	4.3	1.1															57	57	62	41
20/ 19	2.7	2.8	.4															48	48	81	73
18/ 17	.9	1.2																17	17	24	42
16/ 15	.1	1.0																9	9	9	79
14/ 13	.5	.9	.4															14	14	11	44
12/ 11	.1	.6	.1															7	7	9	24
10/ 9		.6																5	5	9	17
8/ 7		.2																2	2	4	14
6/ 5	.1	.1																2	2	2	8
4/ 3	.4	.5																7	7	5	3
2/ 1	.4	.2																5	5	6	5
0/ -1	.6																	5	5	7	8
-2/ -3	.1																	1	1	1	8
-4/ -5																					3
-6/ -7																					3
-8/ -9																					3
-10/-11																					1
-14/-15																					1
-16/-17																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC
9477-54321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | OCT MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31			
TOTAL	19.5	45.1	24.6	8.5	1.6	.6	.1											821	823	821
																		821		821

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.	4982817	62891	76.6	14.193	821							
Dry Bulb	789666	24278	29.5	9.455	823	.7	58.8					93
Wet Bulb	674392	22450	27.3	8.590	821	.9	67.7					93
Dew Point	496687	18573	22.6	9.660	821	3.2	80.7					93

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7C2315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.3	.1		.1	.1										5	5		
50/ 49		.1	.1	.7	.1	.4	.1											12	12		
48/ 47		.3	.5	.5	.3	.1												13	13	1	
46/ 45		.4	1.1	1.0	.1													19	19	9	2
44/ 43	.1		1.4	.3	.1													14	14	18	4
42/ 41	.4	.3	1.2	1.0														21	21	12	5
40/ 39	.4	1.1	2.0	.7	.4													34	34	28	16
38/ 37	.7	2.6	1.8	1.5	.1													49	49	30	17
36/ 35	.4	3.0	1.4	.8														41	41	45	15
34/ 33	2.4	4.5	1.5	.7														67	68	66	46
32/ 31	3.9	4.2	1.4	.5	.1													75	75	82	85
30/ 29	1.5	4.3	2.6	.3														64	64	59	45
28/ 27	1.2	4.2	1.5	.1														52	52	59	45
26/ 25	1.2	4.3	1.2	.1														51	51	61	65
24/ 23	.8	4.1	1.1															44	44	54	37
22/ 21	1.9	3.8	1.0															49	49	53	38
20/ 19	2.6	4.1	.1															50	50	59	75
18/ 17	1.6	1.2																21	21	37	47
16/ 15	.4	.7																8	8	12	67
14/ 13	.3	1.1																10	10	8	31
12/ 11	.3	.7																7	7	8	28
10/ 9		.7																5	5	8	17
8/ 7		.7																5	5	4	12
6/ 5	.5	.3																6	6	8	6
4/ 3	.1	.1																2	2	2	5
2/ 1	.4	.3																5	5	5	5
0/ -1	.5	.1																5	5	5	8
-2/ -3	.1																	1	1	2	4
-4/ -5	.1																	1	1	1	4
-8/ -9																					3
-10/-11																					2
-12/-13																					2
TOTAL	22.1	47.1	19.8	8.4	1.5	.5	.3	.1										736	737	736	736

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.	4553341	56975	77.4	13.939	736							
Dry Bulb	703950	21596	29.3	9.631	737	.9	58.2					93
Wet Bulb	605127	20057	27.3	8.925	736	1.0	66.6					93
Dew Point	450041	16703	22.7	9.827	736	2.9	79.7					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.5														3	3		
50/ 49			.2															1	1		
48/ 47		.4	.4	.2														5	5		
46/ 45		.2	1.6			.2												11	11	6	
44/ 43		.4	1.8	1.3	.4													21	21	4	4
42/ 41	.5	.4	1.1	.7	.2													16	16	21	5
40/ 39	.2	1.1	.9	.2	.2													14	14	9	8
38/ 37	.9	2.4	2.6	.4														34	34	30	21
36/ 35	.4	2.4	1.1	1.3														28	29	23	12
34/ 33	1.8	4.8	1.6	.2														46	46	45	21
32/ 31	5.9	8.0	1.8															86	87	66	78
30/ 29	.7	2.7	.5															22	22	57	40
28/ 27	1.3	3.5	1.8															36	36	35	34
26/ 25	1.6	5.1	.5															40	40	36	39
24/ 23	1.1	3.7	.2															27	27	52	21
22/ 21	3.1	5.3	.7															50	50	37	29
20/ 19	2.0	5.5	.5															44	44	39	64
18/ 17	1.8	4.0																32	32	42	39
16/ 15	.7	1.3																11	11	19	46
14/ 13	.2	.4																3	3	8	35
12/ 11	.5	.9																8	8	4	16
10/ 9		.5																3	3	6	10
8/ 7		.5																3	3	3	9
6/ 5																				2	4
4/ 3																					2
2/ 1		.2																1	1	1	5
0/ -1		.2																1	1		1
-2/ -3																				1	1
-4/ -5	.2																	1	1	1	
-6/ -7																					1
-8/ -9																					1
-12/-13																					1
TOTAL	23.0	53.7	17.6	4.8	.7	.2												547	549	547	547

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.	3640349	44135	80.7	12.051	547							
Dry Bulb	497060	15802	28.8	8.778	549	.3	62.5					93
Wet Bulb	438123	14829	27.1	8.133	547	.3	69.5					93
Dew Point	342196	12756	23.3	9.051	547	.9	80.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73,75-81 (YEARS) OCT (MONTH)

 2100-2300 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	Dry Bulb	Wet Bulb	Dew Point
52/ 51					.2													1	1			
50/ 49		.2	.2	.4														4	4			
48/ 47		.2																1	1	1		
46/ 45		.2	.8	.4														7	7	2		2
44/ 43		.4	1.1	.6	.2													12	12	5		1
42/ 41	.4	2.5	.6	.2														19	19	12		3
40/ 39	.9	1.9	1.0	.6	.2													23	23	22		9
38/ 37	.6	1.3	1.1	1.0														21	21	19		23
36/ 35	1.5	3.8	1.0	.4														35	35	26		19
34/ 33	1.9	4.6	1.1															40	40	43		23
32/ 31	6.5	7.5	1.3															80	83	68		67
30/ 29	1.9	5..	1.3															44	44	54		46
28/ 27	1.3	3.1	.4															25	25	43		28
26/ 25	.8	4.8	1.1															35	35	20		41
24/ 23	1.0	2.9																20	20	51		21
22/ 21	3.6	3.8	.2															40	40	38		30
20/ 19	3.4	6.3	.4															53	53	32		62
18/ 17	1.3	2.7	.2															22	22	37		35
16/ 15	1.9	1.7																19	19	23		34
14/ 13	.2	.4																3	3	6		32
12/ 11																				2		14
10/ 9	.4	1.1																8	8	7		8
8/ 7	.4	.4																4	4	3		3
6/ 5	.2	.4																3	3	5		4
4/ 3																						6
2/ 1																						4
0/ -1	.6																	3	3	3		2
-2/ -3																						3
-4/ -5	.2																	1	1	1		1
-6/ -7																						1
-8/ -9																						2
TOTAL	28.9	55.3	11.9	3.4	.6														526			523
																		523			523	

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.	3666378	43398	83.0	11.181	523							
Dry Bulb	462563	14889	28.3	8.849	526	.7	64.2					93
Wet Bulb	415678	14088	26.9	8.327	523	.7	69.9					93
Dew Point	335557	12337	23.6	9.237	523	1.6	79.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PAGE 1 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
52/ 51				.1	.0	.1	.0	.0										16	16		
50/ 49		.1	.1	.3	.1	.1	.0											35	35		
48/ 47		.1	.2	.3	.1	.1												46	46	3	
46/ 45		.2	.6	.4	.2	.0												85	85	23	5
44/ 43	.0	.1	.6	.4	.1													80	80	58	11
42/ 41	.1	.6	.9	.4	.0													122	122	85	16
40/ 39	.4	1.2	1.4	.4	.1													204	204	142	74
38/ 37	.7	1.7	1.4	.5	.0													262	262	228	128
36/ 35	.6	2.7	1.9	.4														331	332	243	137
34/ 33	1.6	4.3	1.4	.2														443	445	413	242
32/ 31	4.2	6.3	1.5	.2	.1													718	727	674	613
30/ 29	3.0	4.1	1.1	.0														480	481	607	462
28/ 27	2.3	3.6	.9	.0														400	401	486	459
26/ 25	1.7	4.3	.8	.0														405	405	371	473
24/ 23	1.2	3.3	.8															316	316	445	315
22/ 21	2.7	4.1	.5															428	428	407	332
20/ 19	3.3	5.1	.3															505	505	482	548
18/ 17	2.0	2.9	.0															287	287	393	361
16/ 15	1.4	2.4																226	226	238	428
14/ 13	.5	1.4	.1															115	115	145	377
12/ 11	.5	1.3	.0															102	102	111	234
10/ 9	.2	.8																62	62	94	156
8/ 7	.1	.7																51	51	43	101
6/ 5	.2	.2																25	25	48	91
4/ 3	.1	.1																13	13	14	71
2/ 1	.2	.1																21	21	22	64
0/ -1	.5	.0																33	33	34	34
-2/ -3	.3	.0																16	16	18	30
-4/ -5	.3																	17	17	17	30
-6/ -7	.1																	7	7	7	20
-8/ -9	.2																	10	10	10	25
-10/-11	.1																	8	8	8	10
-12/-13	.1																	5	5	5	13
-14/-15																					8

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-16/-17																					6
TOTAL	29.8	51.8	14.6	3.8	.8	.2	.1	.0										5888	5874		5874
																	5874		5874		

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.	39787590	478002	81.4	12.308	5874							
Dry Bulb	4832324	158716	27.0	9.701	5888	12.1	538.4					744
Wet Bulb	4285594	149536	25.5	9.029	5874	12.5	592.6					744
Dew Point	3340689	127661	21.7	9.819	5874	22.3	666.4					744

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 NOV

STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
44/ 43		.4																3 3	
42/ 41																			3 3
40/ 39	.1			.1														2 2	1
38/ 37		.4	.1															4 4	3 1
36/ 35	.3	.5	.1	.1														8 8	3 3
34/ 33	.8	.9	.1															14 14	12 9
32/ 31	1.4	1.5	.3															25 25	19 19
30/ 29	1.5	1.3	.6															27 27	30 18
28/ 27	.9	1.4	.4															21 21	20 16
26/ 25	1.3	.8																14 15	23 17
24/ 23	1.1	1.6	.1															23 23	22 14
22/ 21	1.9	1.5	.1															28 28	27 22
20/ 19	4.1	2.0																49 49	48 29
18/ 17	1.6	3.1																38 38	26 40
16/ 15	1.4	3.3	.1															38 38	38 31
14/ 13	4.4	2.9																58 58	53 29
12/ 11	3.6	3.4																56 56	54 46
10/ 9	2.9	1.8																37 37	53 58
8/ 7	2.6	2.8																43 43	40 32
6/ 5	2.0	1.8																30 30	35 27
4/ 3	4.3	2.1																51 51	53 45
2/ 1	5.0	1.4																51 51	53 51
0/ -1	3.5																	28 28	30 46
-2/ -3	2.4	.3																21 21	20 31
-4/ -5	2.5	.1																21 21	22 41
-6/ -7	1.5																	12 13	12 16
-8/ -9	2.6																	21 21	21 22
-10/-11	2.0																	16 16	16 21
-12/-13	1.9																	15 15	15 13
-14/-15	2.4																	19 19	19 14
-16/-17	1.1																	9 9	9 21
-18/-19	.5																	4 4	4 11
-20/-21	.1																	1 1	1 17
-22/-23	.6																	5 5	5 7

Element (X)	Σ_{X^2}	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0 26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 2000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.5																	4		4	4	9
-26/-27																						2
-28/-29																						8
-30/-31																						5
TOTAL	62.7	35.1	2.0	.3														796		798	796	796

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5388172	64952	81.6	10.534	796							
Dry Bulb	223266	7998	10.0	13.400	798	20.0	86.5					90
Wet Bulb	209376	7608	9.6	13.111	796	20.1	87.5					90
Dew Point	196014	4342	5.5	14.723	796	32.1	88.2					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B. Dry Bulb		Wet Bulb	Dew Point
44/ 43		.1																1	1		
42/ 41		.2																2	2	2	2
40/ 39	.1	.1																2	2	2	1
38/ 37		.7		.1														7	7	2	2
36/ 35		.2	.1															3	3	5	4
34/ 33	.4	1.4	.1															15	15	7	3
32/ 31	1.9	1.7	.2															31	31	31	22
30/ 29	.9	.9																14	14	20	17
28/ 27	.2	2.3	.6															26	26	8	15
26/ 25	1.1	2.0	.1															26	26	32	7
24/ 23	.7	.6																11	11	25	24
22/ 21	1.6	1.5																25	25	26	21
20/ 19	4.7	2.0																54	54	47	39
18/ 17	3.2	2.1																43	43	39	32
16/ 15	1.9	2.6	.2															38	38	42	47
14/ 13	2.6	2.2																39	39	31	30
12/ 11	4.4	2.8																59	59	62	30
10/ 9	3.6	1.5																41	41	49	50
8/ 7	2.2	3.5																46	46	36	46
6/ 5	1.4	1.9																26	26	35	27
4/ 3	3.6	2.7																51	51	53	32
2/ 1	5.3	1.2																53	53	56	55
0/ -1	4.2	.2																36	36	37	37
-2/ -3	2.7																	22	22	24	39
-4/ -5	2.7	.1																23	23	23	38
-6/ -7	1.5																	12	12	12	27
-8/ -9	2.2																	18	18	18	30
-10/-11	2.3																	19	19	19	14
-12/-13	2.3																	16	16	16	14
-14/-15	3.1																	25	25	25	15
-16/-17	1.4																	11	11	11	16
-18/-19	.2																	2	2	2	24
-20/-21	.5																	4	4	4	15
-22/-23	.5																	4	4	4	11

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-24/-25	.2																	2	2	2	5
-26/-27	.4																	3	3	3	8
-28/-29																					5
-30/-31																					2
-32/-33																					4
TOTAL	63.7	34.7	1.5	.1															810		810
																		810		810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5463007	66001	81.5	10.254	810							
Dry Bulb	223299	7689	9.5	13.631	810	21.9	86.7					90
Wet Bulb	210292	7328	9.0	13.341	810	22.2	88.0					90
Dew Point	198835	3973	4.9	14.889	810	33.8	88.7					90

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		.2																2	2		
40/ 39		.1																1	1	2	2
38/ 37		.2																2	2	1	
36/ 35	.1	.9																8	8	6	4
34/ 33	.4	1.2																13	13	9	6
32/ 31	2.2	1.9																33	33	30	24
30/ 29	.7	1.1	.2															17	17	21	13
28/ 27	.6	1.9	.5															24	24	13	13
26/ 25	1.4	1.9	.1															27	27	35	23
24/ 23	.2	.6																7	7	14	14
22/ 21	2.1	1.5																29	29	31	17
20/ 19	3.7	3.0																54	54	45	45
18/ 17	2.3	1.6																32	32	34	24
16/ 15	2.2	2.8																41	41	37	47
14/ 13	3.6	2.0																45	45	43	30
12/ 11	3.6	1.9																44	44	46	34
10/ 9	3.8	2.0																47	47	50	43
8/ 7	3.1	2.5																45	45	42	40
6/ 5	1.7	2.5																34	34	35	34
4/ 3	4.1	2.2																51	51	51	33
2/ 1	6.2	1.7																64	64	62	50
0/ -1	2.3	.5																23	23	22	45
-2/ -3	3.3																	27	27	31	44
-4/ -5	2.5	.1																21	21	21	28
-6/ -7	1.7																	14	14	14	42
-8/ -9	2.1																	17	17	17	25
-10/-11	2.9																	16	16	16	13
-12/-13	2.2																	18	18	18	12
-14/-15	3.1																	25	25	25	10
-16/-17	1.4																	11	11	11	18
-18/-19	.7																	6	6	6	28
-20/-21	.6																	5	5	5	13
-22/-23	.6																	5	5	5	12
-24/-25	.2																	2	2	2	6

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

USAFETAC FORM 0-26-3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27																					13
-28/-29																					3
-30/-31																					2
TOTAL	64.9	34.2	.9															810		810	
																	810		810		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5508640	66314	81.9	9.917	810							
Dry Bulb	218500	7506	9.3	13.569	810	21.1	87.1					90
Wet Bulb	206886	7174	8.9	13.311	810	21.4	88.0					90
Dew Point	196298	3898	4.8	14.814	810	34.9	88.7					90

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.4																3	3	2	
38/ 37		.5																4	4	2	2
36/ 35		1.1	.2	.1														12	12	7	2
34/ 33	.7	.6	.1															12	12	12	10
32/ 31	2.2	2.1	.1															36	36	29	28
30/ 29	.4	2.1	.5															24	24	26	12
28/ 27	.5	2.1	.1															22	22	15	15
26/ 25	.5	2.1																21	21	30	16
24/ 23	1.1	.7																15	15	24	16
22/ 21	3.0	2.5																44	44	41	31
20/ 19	3.0	2.6																45	45	37	35
18/ 17	1.7	2.0																30	30	36	43
16/ 15	2.2	4.3																53	53	33	29
14/ 13	3.0	2.3																43	43	55	33
12/ 11	3.6	2.6																50	50	47	52
10/ 9	3.5	2.0																44	44	52	38
8/ 7	1.9	3.7																45	45	38	45
6/ 5	3.1	1.7																39	39	49	37
4/ 3	3.5	1.7																42	42	47	32
2/ 1	4.0	1.5																44	44	39	52
0/ -1	2.7	.2																24	24	29	45
-2/ -3	3.1	.1																26	26	27	35
-4/ -5	3.1	.2																27	27	26	21
-6/ -7	2.5																	20	20	22	26
-8/ -9	2.0																	16	16	16	27
-10/-11	2.1																	17	17	17	22
-12/-13	2.1																	17	17	17	15
-14/-15	2.0																	16	16	16	12
-16/-17	.7																	6	6	6	18
-18/-19	.5																	4	4	4	21
-20/-21	.5																	4	4	4	8
-22/-23	.4																	3	3	3	8
-24/-25	.2																	2	2	2	7
-26/-27																					10

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29																					1
-30/-31																					2
-32/-33																					4
TOTAL	59.5	39.3	1.1	.1													810	810	810	810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5444130	65860	81.3	10.497	810							
Dry Bulb	233961	8489	10.5	3.388	810	20.2	86.6					90
Wet Bulb	218802	8084	10.0	3.066	810	21.0	87.4					90
Dew Point	202606	4714	5.8	4.715	810	31.3	88.9					90

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
42/ 41		.2																2	2		
40/ 39	.1	.2																3	3	4	3
38/ 37		.6	.2															7	7	3	1
36/ 35	.1	.9	.7	.1														15	15	4	3
34/ 33	1.0	1.6		.2														23	23	19	10
32/ 31	1.9	1.7	.6															34	34	34	27
30/ 29	.5	2.0	.6															25	25	27	16
28/ 27	.5	1.9																19	19	23	23
26/ 25	.6	2.8																28	28	23	12
24/ 23	.9	3.1																32	32	41	16
22/ 21	3.1	1.7																39	39	44	31
20/ 19	3.2	3.7																56	56	42	59
18/ 17	1.4	3.1	.1															37	37	35	36
16/ 15	2.1	4.0	.1															50	50	52	37
14/ 13	3.1	3.0	.5															53	53	47	36
12/ 11	3.1	3.2																51	51	56	48
10/ 9	1.4	6.3	.1															63	63	51	41
8/ 7	1.7	3.1																39	39	53	40
6/ 5	1.2	2.0																26	26	38	26
4/ 3	2.2	1.3																26	26	28	52
2/ 1	2.3	2.6																40	40	35	60
0/ -1	2.0	.2																18	18	25	33
-2/ -3	2.7	.6																27	27	28	16
-4/ -5	3.7	.4																33	33	33	30
-6/ -7	2.8																	23	23	24	21
-8/ -9	1.9																	15	15	15	28
-10/-11	1.1																	9	9	9	24
-12/-13	.4																	3	3	3	19
-14/-15	.4																	3	3	3	19
-16/-17	.6																	5	5	5	7
-18/-19	.6																	5	5	5	8
-20/-21	.1																	1	1	1	12
-22/-23																					4
-24/-25																					7

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-26/-27																			4
-32/-33																			1
TOTAL	46.7	49.9	3.1	.4														913	810
																	810	810	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	5185365	64109	79.1	11.731	810							
Dry Bulb	265031	10517	13.0	12.602	810	15.8	84.4					90
Wet Bulb	242871	9923	12.3	12.245	810	16.8	86.7					90
Dew Point	206181	6157	7.6	14.036	810	25.9	88.1					90

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 NOV
STATION STATION NAME YEARS MONTH

 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/ 43	.1																	1	1	1	1
42/ 41	.2	.1																3	3	2	2
40/ 39	.1	.2	.2	.1														6	6	2	1
38/ 37		.4	.6															8	8	4	2
36/ 35		.5	.1	.1														6	6	7	1
34/ 33	.6	2.1		.2														24	24	19	11
32/ 31	1.4	2.4	.5															34	35	24	23
30/ 29	.9	1.5	.5															23	23	29	18
28/ 27	.1	1.0	.1															10	10	17	25
26/ 25	.5	2.9	.2															29	29	17	9
24/ 23	.6	1.7																19	19	38	8
22/ 21	4.5	1.5																48	48	48	32
20/ 19	3.0	3.2	.2															52	52	38	58
18/ 17	1.6	1.7																27	27	34	34
16/ 15	3.5	3.2	.2															56	56	48	38
14/ 13	2.1	4.5																53	53	41	36
12/ 11	4.5	2.0	.1															53	53	70	36
10/ 9	2.1	3.6																46	46	38	46
8/ 7	3.6	2.6																50	50	53	50
6/ 5	1.6	2.6																34	34	48	23
4/ 3	3.0	1.2																34	34	30	55
2/ 1	1.7	1.7																28	28	30	49
0/ -1	2.0	.1																17	17	22	36
-2/ -3	3.6	.5																33	33	32	19
-4/ -5	2.6	.1																22	22	23	23
-6/ -7	3.2	.1																27	27	27	27
-8/ -9	2.6																	21	21	22	31
-10/-11	1.5																	12	12	12	22
-12/-13	.9																	7	7	7	21
-14/-15	1.1																	9	9	9	12
-16/-17	.2																	2	2	2	11
-18/-19	.7																	6	6	6	15
-20/-21	.5																	4	4	4	7
-22/-23	.1																	1	1	1	5

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Num.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-81 YEARS | NOV MONTH

PAGE 2 | 1500-1700 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
-24/-25																						10
-26/-27																						4
-28/-29																						2
-32/-33																						2
TOTAL	54.9	41.6	3.3	.5															806			805
																		805		805		

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.	5330346	64828	80.5	11.678	805							
Dry Bulb	253049	9685	12.0	13.125	806	18.0	84.6					90
Wet Bulb	234763	9155	11.4	12.747	805	18.7	86.1					90
Dew Point	205730	5650	7.0	14.372	805	27.6	88.0					90

USAFETAC FORM 0 26 3 OL A JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 NOV
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
44/ 43	.5	.3																5	5	3	3
42/ 41		.2																1	1	2	
40/ 39			.3															2	2	1	3
38/ 37	.2	.9	.2															7	7	1	1
36/ 35	.2	.5																4	4	8	
34/ 33	1.5	1.7	.3	.2														22	22	17	9
32/ 31	1.4	1.9	.5															22	22	17	21
30/ 29	1.2	.3	.3															11	11	18	14
28/ 27	.7	.3																6	6	11	16
26/ 25	1.0	3.6																27	27	13	5
24/ 23	1.9	.9																16	16	30	5
22/ 21	4.6	.9																32	32	33	32
20/ 19	3.6	3.6	.3															44	44	30	43
18/ 17	1.2	3.1																25	25	22	20
16/ 15	3.6	3.8																43	43	53	21
14/ 13	3.6	1.7																31	31	29	37
12/ 11	4.3	1.4	.2															34	34	36	34
10/ 9	2.9	3.1																35	35	27	28
8/ 7	2.7	2.9																33	33	39	32
6/ 5	2.2	1.9																24	24	32	18
4/ 3	3.6	3.4																41	42	40	33
2/ 1	3.1	1.9																29	29	28	35
0/ -1	1.5	.2																10	10	13	34
-2/ -3	1.9	1.0																17	17	16	23
-4/ -5	1.9																	11	11	13	14
-6/ -7	1.5																	9	9	9	19
-8/ -9	2.1																	12	12	12	19
-10/-11	1.4																	8	8	8	11
-12/-13	1.0																	6	6	6	9
-14/-15	1.9																	11	11	11	7
-16/-17	.2																	1	1	1	4
-18/-19	.7																	4	4	4	11
-20/-21	.2																	1	1	1	5
-22/-23	.2																	1	1	1	8

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL-A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV

 1800-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb Dew Point
-24/-25																			7
-26/-27																			4
-28/-29																			2
TOTAL	58.	339.	3	2.2	.2													586	585
																		585	585

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.	3952770	47616	81.4	11.488	585							
Dry Bulb	190377	7395	12.6	12.881	586	14.0	83.7					90
Wet Bulb	178474	7068	12.1	12.625	585	14.6	85.1					90
Dew Point	157307	4625	7.9	14.379	585	26.9	87.5					90

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 75-81 NOV

STATION STATION NAME YEARS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Wet B.	TOTAL Dew P.
46/ 45		.2																1	1		
44/ 43	.2	.6																4	4	4	3
42/ 41		.2																1	1	2	2
40/ 39				.2														1	1		1
38/ 37		1.0	.4															7	7		
36/ 35	.2	.2																2	2	6	
34/ 33	1.2	.8	.6															13	13	6	7
32/ 31	2.3	2.1	1.0															28	29	19	23
30/ 29	1.9	.6	.6															16	16	24	13
28/ 27	.6	.2																4	4	9	13
26/ 25	2.3	2.3																24	24	17	15
24/ 23	1.2	1.0	.2															12	12	16	11
22/ 21	3.5	1.7																27	27	25	18
20/ 19	4.8	4.1																46	46	39	35
18/ 17	1.5	3.3																25	25	25	25
16/ 15	3.5	6.4	.2															52	52	47	44
14/ 13	3.7	2.1																30	30	36	28
12/ 11	4.8	1.5																33	33	36	43
10/ 9	2.5	1.7																22	22	21	29
8/ 7	2.1	2.7																25	25	22	36
6/ 5	1.5	2.1																19	19	25	13
4/ 3	4.4	2.9																38	38	45	20
2/ 1	3.1	1.2																22	22	23	37
0/ -1	2.9																	15	15	16	22
-2/ -3	1.5	.6																11	11	11	15
-4/ -5	1.9																	10	10	10	15
-6/ -7	1.2																	6	6	6	13
-8/ -9	.8																	4	4	4	11
-10/-11	1.0																	5	5	5	10
-12/-13	.8																	4	4	4	3
-14/-15	1.7																	9	9	9	6
-16/-17	.2																	1	1	1	3
-18/-19																					6
-20/-21																					2

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 75-81 YEARS | NOV MONTH

 2100-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23																						1
-24/-25																						1
-26/-27																						1
TOTAL	57.	439.	5	2.9	.2															518		517
																			517		517	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean no. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	3577150	42650	82.5	10.669	517							
Dry Bulb	176191	7241	14.0	12.042	518	11.3	85.0					90
Wet Bulb	163959	6919	13.4	11.760	517	11.5	86.0					90
Dew Point	140089	4919	9.5	13.446	517	22.1	87.7					90

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
46/ 45		.0																1	1		
44/ 43	.1	.2																14	14	8	7
42/ 41	.0	.2																11	11	11	9
40/ 39	.1	.2	.1	.1														20	20	14	11
38/ 37	.0	.6	.2	.0														46	46	16	9
36/ 35	.1	.6	.2	.1														58	58	49	17
34/ 33	.8	1.3	.1	.1														136	136	103	65
32/ 31	1.8	1.9	.4															243	245	203	167
30/ 29	.9	1.3	.4															157	157	195	121
28/ 27	.5	1.5	.2															132	132	116	135
26/ 25	1.0	2.2	.1															196	197	190	134
24/ 23	.9	1.3	.0															135	135	212	108
22/ 21	2.9	1.6	.0															272	272	275	201
20/ 19	3.7	2.9	.1															400	400	326	343
18/ 17	1.9	2.4	.0															257	257	253	254
16/ 15	2.5	3.7	.1															371	371	350	274
14/ 13	3.2	2.6	.1															352	352	335	259
12/ 11	3.9	2.4	.0															380	380	409	323
10/ 9	2.8	2.8	.0															335	335	341	333
8/ 7	2.5	3.0																326	326	323	321
6/ 5	1.9	2.1																232	232	297	205
4/ 3	3.5	2.1																334	335	352	302
2/ 1	3.9	1.7																331	331	326	389
0/ -1	2.7	.2																171	171	194	298
-2/ -3	2.7	.4																184	184	189	232
-4/ -5	2.7	.2																168	168	171	210
-6/ -7	2.1	.0																123	124	126	191
-8/ -9	2.1																	124	124	125	193
-10/-11	1.7																	102	102	102	137
-12/-13	1.4																	86	86	86	106
-14/-15	2.0																	117	117	117	95
-16/-17	.8																	46	46	46	98
-18/-19	.5																	31	31	31	124
-20/-21	.3																	20	20	20	79

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) NOV (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-22/-23	.3																	19	19	19	62
-24/-25	.2																	10	10	10	54
-26/-27	.1																	3	3	3	44
-28/-29																					21
-30/-31																					11
-32/-33																					11
TOTAL	58.6	39.2	2.0	.2															5948		5943
																		5943		5943	

Element (X)	Σ_X^2	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours x.th Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	39849580	482330	81.2	10.885	5943							
Dry Bulb	1785674	66520	11.2	13.235	5948	145.9	685.4					720
Wet Bulb	1665423	63259	10.6	12.921	5943	150.1	695.6					720
Dew Point	1503060	38278	6.4	14.542	5943	238.2	705.7					720

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 0000-0200 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	Dew Point
38/ 37		.1		.5														5	5	
36/ 35		.1	.1															2	2	1
34/ 33	.1	.1																2	2	6 1
32/ 31	.9	.4	.1															11	11	10 9
30/ 29	.8	.8	.1															13	13	9 4
28/ 27	.3	.4																5	5	8 9
26/ 25	.5	1.3																14	14	11 4
24/ 23	.3	.5																6	6	11 5
22/ 21	.8	.5																10	10	10 19
20/ 19	1.5	1.5																24	24	21 16
18/ 17	1.3	1.0																18	18	20 12
16/ 15	1.3	2.6																31	31	24 16
14/ 13	2.5	2.0																36	36	37 19
12/ 11	2.1	1.4																28	28	30 29
10/ 9	1.3	1.4																21	21	25 33
8/ 7	1.4	1.3																21	21	16 22
6/ 5	1.5	2.1																29	29	35 14
4/ 3	4.2	.9																40	40	39 23
2/ 1	5.3	1.0																50	50	53 41
0/ -1	4.7																	37	37	37 40
-2/ -3	4.4	.5																39	39	37 38
-4/ -5	5.3	.1																43	43	44 44
-6/ -7	6.2																	49	49	50 31
-8/ -9	4.9																	39	39	39 32
-10/-11	4.2																	33	33	33 29
-12/-13	2.4																	19	20	19 30
-14/-15	3.0																	24	25	24 31
-16/-17	2.3																	18	18	18 35
-18/-19	4.3																	34	34	34 32
-20/-21	2.9																	23	26	23 27
-22/-23	3.5																	28	28	28 18
-24/-25	1.4																	11	11	11 19
-26/-27	1.0																	8	8	8 29
-28/-29	1.4																	11	11	11 23

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	1.1																	9	10	9	7
-32/-33	.5																	4	4	4	14
-34/-35																			1		19
-36/-37																			3		13
-38/-39																					8
TOTAL	79.1	20.0	.4	.5															805		795
																		795		795	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4854564	61610	77.5	10.037	795							
Dry Bulb	192219	-689	-.9	15.438	805	50.7	92.0					93
Wet Bulb	177302	-636	-.8	14.922	795	50.2	92.2					93
Dew Point	244282	-4688	-5.9	16.518	795	60.7	92.9					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 0300-0500 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37				.1															1		1		
36/ 35			.5	.1															5		5		
34/ 33		.4																	3		3	6	
32/ 31	.5	1.1	.2																15		15	6	7
30/ 29	.9	.6	.1																13		13	19	6
28/ 27	.4	.4																	6		6	11	10
26/ 25	.9	.2																	9		9	8	10
24/ 23	.2	.1																	3		3	5	14
22/ 21	.9	.1																	8		8	7	7
20/ 19	3.2	1.2																	36		36	28	11
18/ 17	.9	1.9																	22		22	19	23
16/ 15	1.0	2.0																	2'		24	27	9
14/ 13	1.7	1.4																	25		25	27	16
12/ 11	2.2	.1																	19		19	25	31
10/ 9	1.5	1.6																	25		25	17	31
8/ 7	2.0	2.1																	33		33	32	15
6/ 5	2.5	1.5																	28		28	34	12
4/ 3	4.0	.6																	37		37	39	29
2/ 1	6.3	.6																	56		56	58	41
0/ -1	4.1	.1																	34		34	33	37
-2/ -3	5.9	.4																	51		51	49	43
-4/ -5	3.7																		30		30	33	43
-6/ -7	5.4	.1																	45		45	45	37
-8/ -9	5.3																		43		43	43	31
-10/-11	5.1																		41		41	41	40
-12/-13	2.1																		17		17	17	13
-14/-15	2.6																		21		21	21	30
-16/-17	2.7																		22		22	22	39
-18/-19	4.4																		36		36	36	39
-20/-21	2.6																		21		21	21	29
-22/-23	2.6																		21		21	21	21
-24/-25	3.2																		26		26	26	23
-26/-27	.9																		7		7	7	13
-28/-29	1.4																		11		11	11	20

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 0300-0500 (HOURS - LST)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	1.4																	11	11	11	19
-32/-33	.2																	2	2	2	13
-34/-35	.2																	2	3	2	28
-36/-37																			3		9
-38/-39																			1		8
-40/-41																					2
TOTAL	82.3	16.6	.9	.2														809	814	809	809

Element (X)	$\Sigma x'$	Σx	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4973699	62917	77.8	9.985	809							
Dry Bulb	198098	-968	-1.2	15.564	814	51.0	92.0					93
Wet Bulb	184966	-966	-1.2	15.083	809	50.7	92.3					93
Dew Point	256599	-5051	-6.2	16.690	809	61.7	93.0					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.1	.1														2	2		
34/ 33	.1	.6	.2															8	8	4	1
32/ 31	.5	1.0	.4															15	15	8	9
30/ 29	1.2	.1																11	11	21	11
28/ 27	.5	.6																9	9	10	6
26/ 25	.4	.4																6	6	5	9
24/ 23	.1	.1																2	2	5	9
22/ 21	1.6	.5																17	17	16	5
20/ 19	1.7	1.9																29	29	21	17
18/ 17	.4	1.0																11	11	14	14
16/ 15	1.6	2.3																32	32	27	13
14/ 13	1.9	1.6																28	28	30	24
12/ 11	1.7	.9																21	21	24	21
10/ 9	2.0	1.5																28	28	27	26
8/ 7	1.2	2.7																32	32	27	23
6/ 5	2.2	1.5																30	30	40	17
4/ 3	3.7	.6																35	35	34	21
2/ 1	4.7	.7																44	44	45	60
0/ -1	5.6	.2																47	47	47	31
-2/ -3	5.3	.1																44	44	46	38
-4/ -5	3.5																	28	28	28	40
-6/ -7	5.2																	42	42	42	34
-8/ -9	5.2																	42	42	42	25
-10/-11	6.5																	53	53	53	43
-12/-13	2.0																	16	16	16	16
-14/-15	1.6																	13	13	13	36
-16/-17	2.1																	17	17	17	28
-18/-19	5.2																	42	42	42	50
-20/-21	2.1																	17	17	17	17
-22/-23	3.1																	25	25	25	20
-24/-25	2.7																	22	22	22	20
-26/-27	1.6																	13	13	13	20
-28/-29	1.9																	15	15	15	27
-30/-31	.7																	6	6	6	9

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 2 0600-0800 (HRS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	1.0																	8	8	8	21
-34/-35																			1		29
-36/-37																			1		7
-38/-39																			1		13
TOTAL	80.7	18.4	.7	.1															813		810
																		810		810	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4938775	62751	77.5	9.783	810							
Dry Bulb	200157	-1011	-1.2	15.651	813	51.8	91.9					93
Wet Bulb	189886	-1086	-1.3	15.262	810	51.9	92.5					93
Dew Point	264602	-5216	-6.4	16.898	810	60.2	92.9					93

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PAGE 1 0900-1100 (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.2																2	2		
34/ 33	.2	.5	.1															7	7	5	4
32/ 31	.5	1.3	.2	.1														18	18	7	7
30/ 29	.7	.2	.1															9	9	19	8
28/ 27	.5	.2																6	6	9	7
26/ 25	.9	1.1	.1															17	17	12	12
24/ 23	.1	.2																3	3	9	7
22/ 21	.6	.6																10	10	6	11
20/ 19	2.5	1.2																30	30	31	11
18/ 17	.6	2.0																21	21	17	20
16/ 15	.9	1.7																21	21	20	18
14/ 13	1.5	1.7																26	26	25	23
12/ 11	1.6	.7																19	19	24	15
10/ 9	1.6	2.1																30	30	24	18
8/ 7	1.5	3.6																41	41	30	22
6/ 5	1.6	2.1																30	30	47	21
4/ 3	2.9	.4																27	27	32	22
2/ 1	5.5	.7																51	51	47	53
0/ -1	7.1																	58	58	62	36
-2/ -3	3.1	.1																26	26	26	45
-4/ -5	5.1																	42	42	42	47
-6/ -7	4.7																	38	38	38	27
-8/ -9	5.8																	47	47	47	33
-10/-11	4.5																	37	37	37	29
-12/-13	2.2																	18	18	18	24
-14/-15	2.6																	21	21	21	42
-16/-17	2.2																	18	18	18	40
-18/-19	4.0																	33	33	33	33
-20/-21	2.5																	20	20	20	16
-22/-23	3.2																	26	26	26	15
-24/-25	2.3																	19	19	19	30
-26/-27	1.8																	15	15	15	9
-28/-29	1.7																	14	14	14	39
-30/-31	1.1																	9	9	9	12

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

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 TATALINA AFS AK 73-81 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33	.4																	3	3	3	13
-34/-35	.5																	4	4	4	18
-36/-37																					17
-38/-39																			1		8
-40/-41																					4
TOTAL	78.4	20.8	.6	.1															817		816
																		816		816	

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.	4975420	63252	77.5	9.429	816							
Dry Bulb	200618	-894	-1.0	15.649	817	51.1	92.0					93
Wet Bulb	192545	-971	-1.2	15.324	816	51.5	92.4					93
Dew Point	264053	-5105	-6.3	16.876	816	61.2	92.5					93

USAFETAC FORM JUN 71 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37				.2														2	2	2		
36/ 35	.2																	2	2	2	2	1
34/ 33	.2	.6																7	7	7	3	2
32/ 31	.7	1.0	.2															16	16	16	13	9
30/ 29	.4	.4	.2															8	8	8	10	6
28/ 27		.7																6	6	6	8	5
26/ 25	.7	.9																13	13	13	13	8
24/ 23	.2	.7																8	8	8	10	10
22/ 21	.4	.5																7	7	7	10	8
20/ 19	3.3	1.7																41	41	41	30	15
18/ 17	.9	1.5																19	19	19	20	23
16/ 15	.5	2.2																22	22	22	20	20
14/ 13	1.7	1.5																26	26	26	31	16
12/ 11	1.7	1.7																28	28	28	24	21
10/ 9	1.3	2.3																30	30	30	32	29
8/ 7	1.6	3.1																38	38	38	30	19
6/ 5	1.7	1.5																26	26	26	39	26
4/ 3	3.1	1.3																36	36	36	35	22
2/ 1	6.1	2.0																66	66	66	65	48
0/ -1	4.7	.4																41	41	41	44	36
-2/ -3	4.0	.1																34	34	34	37	53
-4/ -5	5.2																	42	42	42	42	40
-6/ -7	4.9	.2																42	42	42	41	31
-8/ -9	5.9																	48	48	48	49	25
-10/-11	4.8																	39	39	39	39	42
-12/-13	1.6																	13	13	13	13	31
-14/-15	1.7																	14	14	14	14	34
-16/-17	2.3																	19	19	19	19	38
-18/-19	3.7																	30	30	30	30	38
-20/-21	3.3																	27	27	27	27	16
-22/-23	2.3																	19	19	19	19	14
-24/-25	2.1																	17	17	17	17	31
-26/-27	1.1																	9	9	9	9	16
-28/-29	1.2																	10	10	10	10	27

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

USAFETAC FORM 0-26 3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 1200-1400 (HRS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	.9																	7	7	7	8
-32/-33	.4																	3	3	3	15
-34/-35																					16
-36/-37																					12
-38/-39																			1		2
-48/-49																					2
TOTAL	75.0	24.3	.5	.2														815	816	815	815

Element (X)	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	4892614	62656	76.9	9.644	815							
Dry Bulb	186098	92	.1	15.111	816	47.3	91.7					93
Wet Bulb	177495	-135	-.1	14.766	815	47.9	92.4					93
Dew Point	239479	-4395	-5.4	16.281	815	60.1	92.7					93

USAFETAC FORM 0-26-3-OL-A (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL DB, WB	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
43/ 39				.4														3	3		
39/ 35	.4																	3	3	3	3
34/ 33		.4	.1															4	4	3	
32/ 31	.3	1.0																10	10	6	4
30/ 29	.9	.5																11	11	15	11
28/ 27		.3																2	2	4	5
26/ 25	.6	.6																10	10	6	3
24/ 23		.1																1	1	5	8
22/ 21	1.7	.9																20	20	16	9
20/ 19	1.5	1.0																20	20	18	15
18/ 17	1.5	1.8																26	26	26	7
16/ 15	1.3	1.7																21	21	21	27
14/ 13	1.2	1.5																21	21	19	15
12/ 11	2.1	1.5																28	28	28	15
10/ 9	1.7	2.7																34	34	26	22
8/ 7	1.8	.9																21	21	32	26
6/ 5	2.1	1.0																24	24	24	27
4/ 3	3.2	1.7																38	38	35	27
2/ 1	5.8	.8																51	51	55	25
0/ -1	5.8	.3																47	47	47	35
-2/ -3	4.5	.4																38	38	39	48
-4/ -5	4.8	.1																38	38	36	41
-6/ -7	4.9																	38	38	39	37
-8/ -9	4.5																	35	35	35	17
-10/-11	6.4																	50	50	50	43
-12/-13	3.0																	23	23	23	28
-14/-15	3.0																	23	23	23	28
-16/-17	1.7																	13	13	13	49
-18/-19	2.7																	21	21	21	36
-20/-21	3.3																	26	26	26	21
-22/-23	1.8																	14	14	14	8
-24/-25	2.6																	20	20	20	30
-26/-27	2.4																	19	19	19	20
-28/-29	.9																	7	7	7	14

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702345 TATALINA AFS AK 73-81 DEC
STATION STATION NAME YEARS MONTH

 1500-1700
HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet Bulb	TOTAL Dew Point
-[illegible]/-34	1.4																	11		11	11	8
-32/-33	.4																	3		3	3	1
-34/-35	.4																	3		3	3	1
-36/-37																						3
-38/-39																						9
-40/-41																				1		3
-42/-43																						1
TOTAL	60.2	19.3	.1	.4														777		778	777	777

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F	Total
Rel. Hum.	4683240	59858	77.0	9.628	777							
Dry Bulb	182145	-897	-1.2	15.267	778	51.4	91.8					93
Wet Bulb	174524	-1038	-1.3	14.937	777	51.6	92.3					93
Dew Point	243363	-5099	-6.6	16.447	777	63.1	92.6					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-75,77-81 (YEARS) DEC

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.6														3	3	
38/ 37	.2																	1	1	1
36/ 35	.4																	2	2	4	3
34/ 33	.4																	2	2	3	2
32/ 31	.6	1.7																12	12	3	3
30/ 29	.6	.8																7	7	12	6
28/ 27	.8	.2																5	5	8	5
26/ 25		1.0																5	5	2	8
24/ 23	.6	.2																4	4	8	4
22/ 21	2.5	1.2																19	19	17	11
20/ 19	1.4	1.2																13	13	10	14
18/ 17	2.5	1.4																20	20	20	8
16/ 15	1.7	1.6																17	17	19	18
14/ 13	1.0	.6	.2															9	9	8	17
12/ 11	1.9	.4																12	12	13	5
10/ 9	.8	1.6																12	12	9	10
8/ 7	1.7	1.2																15	15	16	15
6/ 5	1.2	.4																8	8	13	4
4/ 3	3.7	.6																22	22	19	16
2/ 1	3.9																	20	20	23	24
0/ -1	5.6																	29	29	29	13
-2/ -3	3.5	.2																19	19	19	16
-4/ -5	5.8																	30	30	30	20
-6/ -7	3.5																	18	18	18	22
-8/ -9	5.8																	30	32	30	18
-10/-11	6.8																	35	35	35	26
-12/-13	3.1																	16	16	16	18
-14/-15	3.7																	19	21	19	11
-16/-17	1.9																	10	10	10	22
-18/-19	3.5																	18	18	18	36
-20/-21	4.1																	21	21	21	16
-22/-23	3.7																	19	19	19	8
-24/-25	3.5																	18	18	18	21
-26/-27	2.7																	14	14	14	17

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

FORM 0-26 3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 73-75,77-81 YEARS | DEC MONTH

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.2																	6	5	6	16
-30/-31	.6																	3	3	3	7
-32/-33																					19
-34/-35	.6																	3	4	3	16
-36/-37																			1		12
-38/-39																					4
-40/-41																					4
-44/-45																					1
TOTAL	85.3	14.0	.2	.6														522			516
																		516		516	

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.	3059314	39266	76.1	11.766	516							
Dry Bulb	144886	-954	-1.8	16.575	522	55.9	91.6					93
Wet Bulb	137834	-934	-1.8	16.259	516	55.5	91.6					93
Dew Point	201304	-3794	-7.4	18.350	516	61.8	92.1					93

USAFETAC FORM 0-26-3 (OL A) JUN 71 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 75-91 (YEARS) DEC (MONTH)

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

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.6														3	3		
36/ 35	.2																	1	1	4	1
34/ 33	.4																	2	2	2	2
32/ 31	1.3	.6	.2															11	11	7	7
30/ 29	1.2	1.2																12	12	9	2
28/ 27	.8	.4																6	6	13	11
26/ 25		1.0																5	5		5
24/ 23	.4	.6																5	5	10	4
22/ 21	.8	.6																7	7	6	8
20/ 19	2.9	1.3																22	22	22	15
18/ 17	1.2	2.5																19	19	10	11
16/ 15	1.5	2.7																22	22	26	12
14/ 13	1.9	2.1	.2															22	22	18	15
12/ 11	1.5	.4																10	10	18	20
10/ 9	1.9	1.2																16	16	14	20
8/ 7	1.5	1.3																15	15	15	14
6/ 5	1.7	1.2																15	15	17	9
4/ 3	3.1	.8																20	20	22	11
2/ 1	3.6																	19	19	19	31
0/ -1	3.5																	18	18	18	9
-2/ -3	2.9																	15	15	15	15
-4/ -5	5.0																	26	26	26	18
-6/ -7	3.6																	19	19	19	16
-8/ -9	6.3																	33	33	33	19
-10/-11	5.6																	29	30	29	18
-12/-13	2.5																	13	15	13	13
-14/-15	3.5																	18	18	18	27
-16/-17	1.9																	10	11	10	16
-18/-19	5.0																	26	28	26	27
-20/-21	4.2																	22	22	22	16
-22/-23	4.4																	23	23	23	14
-24/-25	2.9																	15	15	15	18
-26/-27	1.3																	7	7	7	27
-28/-29	1.9																	10	10	10	16

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

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 STATION | TATALINA AFS AK STATION NAME | 75-31 YEARS | DEC MONTH

PAGE 2 | 2100-2300 HOURS

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-30/-31	.8																	4	4	4	8
-32/-33	.2																	1	1	1	16
-34/-35																			1		9
-36/-37																			2		14
-38/-39																					4
-40/-41																					3
TOTAL	81.4	17.7	.4	.6															530		521
																		521		521	

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.	3116340	39860	76.5	11.333	521							
Dry Bulb	149284	-672	-1.3	16.751	530	52.3	91.9					93
Wet Bulb	139497	-597	-1.1	16.339	521	51.6	91.9					93
Dew Point	196700	-3408	-6.5	18.314	521	57.7	92.5					93

FORM 0 26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7023.7 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
41/ 39				.2														9	9		
39/ 37	.0	.0		.1														9	9	1	
36/ 35	.1	.1	.1	.0														19	19	14	8
34/ 33	.2	.4	.1															35	35	32	12
32/ 31	.6	1.0	.2	.0														108	108	60	55
30/ 29	.8	.5	.1															84	84	114	54
28/ 27	.4	.4																45	45	71	58
26/ 25	.5	.8	.0															79	79	59	59
24/ 23	.2	.3																32	32	63	61
22/ 21	1.1	.6																98	98	88	78
20/ 19	2.3	1.4																215	215	181	114
18/ 17	1.1	1.6																156	156	146	118
16/ 15	1.1	2.1																190	190	184	133
14/ 13	1.7	1.6	.0															193	193	195	146
12/ 11	1.9	.9																165	165	186	157
10/ 9	1.5	1.8																196	196	176	189
8/ 7	1.6	2.1																216	216	198	156
6/ 5	1.8	1.5																190	190	249	130
4/ 3	3.5	.9																255	255	255	171
2/ 1	5.3	.8																357	357	365	323
0/ -1	5.2	.1																311	311	317	237
-2/ -3	4.3	.2																266	266	268	296
-4/ -5	4.7	.0																279	279	283	293
-6/ -7	4.9	.1																291	291	292	235
-8/ -9	5.4																	317	319	318	200
-10/-11	5.4																	317	318	317	270
-12/-13	2.3																	135	138	135	173
-14/-15	2.6																	153	156	153	239
-16/-17	2.2																	127	128	127	267
-18/-19	4.1																	240	242	240	291
-20/-21	3.3																	177	180	177	158
-22/-23	3.0																	175	175	175	118
-24/-25	2.5																	148	148	148	192
-26/-27	1.6																	92	92	92	151

Element (X)	Σ_R'	Σ_R	$\bar{R}$	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.												
Dry Bulb												
Wet Bulb												
Dew Point												

FORM 0-26-3 (OL A) JUN 71 USAFETAC PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

 ALL HOURS L.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B. Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-28/-29	1.4																	84	84	162
-30/-31	1.0																	60	61	78
-32/-33	.4																	24	24	132
-34/-35	.2																	12	17	152
-36/-37																			10	97
-38/-39																			4	56
-40/-41																			1	16
-44/-45																				1
-46/-49																				3
TOTAL	80.0	19.2	.5	.3														5895		5859
																		5859	5659	

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.	35493966	452170	77.2	10.100	5859							
Dry Bulb	1453505	-5903	-1.0	15.672	5895	409.4	734.9					744
Wet Bulb	1374049	-6333	-1.1	15.277	5859	409.1	738.0					744
Dew Point	1910382	-36756	-6.3	16.934	5859	487.2	741.5					744

USAFETAC FORM 0-26-3 (OL A) (JUN 71) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31				
88/ 87										.0	.0		.0					6	6		
86/ 85										.0	.0		.0					5	5		
84/ 83										.0	.0	.0						11	11		
82/ 81									.0	.0	.0		.0					24	24		
80/ 79								.0	.0	.0	.0	.0						49	49		
78/ 77						.0	.0	.0	.0	.0	.0	.0	.0					132	132		
76/ 75						.0	.0	.1	.1	.0	.0	.0						177	177		
74/ 73					.0	.0	.1	.1	.1	.0	.0	.0						244	244		
72/ 71				.0	.0	.0	.1	.1	.1	.0	.0	.0						315	315		
70/ 69			.0	.0	.1	.1	.2	.2	.1	.0	.0	.0						511	511	1	
68/ 67			.0	.0	.1	.2	.3	.1	.1	.0								677	677	8	
66/ 65		.0	.0	.1	.3	.3	.2	.1	.1	.0								776	776	57	
64/ 63		.0	.0	.2	.3	.4	.3	.2	.1	.0								963	963	129	1
62/ 61		.0	.1	.3	.5	.3	.3	.1	.0	.0								1163	1163	296	10
60/ 59	.0	.1	.4	.5	.4	.4	.2	.1	.0									1549	1549	588	60
58/ 57	.0	.3	.5	.6	.6	.4	.2	.1	.0									1819	1820	1142	191
56/ 55	.1	.5	.7	.7	.5	.4	.2	.1	.0									2202	2202	1779	504
54/ 53	.1	.6	.8	.7	.5	.3	.2	.1										2237	2240	2171	988
52/ 51	.2	.8	.9	.6	.5	.3	.1	.0										2441	2441	2382	1402
50/ 49	.2	1.1	1.0	.8	.5	.2	.0	.0										2600	2600	2849	1958
48/ 47	.3	1.2	.8	.7	.4	.1	.0	.0										2423	2425	3086	2547
46/ 45	.3	1.2	.8	.7	.3	.1	.0											2324	2324	3007	2810
44/ 43	.3	.9	.8	.5	.2	.1	.0											1947	1947	2833	2594
42/ 41	.2	.8	.7	.5	.2	.0												1688	1688	2455	2574
40/ 39	.3	.7	.9	.5	.2	.0												1763	1764	2146	2452
38/ 37	.2	.9	.8	.5	.1	.0												1701	1704	1831	2174
36/ 35	.3	1.1	1.0	.4	.1	.0												1947	1950	1938	2296
34/ 33	.4	1.4	.8	.2	.0													1961	1963	2243	2235
32/ 31	1.0	1.9	1.0	.2	.0													2869	2887	2755	3252
30/ 29	.7	1.3	.8	.1	.0													1943	1947	2602	2394
28/ 27	.5	1.3	.4	.1														1504	1508	2082	2306
26/ 25	.5	1.5	.4	.1														1618	1620	1871	2313
24/ 23	.3	1.0	.3	.0														1101	1101	1721	1547
22/ 21	.9	1.3	.3	.0														1680	1681	1643	2034

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 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
20/ 19	1.2	1.8	.2	.0														2256	2257	1931	2703
18/ 17	.6	1.6	.2															1593	1593	1761	1771
16/ 15	.8	1.7	.1															1790	1793	1848	1810
14/ 13	.7	1.4	.1															1518	1519	1566	1795
12/ 11	.9	1.2	.0															1510	1512	1639	1693
10/ 9	.7	1.3	.0															1372	1372	1499	1644
8/ 7	.6	1.2	.0															1245	1245	1270	1475
6/ 5	.5	.9																990	990	1268	1052
4/ 3	.9	.8																1137	1138	1199	1257
2/ 1	1.3	.8																1446	1447	1417	1720
0/ -1	1.4	.1																1081	1081	1204	1191
-2/ -3	1.2	.2																969	969	1007	1143
-4/ -5	1.4	.1																1043	1044	1068	1155
-6/ -7	1.2	.0																859	860	874	1011
-8/ -9	1.2																	818	820	831	953
-10/-11	1.1																	743	745	743	934
-12/-13	.7																	446	449	446	635
-14/-15	.7																	508	514	508	738
-16/-17	.7																	454	455	454	721
-18/-19	.8																	552	554	552	735
-20/-21	.6																	429	433	429	510
-22/-23	.6																	383	385	383	452
-24/-25	.5																	325	325	325	479
-26/-27	.3																	213	219	213	403
-28/-29	.3																	188	194	188	425
-30/-31	.2																	151	156	151	266
-32/-33	.1																	86	89	86	314
-34/-35	.0																	20	62	20	270
-36/-37																			48		271
-38/-39																			28		189
-40/-41																			28		66
-42/-43																			1		16
-44/-45																			1		16
-46/-47																					9

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

USAFETAC FORM 0 26 3 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUN 71

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702315 (STATION) TATALINA AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

 ALL (HOURS L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	Dew Point
-48/-49																					16
-50/-51																					3
-52/-53																					4
-54/-55																					2
-56/-57																					3
-58/-59																					2
-60/-61																					1
TOTAL	29.2	33.0	14.7	9.1	5.8	3.8	2.6	1.5	.8	.3	.2	.0	.0						68740		68495
																		68495		68495	

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.	380433607	4983773	72.8	16.125	68495							
Dry Bulb	99407266	2028566	29.5	23.985	68740	1218.4	448.5	280.7	84.8	8.8		8760
Wet Bulb	80289513	1831235	26.7	21.388	68495	1229.9	785.9	1.1				8760
Dew Point	64270111	1455485	21.2	22.063	68495	1668.7	550.3					8760

USAFETAC FORM 0-26-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] 25315 TATALINA AFS AK 73-81
(A...) (STATION NAME) (YEARS)

HR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	[illegible].4	2.6	13.9	26.8	42.2	49.3	54.3	52.1	41.9	25.7	1[illegible].3	-.9	26.7
[illegible]-02	S.D.	17.[illegible]581	17.783	13.667	9.297	6.410	5.874	5.373	5.858	6.[illegible]69	9.519	13.430	15.462	22.628
	TOTAL OBS	727	665	748	733	758	722	736	720	714	791	798	8[illegible]5	8917
	MEAN	4.2	1.6	12.1	25.1	39.9	47.6	52.2	49.8	40.4	24.6	9.5	-1.2	25.6
[illegible]-05	S.D.	18.16[illegible]	17.878	13.888	9.3[illegible]9	5.987	5.681	4.842	5.752	5.873	9.582	13.631	15.610	22.239
	TOTAL OBS	784	715	825	810	833	789	803	800	779	819	810	814	9581
	MEAN	3.7	1.0	11.5	26.2	42.6	50.3	54.1	50.8	40.5	24.2	9.3	-1.2	26.1
06-[illegible]	S.D.	18.427	17.866	13.987	9.758	6.615	6.490	5.492	6.[illegible]41	6.171	9.777	13.569	15.[illegible]00	23.475
	TOTAL OBS	796	735	825	8[illegible]9	834	789	804	801	783	821	810	813	9620
	MEAN	4.[illegible]	3.3	15.7	31.9	49.1	55.1	59.1	56.5	44.9	26.5	1[illegible].5	-1.[illegible]	29.7
-11	S.D.	18.219	17.428	13.132	9.887	7.991	8.046	7.271	7.317	7.435	9.660	13.386	15.6[illegible]0	24.78[illegible]
	TOTAL OBS	799	737	824	810	834	788	801	801	786	822	8[illegible]0	817	9629
	MEAN	5.[illegible]	8.0	20.6	36.1	52.9	58.2	62.8	60.5	49.1	29.5	13.[illegible]	.1	33.1
12-14	S.D.	17.376	16.504	12.511	9.743	8.306	8.432	8.019	8.232	8.713	9.455	12.[illegible]02	15.111	25.[illegible]96
	TOTAL OBS	800	738	825	810	834	788	803	800	782	823	8[illegible]0	816	9629
	MEAN	6.[illegible]	9.1	22.5	37.1	53.7	59.6	63.8	61.8	49.9	29.3	12.0	-1.2	33.3
15-17	S.D.	17.596	16.264	12.506	9.444	8.373	8.596	8.470	8.834	9.261	9.831	13.125	15.311	25.526
	TOTAL OBS	692	672	781	810	832	741	701	640	659	737	806	778	9849
	MEAN	6.7	8.9	19.4	34.7	51.7	56.5	61.5	59.0	46.0	28.8	12.6	-1.8	32.6
18-20	S.D.	15.045	17.423	12.553	8.720	7.858	7.667	7.594	8.473	8.592	8.778	12.681	16.676	23.607
	TOTAL OBS	399	395	866	620	605	454	497	544	541	549	586	522	6378
	MEAN	9.3	6.9	17.0	29.8	46.3	52.2	57.1	54.9	42.9	28.3	14.0	-1.3	30.3
21-23	S.D.	14.533	18.031	12.616	9.295	6.909	6.436	6.083	6.668	6.913	8.849	12.042	16.799	22.402
	TOTAL OBS	445	397	591	538	547	484	525	529	504	526	518	530	6137
	MEAN	5.5	4.8	16.5	31.0	47.2	53.5	57.9	55.4	44.4	27.0	11.2	-1.0	29.5
ALL HOURS	S.D.	17.462	17.646	13.703	10.491	8.959	8.416	7.925	8.370	8.218	9.701	13.235	15.704	23.985
	TOTAL OBS	5448	5054	6085	5940	6077	5555	5670	5635	5548	5888	5948	5895	68740

USAFETAC FORM 0-8-9-5 (OLA)

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

MEANS AND STANDARD DEVIATIONS

...ET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...TATALINA AFS AK 73-81

...		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	...	ANN AV
	MEAN	5.6	2.0	12.6	24.4	37.6	44.8	50.0	48.9	39.0	24.5	7.6	-.9	24.7
- 2	S D	15.730	17.191	12.941	8.618	5.119	4.311	3.756	5.036	5.601	9.039	13.111	14.943	20.971
	TOTAL OBS	709	664	747	730	757	718	735	719	714	787	796	795	8871
	MEAN	5.3	1.2	11.1	23.1	36.0	43.8	48.9	47.3	38.4	23.5	9.0	-1.2	24.1
7-	S D	15.972	17.183	13.264	8.879	4.886	4.385	3.669	5.202	5.567	9.127	13.341	15.130	20.694
	TOTAL OBS	752	711	823	8[illegible]	33	789	803	800	779	819	810	[illegible]	9536
	MEAN	5.0	.6	10.6	23.9	[illegible].0	45.4	50.3	48.2	38.5	23.2	8.9	-1.3	24.4
[illegible]	S D	16.038	17.173	13.401	9.0[illegible]7	[illegible].056	4.691	3.741	5.269	5.735	9.365	13.311	15.320	21.360
	TOTAL OBS	759	731	825	8[illegible]0	834	789	804	801	783	821	810	810	9576
	MEAN	5.0	2.9	14.3	28.2	41.9	48.5	53.1	51.5	41.5	25.1	10.0	-1.2	26.9
-11	S D	16.129	16.698	12.329	8.528	5.403	5.267	4.345	5.351	6.089	9.059	13.066	15.370	22.031
	TOTAL OBS	770	734	822	809	834	788	801	801	785	820	810	816	9590
	MEAN	5.9	7.2	18.5	31.4	43.9	50.0	54.8	53.5	43.8	27.3	12.3	-.1	29.1
12-14	S D	16.149	15.578	11.469	7.905	5.436	5.074	4.361	5.541	6.478	8.590	12.245	14.767	21.696
	TOTAL OBS	786	735	823	810	834	788	803	800	782	821	810	815	9607
	MEAN	6.2	8.1	20.2	32.1	44.4	50.6	55.0	54.0	44.1	27.3	11.4	-1.3	29.0
15-17	S D	16.366	15.565	1..346	7.534	5.441	4.961	4.403	5.661	6.643	8.925	12.747	14.997	21.822
	TOTAL OBS	679	672	780	810	832	741	701	690	659	736	805	777	9832
	MEAN	6.2	7.9	17.5	30.5	43.5	49.3	54.5	52.6	41.8	27.1	12.1	-1.8	29.0
[illegible]-20	S D	14.686	16.618	11.548	7.118	5.210	4.406	4.110	5.868	6.707	8.133	12.625	16.360	20.917
	TOTAL OBS	399	395	463	620	605	454	497	544	541	547	585	516	6366
	MEAN	8.6	6.2	15.4	26.9	40.5	46.9	52.1	50.4	40.0	26.9	13.4	-1.1	27.7
[illegible]-23	S D	14.116	17.167	11.780	8.314	5.284	3.983	3.867	5.253	6.032	8.327	11.760	16.379	20.371
	TOTAL OBS	448	396	588	536	547	484	525	529	503	523	517	501	6117
	MEAN	6.0	4.2	14.9	27.5	40.7	47.3	52.2	50.7	40.9	25.5	12.6	-1.1	26.7
ALL HOURS	S D	15.833	16.881	12.767	8.953	6.063	5.308	4.645	5.886	6.450	9.029	12.721	15.316	21.388
	TOTAL OBS	5302	5038	6071	5932	6076	5551	5669	5634	5546	5874	5943	5659	68495

USAFETAC FORM [illegible] 0-89-5 (OLA)

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

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

...TATALINA AFS AK 73-81

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	-.3	-4.0	5.7	18.5	31.2	39.8	46.3	46.1	36.6	21.1	5.5	-5.7	21.3
-02		17.997	19.336	14.239	10.214	6.388	5.485	4.666	5.521	6.537	9.861	14.723	17.540	22.163
	TOTAL OBS	709	664	747	730	757	716	735	719	714	787	796	795	8871
	MEAN	-.7	-4.6	5.4	17.6	31.4	39.5	45.8	45.3	35.8	20.3	4.9	-5.2	19.7
03-		18.648	19.421	14.671	10.356	6.192	5.411	4.581	5.716	6.544	9.892	14.889	17.821	22.168
	TOTAL OBS	752	711	823	808	833	789	803	800	779	819	810	809	9536
	MEAN	-1.2	-5.2	5.1	18.1	31.7	40.6	46.9	45.8	35.8	20.2	4.8	-6.4	19.9
04-0		18.704	19.641	14.795	10.456	6.883	5.292	4.155	5.631	6.581	9.091	14.814	18.785	22.661
	TOTAL OBS	759	731	825	809	834	789	804	801	783	821	810	810	9576
	MEAN	-1.2	-3.2	8.3	21.7	33.1	42.3	48.1	47.2	37.4	21.4	5.8	-6.3	21.3
-11		18.699	18.726	13.625	9.781	6.312	5.589	4.520	5.698	6.847	9.935	14.715	18.300	22.055
	TOTAL OBS	77	734	822	809	834	788	801	801	785	823	810	816	9596
	MEAN	-.5	.7	11.6	22.8	33.3	42.2	48.2	47.6	38.1	22.6	7.6	-5.4	22.5
1 -14		18.774	17.426	12.753	8.917	6.480	5.618	4.751	6.161	6.909	9.666	14.036	17.152	21.662
	TOTAL OBS	786	735	823	810	834	788	803	800	782	821	810	815	9607
	MEAN	.3	1.8	13.4	23.4	33.4	42.1	47.8	47.5	37.8	22.7	7.0	-5.6	22.2
-17		19.363	17.427	12.370	8.622	6.636	5.623	5.141	6.326	6.821	9.827	14.372	17.779	21.634
	TOTAL OBS	679	672	780	810	832	741	701	640	659	736	805	777	6832
	MEAN	3.1	2.0	10.9	22.8	33.8	42.5	48.7	47.1	36.9	23.3	7.9	-7.4	23.2
-20		16.730	18.172	12.736	8.501	6.274	4.964	4.571	6.386	6.940	9.051	14.379	19.771	21.187
	TOTAL OBS	399	395	663	620	605	454	497	544	541	547	585	516	5366
	MEAN	3.6	.2	9.2	20.4	33.1	41.5	47.9	46.4	36.2	23.6	9.5	-6.5	22.6
1-23		16.075	18.833	13.065	9.995	6.676	4.859	4.460	5.996	6.700	9.237	13.446	19.449	21.281
	TOTAL OBS	448	396	588	536	547	484	525	529	503	523	517	521	6117
	MEAN	.3	-1.9	8.8	20.5	32.4	41.2	47.4	46.5	36.8	21.7	6.4	-6.3	21.2
		16.373	18.668	13.894	9.889	6.408	5.518	4.708	5.978	6.749	9.819	14.542	18.089	22.063
	TOTAL OBS	5302	5038	6071	5932	6076	5551	5669	5634	5546	5874	5943	5859	68495

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM JUL 84 0-87-5 (OL A)

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

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
...	TATALINA AFS AK	...	...

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%		
...	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
	...-...	...	...	...	...	...	...	...	...	...	...	...
TOTALS		...	...	...	...	...	...	...	...	...	...	...

USAFETAC FORM JUL 84 0-87-5 (OL A)

U.S. GOVERNMENT PRINTING OFFICE: 1984-...

RELATIVE HUMIDITY

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%		
	-											
	-											
	-											
	-											
	-											
	-											
	-											
	-											
	-											
TOTALS												

USAPETAC FORM JUL 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAPETAC FORM NO. 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM NO. 64 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM 0-87-5 (OL A)

RELATIVE HUMIDITY

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%		
TOTALS												

USAFETAC FORM NO. 0-87-5 (OL A)

RELATIVE HUMIDITY

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		
TOTALS												

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

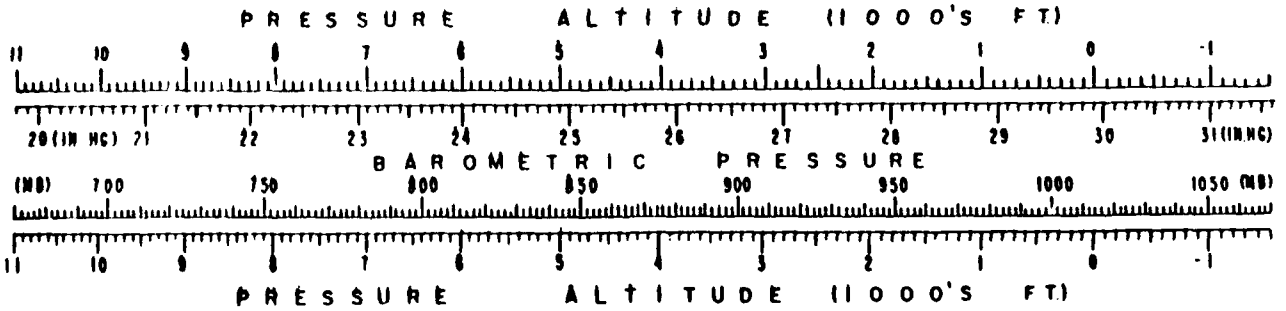
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided 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

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

STATION: CATALINA AFS AK — 73-81

HR (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
[illegible]	MEAN	28.734	28.681	28.681	28.753	28.745	28.854	28.878	28.866	28.721	28.569	28.636	28.67	28.733
	S.D.	.440	.386	.283	.292	.245	.183	.166	.210	.250	.313	.401	.409	.32
	TOTAL OBS	243	234	275	270	277	261	266	266	256	272	270	273	3195
[illegible]	MEAN	28.727	28.693	28.678	28.753	28.751	28.860	28.881	28.867	28.722	28.567	28.634	28.672	28.733
	S.D.	.442	.390	.283	.294	.246	.185	.169	.210	.253	.313	.400	.47	.327
	TOTAL OBS	271	246	275	270	273	263	268	267	261	273	270	274	3216
[illegible]	MEAN	28.728	28.694	28.682	28.757	28.759	28.865	28.888	28.871	28.729	28.571	28.637	28.671	28.737
	S.D.	.437	.388	.282	.294	.246	.186	.168	.212	.255	.315	.398	.479	.327
	TOTAL OBS	271	246	275	269	278	263	268	267	261	274	270	274	3216
[illegible]	MEAN	28.735	28.702	28.687	28.758	28.752	28.859	28.888	28.871	28.732	28.579	28.644	28.681	28.74
	S.D.	.434	.386	.281	.270	.244	.188	.163	.212	.255	.314	.401	.43	.32
	TOTAL OBS	271	246	275	270	273	263	268	267	262	274	270	274	3214
[illegible]	MEAN	28.727	28.690	28.676	28.746	28.736	28.845	28.873	28.857	28.719	28.57	28.636	28.675	28.72
	S.D.	.431	.389	.283	.288	.241	.187	.166	.208	.254	.314	.402	.431	.324
	TOTAL OBS	271	246	275	270	276	263	267	266	260	275	27	272	3213
[illegible]	MEAN	28.713	28.696	28.647	28.731	28.722	28.827	28.856	28.824	28.687	28.546	28.629	28.687	28.712
	S.D.	.421	.401	.279	.278	.241	.188	.153	.213	.259	.314	.403	.47	.324
	TOTAL OBS	223	215	255	270	277	247	231	205	213	241	269	255	2901
[illegible]	MEAN	28.686	28.704	28.658	28.743	28.732	28.845	28.863	28.836	28.720	28.537	28.513	28.795	28.725
	S.D.	.459	.386	.278	.297	.230	.190	.159	.212	.24	.308	.422	.454	.32
	TOTAL OBS	124	123	220	198	192	142	159	179	179	17	167	16	2013
[illegible]	MEAN	28.671	28.674	28.678	28.740	28.751	28.859	28.870	28.837	28.713	28.547	28.594	28.779	28.725
	S.D.	.435	.367	.281	.294	.230	.186	.166	.204	.255	.308	.421	.447	.325
	TOTAL OBS	191	169	218	235	215	234	209	209	203	207	183	214	2427
ALL HOURS	MEAN	28.719	28.692	28.674	28.748	28.744	28.852	28.876	28.856	28.719	28.563	28.631	28.693	28.730
	S.D.	.436	.387	.281	.291	.241	.187	.165	.210	.253	.313	.404	.435	.326
	TOTAL OBS	1635	1725	2068	2022	2073	1936	1936	1926	1897	1986	1969	1995	23389

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

MEANS AND STANDARD DEVIATIONS

...EA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

...TALINA AFS AK 73-81

...YEARS

...		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	...	ANNUAL
...	MEAN	1...1...1009.4	1...8	1...8	1...6	1009.7	1013.3	1013.9	1013.6	1008.8	1004.3	1...7.5	...	1...9
		15.394	13.766	1...945	10.425	9.647	6.454	5.800	7.453	8.802	11.054	14.525	15.446	11.441
...	OBS	265	234	275	270	277	261	266	266	258	272	270	273	3195
	MEAN	1...1...1009.8	1...8	1...6	1...6	1009.9	1013.5	1014.0	1013.6	1009.0	1004.2	1...7.4	1...9.4	1010.1
		15.756	13.897	1...371	10.496	8.663	6.561	5.896	7.5...1	8.911	11.117	14.513	15.476	11....
...	OBS	274	246	275	270	278	263	268	267	261	273	270	274	3216
	MEAN	1011.2	1...9	1008.9	1...6	1...1	1...2	1013.7	1014.3	1013.7	1009.2	1004.4	1...7.6	1010.3
		15.659	13.819	1...381	10.437	8.652	6.572	5.884	7.579	9....	11.116	14.238	15.442	11.477
...	OBS	271	246	275	269	278	263	268	267	261	274	270	274	3216
	MEAN	1011.4	1...8	1009.0	1...8	1009.9	1013.4	1014.3	1013.7	1009.3	1004.6	1...7.8	1009.7	1010.3
		15.465	13.763	9.959	10.343	8.558	6.652	5.825	7.562	9....	11.116	14.327	15.476	11.433
...	OBS	274	246	275	269	278	263	268	267	262	274	270	274	3217
	MEAN	1...1...1009.7	1...6	1...6	1...3	1009.3	1013.0	1013.6	1013.2	1008.7	1004.3	1...7.5	1009.5	1009.9
		15.633	13.797	1...181	10.241	8.497	6.597	5.740	7.420	9.046	11.130	14.373	15.514	11.399
...	OBS	271	246	275	270	278	263	267	266	259	275	270	272	3212
	MEAN	1010.0	1...9	1007.5	1...9	1008.9	1012.3	1013.2	1012.1	1007.7	1003.6	1...7.3	1...8	1009.3
		15.031	14.234	9....	10.223	8.498	6.649	5.287	7.432	9.162	11.121	14.436	15.544	11.417
...	OBS	223	215	255	270	277	267	231	264	214	241	269	255	2899
	MEAN	1...9.2	1...9	1...6	1...0	1...9	1...3	1...3	1...2	1...8	1...3	1...6	1...4	1009.7
		15.611	13.764	9....	10.645	8.398	6.703	5.489	7.475	9....	11....	14....	15....	11.517
...	OBS	144	123	222	178	193	142	159	180	179	17...	167	183	2115
	MEAN	1...9.4	1...9	1...8	1...0	1...9	1...3	1...3	1...2	1...8	1...3	1...6	1...7	1009.7
		15.673	13.231	9....	10.466	8.383	6.625	5.816	7.225	9....	10.829	14....	15....	11.445
...	OBS	191	169	218	235	215	204	209	219	206	207	183	214	2426
	MEAN	1010.7	1...9	1...8	1...6	1...9	1...3	1...2	1...1	1...9	1...4	1...7	1...1	1009.9
		15.617	13.777	9....	10.336	8.486	6.595	5.739	7.470	8.98...	11.057	14.452	15.647	11.456
...	OBS	1...8	1725	2...8	2...1	2...4	1...6	1936	1926	1...4	1986	1969	1996	23385

USAFETAC ... (OLA)

END

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