AD-A131 191 TIN CITY AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 1/5

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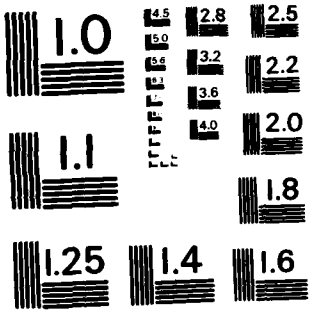

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19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

*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

TIN CITY 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DD FORM 1 JAN 73 1473 EDITION OF 1 NOV 65 IS OBSOLETE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 *TIN CITY 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.

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PDE 250 395
USDK 701 120

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

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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

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

DAILY OBSERVATIONS

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

DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

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

MISSING HOUR GROUPS

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

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
701170	TIN CITY ALASKA AFS	N 65 34	W 167 55	269	PATC	70117

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	Cape Prince of Wales AFS Alaska	AFS	May 53	Feb 56	N 65 34	W 167 55	268	271Ft	14 to 24
2	No Change	AFS	Mar 56	Feb 57	No Change	No Change	275	No Chge	24
3	Tin City AFS Alaska	AFS	Mar 57	Feb 59	No Change	No Change	No Change	No Chge	19 to 24
4	No Change	AFS	Mar 59	4 Nov 63	No Change	No Change	[illegible]	No Chge	No Chge
5	No Change	AFS	5 Nov 63	Feb 68	No Change	No Change	279	273Ft	No Chge
6	No Change	AFS	Mar 68	Dec 70	No Change	No Change	No Chge	258Ft	No Chge
7	Same	AFS	Jan 71	Feb 83	Same	Same	269	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	May 53to Feb 55	Located on top of bldg.	AN/GMQ-1	ML-204B	10Ft	
2	Mar 55to Feb 59	Located on top of Weather Station.	No Change	No Change	No Chge	
3	Mar 59to Feb 60	Located on top of Observing bldg.	No Change	No Change	20Ft	
4	Mar 60to Feb 61	1.Located on top of Weather Station. 2.Located 500 ft NE of weather Station,100 ft from touchdown point of Rnwy.	No Change AN/GMQ-11	No Change IND.ID373	30Ft 13Ft	
5	Mar 61to Feb 65	Located 500 ft S of weather Station.	AN/GMQ-11	No Change	No Chge	

USAF ETAC FORM APR 60 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 65to Dec 70	Located 360 ft SE of Weather Station.	No Change	No Change	No Chge	
7	Feb 83	Same	Same	Same	Same	

MAC-6 AFB, [illegible]

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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-WRAN sources).

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

Continued on Reverse

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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WEATHER CONDITIONS

7-1176 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	00-02		.4	1.2	15.5		16.6	21.9		34.5		45.8	772
	03-05		.4	1.0	16.7		17.7	23.6		33.2		46.6	8.1
	06-08		.2	.9	18.7		19.6	22.5		34.2		46.8	906
	09-11		.4	.7	17.4		18.0	26.0		32.5		47.2	812
	12-14		.3	1.4	17.8		19.3	31.0		32.7		48.8	768
	15-17			.5	21.0		21.3	36.3		28.6		46.5	581
	18-20		.2	1.1	22.3		23.1	36.7		29.9		48.4	471
	21-23		.7	.7	17.4		18.5	26.7		33.8		47.0	604
TOTALS			.3	.9	16.4		19.3	28.1		32.4		47.4	5613

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WEATHER CONDITIONS

721170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) FEB (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.	.	.4.	1.0.	9.3.		10.3.	20.3.		43.7.	.	49.5.	728
	03-05.	.	.7.	..	9.7.		10.3.	20.6.	.	41.7.	.	50.3.	756
	06-08.	.	.9.	.5.	7.8.		9.1.	22.0.	.	43.9.	.	52.0.	756
	09-11.	.	.7.	.4.	6.9.		9.4.	24.9.	.	39.7.	.	49.3.	758
	12-14.	.	.1.	1.2.	10.3.	.	11.7.	28.0.	.	40.7.	.	50.4.	738
	15-17.	.	.1.	1.1.	11.5.	.	13.6.	29.6.	.	30.5.	.	48.5.	546
	18-20.	.	.6.	1.7.	9.9.	.	11.2.	29.0.	.	28.0.	.	40.6.	483
	21-23.	.	.5.	1.4.	9.9.	.	11.0.	22.8.	.	37.4.	.	48.8.	583
	.	.	.	.	.	.	.	.	.	.	.	.	
	.	.	.	.	.	.	.	.	.	.	.	.	
	.	.	.	.	.	.	.	.	.	.	.	.	
TOTALS			.6.	.9.	9.7.		10.6.	24.7.		38.0.		48.2.	5448

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WEATHER CONDITIONS

70117C (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAR	00-02		.2		11.6		11.8	25.5		45.5		55.7	622
	03-05				13.0		13.0	23.4		44.5		55.2	622
	06-08		.6	.4	14.4		14.6	24.3		41.7		53.9	622
	09-11		.1	.1	14.1		14.2	22.6		41.7		51.0	623
	12-14				12.3		12.3	22.9	.5	39.2		49.6	622
	15-17		.1	.3	12.7		13.1	26.9		37.3		48.9	726
	18-20		.5		13.7		14.2	31.1		36.7		51.8	599
	21-23		.3	.3	13.0		13.6	27.4		43.3		53.3	737
TOTALS			.2	.1	13.2		13.4	25.5	.1	41.3		52.5	8131

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WEATHER CONDITIONS

7-1172 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-02		.5	.1	17.9		13.2	28.2		33.1		47.9	798
	03-05		.6	.1	18.2		13.4	33.3		33.7		52.3	798
	06-08		.5	.3	16.7		18.9	35.5	.1	33.3		53.3	798
	09-11		.1		16.1		16.9	32.9		32.1		50.4	797
	12-14		.9		15.7		16.3	29.5		29.3		44.6	792
	15-17		.3		17.6		17.9	30.5		26.4		43.[illegible]	675
	18-20		.6		20.4		21.3	32.7		25.7		43.4	548
	21-23		.7	.1	19.[illegible]		19.4	31.8		30.8		46.3	665
TOTALS			.7	.1	16.0		18.4	31.8	.0	30.6		47.9	5887

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WEATHER CONDITIONS

7-2170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR	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	02-05	.	4.2	.3	11.6	.	16.3	44.8	.	3.0	.	47.0	821
	03-06	.	2.8	.5	14.3	.	17.5	49.8	.	12.9	.	53.2	834
	06-09	.	2.0	2.2	15.3	.	20.1	49.2	.	14.5	.1	52.3	834
	09-12	.	3.6	.7	16.4	.	20.7	44.6	.	11.8	.	47.2	836
	12-14	.	3.7	.2	16.3	.	19.9	41.6	.2	12.2	.	44.0	834
	15-17	.	4.1	.7	13.3	.	17.4	36.5	.	6.2	.	36.0	806
	18-20	.	4.1	.4	12.1	.	16.5	37.3	.	6.8	.	39.3	702
	21-23	.	3.9	1.1	11.3	.	16.3	39.8	.	7.7	.	41.5	726
		.	.	.	.	.	.	.	.	.	.	.	
		.	.	.	.	.	.	.	.	.	.	.	
		.	.	.	.	.	.	.	.	.	.	.	
TOTALS			3.6	.4	13.8		16.1	42.9	.0	10.2	.0	45.4	6393

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WEATHER CONDITIONS

7.1170 TIN CITY AFS AK 73-81 JUN
STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

[illegible]	[illegible]	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		15.3	.8	3.8		19.5	51.2		.3		51.2	758
	03-05		17.1	1.0	5.6		23.4	52.6		.3		52.6	783
	06-08		18.8	.9	5.3		24.2	52.5		.6		52.5	788
	09-11		17.8	.6	4.7		22.5	45.8		.3		45.8	792
	12-14		14.5	.4	3.6		18.4	43.6				43.6	782
	15-17		16.1		3.9		19.8	41.3		.2		41.4	635
	18-20		15.9		2.5		18.0	40.7				40.7	511
	21-23		16.2	1.8	3.4		21.0	46.6				46.6	610
TOTALS			16.5	.7	4.1		20.9	46.8		.2		46.8	5659

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

7_117C TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		27.7		.3		27.8	53.1	.5			53.6	764
	03-05		27.9				27.9	52.2	.5			52.6	844
	06-08		34.5	.1	.2		34.7	46.3	.7			47.2	847
	09-11		25.2		.2		25.2	41.1	.9			41.8	848
	12-14		21.9		.3		22.2	38.1	.8			38.9	792
	15-17	.2	21.7		.7		22.1	42.8	1.2			43.8	645
	18-20		24.9		.6		25.6	43.9	1.2			45.1	461
	21-23		26.8		.3		27.3	46.2	1.6			47.2	619
TOTALS		.0	25.8	.0	.3		26.0	45.5	.8			46.3	5698

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GLOBAL CLIMATOLOGY BRANCH
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WEATHER CONDITIONS

70117C TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NUMBER OF OBS
AUG	03-22.	.	31.8.	.	.6.	.	31.8.	44.1.	.6.	.	.	44.5.	5.1
	03-15.	.	35.4.	.	.1.	.	35.8.	46.0.	.4.	.	.	4..4.	5.6
	16-20.	.	37.2.	.	.1.	.	37.7.	46.4.	.5.	.	.	46.9.	5.7
	09-11.	.	35.5.	.	.4.	.	35.5.	41.3.	1.1.	.	.	41.9.	5.6
	12-14.	.	32.2.	.	.	.	32.2.	36.2.	.5.	.	.	36.3.	798
	15-17.	.	31.5.	.	.3.	.	31.5.	34.3.	.5.	.	.	34.3.	645
	18-20.	.	32.1.	.	.7.	.	32.3.	37.3.	.5.	.	.	37.3.	563
	21-23.	.	31.1.	.	.7.	.	31.3.	43.8.	.7.	.	.	44.1.	694
	.	.	.	.	.	.	.	.	.	.	.	.	
	.	.	.	.	.	.	.	.	.	.	.	.	
	.	.	.	.	.	.	.	.	.	.	.	.	
TOTALS			33.4		.0		33.5	41.4	.0			41.7	5962

USAFETAC FORM JULY 54 0 10 5 OL A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

70-170 (STATION) IIN CITY AFS AK (STATION NAME) 73-81 (YEARS) SEP (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		24.3		6.3		30.3	23.2		.6		24.0	779
	03-05		26.7		6.3		32.7	26.4		.6		27.1	783
	06-08		25.2	.1	6.7		33.4	26.9		.5		27.4	782
	09-11		21.9		7.6		28.0	23.8		1.3		21.8	785
	12-14		19.9	.3	6.5		25.9	16.7		1.2		17.9	744
	15-17		23.1	.5	4.8		27.6	17.0		.5		17.4	619
	18-20		24.6	.4	5.1		28.6	23.6		.4		23.9	545
	21-23		24.0	.3	6.7		32.1	21.3		.7		22.1	675
TOTALS			23.6	.2	6.6		29.8	21.6		.7		22.3	5712

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-117- (STATION NUMBER) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-12		6.6	.4	31.2		38.2	12.3		15.2		26.1	813
	03-21		7.2	.9	32.2		38.7	13.4		15.2		27.3	814
	06-18		6.0	.7	31.7		36.8	16.1		13.3		27.6	813
	09-11		6.3	1.1	34.4		40.0	16.4		11.9		26.7	812
	12-14		6.0	1.4	29.7		35.7	15.5		11.9		24.3	779
	15-17		5.2	2.2	25.7		31.6	14.9	.1	9.3		22.5	689
	18-21		5.0	.4	25.5		30.3	14.3		10.6		23.1	502
	21-23		4.4	.2	34.0		37.7	13.5		13.8		25.6	653
TOTALS			5.8	.9	30.6		36.4	14.6	.1	12.0		25.5	5875

USAFETAC FORM JULY 64 0-10 5-OL A1, PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7[illegible]17[illegible] TIN CITY AFS AK 73-81 NOV
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
NOV	00-02		2.9	1.1	31.3		34.3	20.4	.1	32.1		43.2	765
	03-05		3.3	.6	34.[illegible]		36.4	19.[illegible]		32.1		43.[illegible]	766
	06-08		3.4	1.[illegible]	36.7		39.3	20.1		33.7		43.2	767
	09-11		3.9	2.6	33.7		36.1	26.4	.4	32.1		45.[illegible]	795
	12-14		3.8	1.8	35.2		36.8	27.7		29.9		45.9	769
	15-17		3.4	1.[illegible]	37.1		39.9	31.2		28.7		47.4	781
	18-20		2.3	1.2	36.5		41.4	27.8		34.6		47.9	486
	21-23		3.1	1.[illegible]	32.8		36.4	23.4		34.3		46.6	612
TOTALS			3.3	1.3	34.9		36.1	24.5	.1	31.9		45.[illegible]	5721

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

7-1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
DEC	03-32.		.2.	.4.	15.7.		16.2.	16.2.		38.9.		47.3.	8.2
	03-35.		.2.	.4.	17.3.		17.8.	17.2.		39.9.		49.4.	5.7
	06-08.			.0.	16.7.		17.1.	14.9.		42.5.		49.8.	8.8
	09-11.			.5.	15.4.		15.8.	21.1.		39.6.		49.8.	811
	12-14.		.1.	.3.	16.5.		16.8.	24.9		37.4.		49.9.	770
	15-17.			.3.	16.3.		16.5.	25.7.		33.6.		47.1.	631
	18-20.		.2.	.2.	16.4.		16.8.	26.4.		32.4.		46.6.	500
	21-23.			.3.	18.8.		19.1.	20.8.		37.1.		47.7.	653
TOTALS			.1.	.4.	16.6.		17.0.	20.8		37.7		48.5.	5779

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

GLOBAL CLIMATOLOGY BRANCH
AFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

72170 TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOUR (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 OBS
JAN	ALL		.3	.3	18.4		19.1	20.1		32.4		47.4	5613
FEB			.6	.9	9.7		10.5	24.7		39.1		42.2	5444
MAR			.2	.1	13.2		13.4	25.5	.1	41.3		52.5	6131
APR			.7	.1	15.1		16.4	31.0	.2	32.6		47.9	5587
MAY			3.6	.0	13.3		18.1	42.9	.1	10.2	.0	45.4	6343
JUN			18.5	.7	4.1		22.9	46.0		.2		45.3	5659
JUL		.0	23.6	.1	.3		26.1	45.5	.8			45.3	5698
AUG			23.4		.6		33.5	41.4	.6			41.7	5962
SEP			23.0	.2	6.8		29.8	21.6		.7		22.3	5712
OCT			3.8	.9	31.0		36.0	14.6	.2	12.0		25.5	5875
NOV			3.3	1.3	34.9		38.1	24.5	.1	31.9		45.4	5721
DEC			.1	.4	16.6		17.0	23.0		37.7		46.5	5779
TOTALS		.0	9.5	.5	13.9		23.4	30.7	.1	19.7	.0	43.2	69872

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

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.

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

70117C — STATION — TIN CITY AFS AK — STATION NAME — 55-56, 60-81 — YEARS — ALL — MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH PRES TO PRESENT	TOTAL NUMBER OF OBS
JAN	DAILY		8.5	6.3	45.7		47.3	58.4		59.9		79.7	615
FEB			6.5	5.4	32.1		33.3	50.9		61.4		75.7	552
MAR			5.0	3.3	39.3		39.9	56.5	.3	63.8		75.2	614
APR			6.2	2.6	51.2	.2	52.4	68.1		52.6		[illegible]	543
MAY			20.9	10.4	46.3		60.4	78.5	.1	18.5		75.8	772
JUN		.3	59.1	8.1	16.2		64.2	82.8	.1	.4		[illegible]	667
JUL		.6	73.0	.1	2.1	.1	73.1	83.7	1.8			84.4	726
AUG			75.8		4.0	.1	76.1	76.4	.9			76.4	792
SEP			64.2	1.4	27.7	.2	77.8	56.1		4.4	.2	58.3	643
OCT			27.3	7.1	73.5		80.7	43.1	1.0	29.6		59.2	622
NOV			11.9	6.3	71.7		73.3	49.9	.2	59.5		74.6	587
DEC			5.6	4.3	47.0		47.6	52.4	.2	65.3		78.0	625
TOTALS		.1	30.8	4.6	38.1	.0	60.5	63.1	.4	34.5	.0	75.5	7701

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary be cause 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 should include measurements from inappropriate months.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

71.175 — STATION
TIN CITY AFS AK — STATION NAME
54-81 — YEARS

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	PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES) 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	57.3	18.6	3.7	12.3	7.0	5.6	1.8	.4						26.9	766	.83	3.34	.04
FEB	63.3	13.7	3.4	9.6	4.1	4.[illegible]	1.1	.6	.1					22.9	706	.64	3.3	TRACE
MAR	63.0	16.2	3.9	10.0	4.5	4.[illegible]	.9	.0						23.6	802	.67	2.93	TRACE
APR	47.6	23.8	6.5	12.3	4.2	4.3	1.3	.5						28.6	796	.69	2.73	.04
MAY	40.1	33.4	5.6	11.4	5.2	3.1	.6	.4						26.5	842	.49	3.[illegible]7	.04
JUN	36.9	29.2	7.8	12.6	6.1	4.4	2.5	.0						34.0	771	.91	2.29	.11
JUL	25.9	30.2	7.8	12.3	6.0	7.8	5.9	2.0	.6					43.9	795	2.17	6.74	TRACE
AUG	23.2	23.5	7.7	13.6	9.2	12.3	6.2	3.3	1.1					53.3	818	2.95	7.72	.79
SEP	22.2	21.6	7.7	15.3	17.3	11.4	7.3	3.4	.9					57.2	771	2.73	6.42	.23
OCT	20.3	24.5	6.8	18.0	11.9	12.5	4.0	2.[illegible]						55.2	754	1.94	4.19	.12
NOV	26.7	21.9	6.9	18.7	10.3	12.2	3.1		.1					51.3	711	1.42	4.99	.26
DEC	53.9	18.6	5.1	11.2	6.[illegible]	3.7	1.7	.3						27.6	749	.68	2.12	.00
ANNUAL	39.3	22.9	5.9	13.1	7.2	7.0	3.1	1.2	.2					37.8	9271	16.13		

AMOUNTS (INCHES)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATION

TIN CITY AFS AK (STATION NAME) 54-61 (YEARS)

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	6 MONTHS
54		.36	.21	.96	.45	.03	.27	.72	1.52*	1.43	.31	.23*	[illegible]	1.52
55	*	.35	.22*	.12	.12	.12	.16	.39	1.61	1.22*	.55	.35*	.17	1.61
56		.36	.13*	.08	.05	.24	.04	1.35	2.22	1.16	.15	.23*	[illegible]	[illegible]
57	*	.57*	.23*	TRACE	.19	.22	.17	.22	.41	.49	.92	.21	[illegible]	[illegible]
58		.35	.50	.13	.05	.06*	.13*	TRACE	.42	1.75	.33	.35	.24	1.75
59		.19	.16	.52	.71	.12	.26	.55	.28	.42	.64	.35	.16	.71
60		.14	.21	.04	.26	.22	.52	.31	1.42	1.53	.46	.23	.02	1.53
61		.15	TRACE	.26	.27	.06	.31	1.06	.74	1.12	.37	.23	.35	1.12
62		.42	1.16	.41	.59*	.62	.54	2.01	.52	1.53	.67	.31	.56	[illegible]
63		.74	.53	.54	.34	.56	.55	.45	.47	.74	.74	.19	.02	.74
64	*	.09	.30	.04	.19*	.13	*	.06	.53*	.52		*	[illegible]	
65		.15	.15	.29*	.09*	.30	.40	1.00	1.46	.93*	.16	*	.15	
66		.11	.15	.04	.21	.15	.27	.46*	.24					
67				*	.04	.17*	.16	.53*	.51*	.12	.28*	.14		
68				*	[illegible]	.35			*	.64				
69		*	.22	.14	.06	.14	.10	.66	.42	.12	.72*	.33	.05	
70		.05*	.25	.07*	.02	.24	.03	.22	.33	.32	.55	.37	.05	.55
71		.04	.13	.12	.13	.12	.06	.56	.64	.12	.54	.25	.06	.64
72		.06	TRACE	TRACE	.07	.12	.56	.25	.47	.29	.69	.35	.09	.69
73		.15	.11	.05	.07*	.11*	.06*	1.03	.64	.57	.29	.41	.13	* 1.03
74		.25	.13	.39	.15	.19	.09*	.66*	.51*	.72	.06	.40*	[illegible]	* .72
75		.06	.10	.13	.06	.06	.45	.97	.51	.34	.17	.26	.12	.97
76		.02	.08	.35	.02	.01	.11	.22	.61	.34	.21	.07	.07	.61
77	*	.16	.08	.15	.14	.16	.27	.30	.26	.62	.24	.18	.09	.62
78		.15	.15	.04	.22	.15	.45	.15	.36	1.00	.35	.50	.32	1.00
79		.17	TRACE	.27	.26	.09	.35	1.26	1.93	.26	.28	1.04	.17	[illegible]
80		.42	.14	.22	.21	.03	.58	.37	.28	.33	.69	.27	[illegible]	.69
81		.29	.37	.19	.23	.17	.15	.62	.54	.16	.18	.12	.02	.62
MEAN	*	.192*	.218*	.198*	.233*	.157*	.295*	.637*	.782*	.693*	.425*	.315*	.157*	.677*
S D	*	.172*	.266*	.224*	.216*	.118*	.163*	.457*	.583*	.509*	.232*	.191*	.13*	.415*
TOTAL OBS	*	763*	776*	802*	786*	842*	771*	795*	818*	771*	754*	711*	749*	5771*

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AN 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

FROM LAST OBSERVATION

7 17. TIN CITY AFS AK 54-91
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	4 MONTHS
54	1.92	.47	2.93	.94	.69	.52	3.49	7.51*	5.79	1.[illegible]	1.50*	.[illegible]	[illegible]
55 *	.78	.32*	.47	.32	.25	.69	2.35	5.59	4.51*	2.45	1.20*	.[illegible]	*1[illegible]
56	.70	.34*	.37	.17	.46	.13	2.8[illegible]	7.46	3.77	.74	.26*	.[illegible]	*17.56
57 *	1.40*	.59*	TRACE	.70	.57	.49	.65	1.76	1.37	2.8[illegible]	1.3[illegible]	.[illegible]	*11.[illegible]
58	.30	.53	.65	.26	.75*	.25*	TRACE	.97	6.42	1.85	1.20	.[illegible]	*12.[illegible]
59	.78	.37	.93	1.64	.36	.81	2.29	1.12	1.71	1.[illegible]	1.08	.[illegible]	12.[illegible]
60	1.17	.93	.22	.77	.37	.81	.68	3.74	3.7[illegible]	1.85	1.29	1.[illegible]	[illegible]
61	.57	TRACE	.24	1.[illegible]2	.19	1.12	2.62	2.34	6.21	1.96	1.52	1.[illegible]	16.57
62	2.35	3.30	2.52	2.[illegible]2*	1.49	1.73	3.22	1.76	5.19	4.19	1.80	2.[illegible]	43.[illegible]
63	3.34	3.01	2.13	2.73	3.07	2.29	1.64	3.67	1.57	1.73	.31	1.12	[illegible]
64 *	.47	.69	.76	.92*	.41	*	.16	1.31*	2.46		*	.7[illegible]	
65	.5[illegible]	.[illegible]9	1.32*	.50*	1.15	1.53	6.[illegible]4	7.72	5.16*	.43	*	.43	
66	.35	1.43	.10	.45	.51	.86	2.56*	1.4[illegible]					
67			*	.[illegible]4	.41*	.30	2.11*	2.03*	.36	1.43*	.77		
68			*	.11	1.25			*	1.77				
69	*	.25	.46	.26	.30	.55	1.27	2.35	.76	3.69*	1.[illegible]4	.16	
70	.[illegible]*	.23	.19*	.74	.41	.11	1.12	1.31	.90	2.56	1.57	.3[illegible]	* 2.79
71	.2[illegible]	.[illegible]4	.33	.25	.53	.46	3.85	1.15	.69	1.54	.62	.33	[illegible].96
72	.72	TRACE	TRACE	.25	.21	.83	.56	1.76	1.73	3.59	1.46	.72	[illegible].47
73	.71	.32	.17	.20*	.17*	.26*	2.51	3.52	3.66	2.37	1.26	.49	*15.64
74	.32	.75	.17	.21	.34	.26*	2.09*	2.54*	2.78	.12	1.47*	.1[illegible]	* [illegible].95
75	.15	.29	.23	.23	.14	.69	1.27	1.97	1.42	.62	.56	.33	[illegible].37
76	.7[illegible]	.15	.13	.20	.74	.37	.50	1.36	1.11	1.16	.51	.17	[illegible].17
77 *	[illegible]	.24	.35	.27	.52	.72	.80	.79	2.59	1.76	.70	.72	* [illegible].66
78	.3[illegible]	.79	.34	.41	.24	1.95	.48	1.8[illegible]	5.31	2.5[illegible]	3.35	2.12	16.[illegible]
79	.69	TRACE	.62	1.34	.44	1.71	5.75	5.79	1.[illegible]7	1.13	4.99	.44	23.47
80	1.7[illegible]	.46	1.19	.34	.77	2.26	1.21	1.42	.70	3.66	2.09	.62	15.1[illegible]
81	2.56	1.40	.63	.99	.79	.46	2.65	2.75	.23	1.57	1.23	.9[illegible]	16.17
MEAN *	.535	.636	.674	.695	.488	.907	2.170	2.953	2.732	1.943	1.421	.674 *	15.7[illegible]
S.D. *	.911	.891	.822	.672	.617	.634	1.553	2.222	2.098	1.094	1.340	.572	8.761
TOTAL OBS *	766	706	602	776	342	771	795	816	771	754	711	743 *	[illegible]771

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

7[illegible]17[illegible] TIN CITY AFS AK 54-61

STATION STATION NAME YEARS

	AMOUNTS (INCHES)															PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00					MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4							
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120							
JAN	53.[illegible]	19.5	12.3	9.5	3.[illegible]	1.2	.7	.1								26.7	759	7.2	35.7	TRACE
FEB	54.3	14.[illegible]	13.8	7.4	1.6	.6	.7	.5	.2							21.7	65[illegible]	5.7	29.9	TRACE
MAR	59.9	17.4	12.4	7.2	1.8	.9	.2	.3								22.7	741	5.5	25.2	TRACE
APR	43.5	23.0	15.5	7.8	2.5	1.2	.5	.3	.3							27.7	757	7.2	26.0	.3
MAY	52.3	27.4	12.7	5.6	1.5	.2	.2									2[illegible].4	84[illegible]	3.6	21.4	TRACE
JUN	84.4	9.7	4.5	1.2	.2											5.9	8[illegible]7	.7	3.7	[illegible]
JUL	97.5	1.0	.8		.1											1.0	834	.1	[illegible]	[illegible]
AUG	95.5	[illegible]	.2													.2	827	TRACE	[illegible]	[illegible]
SEP	73.1	15.1	5.4	4.8	.6	.5		.1	.3	.1						11.9	764	3.9	24.7	TRACE
OCT	27.8	26.3	17.9	16.8	6.7	2.4	1.4	.5	.1							45.9	760	14.5	32.0	1.6
NOV	28.2	23.2	21.1	17.0	7.5	1.6	.9	.1	.1							48.6	681	13.4	40.8	2.0
DEC	53.[illegible]	19.4	13.3	9.5	2.3	1.2	.4	.3								26.7	692	6.9	2[illegible].4	.3
ANNUAL	61.6	16.8	1[illegible].6	7.2	2.3	.6	.4	.2	.1	.0						21.6	9132	6[illegible].4	[illegible]	[illegible]

USAFETAC FORM OCT 79 0.13.3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
SNOWFALL

17. TIN CITY AFS AK 54-[illegible]

STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MONTHLY
54	[illegible]			[illegible]	.2	.2	.7	.2*	2.[illegible]	[illegible]	[illegible]		
55	*TRACE	[illegible]			.4	TRACE	[illegible]	.2	TRACE*	[illegible]			
56	.6*	.1*	.8	.5	2.4	.2	[illegible]	.0	11.0	1.5	2.3*	4.6	11.8
57	3.7*	.4*	TRACE	[illegible]	2.2	[illegible]	[illegible]	[illegible]	[illegible]	3.[illegible]	2.1	.5	5.7
58	.3	5.1	1.3	.5	TRACE	[illegible]	[illegible]	.0	1.2	3.1	3.5	2.4	5.1
59	.7	1.6	3.2	7.1	.9	.2	.3	TRACE	.7	1.[illegible]	3.5	1.6	7.1
60	1.5	2.1	.4	[illegible].6	.6	TRACE	.0	TRACE	.8	1.8	2.3	2.2	[illegible].6
61	1.3	TRACE	.6	2.7	.0	TRACE	.3	.[illegible]	TRACE	1.7	2.2	[illegible].5	3.9
62	4.2	2.8	4.1	5.9*	2.3	.3	[illegible]	.1	[illegible].5	5.7	3.1	3.8	*.8
63	3.[illegible]	5.3	3.4	3.4	4.4	.3	[illegible]	TRACE	.8	4.4	1.9	3.2	5.4
64	3.1	3.0	.4	2.1	1.5	.1	.0	TRACE*	.*		*	.9	
65	1.4	.5	3.2*	1.2*	.4	2.[illegible]	.4	TRACE	3.2*	1.0	*	[illegible]	
66	1.1	1.7	.5	2.5	1.4	TRACE	.0*	.0	*	[illegible].3			
67			*	.3	2.5	.3	TRACE	.[illegible]*	.3	2.0*	1.4		
68			*	1.1	2.9			*	1.2*	1.5			
69	*	1.2	1.4	.0	1.0	TRACE	TRACE	TRACE	.4	3.3*	3.5	.[illegible]	
70	.5*	.5	.7*	.2*	.5	TRACE	.1	.0	.7	2.3	3.2	.7	3.2
71	.0	.3	1.2	1.3	1.3	.8	.0	TRACE	.4	[illegible].0	1.5	.7	1.5
72	.7	TRACE	TRACE	.7	1.2	.4	[illegible]	.0	.5	3.7	3.1	.9	3.7
73	[illegible]	1.1	.5	.7*	.9*	.1*	.7	TRACE	1.4	2.[illegible]	1.6	[illegible].5	2.2
74	2.5	.3	.9	1.3	1.9	.9*	TRACE	.0*	TRACE	1.1	2.3*	[illegible]	2.5
75	[illegible]	.4	1.5	.0*	.6	1.4	[illegible]	.0	.3	2.1	1.1	1.2	3.1
76	.2	1.3	.7	.2	.2	TRACE	TRACE	TRACE	TRACE	2.4	1.3	1.[illegible]	2.4
77	.0	1.[illegible]	1.5	1.7	1.8	.4	TRACE	.0	1.0	4.5	1.5	1.0	4.5
78	1.7	.5	.5	2.0	TRACE	.3	.3	.0	.7	3.5	3.5	3.[illegible]	5.5
79	1.7	TRACE	1.7	1.0	1.0	.6	TRACE	.0	.4	3.[illegible]	1.4	1.7	1.4
80	4.2	1.1	2.5	2.1	.2	.1	.0	TRACE	3.3	6.6	2.9	2.0	6.6
81	2.7	4.3	2.2	2.3	1.5	.5	2.0	TRACE	.5	1.2	1.3	2.5	4.7
MEAN	1.75	1.90	1.70	2.42	1.92	.38	.12	.01	1.79	3.13	2.96	1.95	5.69
S D	1.327	1.947	1.546	2.187	1.180	.541	.406	.042	2.898	1.482	1.943	1.298	3.245
TOTAL OBS	757	650	741	757	84[illegible]	817	834	827	794	76[illegible]	591	69[illegible]	9132

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

[illegible]17[illegible] TIN CITY AFS AK 54-[illegible]1
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	MONTH
54	19.[illegible]			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]*	2.[illegible]	[illegible]	13.[illegible]		
55	*TRACE	3.2			1.4	TRACE	[illegible]	[illegible]	TRACE*	13.[illegible]			
56	[illegible]*	.1*	3.7	.8	4.5	.2	[illegible]	[illegible]	1[illegible].3	7.[illegible]	2.6*	[illegible]	* 47.[illegible]
57	* 14.[illegible]*	1.5*	TRACE	7.[illegible]	3.[illegible]	[illegible]	[illegible]	[illegible]	3.2	[illegible].7	12.6	[illegible]	* [illegible]5.[illegible]
58	[illegible]	6.4	6.5	2.4	TRACE	[illegible]	[illegible]	[illegible]	3.2	14.5	12.[illegible]	[illegible]	51.[illegible]
59	7.[illegible]	3.7	9.3	16.4	3.2	.3	.7	TRACE	1.6	5.5	1[illegible].7	4.4	63.[illegible]
60	11.[illegible]	9.2	2.2	[illegible].7	[illegible]	TRACE	[illegible]	TRACE	2.[illegible]	[illegible].1	1[illegible]	11.[illegible]	69.[illegible]
61	4.7	TRACE	[illegible].4	1[illegible].2	1.[illegible]	TRACE	.3	[illegible]	TRACE	12.9	14.9	1[illegible]	57.[illegible]
62	[illegible]	14.9	[illegible]	20.2*	[illegible]	.7	[illegible]	.1	24.7	23.9	1[illegible]	[illegible]	*1[illegible].7
63	14.4	29.9	19.7	[illegible]6.6	[illegible].4	2.[illegible]	[illegible]	TRACE	1.2	13.[illegible]	[illegible].1	11.1	143.[illegible]
64	* 4.[illegible]	6.9	.6	8.2	3.7	.1	[illegible]	TRACE*	1.[illegible]		*	3.[illegible]	
65	[illegible]	.9	7.4*	4.[illegible]*	[illegible]	3.7	.4	TRACE	[illegible].7*	4.3	*	4.[illegible]	
66	[illegible]	14.3	1.1	4.4	4.3	TRACE	[illegible]*	[illegible]	*	3.3			
67			*	[illegible]	3.5	.7	TRACE	[illegible] *	.3	1[illegible].1*	5.7		
68			*	[illegible]	7.1			*	4.[illegible]*	1.6			
69	*	2.5	4.6	1.9	1.7	TRACE	TRACE	TRACE	.4	1[illegible].1*	1[illegible].1	1.6	
70	[illegible]*	2.3	1.[illegible]*	.4*	.6	TRACE	.1	[illegible]	.9	17.4	14.6	2.7	* 41.[illegible]
71	1.[illegible]	.4	3.6	2.5	3.5	1.[illegible]	[illegible]	TRACE	.4	[illegible].5	5.2	2.[illegible]	37.[illegible]
72	2.[illegible]	TRACE	TRACE	[illegible].3	2.2	.9	[illegible]	[illegible]	2.[illegible]	17.2	11.9	[illegible]	41.5
73	[illegible]	2.7	1.7	[illegible].1*	1.7*	.2*	[illegible]	TRACE	[illegible].3	16.7	7.5	[illegible]	* 46.[illegible]
74	[illegible]	.5	1.[illegible]	2.[illegible]	3.4	2.4*	TRACE	[illegible]*	TRACE	1.7	12.[illegible]*	[illegible]	* 27.8
75	1.[illegible]	2.6	2.[illegible]	2.3*	[illegible]	2.[illegible]	[illegible]	[illegible]	1.3	1[illegible]	[illegible].7	[illegible].3	* 33.7
76	.4	2.5	[illegible].2	.6	.4	TRACE	TRACE	TRACE	TRACE	[illegible].9	7.6	1.[illegible]	24.[illegible]
77	* [illegible]	3.3	3.6	[illegible]	3.4	1.1	TRACE	[illegible]	1.[illegible]	28.2	[illegible].7	1.[illegible]	* 5[illegible].7
78	[illegible]	1.2	.5	4.[illegible]	TRACE	.5	[illegible]	[illegible]	.5	27.4	32.6	[illegible].4	9[illegible].4
79	[illegible]	TRACE	[illegible].3	12.3	4.2	.6	TRACE	[illegible]	2.[illegible]	1[illegible].1	4[illegible].5	4.4	66.6
80	1[illegible]	4.4	12.4	3.4	.3	[illegible]	[illegible]	TRACE	4.[illegible]	32.[illegible]	[illegible]1.4	6.[illegible]	96.4
81	25.7	12.8	[illegible]	1[illegible].1	3.7	.6	2.[illegible]	TRACE	1.2	14.3	12.8	11.4	1[illegible].5
MEAN													
S D													
TOTAL OBS													

123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

7..170 TIN CITY AFS AK 53-81
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02 05	06 10	11 25	26 50	51 1.00	1.01 2.50	2.51 5.00	5.01 10.00	10.01 20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1 0.4	0.5 1.4	1.5 2.4	2.5 3.4	3.5 4.4	4.5 6.4	6.5 10.4	10.5 15.4	15.5 25.4	25.5 50.4	OVER 50.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4 6	7 12	13 24	25 36	37 48	49 60	61 120	OVER 120					
JAN	1.3	.8	2.8	.3	2.7	13.2	37.4	22.5	16.2	.6				97.9	856			
FEB	1.3	2.7	1.7	.5	2.6	13.6	33.0	22.9	14.1	7.7				96.3	781			
MAR	.1	3.0	1.7	.6	1.3	20.6	28.7	22.0	10.9	7.8	1.6	.6		96.9	863			
APR		3.0	.1	1.1	3.7	11.8	32.2	23.4	12.2	0.1	.5	.0		96.5	839			
MAY	5.1	5.9	3.1	0.3	5.2	15.2	29.1	12.9	6.7	.6	.6	.2		88.1	867			
JUN	57.0	23.3	7.8	2.9	3.7	2.4	2.4	.4						19.2	857			
JUL	94.3	5.6	.1											.1	856			
AUG	96.4	3.6													899			
SEP	92.0	1.9	3.0	1.0	1.3	.5	.2	.5						6.4	669			
OCT	65.5	16.8	12.1	11.4	10.4	19.9	8.5	2.4						64.7	898			
NOV	.1	2.0	3.7	6.6	10.2	27.9	31.1	14.5	3.1					97.1	866			
DEC			2.5	1.0	.0	22.3	31.7	32.7	9.8					100.0	886			
ANNUAL	29.0	6.6	3.6	2.8	3.6	12.3	19.5	13.3	6.2	1.9	.2	.1		83.6	10329			

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

FROM ALL OBSERVATIONS

70117C TIN CITY AFS AK 53-81

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

YEAR \ MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		6 MONTHS
53									TRACE	TRACE	4*	11*	12		
54		45	44	74	19	19	TRACE		0	0	5	14*	16		74
55	*	17	16*	17	14	10	3	TRACE	0	0	16	27*	22	*	32
56		33	34	36	36	17	5	0	0	3	4	5	7		36
57		22	23	23	29	29	0	0	0	5	7	13	15		29
58		16	22	29	31	31	TRACE	0	0	1	14	24	19		31
59		36	39	48	63	63	12	TRACE	TRACE	TRACE	5	15	0		63
60		31	39	41	50	29	1	0	0	1	2	8	14		50
61		11	7	8	16	9	TRACE	TRACE	0	0	0	11	16		16
62		14	10	10	13	13	1	0	0	23	6	9	16		23
63		1	10	9	6	7	TRACE	0	0	TRACE	7	5	10		10
64	*	11	9	9	14	11	9	0	0	1	3	6	0		14
65		10	6	9	12	10	0	0	0	4	15	19*	25	*	25
66		20	37	34	26	15	1	0	0	0	6	15	16		37
67		16	16*	19	22	19	3	0	0	0	7	7	5		22
68	*	11*	12	12	13	17		0	0	3*	7*	12*	16		
69	*	20*	20*	22	16	9	0	0	0	0	6*	4	2	*	22
70		0*	1	1	1	TRACE	0	0	0	TRACE	10	14	14		14
71		14	15	20	24	26	15	0	0	TRACE	7	8	1		29
72		11	11	11	13	12	5	0	0	1	0	9	9		13
73		11	14	13	15*	13*	4*	0	0	3	0	8	12		15
74		11	6	5	5	5	1*	0	0*	TRACE	TRACE	12*	11		12
75		4	7	8	0	7	1	0	0	1	2	9	6		9
76	*	0	5*	6*	0	3	1	TRACE	0	0	4	7	7		7
77	*	0	5	7	8	7	1	0	0	1	10	16	8		16
78		12	10	11	11	8	TRACE	0	0	TRACE	6	14	3		3
79		34	28	26	26	20	6	0	0	TRACE	5	28	30		34
80		21	13	15	8	6	0	0	0	TRACE	12	18	16		21
81		10	15	15	13	15	TRACE	1	0	1	4	5	7		15
MEAN		18.0	17.8	19.8	19.1	15.5	2.7	.0	TRACE	1.7	6.8	12.6	13.4		27.6
SD		10.893	12.117	16.874	13.893	12.589	3.989	.192	.000	3.050	3.791	6.438	7.745		14.699
TOTAL OBS		258	781	863	839	867	807	896	899	869	898	866	886		1,320

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C SURFACE WINDS

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

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

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

C

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

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

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

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

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATION

[illegible] TIN CITY AFS AK 77-81

STATION STATION NAME YEARS

DAILY PEAK GUSTS IN KNOTS

YEAR \ MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
77					36*	44 1/	32 1/	3718*	3616/	5517*	4436*	4616/	46
78	4/	[illegible] 2/	5536/	5515/	46 1/	4316/	4417/	3913/	42 2/	44 4/	5215/	5614/	[illegible]
79	18/	7[illegible] 2/	4316/	48 2/	46 2/	43 3/	42 1/	4020/	3617/	53 4/	3816/	67 2/	59
80	17/	[illegible] 2/	6436/	45 2/	45 3/	3515/	36 2/	31 3/	35 5/	41 3/	4017/	5819/	47
81	1/	[illegible] 5/	45 3/	5516/	37 4/	38 2/	3618/	48 3/	4034/	42 3/	49 3/	5618/	[illegible]
MEAN	[illegible]	51.8	5[illegible].8	44[illegible]	39.8	38.5	3[illegible]	38.6	47.3	44.6	6[illegible].3	55.6	64.8
S D	14.[illegible]	9.738	5.058	4.630	3.946	4.604	6.124	2.986	6.519	6.801	4.530	7.918	4.113
TOTAL OBS	124	113	123	120	139	148	155	151	149	148	147	154	1671

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

$ (BASED ON LESS THAN FULL MONTHS AND +1[illegible] KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
17	TIN CITY AFS AK	73-81	JAN

CLASS: ALL WEATHER

HOURS (LST): 0000-2300

CONDITION:

SPEED KNTS / DIR	1-3	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	.6	3.1	6.5	11.3	5.1	3.1	.1			30.3	23.7
NNE	.3	1.4	2.9	6.4	6.0	6.8	2.5	1.4	.1			27.7	18.9
NE		.4	1.8	1.4	2.3	1.2	.4					7.5	15.9
ENE	.3		.4	.3	.1	.1		.1				1.3	13.3
E		.5	.1	.3		.1						1.0	9.6
ESE			.1	.6	.3	.1						1.2	15.2
SE		.3	.9	.5	.1	.5	.3					2.6	15.2
SSE	.1	.4		1.7	.9	2.1	.8	.1	.4	.1		6.6	22.0
S	.5	.6	1.3	2.6	1.2	1.2	1.4		.1			9.0	16.7
SSW	.1	.6	.1	.8	.1		.1					1.9	11.5
SW		.1	.5	.1	.4	.1	.1					1.4	15.5
WSW	.3	.1	.1		.1							.6	9.8
W	.1		.1	.1	.3							.6	13.2
WNW													
NW													
NNW	.1					.3	.1	.1				.6	23.6
VARBL													
CALM												7.5	
	1.9	4.6	9.1	17.9	18.3	23.8	10.8	4.9	.8	.1		100.0	18.1

TOTAL NUMBER OF OBSERVATIONS 772

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 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JAN — MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.9	1.0	3.6	8.1	9.2	4.9	2.6	.4			31.0	22.7
NNE	.2	.9	3.5	6.9	5.2	7.5	2.5	1.7	.1	.2		28.8	19.7
NE	.1	.6	1.1	1.1	1.6	1.6	.2					6.5	16.4
ENE	.1	.1	.4	.1	.2	.2						1.2	12.7
E		.2	.5	.4								1.1	9.7
ESE	.1	.2	.2	.4	.4							1.4	11.5
SE		.5	.4	.2	.2	.5	.5					2.4	13.0
SSE		.5	.6	1.2	1.5	1.6	.9	.6		.1		7.1	21.0
S		.7	1.5	2.1	2.0	1.1	.6	.2		.2		8.6	17.6
SSW		.5	.2	1.0		.1						1.9	11.8
SW	.1	.4	.1	.4								1.0	9.4
WSW		.5		.2	.1							.9	9.4
W		.4		.4	.2							1.0	11.9
WNW													
NW													
NNW	.1			.1				.1				.4	17.3
VARBL													
CALM												6.7	
	1.1	6.5	9.6	18.2	19.7	22.0	9.6	5.4	.5	.6		100.0	18.2

TOTAL NUMBER OF OBSERVATIONS 801

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

70170 — TIN CITY AFS AK — 73-81 — JAN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 0600-0800

CLASS — HOURS (LST)

CONDITION

WIND DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.9	1.5	4.2	6.9	8.3	6.0	2.0	.5			30.5	22.8
NNE	.5	1.5	2.4	5.5	8.4	6.5	3.7	1.1				29.5	19.4
NE		.5	1.1	1.5	1.2	1.0	.2					5.6	15.4
ENE	.1	.5	.2	.1		.1						1.1	8.6
E			.4		.1							.5	10.3
ESE		.1	.4	.5	.2							1.2	12.2
SE	.2	.2	.4	1.2	.2	.2	.5	.4				3.5	17.5
SSE		.5	.9	.9	1.9	2.5	1.1	.1				7.6	19.9
S	.7	1.5	2.0	1.4	1.5	1.1	.4	.1	.1	.1		8.9	14.3
SSW	.6	.5	.9	.7	.4	.2	.1					3.2	10.3
SW	.2			.1								.4	5.3
WSW	.1		.2	.2	.1							.7	10.3
W	.1	.4	.1	.1	.1							.9	8.3
WNW			.2									.2	10.0
NW													
NNW			.2	.1	.1	.1		.1				.7	18.7
VARBL													
CALM												0.0	
	2.7	6.6	10.9	16.6	21.1	20.1	12.0	3.8	1.0	.1		100.0	18.0

TOTAL NUMBER OF OBSERVATIONS 626

USAFETAC FORM 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 .17 TIN CITY AFS AK 73-81 JAN
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		.4	.2	3.0	7.8	10.3	4.3	3.1	.6			29.7	23.9
NNE	.2	.2	2.7	6.9	6.5	7.6	2.8	.5				27.6	19.2
NE		.5	1.6	1.6	.6	1.0	.5	.1				5.9	15.9
ENE	.1	.9	.4	.1								1.5	5.9
E		.1		.2								.4	11.0
ESE	.2	.1		.4	.4							1.1	11.2
SE	.2	.1	.6	.6	.6	.7	.7	.1				3.5	16.9
SSE	.1	.4	1.1	1.6	1.2	2.1	1.1	.4				8.0	19.4
S	.6	2.2	2.1	1.2	2.2	1.5	.5					10.3	13.4
SSW	.2	.7	.5	.4	.1	.2						2.2	10.0
SW		.4	.4	.5	.4							1.6	11.3
WSW	.2	.2	.1									.6	4.6
W		.4	.1	.1								.6	7.6
WNW	.1		.1									.2	6.0
NW													
NNW		.1		.2		.2		.4				1.0	23.3
VARBL													
CALM												5.4	
	2.2	6.8	10.0	16.9	19.8	23.8	10.0	4.6	.6			100.0	18.0

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)

[illegible] TIN CITY AFS AK — 73-81 — JAN
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 12[illegible]-14[illegible]
CLASS — HOURS (LST)

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		.3	.3	2.9	7.6	10.2	4.6	3.0	.5			[illegible]	[illegible]
NNE	.1	.7	1.7	7.9	5.9	8.1	3.	.3				[illegible]7.6	19.3
NE		.5	1.3	3.0	.7	.5	.7					6.6	14.6
ENE			.1		.3							.4	14.3
E	.3	.5	.3									1.0	4.8
ESE	.3		.3									.5	6.3
SE	.1	.1	.3	.8	.8	1.3	.1					3.5	17.5
SSE	.1	.1	.5	1.7	2.1	1.7	.8	.8				7.5	[illegible]0.7
S	.7	1.7	1.0	1.7	1.8	2.2	.5					9.6	15.1
SSW	.7	.9	.4	.1	.4							2.5	6.9
SW	.3	1.[illegible]		.8								2.1	7.8
WSW	.1	.7	.7	.1								1.5	6.8
W	.1		.5									.7	7.4
WNW													
NW			.1									.1	6.0
NNW				.1	.1	.3	.1					.7	[illegible]2.2
VARBL													
CALM												6.1	
	2.7	6.5	7.4	19.1	19.5	24.2	9.8	4.0	.5			1[illegible]	17.8

TOTAL NUMBER OF OBSERVATIONS 768

USAFETAC FORM [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 1172 TIN CITY AFS AK 73-81 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1500-1700
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		.7	1.2	4.5	6.0	7.2	3.8	1.7				25.2	21.6
NNE	.9	1.2	2.4	7.6	5.9	8.3	4.3	.3				30.9	19.1
NE	.2	.2	1.4	4.3	1.9	1.7	.5					10.2	16.1
ENE	.2	.2	.3	.2		.2						1.0	9.8
E	.2	.2	.3	.2								.9	7.8
ESE		.2	.5	.3								1.0	9.3
SE	.3	.2	.5	.5	.7	.7						2.9	14.5
SSE	.5	.2	.3	1.7	3.1	1.6	1.6	.5	.2			9.7	20.2
S	.2	.5	1.4	1.7	1.6	1.7	.3					7.4	16.1
SSW	.5	1.0	.3	1.0								2.9	7.9
SW	.2	.2	.3	.5								1.2	8.7
WSW	.3	.3	.2									.9	4.8
W		.2										.2	5.0
WNW		.2										.2	6.0
NW													
NNW													
VARBL													
CALM												5.5	
	3.4	5.3	9.3	22.6	19.1	21.4	10.5	2.6	.2			100.0	17.2

TOTAL NUMBER OF OBSERVATIONS 58[illegible]

USAFETAC FORM JUL 64 [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 .17 TIN CITY AFS AK 73-75,78-81 JAN
STATION STATION NAME YEARS MONTH

ALL WEATHER 1800-2000
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	.2	.4	.2	5.1	7.2	8.3	1.5	2.8				25.7	21.8
NNE	.2	1.1	3.8	5.1	7.0	5.1	5.7	.8				28.9	19.7
NE		.8	3.2	3.4	2.3	3.4	1.5					14.6	17.[illegible]
ENE	.6	.2										.3	3.3
E	.2	.2	.4	.4								1.3	8.3
ESE		.4	.4			.2						1.1	9.4
SE	.6	.2	.4	.2	.4	1.3						3.2	15.2
SSE		.2	1.5	.6	.8	1.5	.2	.2	.2			5.3	18.7
S	.4	.2	1.3	2.5	1.9	.8	.4		.2	.4		8.3	17.6
SSW	.2	.8	.2	.4	.4							2.1	9.8
SW	.2	.4				.2						.8	9.5
WSW		.8										.8	5.5
W													
WNW													
NW													
NNW													
VARBL													
CALM												7.1	
	2.8	5.9	11.5	17.8	20.2	20.8	9.3	3.8	.4	.4		100.0	17.3

TOTAL NUMBER OF OBSERVATIONS 471

USAFETAC FORM JUL 64 0-8-5 OLVA 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 .170 TIN CITY AFS AK 74-81 JAN

STATION STATION NAME YEARS MONTH

ALL WEATHER 2100-2300

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		.3	1.0	3.5	8.4	10.3	3.6	2.3				29.5	22.3
NNE	.3	1.0	3.0	5.6	5.5	6.3	5.0	1.7				28.3	20.5
NE	.2	1.0	2.2	1.5	2.8	3.0	.2					10.8	16.6
ENE	.2		.5	.7								1.3	10.5
E		.3	.3	.7								1.3	10.3
ESE				.2	.2	.3						.7	20.8
SE	.2	.2		.3	.3	.3	.7					2.0	20.7
SSE	.2	.3	.8	1.2	1.0	1.5	.2	.7	.2	.2		6.6	19.6
S	.3	.7	1.0	2.3	1.2	.5	.7					6.6	15.0
SSW		.3	.7	.2	.3	.2						1.7	12.3
SW	.2	1.0	.3	.3								1.8	6.6
WSW		.3		.3								.7	9.5
W		.2		.2								.5	6.0
WNW													
NW	.2											.2	3.0
NNW	.2			.2	.3	.3		.2				1.2	19.9
VARBL													
CALM												7.1	
	1.8	6.1	9.8	17.1	20.0	22.7	10.3	4.8	.2	.2		100.0	17.9

TOTAL NUMBER OF OBSERVATIONS 604

USAFETAC FORM JUL 64 3-5-5 OLD-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)

[illegible] TIN CITY AFS AK — 73-81 — JAN
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — ALL
CLASS — HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	.8	3.6	7.3	9.5	4.4	2.6	.4			29.2	23.[illegible]
NNE	.3	1.0	2.7	6.5	6.3	7.1	3.5	1.0	.[illegible]	.0		28.6	19.4
NE	.1	.5	1.6	2.1	1.6	1.5	.5	.0				8.[illegible]	16.[illegible]
ENE	.2	.2	.3	.2	.1	.1		.0				1.1	9.8
E	.1	.3	.3	.2	.0	.0						.9	8.8
ESE	.1	.1	.2	.3	.2	.1						1.0	12.[illegible]
SE	.2	.2	.4	.6	.4	.7	.4	.1				3.0	17.3
SSE	.1	.4	.7	1.4	1.6	1.9	.9	.4	.1	.1		7.4	20.3
S	.4	1.1	1.5	1.9	1.7	1.3	.6	.1	.1	.1		8.7	15.5
SSW	.3	.7	.4	.6	.2	.1	.0					2.3	9.9
SW	.1	.4	.2	.4	.1	.0	.0					1.3	9.7
WSW	.1	.4	.2	.1	.1							.9	7.3
W	.1	.2	.1	.1	.1							.6	9.5
WNW	.0	.0	.1									.1	7.6
NW	.0		.0									.0	5.5
NNW	.1	.[illegible]	.0	.1	.1	.2	.0	.1				.6	21.1
VARBL													
CALM												6.3	
	2.3	6.1	9.6	18.2	19.7	22.4	10.3	4.3	.6	.2		100.0	17.9

TOTAL NUMBER OF OBSERVATIONS 5612

USAFETAC FORM [illegible] JUL 64 [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 1172 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	.5	4.9	6.2	14.4	11.7	4.7	1.0			43.8	25.4
NNE	.4	1.0	2.5	7.3	6.0	6.3	1.1	.4	.3	.4		25.7	18.4
NE		.3	.5	1.1	1.6	1.6	.1	.3				5.6	18.4
ENE		.1										.1	4.0
E	.1											.1	2.0
ESE		.1										.1	6.0
SE		.3	.3		.7	.4	.3					1.9	18.4
SSE	.1	.1	.4	1.4	.5	1.4	.3					4.3	17.2
S	.4	1.1	.8	1.1	.8	.1						4.4	10.8
SSW	.3	.8	.7	.1								1.9	6.2
SW	.7	.4		.1	.3							1.5	6.5
WSW	.1											.1	2.0
W													
WNW													
NW													
NNW				.3	.1	.4		.1				1.0	22.1
VARBL													
CALM												9.3	
	2.2	4.7	5.8	16.3	16.3	24.7	13.5	5.5	1.2	.4		100.0	18.9

TOTAL NUMBER OF OBSERVATIONS 728

USAFETAC FORM JUL 64 0-8-5 OLD-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)

/ 117 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS) 0300-0600 (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.7	4.0	7.0	15.8	7.0	6.2	.8	.1		43.4	24.8
NNE	.1	1.6	3.4	6.1	7.3	5.2	2.3	.3	.1	.4		26.8	18.3
NE		.1	.7	1.2	1.3	1.5	.1					4.9	17.6
ENE	.1			.5								.7	12.2
E				.3	.1							.4	14.0
ESE				.1								.1	14.0
SE				.1	.1	.7	.3					1.2	23.9
SSE	.1	.1	.3	.7	1.2	.7	.5					3.6	19.1
S	.8	1.7	1.3	1.3	.8	.4	.1					6.5	13.5
SSW	.7	.7	.1	.4	.1							2.0	7.1
SW	.3		.1									.4	5.3
WSW				.1								.1	12.0
W		.1										.1	6.0
WNW													
NW				.1								.1	15.0
NNW		.1		.3	.7	.7						1.7	18.7
VARBL													
CALM												7.9	
	2.4	5.0	7.7	15.2	18.7	24.8	12.3	6.5	.9	.5		100.0	18.9

TOTAL NUMBER OF OBSERVATIONS 755

USAFETAC FORM JUL 64 0828-5 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)

[illegible] TIN CITY AFS AK — 73-81 — FEB
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — [illegible]
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		.1	.3	3.2	11.2	14.4	7.3	5.[illegible]	1.6			43.1	25.[illegible]
NNE	.1	.7	4.4	5.8	7.3	7.5	2.2	.3		.4		[illegible]8.7	18.8
NE	.1		.4	.7	.9	2.1						4.2	19.2
ENE	.3			.1								.4	6.3
E				.3	.1	.1						.5	17.[illegible]
ESE					.3							.3	16.[illegible]
SE				.4	.1	.7		.1	.2			1.6	25.9
SSE		.3	.5	1.3	1.1	.[illegible]	.3					4.2	16.7
S	1.3	2.1	1.9	.7	1.1	.3						7.3	6.8
SSW	.1	.7	.3	.3								1.3	7.2
SW	.3	.1	.1	.1	.1							.8	9.[illegible]
WSW	.4			.1								.5	4.8
W													
WNW		.1										.1	4.[illegible]
NW													
NNW				.1	.3	.3						.7	19.6
VARBL													
CALM												6.2	
	2.6	4.1	7.8	13.1	22.5	26.2	9.8	5.4	1.9	.4		1[illegible]0.[illegible]	19.2

TOTAL NUMBER OF OBSERVATIONS 756

USAFETAC FORM [illegible] 64 [illegible] FORM ARE [illegible]

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]17[illegible] TIN CITY AFS AK 73-81 FEB
STATION STATION NAME YEARS MONTH

ALL WEATHER 900-1100
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		.3	1.3	3.4	10.6	15.[illegible]	7.4	3.4	.9			42.4	23.9
NNE	.3	.8	2.3	5.3	7.8	7.[illegible]	1.6	1.5	.3	.1		26.9	19.8
NE	.1	.1	.4	.9	1.1	1.9	.7	.1				5.3	19.6
ENE		.1	.1			.1						.4	12.7
E			.1									.1	1[illegible]
ESE													
SE		.5	.4	.1	.1	.4		.1	.4			2.1	20.1
SSE	.1	.5	.7	.9	.7	.5	.5	.1				4.1	15.8
S	.9	1.6	2.4	.9	.5	.4						6.6	9.4
SSW	.1	1.1	.3	.3								1.7	6.6
SW	.3	.5	.1	.3	.1							1.3	7.6
WSW	.1	.1	.1	.3								.7	8.4
W	.1	.1										.3	3.5
WNW													
NW				.1								.1	16.[illegible]
NNW				.1	.7							.8	17.3
VARBL													
CALM												6.9	
	2.1	5.8	8.2	12.7	21.6	25.3	10.2	5.3	1.6	.1		100.0	18.7

TOTAL NUMBER OF OBSERVATIONS 754

USAFETAC FORM JUL 64 [illegible] 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 .170 — STATION
TIN CITY AFS AK — STATION NAME
77-81 — 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		.5	.7	5.1	8.2	13.4	7.2	5.1	.5	.1		40.3	24.2
NNE	.1	.9	2.0	5.8	6.6	7.3	3.2	.3	.4			26.6	19.7
NE	.4	.4	.9	.7	1.6	2.2	.3					6.5	17.2
ENE	.3				.3	.3						.3	14.3
E	.1											.1	3.0
ESE		.1										.1	5.0
SE		.1	.3	.8	.3	.3			.4			2.2	19.6
SSE	.1		.9	.7	.7	.4	.7					3.5	16.9
S	.9	2.0	1.2	2.3	.3	.1						6.9	9.9
SSW	.4	.4	.4	.3								1.5	6.6
SW	.5	.3	.3									1.1	4.5
WSW	.4	.3										.7	3.6
W	.3											.3	2.5
WNW													
NW													
NNW	.1			.1	.8	.3						1.4	10.3
VARBL													
CALM												7.6	
	3.8	5.1	6.8	15.9	18.6	24.3	11.1	5.4	1.4	.1		100.0	16.4

TOTAL NUMBER OF OBSERVATIONS 738

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 17	TIN CITY AFS AK	77-81	FEB

CLASS	HOURS (LST)
ALL WEATHER	15 0-1700

CONDITION

SPEED KNTS / DIR	1 - 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	.9	4.2	8.2	11.5	6.7	4.6		.5		37.2	24.4
NNE	.3	1.5	3.3	6.5	6.0	9.0	2.3	1.7	.5			31.1	19.5
NE		1.1	.5	1.4	1.2	2.7	.6					7.0	17.7
ENE	.2		.2									.5	5.5
E	.3											.3	2.5
ESE	.3	.7		.2								.6	6.3
SE	.2	.2	.3	.2	.2	.2		.3				1.4	16.3
SSE		.6	.3	.8	1.1	.8	.2	.2				3.9	17.5
S	.8	.8	1.5	2.6	.2	.2						6.0	10.1
SSW	.6	1.5	.2	.3								2.6	5.1
SW	.3		.2									.5	4.7
WSW		.3										.3	5.0
W		.2										.2	5.5
WNW													
NW													
NNW					.5	.2						.6	20.3
VARBL													
CALM												8.0	
	2.9	7.0	7.3	16.1	17.3	23.8	9.8	6.8	.5	.5		100.0	14.3

TOTAL NUMBER OF OBSERVATIONS 646

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)

STATION	STATION NAME	YEARS	MONTH
7 217	TIN CITY AFS AK	73-75,78-81	FEB

CLASS	HOURS (LST)
ALL WEATHER	1800-2300

CONDITION

SPEED KNTS / DIR	1 - 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	.6	1.9	6.4	7.7	5.4	5.0	.2			27.5	25.2
NNE	.8	2.1	4.6	4.6	6.2	11.0	2.7	1.7				33.5	18.9
NE		.4	1.0	2.1	1.9	3.5	1.7					10.6	19.9
ENE	.2											.2	3.0
E			.2									.2	6.0
ESE			.6									.6	9.3
SE	.2	.2	.2									.5	5.3
SSE	.2	.2	.6	.8	1.2	1.2	.4					4.8	17.7
S	.2	1.7	1.2	2.9	.6	.2						6.9	10.4
SSW	1.0	1.1										2.1	3.5
SW	.8	.4										1.2	3.0
WSW	.6		.2									.8	3.3
W													
WNW													
NW					.2							.2	20.0
NNW					.4							.4	18.0
VARBL													
CALM												10.4	
	4.1	6.4	9.3	12.2	17.0	23.6	10.1	6.6	.2			100.0	17.3

TOTAL NUMBER OF OBSERVATIONS 483

USAFETAC FORM JUL 64 OBSOLETE 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 1170 — STATION
TIN CITY AFS AK — STATION NAME
74-81 — YEARS
FEB — 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	.5		.9	3.4	5.1	12.9	9.8	4.8	.3			37.7	25.1
NNE	.3	1.4	2.7	7.4	7.2	6.2	2.2	1.0	.7			29.2	18.9
NE			.2	2.1	1.4	2.1	.5	.5				6.7	[illegible]
ENE	.2		.2									.3	5.5
E		.3										.3	4.5
ESE													
SE	.2		.3	.2								.7	7.5
SSE	.2	.5	.9	1.4	.5	.9	.9					5.1	16.3
S	.3	1.2	.9	2.1	.5	.5						5.5	11.5
SSW	1.2	.3	.2		.2	.2						2.1	5.6
SW	.2		.2									.3	5.0
WSW		.2	.2									.3	7.0
W													
WNW													
NW													
NNW				.2	.2							.3	17.5
VARBL													
CALM												11.3	
	3.1	3.9	6.5	16.6	15.1	22.6	13.4	6.3	1.0			100.0	16.2

TOTAL NUMBER OF OBSERVATIONS 583

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 1170 TIN CITY AFS AK 73-81 FEB
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	.9	3.9	8.0	13.4	7.9	4.9	.7	.1		4[illegible].2	24.7
NNE	.3	1.2	3.1	6.1	6.9	7.3	2.1	.8	.3	.2		28.3	19.0
NE	.1	.3	.6	1.2	1.4	2.1	.4	.1				6.1	18.7
ENE	.1	.0	.1	.1	.0	.1						.4	10.1
E	.1	.0	.0	.1	.0	.0						.3	9.8
ESE	.0	.1	.1	.0	.0							.2	9.5
SE	.1	.2	.2	.2	.2	.3	.1	.1	.1			1.5	19.7
SSE	.1	.3	.6	1.0	.9	.8	.5	.0				4.1	17.1
S	.8	1.5	1.4	1.7	.6	.3	.0					6.3	9.9
SSW	.5	.8	.3	.2	.0	.0						1.9	6.0
SW	.4	.2	.1	.1	.1							.9	6.0
WSW	.2	.1	.1	.1								.4	5.4
W	.1	.1										.1	3.8
WNW		.0										.0	4.0
NW				.0	.0							.1	17.0
NNW	.0	.0		.1	.5	.2		.0				.9	19.1
VARBL													
CALM												8.3	
	2.8	5.2	7.4	14.8	18.6	24.5	11.0	5.9	1.1	.3		100.0	18.6

TOTAL NUMBER OF OBSERVATIONS 5443

USAFETAC FORM JUL 64 0-8-5 OLA 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)

STATION	STATION NAME	YEARS	MONTH
7 2172	TIN CITY AFS AK	73-81	MAR

CLASS	HOURS (LST)
ALL WEATHER	0000-0200

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.5	5.9	13.2	17.7	7.4	1.5				47.9	22.1
NNE	.4	1.7	1.8	5.3	6.7	8.8	3.1	2.3	.4			29.7	21.1
NE	.1	.1	.5	.2	.6							1.5	12.9
ENE				.4								.4	12.0
E	.1	.1	.6	.1								1.0	7.4
ESE													
SE	.4		.1	.6	.2	.2	.2					1.8	15.0
SSE	.1	.2	.5	1.6	2.0	1.1	.4					5.9	17.4
S	.1	.4	1.2	1.0	.6							3.3	11.3
SSW	.2			.4	.4							1.0	13.3
SW	.2	.1	.6	.1								1.1	6.9
WSW		.1										.1	4.0
W													
WNW													
NW		.1										.1	4.0
NNW	.1		.1	.4	.4	.1	.4					1.5	16.8
VARBL													
CALM												4.8	
#	1.8	2.9	7.0	15.9	24.1	28.0	11.5	3.8	.4			100.0	19.3

TOTAL NUMBER OF OBSERVATIONS 819

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

GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7[illegible]170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 0330-0500 (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		.4	1.7	4.1	13.6	18.2	6.9	1.9				47.[illegible]	2[illegible].4
NNE		.5	2.7	4.1	6.8	8.2	4.7	2.1	.2			[illegible]9.3	21.7
NE	.1	.2	.4	.6	.7	.6			.1			2.8	1[illegible].5
ENE		.1	.2									.4	7.[illegible]
E	.2		.5	.1								.9	7.1
ESE		.1										.1	4.[illegible]
SE	.2	.2	.5	.5	.9	.6						2.9	14.7
SSE	.2	.4	1.1	1.3	1.1	.7	.4					5.2	15.2
S	.4	.6	1.2	1.0	1.1	.1						4.4	11.3
SSW	.4	.1	.2									.7	4.3
SW		.2	.2	.5								1.0	9.3
WSW	.1		.1	.1								.4	7.3
W		.1	.1									.2	8.0
WNW				.1								.1	15.0
NW	.1											.1	1.0
NNW			.1	.1	.4	.4	.5					1.5	22.1
VARBL													
CALM												3.0	
	1.8	3.0	9.1	12.7	24.6	28.8	12.5	4.0	.4			100.0	19.7

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM JUL 64 [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 1170 TIN CITY AFS AK 73-81 MAR
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	.2	.9	1.0	6.0	12.2	19.6	7.9	1.2	.4			49.1	22.4
NNE	.1	.6	2.6	3.4	6.6	8.0	4.4	1.9	.2			27.9	21.8
NE	.2	.4	.4	.6	.7	.9			.1			3.3	16.4
ENE		.1	.4									.5	8.3
E			.2									.2	10.0
ESE		.1	.1									.2	7.5
SE		.5	.1	.1	.1		.4					1.2	14.7
SSE	.4	1.1	.7	1.1	1.2	1.1	.2	.2				6.1	15.1
S	.4	.6	1.6	1.3	1.0	.4						5.2	11.7
SSW	.4	.2	.1	.4	.1							1.2	6.0
SW	.2	.5	.2	.2								1.2	6.6
WSW		.1	.1	.1		.2						.6	14.2
W													
WNW													
NW													
NNW				.4	.2	.9	.1					1.6	21.5
VARBL													
CALM												1.6	
	1.9	5.1	7.5	13.6	22.0	31.0	13.0	3.4	.7			100.0	20.0

TOTAL NUMBER OF OBSERVATIONS 822

USAFETAC FORM JUL 64 0945 OLVA 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 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 900-1100 (HOURS (LST))

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.4	1.5	6.6	12.9	18.3	5.6	2.1				47.5	22.1
NNE	.1		1.3	4.1	6.7	9.8	4.1	2.4	.1			28.8	22.6
NE	.2	.5	.1	.6	.4	.5		.1	.2			2.7	16.9
ENE		.2	.1	.4								.7	9.8
E	.2											.2	3.0
ESE			.1	.1								.2	11.5
SE	.6			.1		.1	.2					1.1	12.3
SSE	.2	.9	.2	1.0	.6	1.1	.2					4.3	15.3
S	.4	1.1	1.1	2.2	.7	.6						6.1	12.0
SSW	.2	.6	.1	.6	.2	.1						1.9	10.8
SW		.2	.1	.4	.1	.1						1.0	12.5
WSW		.1	.1		.1							.4	10.7
W			.1									.1	7.0
WNW													
NW													
NNW	.1			.2	.2	.2	.2					1.1	19.6
VARBL													
CALM												3.9	
	2.2	4.0	5.0	16.3	22.0	31.0	10.7	4.6	.4			100.0	19.7

TOTAL NUMBER OF OBSERVATIONS 823

USAFETAC FORM JUL 64 5-8-5 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 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

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

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.9	5.5	13.7	19.0	5.6	1.7				47.4	21.9
NNE		1.7	1.2	3.0	9.7	8.1	4.7	2.0	.1			29.9	21.9
NE	.2	.2	.1	.7	.6	.9	.1					3.0	16.9
ENE				.1								.1	12.0
E	.1	.1										.2	2.5
ESE	.1				.2							.4	13.3
SE		.1	.4	.1	.2							.9	11.9
SSE	.4	.4	.5	.6	1.2	1.2	.2					4.6	16.2
S	.1	.9	1.5	1.5	.9	.6						5.5	12.5
SSW	.2	.1	.6	1.1		.1						2.2	11.4
SW	.1	.1	.2	.1	.2							.9	11.0
WSW		.1	.1									.2	6.5
W			.1									.1	8.0
WNW		.1										.1	5.0
NW			.1									.1	9.0
NNW			.1	.1	.2	.4	.1					1.0	20.5
VARBL													
CALM												5.2	
	1.5	3.9	7.0	13.0	26.4	30.3	10.8	3.7	.1			100.0	19.6

TOTAL NUMBER OF OBSERVATIONS 802

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 117 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS) 1500-1700 (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		.7	1.4	5.0	13.3	18.3	6.2	1.6				46.5	22.1
NNE	.1	1.0	2.0	3.0	9.2	8.1	4.5	1.8	.3			30.0	21.5
NE	.1	.3	.3	.7	1.3	2.4	.4	.1				5.7	20.1
ENE		.1	.1									.3	6.5
E			.1									.1	10.0
ESE													
SE	.1	.1	.1	.3	.7	.1						1.0	14.7
SSE		.4	.4	1.0	1.6	.7						4.1	16.1
S		.3	1.4	1.3	.4	.4	.1	.3				4.2	14.9
SSW	.3	.6	.3	1.3	.1							2.5	9.9
SW		.1										.1	4.0
WSW													
W	.1	.1										.3	4.5
WNW		.1										.1	6.0
NW				.1								.1	15.0
NNW		.1	.4	.3	.4	.1						1.4	14.3
VARBL													
CALM												2.8	
	.8	4.1	6.7	12.9	27.1	30.2	11.3	3.8	.3			100.0	14.9

TOTAL NUMBER OF OBSERVATIONS 706

USAFETAC FORM JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 .170	TIN CITY AFS AK	73-81	MAR

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

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		.7	1.0	5.3	13.5	16.4	7.8	2.8	.2			48.7	22.6
NNE	.5	1.7	3.2	3.0	7.3	8.8	4.0	1.5	.2			30.1	20.5
NE	.2	.3	.2	.3	1.8	2.0	.2	.5	.2			5.7	21.5
ENE	.2				.2							.3	11.0
E			.2	.2								.3	10.5
ESE			.2	.2								.3	11.0
SE		.5			.7	.2						1.2	10.1
SSE		.2	.7	1.5	.3	.3						3.0	14.4
S	.2		1.7	.7	.7	.3	.2					3.7	13.5
SSW	.2	.3	.5		.2							1.2	7.6
SW	.3	.2										.5	2.7
WSW		.2										.2	5.0
W													
WNW	.2											.2	3.0
NW	.2											.2	3.0
NNW		.2	.5	.2	.8	.5			.2			2.3	18.1
VARBL													
CALM												2.2	
	1.7	4.0	8.0	12.4	25.5	28.5	12.2	4.8	.7			100.0	20.2

TOTAL NUMBER OF OBSERVATIONS 599

USAFETAC FORM JUL 64 5484 OLDA 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)

STATION	STATION NAME	YEARS	MONTH
7 .175	TIN CITY AFS AK	73-81	MAR

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	.3	1.5	6.1	14.2	17.4	6.4	1.5	.1			47.9	21.8
NNE	.3	.5	2.3	4.6	8.1	6.1	4.6	2.3	.3			29.2	21.3
NE	.1		.4	.9	.9	.8						3.3	16.6
ENE	.1			.3								.4	9.0
E			.5									.5	7.8
ESE				.4								.4	13.3
SE	.1	.1	.1	.3	.7	.5	.1					2.0	17.8
SSE		.3	.7	1.4	1.2	.9						4.5	16.4
S	.4	.7	1.4	1.2	.4	.3						4.3	10.6
SSW	.1	.4	.1	.7		.1						1.5	11.0
SW			.1									.1	7.0
WSW	.1	.1										.3	3.0
W		.1										.1	4.0
WNW													
NW													
NNW				.1	.8	.5	.1	.3				1.9	23.6
VARBL													
CALM												3.5	
	1.8	2.6	7.2	16.0	26.5	26.7	11.3	4.1	.4			100.0	19.5

TOTAL NUMBER OF OBSERVATIONS 737

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 4172 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
MAR — 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	.5	1.4	5.7	13.2	18.2	6.8	1.8	.1			47.7	22.2
NNE	.2	.3	2.1	3.8	7.6	8.3	4.3	2.1	.2			29.3	21.6
NE	.2	.3	.3	.6	.8	.9	.1	.1	.1			3.4	17.9
ENE	.0	.1	.1	.1	.0							.3	9.3
E	.1	.0	.3	.0								.5	7.2
ESE	.0	.0	.0	.1	.0							.2	11.1
SE	.2	.2	.2	.3	.4	.2	.1					1.6	14.9
SSE	.2	.5	.6	1.2	1.2	.9	.2	.0				4.8	15.9
S	.2	.6	1.4	1.3	.7	.3	.0	.0				4.5	12.1
SSW	.3	.3	.2	.6	.1	.0						1.5	10.0
SW	.1	.2	.2	.2	.0	.0						.8	8.5
WSW	.0	.1	.1	.0	.0	.0						.3	9.0
W	.0	.0	.0									.1	6.3
WNW	.0	.0		.0								.1	7.3
NW	.0	.3	.0	.0								.1	6.4
NNW	.0	.0	.1	.2	.4	.4	.2	.0	.0			1.5	20.0
VARBL													
CALM												3.2	
	1.7	3.7	7.2	14.1	24.7	29.4	11.7	4.0	.4			100.0	19.7

TOTAL NUMBER OF OBSERVATIONS 6130

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 1170 TIN CITY AFS AK 73-81 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.4	1.6	7.5	10.2	16.2	4.4	.8				41.2	21.0
NNE	.1	1.3	2.3	5.0	5.1	7.1	1.8					22.7	18.2
NE	.5	.6	1.3	1.5	.9	.9	.8					6.4	14.7
ENE	.1	.1	.1									.4	6.0
E	.3		.1	.3								.6	7.8
ESE	.4	.1										.5	3.5
SE	.1	.5	.6	.8	.3	.4						2.6	11.9
SSE	.5	.3	.6	2.0	1.0	1.4	.1					5.9	15.3
S	.6	.9	.8	1.1	.6	.8						4.8	12.0
SSW	.8	.5	.6	.9	.5							3.3	9.4
SW	.4		.4	.8								1.5	9.3
WSW		.1		.1								.3	8.0
W			.1	.1								.3	10.0
WNW				.1								.1	13.0
NW													
NNW		.3	.4	.9	.8	1.0						3.3	16.7
VARBL													
CALM												6.3	
	4.0	5.0	8.9	21.1	19.3	27.7	7.0	.8				100.0	16.7

TOTAL NUMBER OF OBSERVATIONS 798

USAFETAC FORM JUL 64 0-8-5 OLVA 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 17 TIN CITY AFS AK 73-81 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER 0300-0500
CLASS HOURS (LST)

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	.3	.9	1.4	6.3	9.8	16.9	3.8	1.0	.3			4[illegible].5	21.3
NNE		1.8	2.6	4.4	6.6	6.9	1.8					24.1	18.[illegible]
NE	.3	.4	1.3	2.5	.6	1.1	.3					6.4	14.6
ENE		.3	.1	.4								.8	9.3
E	.1	.1	.1	.3								.6	9.2
ESE		.4	.1									.5	5.8
SE		.5	.6	.5	.1	.1						1.9	10.6
SSE	.5	.4	.4	2.3	1.5	.9	.1					6.0	14.9
S	.6	1.1	1.1	.9	1.3	.5						5.5	11.8
SSW	.5	.5	.3	.8	.5	.3						2.8	11.[illegible]
SW	.1		.4	.3								.8	9.5
WSW				.3								.3	13.5
W		.1										.1	5.[illegible]
WNW													
NW			.1	.1								.3	1[illegible].[illegible]
NNW		.1	.3	.5	.9	.5	.3					2.5	17.9
VARBL													
CALM												7.1	
	2.4	6.5	8.8	19.3	21.3	27.2	6.1	1.0	.3			100.0	16.7

TOTAL NUMBER OF OBSERVATIONS 798

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 .170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 0600-2800 (HOURS LST)

(CONDITION)

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.3	2.3	5.3	8.6	16.5	4.1	1.3	.3			38.8	21.2
NNE	.1	1.3	2.6	4.1	7.3	8.9	1.8					25.3	19.1
NE	.4	.6	.9	3.0	.5	.5						5.9	12.3
ENE	.1	.1	.3	.3								.8	8.7
E	.3			.1								.4	5.3
ESE	.4	.4	.1									.9	4.1
SE	.1	.1	.9	.1	.6	.4						2.3	13.3
SSE	.6	.5	.9	1.5	1.6	1.8	.3					7.1	15.8
S	.3	.8	.6	1.0	1.5	.6						4.8	13.7
SSW	.5	.1	.5	.8	.9	.3						3.3	12.9
SW			.5	.1								.6	9.6
WSW	.1	.1										.3	4.0
W	.1	.3	.4									.8	5.7
WNW	.1											.1	2.0
NW		.1										.1	4.3
NNW		.1	.4	.4	1.0		.1					2.3	15.6
VARBL													
CALM												6.4	
	3.4	4.5	10.3	16.7	22.1	28.9	6.3	1.3	.3			100.3	17.3

TOTAL NUMBER OF OBSERVATIONS 798

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 4170	TIN CITY AFS AK	73-81	APR
STATION	STATION NAME	YEARS	MONTH

ALL WEATHER — CLASS

0900-1100 — HOURS (LST)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.5	3.0	5.3	10.9	15.2	2.8	1.6				37.4	20.8
NNE	.1	1.7	2.3	4.0	5.4	8.9	2.6	.3				24.6	19.6
NE	.1	.5	.9	2.9	1.8	.6	.1					6.9	14.5
ENE	.1	.4	.1									.6	5.0
E		.1										.1	4.0
ESE		.1		.1								.3	9.0
SE	.1	.4	.3	.6	.3	.3						1.9	12.5
SSE	.5	.9	1.1	2.3	1.1	1.0	.9					7.8	16.1
S	.3	.8	.4	1.8	2.0	.8	.3					6.1	15.2
SSW	.8	.6	.1	.4	.6	.3						2.3	10.8
SW	.1	.4	.4	.4	.1	.1						1.5	10.0
WSW	.7	.3	.1	.4	.3							1.3	9.4
W	.3	.3	.3									.8	6.0
WNW	.1											.1	2.0
NW													
NNW			.1	.1	.6	.1		.4				1.4	23.5
VARBL													
CALM												4.5	
	2.9	6.1	9.0	18.2	23.1	27.2	6.6	2.3				100.3	17.4

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 5170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1200-1400 (HOURS (LST))

(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	1.1	1.5	5.3	11.5	15.7	2.5	.5				38.5	20.6
NNE	.5	1.5	2.1	4.4	5.2	8.2	3.0	.5				25.5	19.1
NE	.1	.9	.9	2.4	2.7	1.0						7.8	15.[illegible]
ENE	.3	.3	.3	.1								.9	5.4
E		.1		.1								.3	9.[illegible]
ESE		.1		.3	.1							.5	11.8
SE		.3	.5	.1		.4	.1					1.4	14.5
SSE	.3	.5	.9	1.5	1.8	.8	.4	.4				6.4	16.7
S	.1	1.3	1.4	1.6	1.6	.9						6.9	13.5
SSW	.3	.5	.3	.3	1.1	.5						2.9	14.8
SW	.4	.3	.1	.5	.4							1.6	10.5
WSW	.1	.5	.1	.5								1.3	8.8
W	.3		.3									.5	5.8
WNW													
NW	.1											.1	2.[illegible]
NNW			.4	.6	.3		.3					1.5	17.[illegible]
VARBL													
CALM												4.[illegible]	
	2.5	7.[illegible]	8.7	17.8	24.6	27.4	6.3	1.4				100.[illegible]	17.3

TOTAL NUMBER OF OBSERVATIONS 792

USAFETAC FORM JUL 64 DATE DUE 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 .170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
APR — MONTH

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

CONDITION

SPEED KNTS DIR	1 - 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	2.4	5.2	10.7	12.3	2.8					34.1	20.0
NNE	.1	1.2	2.8	4.9	8.6	7.1	2.7	.1				27.5	18.6
NE	.4	.4	1.2	2.2	1.8	1.5	.6					8.1	15.6
ENE		.1	.3									.4	7.7
E	.1	.1										.3	2.5
ESE					.1							.1	18.0
SE	.3	.1	.4	.4		.1	.4					1.9	14.6
SSE	.3	.4	1.3	1.6	1.6	.4	.7	.1				6.7	16.2
S	.3	.7	1.5	1.6	1.9	.4	.3	.1				7.0	14.2
SSW		.9	1.0	.1	1.2	.3						3.6	12.3
SW	.1	.1		.6	.1							1.0	10.9
WSW	.1	.1	.1	.4	.3							1.2	11.5
W	.1	.3										.4	4.0
WNW													
NW				.1								.1	15.0
NNW		.4	.1	.6	.4			.1				1.8	14.4
VARBL													
CALM												5.6	
	2.1	5.2	11.3	17.9	26.8	22.2	7.6	.6				100.0	16.6

TOTAL NUMBER OF OBSERVATIONS 675

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-76,78-81 (YEARS) APR (MONTH)

ALL WEATHER (CLASS) 1300-2000 (HOURS (LST))

(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	.2	.7	1.1	5.1	9.9	13.6	1.8					32.5	20.2
NNE		.2	2.4	7.2	9.7	6.1	3.1					28.7	19.2
NE	.2	.6	2.9	2.2	1.8	1.8	.2					9.7	14.5
ENE	.2	.2		.2	.2							.7	9.3
E													
ESE	.2											.2	3.3
SE	.4	.4	.6	.6	.2	.4	.2					2.6	12.5
SSE	.7	.7	1.1	2.2	.7	1.1	1.1					7.7	15.2
S	.4	.6	1.3	2.0	.9	1.5						6.6	13.8
SSW		.4	.4	.4	.7	.2						2.0	14.9
SW	.2			.2	.9							1.3	15.4
WSW	.4		.4	.4								1.1	6.7
W	.2	.2	.2	.4								.9	8.4
WNW													
NW													
NNW			.4	.6	.6	.2						1.7	15.1
VARBL													
CALM												4.2	
	2.9	3.9	10.7	21.3	25.7	24.8	6.4					100.0	16.9

TOTAL NUMBER OF OBSERVATIONS 594

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 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) APR (MONTH)

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.7	1.9	6.3	11.3	12.7	2.9	.6				36.4	20.4
NNE	.1	.7	2.3	6.6	6.7	8.6	2.3					27.5	18.9
NE	.3	.7	1.5	1.9	.6	1.0	.1					6.1	13.4
ENE		.1	.3	.1								.6	9.5
E													
ESE			.1									.1	8.0
SE	.4	.4	.4	.4		.1						1.9	9.0
SSE	.4	.6	.9	1.6	1.2	1.8	.4					6.9	16.1
S	1.0	1.0	1.3	1.8	.6	.4						6.1	10.5
SSW	.3	.3	.4	.9	.6							2.5	11.6
SW	.1		.4	.6	.3							1.2	11.6
WSW	.1			.4								.6	9.5
W	.3	.1	.4	.3	.1							1.3	8.1
WNW	.3				.1							.4	6.3
NW													
NNW		.1	.1	.4	.7	.7	.3					2.5	19.5
VARBL													
CALM												5.6	
	3.5	5.0	10.2	21.3	22.2	25.4	6.1	.6				100.0	16.5

TOTAL NUMBER OF OBSERVATIONS 684

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 1171 TIN CITY AFS AK 73-81 APR
STATION STATION NAME YEARS MONTH

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

CONDITION

[illegible]	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	1.9	5.8	10.3	15.0	3.2	.8	.1			38.[illegible]	2[illegible].6
NNE	.2	1.1	2.4	5.0	6.7	7.8	2.3	.1				25.6	18.8
NE	.3	.6	1.3	2.3	1.3	1.0	.3					7.1	14.4
ENE	.1	.2	.2	.1	.0							.0	7.6
E	.1	.1	.0	.1								.3	7.1
ESE	.1	.2	.1	.1	.0							.4	6.7
SE	.2	.3	.5	.4	.2	.3	.1					2.0	12.3
SSE	.5	.5	.9	1.9	1.3	1.1	.5	.1				6.8	15.7
S	.4	.9	1.0	1.4	1.3	.7	.1	.0				5.9	13.2
SSW	.4	.5	.4	.6	.8	.2						2.9	12.0
SW	.2	.1	.3	.4	.2	.0						1.2	10.8
WSW	.1	.2	.1	.3	.1							.7	9.4
W	.2	.2	.2	.1	.0							.6	6.8
WNW	.1			.0	.0							.1	7.0
NW	.0	.0	.0	.0								.1	8.2
NNW		.1	.3	.5	.7	.3	.1	.1				2.1	17.4
VARBL													
CALM												5.5	
	3.0	5.6	9.7	19.1	23.0	26.5	6.6	1.0	.1			100.0	16.9

TOTAL NUMBER OF OBSERVATIONS 5886

USAFETAC FORM [illegible] 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 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
MAY — MONTH
ALL WEATHER — CLASS
0000-0200 — 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	.9	3.0	7.7	11.3	9.6	2.9	.1				35.8	18.9
NNE	.7	.9	2.2	11.7	10.0	7.2	.9					33.5	17.1
NE	.1	.7	1.1	2.6	1.9	1.2						7.7	14.6
ENE		.4	.2									.6	6.0
E	.2	.2	.2	.1								.9	6.6
ESE		.1	.1									.2	7.0
SE		.2	1.0	.2	.4							1.8	10.7
SSE	.4	1.2	1.0	1.3	.1							4.0	8.8
S	.1	.9	.9	.9	.6	.4						3.7	11.3
SSW	.2	.2	.6	.7	.5							2.3	11.1
SW	.1	.5	.4	.2	.4							1.6	9.8
WSW		.1		.1								.2	10.6
W	.1			.1								.2	8.0
WNW													
NW		.1										.1	4.0
NNW		.1	.1	.6	1.0	.1	.1					2.1	17.1
VARBL													
CALM												5.2	
	2.3	6.6	10.8	26.3	26.2	18.5	3.9	.1				100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 621

USAFETAC FORM JUL 64 0-8-4 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
MAY — MONTH

ALL WEATHER — CLASS
0300-2506 — 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	.6	2.4	7.8	10.2	11.5	1.9	.1				34.9	14.3
NNE	.5	.4	2.3	11.2	10.3	7.7	1.0					33.2	17.6
NE	.7	1.1	1.3	2.6	1.4	1.3						8.5	13.2
ENE		.5		.1								.6	6.4
E		.2	.2									.5	6.3
ESE		.1	.2									.4	7.7
SE	.1	.7	.6	.6	.5							2.5	10.2
SSE	.5	.4	.6	1.0	.4							2.8	9.8
S	.5	1.0	1.0	.8	.5	.2	.1					4.1	10.3
SSW	.2	.6	.5	.8	.4							2.5	10.0
SW		.2	.5	.2	.5	.1						1.6	12.5
WSW			.1		.1							.2	13.0
W													
WNW													
NW	.1	.1		.1								.4	6.7
NNW		.1	.7	1.1	1.0	.2						3.1	14.2
VARSL													
CALM												4.8	
	3.0	6.0	10.4	26.4	25.2	21.1	3.0	.1				100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 834

USAFETAC FORM JUL 64 7-8-5 OL-A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAC

SURFACE WINDS

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

7 .17 TIN CITY AFS AK 73-81 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER 0600-0800
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	3.0	7.1	10.9	11.5	2.9					36.3	19.2
NNE	.2	1.0	2.9	9.7	8.5	9.2	.2					31.8	17.4
NE	.2	.3	1.9	1.7	1.2	1.2						7.1	13.5
ENE	.2	.6	.4	.1								1.3	6.5
E	.2		.1									.4	4.0
ESE			.1									.1	10.0
SE	.1	.5	.7	1.2	.5							3.0	11.0
SSE	.1	.7	.7	.7	.6							2.9	11.0
S	.8	.7	1.1	.6	1.2	.1						4.6	10.5
SSW	.2	1.1	.4	.4								2.0	6.8
SW	.1	.5	.4	.4	.2							1.6	9.6
WSW		.2	.1	.1	.1	.1						.7	12.2
W	.1											.1	3.0
WNW													
NW			.2	.4								.6	11.5
NNW		.5	.2	1.4	.2	.2	.1					2.5	13.3
VARBL													
CALM												4.8	
	2.5	7.6	12.2	23.7	23.5	22.4	3.2					100.0	15.5

TOTAL NUMBER OF OBSERVATIONS 834

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)

[illegible] TIN CITY AFS AK — 73-81 — MAY
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	.4	.6	1.3	6.7	10.8	10.5	3.6					33.9	20.0
NNE	.5	1.1	2.4	9.4	8.3	7.8	1.8					31.2	17.9
NE	.1	.7	2.4	1.0	1.6	1.3	.2					7.3	14.7
ENE		.1		.2								.4	10.3
E			.1	.1								.2	12.0
ESE	.1	.1										.2	4.5
SE	.1	.6	.5	1.4	.1							2.6	10.2
SSE	.7	.7	.7	1.0	.6	.1						3.8	10.5
S	.6	.6	1.6	1.6	.4	.1						4.8	10.0
SSW	.5	.7	1.2	.8								3.2	8.1
SW	.4	.5	1.1	.4								2.3	8.1
WSW	.5	.2		.1	.1							1.0	6.4
W		.1										.1	4.0
WNW													
NW			.5	.2	.1	.1	.1					1.1	15.3
NNW	.1	.4	1.0	.8	.4							2.6	10.8
VARBL													
CALM												5.1	
	3.9	6.5	12.7	23.8	22.2	20.0	5.7					100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 836

USAFETAC FORM JUL 64 [illegible] 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)

STATION	STATION NAME	YEARS	MONTH
7 [illegible]17[illegible]	TIN CITY AFS AK	73-81	MAY

CLASS: ALL WEATHER

HOURS (LST): 1200-1400

CONDITION:

SPEED KNTS / DIR	1 - 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	.6	1.7	7.8	10.3	10.3	2.8	.2				34.1	19.5
NNE	.4	2.0	2.2	7.7	8.0	9.5	2.0					31.6	16.1
NE	.1	.5	2.2	.8	1.3	1.1	.4					6.4	14.7
ENE	.2	.4	.1		.1							.8	6.3
E	.1	.2										.4	4.0
ESE	.1	.1										.2	4.0
SE		.4	.7	.6	.4							2.0	10.2
SSE	.4	.2	.7	1.4	.8							3.5	11.3
S	.4	.7	1.4	1.8	1.2							5.5	11.4
SSW	.5	1.0	.5	.7	.1							2.8	8.1
SW	.6	.4	1.4	.6								3.0	7.8
WSW	.1	.2										.4	4.7
W	.1	.1										.2	3.5
WNW	.1											.1	2.0
NW		.1		.2		.1	.1					.6	16.8
NNW		.1	1.3	1.0	.6	.2						3.2	13.[illegible]
VARBL													
CALM												4.9	
	3.5	7.1	12.2	22.7	22.9	21.2	5.3	.2				100.0	15.7

TOTAL NUMBER OF OBSERVATIONS 634

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 1170 (STATION) TIN CITY 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		.5	1.5	7.9	13.0	9.2	3.2					35.4	19.5
NNE	.7	1.7	3.0	5.2	10.0	9.9	1.1					31.8	17.9
NE	.5	.4	1.6	1.5	1.4	1.6	.2					7.2	15.[illegible]
ENE			.2	.1								.4	9.7
E			.1									.1	9.0
ESE			.1	.1								.2	9.0
SE		.6	.4	.1	.1							1.2	8.7
SSE		.6	.9	1.2	1.1	.1						4.0	12.8
S	.1	1.1	1.1	2.0	1.2							5.6	11.7
SSW	.2	1.4	.9	1.0	.5							4.0	9.0
SW	.4	.9	.5	.2	.1							2.1	7.2
WSW	.2	.7	.1									1.1	4.7
W	.1	.2	.1									.5	4.3
WNW		.1										.1	6.0
NW	.1		.1			.1						.4	11.0
NNW		.4	.5	.7	.7	.1	.1					2.6	14.2
VARBL													
CALM												3.3	
	2.5	8.7	11.2	20.2	28.3	21.1	4.7					100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 606

USAFETAC FORM 1 JUL 64 [illegible] 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 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS LST)

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.7	.7	2.1	9.3	11.1	8.0	2.1	.3				34.3	10.4
NNE	.1	.9	3.0	7.5	10.4	9.3	1.4					32.6	18.2
NE		.7	1.6	2.8	2.1	1.1	.6					9.0	15.4
ENE			.3	.1								.4	10.0
E			.6	.1								.7	8.8
ESE	.1	.1										.3	3.5
SE	.1	.4	.3	.9								1.7	10.0
SSE	.1	.1	.7	2.1	.6	.1						3.9	13.1
S	.4	1.6	.9	1.6	1.3							5.7	10.8
SSW	.4	.7	.6	1.1	.1							3.0	9.8
SW	.4	.7	.1	1.3								2.6	9.1
WSW		.1	.1									.3	5.5
W													
WNW													
NW			.1									.1	7.0
NNW		.1	.1	.1	.7	.3						1.4	16.9
VARBL													
CALM												4.0	
	2.6	6.3	10.5	27.1	26.4	18.8	4.1	.3				100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 702

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
117	TIN CITY AFS AK	73-5	MAY

CLASS: ALL WEATHER

HOURS (LST): 1100-2300

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	.7	.4	2.8	7.6	7.6	9.2	2.1	.3				[illegible]	18.6
NNE	.7	1.0	3.3	13.1	11.2	9.6	.8					30.6	17.4
NE		.6	2.1	2.5	2.5	1.[illegible]						8.5	14.5
ENE	.1	.3	.0		.1							1.4	0.3
E			.1	.4								.0	12.3
ESE	.1			.1								.3	0.5
SE	.4	.3	.4	.6	.4							2.1	9.9
SSE	.3	.4	.4	2.1	.3							3.4	10.0
S	.4	.4	1.1	1.7	.8							4.4	11.4
SSW	.8	.4	1.1	1.4								3.7	8.4
SW		.3	.4	.4	.3							1.4	11.3
WSW		.1	.1									.3	7.5
W													
WNW	.1											.1	2.[illegible]
NW	.1											.1	2.[illegible]
NNW		.1	.1	.6	.6	.4						1.8	16.[illegible]
VARBL													
CALM												4.7	
	3.9	4.3	12.8	27.3	23.7	20.2	2.9	.3				[illegible]	15.4

TOTAL NUMBER OF OBSERVATIONS 726

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 1177 TIN CITY AFS AK 73-81 MAY
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (LST)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.7	2.2	7.7	10.7	10.2	2.7	.1				34.5	19.2
NNE	.5	1.1	2.6	9.1	9.5	8.7	1.2					32.3	17.7
NE	.2	.7	1.8	1.9	1.7	1.2	.2					7.7	14.4
ENE	.1	.3	.3	.1	.0							.7	7.5
E	.1	.1	.2	.1								.5	7.6
ESE	.1	.1	.1	.0								.3	6.4
SE	.1	.5	.6	.7	.3							2.2	10.2
SSE	.3	.6	.7	1.3	.6	.0						3.5	11.1
S	.4	.9	1.1	1.3	.9	.1	.0					4.3	10.9
SSW	.4	.8	.7	.9	.2							2.9	6.8
SW	.3	.5	.6	.5	.2	.0						2.0	9.1
WSW	.1	.2	.1	.0	.0	.0						.5	7.4
W	.1	.1	.0	.0								.2	4.7
WNW	.0	.0										.0	3.3
NW	.0	.0	.1	.1	.0	.0	.0					.4	12.4
NNW	.0	.2	.5	.8	.6	.2	.0					2.5	14.0
VARBL													
CALM												4.5	
	3.0	6.6	11.6	24.6	24.8	20.5	4.1	.1				100.0	15.6

TOTAL NUMBER OF OBSERVATIONS 6393

USAFETAC FORM JUL 64 TARRY DUKA PREV. USE 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)

STATION	STATION NAME	YEARS	MONTH
7[illegible]17[illegible]	TIN CITY AFS AK	73-81	JUN

CLASS: ALL WEATHER

HOURS (LST): 0000-2200

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	.3	1.1	1.8	8.0	5.5	1.6						18.3	15.2
NNE	1.2	2.4	4.4	7.3	5.5	2.8						23.5	13.6
NE	.1	.4	1.6	1.2	.3	.1						3.7	10.8
ENE	.3	.3	.1									.7	5.0
E	.1		.3									.4	6.3
ESE													
SE	.3	.4	.3	.1								1.1	6.9
SSE	.5	1.5	1.8	1.7	1.3	.3						7.1	11.1
S	.8	4.[illegible]	4.9	4.1	2.5	.7						16.9	10.8
SSW	1.3	2.4	2.2	2.6	.3	.1						9.0	8.5
SW	.4	1.5	2.4	.9	.1							5.3	8.1
WSW	.3	1.6	1.5	.4								3.7	7.2
W	.4	.3	.7	.1								1.5	6.6
WNW													
NW			.1									.1	7.0
NNW		.1	.1	.3	.1							.7	12.6
VARBL													
CALM												0.2	
	5.9	15.7	22.2	26.8	15.7	5.5						100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 758

USAFETAC FORM JUL 64 [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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73-81	JUN

CLASS: ALL WEATHER

HOURS (L S T): 0300-0500

CONDITION:

SPEED (KNTS) DIR	1 - 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	6.5	5.7	2.2	.1	.1				16.9	16.4
NNE	.8	2.9	5.0	7.2	5.1	2.0						23.0	13.0
NE	.3	1.4	1.1	1.3	.5	.1						4.7	9.9
ENE	.3		.4									.6	5.8
E	.3		.1									.4	4.0
ESE	.1	.1										.3	3.5
SE	.3	.3	.4	.5	.3							1.7	9.8
SSE	.9	.9	2.7	1.5	.9							6.9	10.0
S	1.9	4.3	6.5	4.3	2.6	.4						20.1	9.8
SSW	.9	1.4	2.7	2.3	.6	.4						8.3	10.0
SW	.5	1.3	.8	1.7	.3	.1						4.6	9.4
WSW	.4	1.3	.6	1.1								3.2	8.1
W	.1	.1	.5									.8	7.0
WNW													
NW													
NNW		.1	.3	.1								.5	9.0
VARBL													
CALM												8.2	
	6.6	14.4	22.6	26.6	16.0	5.2	.1	.1				100.0	10.7

TOTAL NUMBER OF OBSERVATIONS 783

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JAN — MONTH

ALL WEATHER — CLASS
0600-0800 — HOURS (LST)

CONDITION

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	.5	1.9	4.8	6.5	2.[illegible]	.3					16.2	16.3
NNE	.5	2.9	3.2	7.1	3.7	2.3						19.7	13.3
NE	1.0	1.1	1.0	1.3	.5	.8						5.7	10.4
ENE		.3	.1	.3								.6	8.[illegible]
E	.1											.1	3.0
ESE			.3									.3	7.5
SE	.1	.4	.4	.3	.1							1.3	8.9
SSE	.4	1.6	2.0	2.3	1.1	.5	.1					8.1	11.5
S	1.5	3.7	5.1	5.5	2.0	1.0	.1					18.9	10.7
SSW	1.3	1.6	4.6	1.8	.6	.1						10.0	8.7
SW	.6	.5	1.5	2.0	.6							5.3	10.8
WSW	.3	.9	.6	.5	.1	.1	.1					2.7	10.3
W	.6	.5	.1	.1								1.4	4.8
WNW			.1									.1	10.0
NW		.1										.1	4.0
NNW			.3	.8								1.0	12.6
VARBL													
CALM												3.4	
	6.7	14.[illegible]	21.2	26.6	15.4	6.9	.6					100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 2170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JUN — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (LST)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.7	1.6	6.8	5.7	2.5						17.9	15.7
NNE	.4	1.6	5.1	5.2	3.5	2.7	.4					18.2	13.6
NE	.1	.8	.4	.9	.6	.4						3.2	12.8
ENE		.1	.3									.4	6.0
E		.1		.1								.3	10.0
ESE	.1		.1									.3	6.5
SE	.4	.8	.4	.1	.4							2.0	8.1
SSE		.8	3.9	3.0	.8	.6						9.1	11.8
S	1.4	2.7	5.2	7.1	2.1	.9						19.3	11.2
SSW	.5	1.6	4.3	3.3		.1						9.8	9.4
SW	.8	2.3	1.8	1.8	.3							6.8	8.1
WSW	.6	1.6	.9	.9	.1	.1						4.3	7.8
W		.8	.9	.1								1.8	7.0
WNW	.1											.1	2.0
NW				.3	.1	.1						.5	16.8
NNW			.5	.9	.1							1.5	12.1
VARBL													
CALM												4.5	
	4.7	14.1	25.3	30.4	13.8	6.8	.4					100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 792

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATTN WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 217C — TIN CITY AFS AK — 73-81 — JUN

STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400

CLASS — HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.4	2.2	6.6	6.9	2.6						19.9	15.7
NNE	.3	1.5	3.2	4.9	2.2	2.8	.3					15.1	14.5
NE		.6	.3	.9	.6	.3						2.7	12.9
ENE		.1	.1	.1								.4	9.3
E					.1							.1	18.0
ESE			.1									.1	7.0
SE	.1		.3	.6								1.0	10.5
SSE	.3	1.8	2.3	3.1	.6	.5						8.6	10.9
S	.4	1.9	3.8	8.1	2.2	.8						17.1	12.2
SSW	1.5	2.2	4.1	3.5	.4	.3						11.9	9.0
SW	.9	2.9	2.6	2.8	.4							9.6	8.5
WSW	1.2	.9	2.2	.9		.1						5.2	7.7
W	.4	1.0	.9	.1								2.4	6.2
WNW				.1	.1	.1						.4	19.3
NW			.1	.3								.4	12.0
NNW			.9	.4	.1							1.4	10.3
VARBL													
CALM												3.6	
	5.2	14.5	23.0	32.4	13.7	7.4	.3					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73-81	JUL

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) / DIR	1 - 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	1.9	7.1	7.1	2.7						19.2	16.4
NNE		1.3	3.6	5.7	3.9	3.6	.2					18.3	15.6
NE		.5	1.1	.6	.2	.2						2.6	10.4
ENE													
E				.2								.2	12.0
ESE	.2											.2	2.0
SE	.2	.2	.8	.5								1.6	8.6
SSE	.2	.9	2.2	2.7	.9	.5	.2					7.6	12.7
S	.8	3.1	4.3	8.5	1.4	.9						19.1	11.2
SSW	1.7	1.6	3.3	3.0	.6							10.2	9.1
SW	1.7	1.6	2.2	2.2	.6							8.3	8.5
WSW	.8	2.2	1.4	.8	.3							5.5	7.4
W	.2	.5	1.3	.8	.2							2.8	9.1
WNW		.2			.3							.5	14.0
NW			.2									.2	10.0
NNW		.2	.3	.5								.9	11.2
VARBL													
CALM												3.0	
	5.8	12.4	22.5	32.4	15.6	7.9	.3					100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 635

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 2170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JUN — MONTH

ALL WEATHER — CLASS
1300-2000 — HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	.8	5.5	8.0	2.5						17.0	17.3
NNE	.4	.8	4.5	8.0	4.3	3.3						21.3	14.5
NE	.2	1.0	1.2	.6	.4	.6						3.9	11.2
ENE		.2	.4									.6	8.0
E	.2											.2	2.0
ESE													
SE	.4	.2	.6	.2		.2	.2					1.8	10.6
SSE	.4	1.2	2.7	3.1	.4	1.0	.4					9.2	12.7
S	1.4	2.0	5.9	5.9	1.8	1.2	.2					18.2	11.6
SSW	.8	2.9	1.8	2.7	1.4							9.6	10.0
SW	2.0	1.6	1.4	1.8								6.7	6.7
WSW	.4	.2	1.2	.6								2.3	7.8
W	1.0	.8	.4	.4								2.5	5.5
WNW		.2										.2	6.0
NW					.2							.2	18.0
NNW			.2		.2							.4	14.0
VARBL													
CALM												5.9	
	7.0	11.2	20.9	28.8	16.6	8.8	.8					100.0	11.8

TOTAL NUMBER OF OBSERVATIONS 511

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 4170 — STATION
TIN CITY AFS AK — STATION NAME
74-81 — YEARS
JUN — 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	1.1	2.0	6.6	6.4	1.0						17.2	15.0
NNE	.5	1.6	4.1	7.0	6.6	2.8						22.6	14.5
NE	.3	1.1	1.1	1.1	.2	.2						4.1	9.0
ENE	.3	.3	.2	.2								1.0	6.7
E	.3											.3	2.0
ESE	.2	.2										.3	3.5
SE			.3	.3								.7	11.5
SSE	.5	.5	1.8	2.0	.8	.3	.2					6.1	12.5
S	1.1	2.3	6.1	5.7	2.1	.8						16.2	11.1
SSW	1.0	2.1	1.0	3.0	.3	.2						7.5	8.9
SW	1.6	2.6	2.3	1.3								7.9	6.7
WSW	.5	.5	.8	.3	.2							2.3	7.6
W	.3	.7	.7									1.6	6.2
WNW	.2											.2	2.0
NW													
NNW	.2	.3	.2	.5								1.1	9.1
VARBL													
CALM												8.9	
	7.2	13.4	20.5	28.0	16.6	5.2	.2					100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 610

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 [illegible] TIN CITY AFS AK 73-81 JUN
STATION STATION NAME YEARS MONTH

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.8	1.7	5.5	6.4	2.1	.1	.0				17.9	15.9
NNE	.5	2.0	4.1	6.5	4.3	2.7	.1					20.1	14.0
NE	.3	.9	1.0	1.0	.4	.3						3.8	10.6
ENE	.1	.2	.2	.1								.5	7.0
E	.1	.0	.1	.0	.0							.2	6.4
ESE	.1	.0	.1									.2	5.1
SE	.2	.3	.4	.3	.1	.0	.0					1.4	9.1
SSE	.4	1.2	2.5	2.4	.9	.4	.1					7.8	11.6
S	1.2	3.1	5.2	6.1	2.1	.8	.0					18.5	11.0
SSW	1.1	1.9	3.1	2.8	.5	.2						9.6	9.2
SW	1.0	1.8	1.9	1.8	.3	.0						6.8	8.4
WSW	.5	1.1	1.1	.7	.1	.1	.0					3.7	7.9
W	.4	.6	.7	.2	.0							1.8	6.7
WNW	.0	.0	.0	.0	.1	.0						.2	12.0
NW		.0	.1	.1	.0	.0						.2	12.9
NNW	.0	.1	.4	.4	.1							1.0	11.2
VARBL													
CALM												0.3	
	6.1	13.9	22.4	29.0	15.3	6.6	.3	.0				100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 5659

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)

STATION	STATION NAME	YEARS	MONTH
7 4170	TIN CITY AFS AK	73-81	JUL

CLASS: ALL WEATHER

HOURS (LST): 0000-0200

CONDITION:

SPEED (KNTS) DIR.	1 - 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	2.9	4.8	4.0	1.7						14.3	14.8
NNE	.6	2.6	5.1	9.7	2.9	.6	.1					21.7	12.0
NE	.1	.6	1.4	.4								2.6	8.6
ENE		.1										.1	6.0
E	.1		.1									.3	5.0
ESE		.1	.1									.3	6.5
SE		.5	.4	.3	.5	.1	.4					2.2	15.2
SSE	.3	.6	.9	1.5	1.9	.8						6.0	14.3
S	1.1	2.8	4.5	5.6	2.7	1.4	.4					18.5	12.2
SSW	.8	1.8	2.2	4.2	1.9	.4						11.2	11.8
SW	.3	1.5	1.1	2.9	1.3							7.1	11.3
WSW	.3	.8	.9	.3	1.1							3.3	11.2
W		.1	.1									.3	6.0
WNW		.3	.1		.1							.5	9.5
NW	.1			.1		.1						.4	12.0
NNW	.1	.3		.1		.1						.6	10.4
VARBL													
CALM												10.7	
	4.2	12.6	19.9	30.0	16.5	5.2	.9					100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 784

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JUL — MONTH

ALL WEATHER — CLASS
0300-0500 — 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	.6	2.0	5.0	4.1	1.5	.1					13.6	15.1
NNE	.5	2.6	5.8	8.6	2.2	.9						20.6	11.7
NE	.4	1.1	1.1	.5								3.1	7.5
ENE	.1		.1									.2	5.0
E	.1	.1	.1									.4	5.3
ESE		.1	.1									.2	6.0
SE			.6	.4	.7		.1	.2				2.1	17.2
SSE	.2	.7	1.2	1.1	.7	.6	.2					5.0	13.3
S	.9	2.9	4.6	6.0	2.9	1.7						18.9	12.2
SSW	.9	3.1	2.4	4.0	2.5	.2						13.1	11.3
SW	.4	1.0	1.5	2.2	1.2							6.3	11.5
WSW	.7	.9	.4	.2	.9							3.1	9.6
W	.2	.1	.4									.7	5.7
WNW		.1										.1	6.0
NW			.1	.4								.5	12.5
NNW			.1	.2	.5							.9	15.9
VARBL													
CALM												11.1	
	4.7	13.4	20.6	28.6	15.8	5.0	.5	.2				100.0	10.8

TOTAL NUMBER OF OBSERVATIONS 604

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 1172 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.4	1.9	6.3	3.8	1.4	.2					14.1	15.4
NNE	1.2	1.2	5.8	7.2	2.5	.9	.1					19.0	12.0
NE	.1	1.0	.9	.9	.6	.1						3.6	10.8
ENE	.1		.1									.2	5.5
E	.1	.4	.1									.6	5.2
ESE		.1										.1	5.0
SE	.1	.7	.4	.7	.1	.2		.1	.1			2.6	13.6
SSE	.4	.5	1.1	2.2	1.4	.5	.1		.1			6.3	14.2
S	1.7	4.0	4.6	6.3	3.3	.9						20.6	11.1
SSW	.9	1.5	3.1	3.2	1.6	.5						10.8	11.2
SW	.5	1.7	1.1	2.6	1.9							7.8	11.5
WSW	.1	1.0	1.0	.5	.2							2.9	6.9
W	.1	.5	1.1									1.7	7.0
WNW				.1								.1	12.0
NW	.1	.1		.1	.2							.6	11.4
NNW		.1		.2								.4	11.7
VARBL													
CALM												8.3	
	5.7	13.3	21.2	30.5	15.7	4.5	.5	.1	.2			100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 607

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[illegible]17[illegible] (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

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

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	2.8	6.8	3.5	1.2	.2					15.5	14.5
NNE	.5	.7	3.8	5.4	1.9	.9	.1					13.5	12.9
NE	.1	.5	.4	1.2		.4						2.6	12.6
ENE			.1	.2								.4	12.[illegible]
E			.1									.1	6.[illegible]
ESE				.2								.2	13.5
SE		.5	.5	.4	.7							2.1	12.1
SSE	.2	.7	1.1	2.8	.9	1.4	.2		.1			7.5	14.9
S	.9	3.2	3.8	7.4	4.0	.7	.1					20.2	12.1
SSW	1.4	2.7	4.2	2.8	2.7	.1						14.0	10.3
SW	1.1	4.[illegible]	2.0	1.6	1.6							10.3	8.9
WSW	.6	1.[illegible]	.6	1.0	.1							3.3	7.8
W	.2	1.[illegible]	.5	.4								2.1	7.1
WNW			.2	.2								.5	10.5
NW	.1		.2	.1								.5	7.8
NNW			.2	.5	.4	.1	.1	.1				1.5	16.1
VARBL													
CALM												5.7	
	5.4	15.1	20.8	31.3	15.7	4.8	.7	.1	.1			100.0	11.3

TOTAL NUMBER OF OBSERVATIONS 808

USAFETAC FORM JUL 74 [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 17[illegible] TIN CITY AFS AK 73-81 JUL
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]-14[illegible]
CLASS HOURS LST

CONDITION

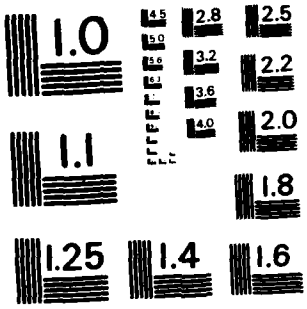
SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	2.8	7.5	3.8	.9	.4					16.3	14.3
NNE		.6	3.7	6.6	1.6	1.3						13.[illegible]	13.6
NE		.1	.8	1.3		.1						2.3	11.7
ENE				.5								.5	12.[illegible]
E			.1	.1								.3	9.5
ESE		.1	.1	.1								.4	9.[illegible]
SE	.1	.1	.4	.6	.3	.1	.1					1.8	13.[illegible]
SSE	.1	.8	1.9	1.4	.2	.9	.5					5.3	14.4
S	.6	2.5	6.1	5.9	4.8	1.3	.3					21.[illegible]	12.7
SSW	1.[illegible]	3.4	3.9	4.2	1.9							14.4	9.9
SW	.9	2.2	2.5	3.2	.9							9.6	9.9
WSW	.5	1.8	1.5	.9	.5	.1						[illegible].3	[illegible]
W	.3	.5	1.9	.4								[illegible]	7.8
WNW				.1								.1	15.[illegible]
NW		.1		.3								.4	11.3
NNW			.4	.1	.3	.1	.3					1.1	17.7
VARBL													
CALM												2.[illegible]	
	3.5	13.0	26.1	33.2	14.8	4.8	1.5					[illegible]	11.[illegible]

TOTAL NUMBER OF OBSERVATIONS 79[illegible]

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

AD-A131 191 TIN CITY AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 2/5

UNCLASSIFIED USAFETAC/DS/83/017 SBI-AD-E850 395 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
1500-1700 — 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	.3	3.1	5.5	4.6	.3	.2					14.2	14.5
NNE	.3	1.2	3.6	7.8	3.6	1.0						17.5	13.4
NE	.3	.2	.2	.5	.3							1.5	1[illegible].3
ENE													
E	.2	.2	.2									.5	[illegible]
ESE						.2						.2	24.0
SE	.3	.3	.2	.5	.3	.3		.2				2.1	14.4
SSE		.3	.5	1.3	1.2							3.3	12.6
S	1.3	3.3	6.3	7.4	3.8	2.0						24.1	12.2
SSW	1.0	1.5	3.6	5.3	1.3	.3						13.1	11.2
SW	.2	.8	2.8	4.8	1.3							9.9	11.8
WSW	1.0	1.9	1.7	1.2	.2							5.8	7.7
W	.3	1.8	.8	.3	.2							3.5	7.0
WNW			.2									.2	10.0
NW													
NNW				.7			.3					1.0	17.8
VARBL													
CALM												2.6	
	5.1	12.2	23.1	35.2	16.9	4.1	.5	.2				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 625

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 175 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 1800-2000 (HOURS (LST))

(CONDITION)

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.8	1.5	4.2	1.9	.4						8.8	14.0
NNE	.4	.4	3.1	9.2	3.3	1.0						17.5	14.1
NE	.2	1.3	1.3	1.5								4.2	8.7
ENE	.2	.2										.4	3.5
E													
ESE	.2											.2	3.0
SE		.2	.2									.4	7.0
SSE	.2	.4	1.9	1.7	1.9	.4						6.5	13.5
S	1.3	2.3	5.2	5.0	4.0	1.7	.2					19.6	12.9
SSW	.6	1.3	5.2	8.1	1.5	.2						16.9	11.7
SW	1.0	.8	2.7	4.8	2.1							11.5	11.2
WSW	.6	1.3	.6	1.3	.6	.2						4.6	10.4
W		1.5	1.0	.6								3.1	7.7
WNW	.2		.2									.4	6.0
NW				.2								.2	12.0
NNW		.2										.2	5.0
VARBL													
CALM												5.4	
	5.0	10.6	23.0	36.5	15.2	4.0	.2					100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 479

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
JUL — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	1.1	1.9	5.3	3.4	.8	.3					13.1	14.7
NNE	.3	3.2	4.7	9.4	3.9	1.1						22.6	12.5
NE		1.3	1.1									2.4	6.8
ENE			.2	.2								.3	11.0
E	.2	.2										.3	3.0
ESE		.2										.2	4.0
SE	.2	.2	.5	.2	1.1	.2	.2					2.4	15.5
SSE	.2	.8	.8	1.6	2.6	.6	.2					6.8	14.7
S	1.1	2.9	4.0	4.8	2.9	1.1	.3	.3				17.6	12.4
SSW	1.0	1.8	3.7	4.5	2.9	.3						14.2	11.6
SW	.2	.3	1.5	3.9	.8							6.6	12.1
WSW	.5	.3	.8	.5	.8	.3						3.2	12.3
W	.2	.5	.2									.8	5.2
WNW		.2										.2	4.0
NW													
NNW			.3				.2					.5	14.0
VARBL													
CALM												6.7	
	3.9	12.9	19.7	30.4	18.4	4.5	1.1	.3				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 619

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)

7 117 — STATION
TIN CITY 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	.2	.6	2.4	5.8	3.7	1.1	.2					14.1	14.7
NNE	.5	1.6	4.6	7.9	2.7	.9	.1					18.2	12.6
NE	.2	.7	.9	.8	.1	.1						2.6	9.6
ENE	.1	.0	.1	.1								.3	6.6
E	.1	.1	.1	.0								.3	5.7
ESE	.0	.1	.1	.1		.0						.2	9.2
SE	.1	.3	.4	.4	.5	.1	.1	.1	.0			2.0	14.4
SSE	.2	.7	1.2	1.7	1.4	.7	.2		.0			6.1	14.1
S	1.1	3.0	4.8	6.1	3.5	1.3	.2	.0				20.1	12.2
SSW	.9	2.2	3.4	4.3	2.1	.3						13.3	11.1
SW	.6	1.7	1.8	3.1	1.4							8.5	10.8
WSW	.5	1.1	.9	.7	.6	.1						3.9	9.4
W	.2	.7	.8	.2	.0							1.8	7.1
WNW	.0	.1	.1	.1	.0							.3	9.3
NW	.1	.0	.1	.2	.0	.0						.4	11.0
NNW	.0	.1	.1	.2	.2	.1	.1	.0				.3	15.6
VARBL													
CALM												7.1	
	4.7	13.1	21.8	31.6	16.1	4.7	.8	.1	.1			100.0	11.4

TOTAL NUMBER OF OBSERVATIONS 5696

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 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
AUG — MONTH

ALL WEATHER — CLASS
0000-0200 — 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	1.0	1.5	4.9	5.4	3.8	1.1						17.8	12.7
NNE	.6	2.6	6.0	7.0	4.3	1.5	.2					22.3	12.8
NE	.5	2.3	1.8	1.1	1.0	.4						7.2	9.8
ENE	.1	.2	.1									.5	5.0
E				.1								.1	16.0
ESE	.1	.2		.4	.4							1.1	12.6
SE	.5	.4	.1	1.4	1.7	.1						4.2	14.2
SSE	.1	.4	1.7	2.7	1.8	.1		.1				7.0	13.6
S	.4	1.4	3.6	5.1	1.8	.6	.1	.1				13.1	12.6
SSW	.5	2.1	2.1	3.7	.9	.5						9.7	11.3
SW	.2	1.1	1.2	1.2	.9	.1						4.8	11.1
WSW		.1	1.1	.7								2.0	10.1
W		.1	.1	.1	.1							.5	11.0
WNW		.1										.1	5.0
NW			.1	.5	.7							1.4	16.0
NNW	.1		.4	1.2	.4	.1						2.2	13.5
VARBL													
CALM												6.0	
	4.2	12.6	23.4	30.7	17.9	4.6	.4	.2				100.0	11.6

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170	TIN CITY 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	.7	2.1	3.2	5.4	3.8	1.6						16.8	13.3
NNE	.6	2.3	5.9	8.2	3.7	2.1						22.8	12.8
NE	.9	2.5	2.5	1.3	.4	.1	.1					7.7	8.4
ENE	.4	.1	.1	.1								.7	5.7
E	.4	.2	.1									.7	3.5
ESE			.5		.4	.4						1.2	16.3
SE		.2	.5	1.8	1.6							4.2	14.7
SSE	.1	.1	1.6	1.7	1.2	.2	.2	.1				5.4	14.8
S	.7	2.1	4.0	5.3	2.0	.6	.1	.1				15.0	11.8
SSW	.4	1.2	2.8	1.8	1.2	.6						8.1	11.6
SW	.2	1.1	1.7	1.1	.9							5.0	10.2
WSW		.4	.9	.5	.4							2.1	10.6
W		.6	.5		.4							1.5	9.7
WNW													
NW	.1				.4							.5	14.8
NNW	.1	.1	.1	1.3	.5	.4						2.6	15.0
VARBL													
CALM												5.3	
	4.7	13.1	24.4	28.7	16.7	6.0	.5	.2				100.0	11.5

TOTAL NUMBER OF OBSERVATIONS 816

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
AUG — MONTH

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.3	2.1	6.4	3.2	1.6	.2					15.4	14.2
NNE	.6	2.4	4.2	7.1	3.9	1.2	.1					19.6	12.9
NE	.6	1.3	3.3	1.7	.2	.6						7.8	9.8
ENE		.5	.6									1.1	6.9
E	.1	.5	.4	.2								1.2	6.9
ESE	.2	.2	.4		1.3		.1					2.3	14.5
SE	.5	.5	1.0	1.1	.9	.1						4.1	11.6
SSE	.6	.4	.5	1.7	1.1	.2	.2					4.8	13.6
S	1.1	2.7	4.0	5.4	2.4	1.2	.2					17.1	12.1
SSW	.7	1.8	2.7	2.0	.5	.7						8.4	10.1
SW	.4	1.1	1.5	1.3	.5							4.8	9.5
WSW	.5	.2	.7	.2	.4							2.1	8.5
W	.2	.1	.5	.2	.2							1.3	10.2
WNW	.1		.2									.4	6.3
NW		.5	.1			.1						.7	9.0
NNW		.1	.6	.6	.7	.4						2.4	15.2
VARBL													
CALM												6.4	
	6.4	13.8	22.8	28.0	15.4	6.2	1.0					100.0	11.2

TOTAL NUMBER OF OBSERVATIONS 817

USAFETAC FORM JUL 64 5-9-6 OLD 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 5172 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) ALL (MONTH)

ALL WEATHER (CLASS) 0900-1200 (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	.9	1.6	6.8	3.4	1.7	.2					14.8	15.5
NNE		1.4	3.7	7.0	4.6	1.6	.2					18.5	14.5
NE	.4	1.0	2.3	1.7	.4	.1						5.9	9.8
ENE		.2		.1								.4	7.3
E	.2	.5	.2	.2								1.2	6.7
ESE		.1		.1	.4	.2						.9	17.7
SE	.1	.5	.5	1.7	1.2	.1						4.2	13.6
SSE	.5	2.0	1.2	1.8	.7	.5	.1					6.9	11.2
S	1.4	2.6	4.2	5.5	2.8	1.2	.5					18.2	12.3
SSW	1.1	2.0	3.1	3.2	1.7	.4						11.5	10.9
SW	.9	1.5	2.1	1.1	.2							5.8	6.1
WSW	.7	.7	1.1	.7	.1							3.4	6.1
W	.2	.2	.4	.2								1.1	7.6
WNW			.1									.1	10.0
NW		.4										.4	5.3
NNW	.1	.1	.6	1.4	.5	.2	.1					3.1	14.2
VARBL													
CALM												3.7	
	5.8	14.0	21.2	31.8	16.1	6.2	1.2					100.0	11.9

TOTAL NUMBER OF OBSERVATIONS 812

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)

STATION	STATION NAME	YEARS	MONTH
7 170	TIN CITY AFS AK	73-81	AUG

CLASS: ALL WEATHER

HOURS (LST): 1200-1400

CONDITION:

SPEED (KNTS) / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.5	2.3	6.0	4.5	1.8	.3					15.4	15.9
NNE	.4	.5	3.4	7.0	4.6	1.3	.5					17.7	14.9
NE	.1	.4	2.5	.8	.4							4.1	9.9
ENE			.3	.1		.3						.6	15.0
E		.3	.3	.3		.3						1.2	13.5
ESE		.1	.4	.3	.5	.5						1.8	15.6
SE		.1	.4	1.3		.4						2.1	14.1
SSE	.4	.5	2.1	2.9	1.8							7.7	12.3
S	.9	3.7	4.8	3.9	3.9	1.3	.3					17.9	12.3
SSW	.3	1.9	2.9	4.5	3.1	.4						13.0	12.8
SW	1.9	.9	2.1	.9	.6	.1						6.5	8.3
WSW	1.4	.5	1.4	.4	.3							3.9	7.2
W	.4	1.7	.8	.4								2.5	6.9
WNW		.1										.1	6.0
NW	.1		.1	.3								.5	10.5
NNW		.5	.3	1.0	.8	.3						2.8	13.5
VARBL													
CALM												2.3	
	5.8	10.4	23.8	29.9	20.5	6.4	1.0					100.0	12.6

TOTAL NUMBER OF OBSERVATIONS 797

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 1500-1700 (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		.6	2.8	6.4	6.7	1.6						18.0	15.7
NNE	.6	1.2	4.2	9.6	4.7	2.3	.6					23.3	14.7
NE	.2	.5	2.3	1.1	.5							4.5	10.2
ENE				.5								.5	13.0
E	.2	.3	.3	.3		.2						1.2	10.0
ESE		.2		.5								.6	10.0
SE		.5	.2	.6	.2	.3						1.7	13.4
SSE	.2	.6	.8	1.4	1.1							4.0	12.3
S	.8	2.5	2.5	7.4	3.9	1.1						18.1	13.1
SSW	.3	1.7	2.8	3.9	3.4	.6	.2					12.9	13.3
SW	.6	1.2	1.7	1.4	.6							5.6	10.0
WSW	.5	.8	.9	.3								2.5	7.3
W		.6	.6	.3	.3							1.9	9.4
WNW			.3	.3								.6	9.8
NW													
NNW	.2	.2	.3	.9								1.6	11.7
VARBL													
CALM												3.1	
	3.4	10.9	19.7	34.9	21.2	6.0	.8					100.0	12.9

TOTAL NUMBER OF OBSERVATIONS 645

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
AUG — MONTH

ALL WEATHER — CLASS
1800-2400 — 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	1.8	7.3	6.4	.9						16.5	15.8
NNE	.4	2.3	4.6	10.5	5.2	2.1	.5					25.6	14.1
NE		1.1	1.6	3.2	.5	.2						6.6	11.5
ENE	.2	.2	.2	.5	.2							1.2	10.4
E			.5									.5	9.0
ESE				.2								.2	13.0
SE	.2	.2	.7	.2								1.2	7.9
SSE	.2	.5	1.4	1.2	1.6							5.0	12.8
S	.5	1.6	3.4	8.7	2.0	2.0	.2					19.2	13.5
SSW	.4	.7	3.0	3.7	2.1	.4	.2					10.5	12.9
SW	.5	.4	1.2	1.4	.5							4.1	10.4
WSW		.5	.7	.5		.2						2.0	10.9
W		.2	.2	.2	.2							.7	10.5
WNW	.2		.2									.4	5.0
NW		.2	.2									.4	7.0
NNW				.7	.4							1.1	15.0
VARBL													
CALM												5.0	
	2.5	8.0	19.7	38.4	19.9	5.7	.9					100.0	12.8

TOTAL NUMBER OF OBSERVATIONS 563

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)

7217 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) AUG (MONTH)

ALL WEATHER (CLASS) 0100-2300 (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		1.4	4.6	8.9	4.9	1.2						21.2	13.6
NNE	.5	2.0	6.8	6.6	5.2	2.0	.4					23.7	13.3
NE	.4	1.0	2.5	1.7	.6	.3	.1					6.6	12.4
ENE	.1	.3	.3	.3	.1							1.2	9.9
E	.3	.1			.1							.5	7.8
ESE				.3	.4							.7	17.[illegible]
SE	.1	.5	.1	.6	.4	.1						2.0	11.6
SSE		.3	.9	1.4	1.2	.3						4.2	13.8
S	.6	1.9	4.0	7.4	2.6	1.0	.4	.3				18.2	13.4
SSW	.3	.9	2.3	2.9	1.3	.3						7.9	11.9
SW	.3	.4	1.3	1.2	1.0							4.2	11.5
WSW	.1	.4	.9	.4	.3							2.2	9.7
W		.1	.6	.1								.9	9.3
WNW													
NW			.4		.1							.6	12.5
NNW			.3	1.2	.1							1.6	13.5
VARBL													
CALM												4.8	
	2.9	9.5	25.0	33.0	18.5	5.1	1.0	.3				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS 693

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 1170 TIN CITY AFS AK 73-81 ALL
STATION STATION NAME YEARS MONTH

ALL WEATHER ALL
CLASS HOURS (L S T)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.1	2.9	6.5	4.5	1.4	.1					16.9	14.5
NNE	.5	1.8	4.8	7.8	4.5	1.7	.3					21.4	13.7
NE	.4	1.3	2.4	1.5	.5	.2	.0					6.3	9.8
ENE	.1	.2	.2	.2	.0	.0						.8	9.0
E	.2	.3	.2	.2	.0	.1						.8	6.4
ESE	.1	.1	.2	.2	.5	.2	.0					1.2	15.0
SE	.2	.4	.4	1.1	.8	.2						3.1	13.2
SSE	.3	.6	1.3	1.9	1.3	.2	.1	.0				5.7	13.0
S	.8	2.2	3.9	5.9	2.8	1.1	.2	.1				17.0	12.6
SSW	.5	1.6	2.7	3.2	1.7	.5	.0					10.2	11.9
SW	.6	1.0	1.6	1.2	.7	.0						5.1	9.7
WSW	.4	.5	1.0	.5	.2	.0						2.5	8.7
W	.1	.4	.5	.2	.2							1.3	8.8
WNW	.0	.0	.1	.0								.2	7.4
NW	.0	.1	.1	.1	.2	.0						.6	12.1
NNW	.1	.1	.3	1.1	.4	.2	.0					2.2	14.1
VARBL													
CALM												4.7	
	4.6	11.8	22.6	31.5	18.1	5.8	.8	.1				100.0	12.[illegible]

TOTAL NUMBER OF OBSERVATIONS 5954

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
SEP — MONTH

ALL WEATHER — CLASS
0000-2200 — 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	.6	.9	4.5	7.3	6.3	1.7	.9					22.2	14.7
NNE	1.2	4.9	9.6	6.0	3.5	1.0	.8	.1				27.1	11.4
NE	.8	1.3	3.5	2.8	1.3	1.7	.3					11.6	12.7
ENE	.4	.5	.1	.1								1.2	5.8
E	.5	.4	.4	.1								1.4	5.5
ESE		.8	.3		.1							1.2	7.4
SE	.4	.4	.5	.4								1.7	7.2
SSE	.3	1.0	.9	.8	.6	.9	.6	.6				5.0	17.7
S	.5	1.2	.8	1.8	.4	.4	.5	.1				5.6	13.3
SSW	.1	.6	.4	.9	.5	.3	.3					3.1	13.3
SW	.3	.4	1.3	.6	.6	.5	.3					4.0	14.0
WSW	.1	.6	.5	.8								2.1	8.8
W	.3	.8	.4	.3	.1							1.8	7.1
WNW	.1	.3		.3		.1						.8	10.0
NW		.1	.4	.1	.3	.1						1.0	13.6
NNW	.5	.4	.6	.5	1.2	.3	.1	.1				3.7	13.6
VARBL													
CALM												5.9	
	6.0	14.5	24.1	22.8	14.9	6.9	3.7	1.0				100.0	12.0

TOTAL NUMBER OF OBSERVATIONS 773

USAFETAC FORM JUL 64 5945 OLDA 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 .17[illegible] TIN CITY AFS AK 73-81 SEP
STATION STATION NAME YEARS MONTH

ALL WEATHER 300-0500
CLASS HOURS (L S T)

CONDITION

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	.5	5.9	7.3	6.3	1.7	.1	.4				22.9	14.5
NNE	.8	4.9	7.3	10.4	2.6	1.4	.8					26.[illegible]	12.[illegible]
NE	.6	1.2	2.7	3.7	.8	2.0	.4					11.4	13.5
ENE		.9	.6	.3								1.5	7.[illegible]
E	.3	.3	.1									.6	4.4
ESE		.3	.3									.5	6.8
SE	.4	.4	.3	.5	.1	.1						1.8	9.6
SSE	.3		1.2	1.3	1.3	.4	.6	.4				5.4	17.7
S	.3	.4	1.3	1.9	.6	.3	1.0	.3				6.3	16.3
SSW	.1	.4	.6	.5	.4		.4					2.4	14.4
SW	.1	1.2	.8	.9	.5	.6	.3					4.4	13.2
WSW	.3	.1	.8	.5	.1							1.8	8.6
W	.3	.9	.4	.1	.3							1.9	7.5
WNW		.4	.3									.6	6.6
NW		.1	.1	.3								.5	9.5
NNW	.8	.1	.1	.4	.6	.3	.6					2.9	15.7
VARBL													
CALM												6.9	
	4.9	11.9	22.7	28.0	13.6	6.8	4.2	1.0				1[illegible].3	12.3

TOTAL NUMBER OF OBSERVATIONS 781

USAFETAC FORM JUL 64 [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)

STATION	STATION NAME	YEARS	MONTH
7 [illegible]	TIN CITY AFS AK	73-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 0600-0600

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.4	7.3	7.9	6.6	1.7	1.0	.3				25.9	14.5
NNE	1.0	2.6	5.2	7.8	2.7	2.3	.4					22.0	12.8
NE	.5	1.7	2.8	4.3	.9	2.2						11.8	13.4
ENE	.4	.1	.1	.8	.1	.1						1.7	11.[illegible]
E	.6	.3	.1									1.5	4.3
ESE		.1	.5	.1								.8	8.5
SE	.1	.1	.4	.6	.3							1.5	11.4
SSE	.1	.1	.6	1.0	1.5	.5	.4	.4	.1			4.9	16.8
S	.3	.8	1.3	2.8	1.2	.5	.5	.3				7.5	14.9
SSW	.4	.9	.9	1.4	.1	.3	.3					4.2	11.6
SW		.9	.5	.5	.5	.3	.3					2.9	13.4
WSW		.4	.4	.5	.3	.3						1.3	12.9
W	.3	.4	.6		.1							1.4	7.5
WNW	.1	.1		.1								.4	7.0
NW	.1		.1									.3	4.5
NNW	.1	.1	1.2	1.3	.3	.1	.4					3.5	13.9
VARBL													
CALM												7.0	
	4.7	9.8	22.1	29.3	14.6	8.2	3.2	.9	.1			100.0	12.5

TOTAL NUMBER OF OBSERVATIONS 782

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

2217 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) SEP (MONTH)

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

(CONDITION)

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	1.1	3.4	11.7	5.1	2.9	1.2	.1				25.6	15.4
NNE	1.1	2.9	4.3	7.8	3.9	2.0	.6					22.8	13.4
NE	.1	.8	.6	3.7	1.5	1.5	.1					8.4	15.1
ENE	.1	.6	.1	1.0	.3							2.2	10.5
E	.4	.5	.1	.3								1.3	5.4
ESE	.1	.5	.3	.1								1.2	7.1
SE	.5		.6	.3	.6	.1						2.2	11.4
SSE	.1	.5	1.4	1.9	.9	.9	.1	.4	.1			6.4	16.1
S	.1	1.5	1.1	3.2	1.1	.3	.9	.4				8.7	14.7
SSW	.4	.8	1.0	.8		.5						3.4	10.6
SW	.6	.8	.3	.9	.8	.4	.3					3.9	13.2
WSW		.5	.4	.9	.4							2.2	11.2
W	.5	.4	.3	.4	.3							1.8	8.6
WNW	.3	.3										.5	3.0
NW	.1	.1		.5								.8	9.8
NNW		.1	.8	1.3	.6	.5						3.3	15.3
VARBL													
CALM												5.6	
	4.7	11.5	14.8	34.6	15.5	9.2	3.1	.9	.1			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 785

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 .17[illegible] TIN CITY AFS AK — 73-81 — SEP
STATION — STATION NAME — YEARS — MONTH

ALL WEATHER — 1200-1400
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	1.2	4.8	9.9	5.9	3.5	.1					26.1	14.9
NNE	.5	1.5	3.6	6.3	5.6	2.7	.4	.1				[illegible]	15.[illegible]
NE	.3	.4	.3	3.1	.9	.9	.8	.1				6.9	16.7
ENE		.1	.4	.9	.4	.3						2.2	15.3
E		.3	.3	.5								1.1	9.6
ESE		.3	.4	.4	.1							1.2	11.2
SE	.1	.9	.7	.9	.4							3.1	10.[illegible]
SSE	.1	1.1	1.9	1.5	.8	.9						6.3	12.4
S	.5	1.5	1.3	1.9	.9	.9	.4	1.1				5.6	16.[illegible]
SSW	.7	1.3	.1	1.1	.4	.7						4.3	10.7
SW	.5	.8	.4	1.1	.7	.6						4.3	12.9
WSW	.4	.5	.8	.9	.1							2.8	8.7
W	.4	.7	1.1	.5	.3	.1						3.1	9.3
WNW	.1	.3				.1						.5	6.0
NW		.3	.4	.5	.1	.1						1.5	11.3
NNW	.1	.3	.9	.5	.5	.4						2.8	13.4
VARBL													
CALM												4.4	
	4.4	11.4	17.5	30.2	17.3	11.6	1.7	1.3				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 744

USAFETAC FORM JUL 64 0-8-5 OLA 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)

STATION	STATION NAME	YEARS	MONTH
7 117C	TIN CITY AFS AK	72-81	SEP

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.5	1.1	4.0	6.9	3.7	3.7	.3					20.4	15.0
NNE	.3	.8	5.2	8.6	5.3	2.7	.5	.5				23.9	15.4
NE	.2	.3	2.1	2.9	1.0	.8	1.0	.3				8.6	16.1
ENE		.5		1.3	.5	.2						2.4	13.9
E	.2	.2	1.0	.2								1.5	7.8
ESE	.6	.3	.3	.2								1.5	5.6
SE	.5	.6	1.1	1.0	.5							3.7	9.7
SSE	.2	1.1	1.5	1.9	1.0	.8	.5					6.9	14.0
S	.2	1.1	.8	.6	1.7	1.3	.3	1.0				6.3	18.5
SSW	.2	.5	.3	.8	.6	.8						3.2	15.0
SW	.8	.5	1.0	1.1	1.0	.8	.2					5.3	13.5
WSW	.2	1.0	1.0	.2		.3						2.6	8.6
W		.8	1.3	.2								2.3	7.5
WNW	.2	.5	.6									1.3	6.3
NW	.2	.2	.2	.3		.2						1.2	11.0
NNW	.6	.3	.5	1.3	1.1		.2					4.0	12.8
VARBL													
CALM												5.2	
	4.7	9.9	20.8	27.5	15.7	11.6	2.9	1.8				100.0	13.4

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7.170	TIN CITY AFS AK	73.75-81	SEP

CLASS: ALL WEATHER

HOURS (LST): 1900-2400

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.2	.7	3.1	2.6	3.9	3.1	.9	.2				14.7	17.0
NNE	.9	2.9	6.6	9.4	6.2	2.0	.7					28.8	13.3
NE	.4	1.3	2.4	2.9	1.1	1.1	.4	.4				9.9	13.7
ENE	.2	.4	1.1	2.0	.2	.2	.2					4.2	11.8
E	.4	.7	.4	.2								1.7	5.5
ESE		.4	.2									.6	5.7
SE	.4	1.1	.7	.9	.2	.4						3.7	10.3
SSE	.2	.7	1.1	1.1	.2	.9		.6				4.8	15.4
S	.4	.2	1.3	.7	1.3	1.8	.4	.7	.2			7.3	20.1
SSW	.4	.4	.2	1.5	.7	.6						3.7	13.7
SW	.4	.9	1.5	1.1	.9	.7						5.5	12.4
WSW			1.1				.6					1.7	16.1
W	.7	.9	.2	.7								2.6	6.7
WNW	.2			.4								.6	10.0
NW	.2		.6	.2								.9	8.8
NNW	.4	.4	.6	.6	.4	.9	.4					3.5	15.6
VARBL													
CALM												6.2	
	5.1	11.2	20.9	24.2	15.0	11.7	3.5	1.8	.2			100.0	13.1

TOTAL NUMBER OF OBSERVATIONS 545

USAFETAC FORM JUL 64 0-8-5 0-1-4 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 1172 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
SEP — MONTH
ALL WEATHER — CLASS
0100-2300 — HOURS (L S T)
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	1.2	1.3	3.6	3.9	4.7	2.1	1.3					18.1	14.9
NNE	.7	3.7	7.4	9.2	3.4	1.5	.7	.1				26.8	12.6
NE	.3	2.1	3.1	3.6	1.5	1.6	.1					12.3	12.7
ENE	.4	.4	1.8	.6								3.3	7.8
E	.4	.1	.4									1.0	5.3
ESE	.1	.3	.3									.7	5.6
SE	.7	.9	.4	.7	.1		.1					3.1	8.8
SSE	.4	.4	.9	.4	1.3	.6	.4	.4				5.3	17.1
S	.3	1.9		1.3	1.3	.4	.1	.7				6.2	15.4
SSW	.3	.1	.9	.9	.9	.3	.1					3.9	14.1
SW	.3	.1	.9	.9	.7	.6						3.5	14.3
WSW	.3	.4	1.3	.4		.1	.1					2.8	9.6
W	.4		.9	.1	.1		.3					1.9	11.5
WNW	.3	.6										.9	4.0
NW		.6		.1	.3	.1						1.2	12.0
NNW		.4	.7	.7	.7	.3	.4					3.4	15.3
VARBL													
CALM												6.1	
	6.4	13.6	22.7	23.0	15.3	7.7	4.0	1.3				100.0	12.3

TOTAL NUMBER OF OBSERVATIONS 675

USAFETAC FORM JUL 64 0-8-5 OLA 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 .17C — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
SLP — MONTH

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

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.6	1.1	4.7	7.4	5.4	2.5	.7	.1				22.5	15.[illegible]
NNE	.8	3.1	6.2	8.1	4.0	1.[illegible]	.6	.1				24.9	13.1
NE	.4	1.[illegible]	2.2	3.4	1.1	1.5	.4	.1				10.1	14.[illegible]
ENE	.2	.5	.5	.8	.2	.1	.0					2.3	10.6
E	.4	.4	.3	.2								1.2	6.0
ESE	.1	.4	.3	.1	.0							.9	7.5
SE	.4	.5	.6	.6	.3	.1	.0					2.5	9.8
SSE	.2	.6	1.2	1.2	1.0	.7	.4	.4	.0			5.7	16.1
S	.3	1.1	1.0	1.9	1.0	.7	.5	.5	.0			7.[illegible]	16.[illegible]
SSW	.3	.6	.6	1.0	.4	.4	.1					3.5	12.6
SW	.4	.7	.8	.9	.7	.6	.2					4.2	13.3
WSW	.2	.5	.8	.6	.1	.1	.1					2.2	1[illegible].1
W	.4	.6	.6	.3	.2	.0	.0					2.1	8.3
WNW	.2	.3	.1	.1		.0						.7	6.7
NW	.1	.2	.2	.3	.1	.1						.9	10.9
NNW	.3	.3	.7	.8	.7	.3	.3	.0				3.4	14.4
VARBL													
CALM												5.9	
	5.1	11.8	20.7	27.7	15.2	9.1	3.3	1.2	.1			1[illegible]	12.7

TOTAL NUMBER OF OBSERVATIONS 571[illegible]

USAFETAC FORM 0-8-5 OLA 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)

STATION	STATION NAME	YEARS	MONTH
7417	TIN CITY AFS AK	77-81	OCT

CLASS: ALL WEATHER

HOURS (LST): 0000-2200

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	1.4	2.6	4.2	6.5	8.6	3.6	.7	.5				24.1	14.9
NNE	.6	3.3	8.2	9.7	4.4	6.3	1.5	.9				34.9	15.2
NE	.4	1.1	2.8	3.0	3.0	2.2	.5					12.9	15.3
ENE	.7	.4	.7	.4	.4							2.6	8.1
E	.2	.5										.7	4.7
ESE	.2	.4	.6		.1							1.4	7.3
SE	.1		.7	.2	.5	.1						1.2	14.3
SSE		.1		.5	.5	1.1						2.2	19.4
S		.5	1.8	.6	.6	1.4	.1					5.0	14.9
SSW	.1	.2	.4	.1	.4	.1						1.4	12.3
SW		.1	.5	.6								1.2	11.5
WSW		.5	1.0	.6		.1						2.2	10.0
W	.1	.5	.7	.2		.2						1.8	10.6
WNW					.1	.2						.4	21.7
NW		.1		.2	.9	.2						1.5	17.8
NNW		.4	.2	.6	.5	.1	.2	.1				2.2	10.9
VARBL													
CALM												4.3	
	3.9	10.7	21.5	23.4	15.9	15.7	3.1	1.5				100.0	14.[illegible]

TOTAL NUMBER OF OBSERVATIONS 613

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 1170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) OCT (MONTH)

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.7	4.1	7.1	4.5	4.1	2.2	.5				24.6	16.6
NNE	.9	3.1	7.9	8.7	6.4	3.7	2.5	1.0				34.[illegible]	15.2
NE	.1	2.1	2.8	2.0	2.2	1.8	.5	.2				11.9	14.4
ENE	.2	.1	.2	.6	.5							1.7	11.9
E	.5	.2	.5									1.2	4.6
ESE	.2	.1	.4	.1	.2							1.1	9.4
SE		.1	.6	.4	.5	.1						1.7	13.5
SSE	.1	.5	.7	.2	.4	.9	.4					3.2	16.1
S	.2	.4	.5	1.7	1.0	.6	.1					4.5	14.4
SSW	.1	.2	.4	.2	.1							1.1	9.7
SW		.2	.2	.5								1.0	10.9
WSW		.5	.5	.1								1.1	7.6
W		.1	.2	.9		.1						1.4	13.0
WNW				.4	.1	.1						.6	17.0
NW		.2	.6	.5	.5	.6						2.5	15.5
NNW		.4	.4	.4	.4	.1	.1	.1				1.8	15.1
VARBL													
CALM												6.5	
	2.8	10.1	20.0	23.8	16.8	12.2	5.9	1.8				100.0	14.0

TOTAL NUMBER OF OBSERVATIONS 614

USAFETAC FORM JUL 64 C-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[illegible]17[illegible] (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) [illegible] (MONTH)

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

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.9	1.6	2.5	6.5	4.1	3.4	1.2		.2			[illegible].4	16.1
NNE	1.1	3.3	6.8	9.1	5.7	4.9	1.6	1.1	.1			33.7	15.5
NE	.6	2.1	2.7	2.6	2.3	2.3	.7	.1				13.5	14.6
ENE	.2	.5	1.0	.1	.4							2.2	8.5
E	.4	.4	.6									1.4	5.6
ESE	.1	.2	.5	.4								1.2	8.4
SE		.2	.5	.2	.4	.1	.1					1.6	14.8
SSE	.1	.2	.4	1.1	.2	1.1	.4					3.6	17.4
S		.6	.2	.9	.5	1.[illegible]						3.2	15.2
SSW		.5	.7	.5								1.7	8.8
SW		.2	.2	.6	.4							1.5	12.6
WSW		.2	.1	.4								.7	11.[illegible]
W		.[illegible]	.5	.1								.9	8.4
WNW			.1	.2	.4	.1						.9	10.7
NW	.2	.1	.1	.2	.1	.9						1.7	16.4
NNW	.1	.4	.5	.9	.9	.6						3.3	15.4
VARBL													
CALM												8.5	
	3.8	10.9	17.5	23.9	15.3	14.5	4.1	1.2	.4			1[illegible]0.[illegible]	13.6

TOTAL NUMBER OF OBSERVATIONS 813

USAFETAC FORM JUL 64 [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)

7217 (STATION) TIN CITY AFS AK (STATION NAME) 77-81 (YEARS) OCT (MONTH)

ALL WEATHER (CLASS) 0300-1100 (HOURS LST)

(CONDITION)

SPEED KNOTS OR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	2.6	6.9	5.5	2.6	1.7	.4				21.3	16.6
NNE	.7	2.3	6.2	9.6	4.6	4.7	1.8	.5				[illegible]	15.4
NE	.6	2.7	3.9	3.8	2.6	1.8	1.2	.1				16.9	13.9
ENE	.6	.7	.6	.2	.5		.1					.8	9.2
E	.4	.6	.5	.1								1.5	5.2
ESE		.4	.2	.1								.7	7.7
SE		.1	.7	.1	.4	.1	.2					1.7	15.2
SSE	.2	.2	.6	.6	.4	.7	.5					3.3	16.5
S	.2	.5	.4	1.1	.5	.5						3.4	13.4
SSW		.4	.6	.2	.4	.1						1.7	11.5
SW	.1	.7	.1	.4	.2							1.5	9.4
WSW		.1	.4	.4								.9	9.9
W			.4	.7	.1							1.2	12.6
WNW					.5	.2						.7	21.2
NW		.4	.2	.2	.2	.1						1.2	12.3
NNW	.4	.1	.1	.6	1.2	.4						2.5	15.5
VARBL													
CALM												7.8	
	3.7	10.7	17.6	25.2	16.9	11.5	5.7	1.0				100.0	13.0

TOTAL NUMBER OF OBSERVATIONS 812

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

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

7 1170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — YEARS
OCT — 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	.4	1.5	2.4	4.5	4.7	4.2	1.2	.3				19.[illegible]	16.9
NNE	.5	2.1	5.4	9.5	7.6	3.7	1.5	.6				32.9	15.8
NE	.6	2.2	3.6	5.4	3.3	2.1	1.0	.3				18.5	14.5
ENE		.5	1.3	.3	1.0	.4						3.5	13.5
E	.3	.5	.5	.1								1.4	6.2
ESE	.4	.5	.3			.1						1.3	9.4
SE		.6	.9	.3	.6	.1						2.6	11.7
SSE	.1	.6	.5	.1	.3	.4	.6	.4				3.1	16.6
S	.1	.6	.5	.9	.4	.5	.1					3.2	14.0
SSW	.1	.5	.1	.5	.6							1.9	11.6
SW	.4	.1	.3	.3	.1							1.2	8.3
WSW	.5	.4	.5		.1							1.5	6.4
W		.9	.1	.6	.4							1.5	12.6
WNW	.1		.1	.3	.1	.3						.9	14.3
NW		.4	.3		.9	.1	.1					1.8	15.7
NNW	.1	.1	.5	.9	.8							2.4	13.1
VARBL													
CALM												5.3	
	3.7	11.2	17.3	23.6	21.1	11.7	4.6	1.5				1[illegible]0.0	14.1

TOTAL NUMBER OF OBSERVATIONS 779

USAFETAC FORM JUL 64 5285 OLD A PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
A.R WEATHER SERVICE/MAC

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 .17[illegible]	TIN CITY AFS AK	73-81	OCT

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED KNTS DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	1.3	2.8	4.6	5.1	3.[illegible]	1.[illegible]	.3				16.4	16.6
NNE	.7	5.1	6.1	6.7	7.4	4.4	.9	.3				33.5	13.9
NE	.6	1.7	4.1	4.8	4.2	2.2	1.3	.7		.1		19.7	16.[illegible]
ENE	.1	.4	1.3	1.6	.7	.1						4.4	11.7
E	.6	.3	.3									1.2	4.4
ESE	.1	.3	.3	.3								1.[illegible]	[illegible]
SE	.3	.6	.4	.3								1.6	7.2
SSE	.1	.1	.3	.3	1.2	.6	1.[illegible]					3.6	[illegible]
S		.4	.4	.7	.6	.6	.3					3.[illegible]	16.[illegible]
SSW	.1	.1		.4	.6							1.3	14.3
SW	.1	.1		.4	.3							1.[illegible]	12.3
WSW	.1	.1		.3								.6	9.5
W	.4	.4	.3	.7	.3							2.2	9.3
WNW				.1	.4							.6	18.6
NW	.1			.3	.4							.9	14.3
NNW	.3	.4	.4	.4	.7	.3	.4					2.[illegible]	15.1
VARBL													
CALM												3.7	
	4.2	11.6	18.7	22.1	21.9	11.2	4.9	1.3		.1		100.[illegible]	14.1

TOTAL NUMBER OF OBSERVATIONS 683

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 .17 TIN CITY AFS AK 77-74,77-81 [illegible]
STATION STATION NAME YEARS MONTH

ALL WEATHER [illegible]
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	.2	3.4	4.0	3.6	5.[illegible]	1.8	.[illegible]	.2				16.3	13.5
NNE	1.4	6.0	7.4	9.6	5.8	4.8	.8	.6				36.3	13.7
NE	.6	2.2	6.0	5.0	3.2	4.[illegible]	.4	.5				22.7	14.4
ENE	.2		1.6	.2	1.2							3.2	12.4
E		.4		.2	.2							.6	9.8
ESE		.2	.2									.4	7.5
SE				.2	.2	.2	.2					.3	21.[illegible]
SSE	.2	.6	.6	.4	1.[illegible]	.5						3.4	14.[illegible]
S		.2	.2	.4	1.2	1.4	.6					4.3	20.8
SSW			.4	.6	.2							1.2	12.2
SW			.2	.2	.4	.2						1.[illegible]	16.4
WSW	.4			.8								1.2	9.7
W				.2								.2	12.[illegible]
WNW													
NW			.2									.2	13.[illegible]
NNW	.2	.2		.4	.8	.6	.2	.2	.2			2.3	21.1
VARBL													
CALM												3.4	
	3.2	13.1	20.7	22.7	19.1	13.5	2.4	1.6	.2			[illegible]	13.8

TOTAL NUMBER OF OBSERVATIONS 502

USAFETAC FORM 1 OCT 64 OBSOLETE 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)

STATION	STATION NAME	YEARS	MONTH
[illegible]	TIN CITY AFS AK	73-81	OCT

CLASS: ALL WEATHER

HOURS (LST): [illegible]-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	2.0	4.0	5.8	4.1	2.8	.3	.3	.2			[illegible]	14.5
NNE	1.4	4.1	8.6	6.7	7.0	4.7	2.1	1.2				[illegible]	15.2
NE	.5	1.4	3.4	4.4	2.0	3.4	.3					15.3	14.6
ENE	.6	.6	1.1	.6	.2	.2						3.2	[illegible]
E	.2	.3	.5									.9	5.5
ESE	.2		.3									.5	7.0
SE	.2	.2	.2	.6	.3							1.4	12.0
SSE		.3	.6	.8	.5	.6						[illegible]	14.9
S		.6	.8	.9	.9	1.1	.3					4.5	16.3
SSW			.9		.3							1.2	11.0
SW			.3	.3	.2	.2						.9	14.5
WSW			.2	.3	.5							.9	10.[illegible]
W	.2	.5	.2	.9								1.7	9.6
WNW		.2										.2	[illegible]
NW		.2			.6	.2						.9	17.7
NNW	.2	.6	.2	.6	.6	.5		.2				2.3	15.7
VARBL													
CALM												4.0	
	4.0	10.9	21.0	24.0	17.2	13.5	3.1	1.7	.2			[illegible]	13.3

TOTAL NUMBER OF OBSERVATIONS 653

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)

[illegible] TIN CITY AFS AK — 73-81 — [illegible]
STATION — STATION NAME — YEARS — MONTH

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

CONDITION

SPEED KNTS DIR	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.9	3.3	5.8	4.7	3.2	1.1	.3	.1			21.2	[illegible]
NNE	.9	3.[illegible]	7.3	9.[illegible]	6.1	4.5	1.6	.8	[illegible]			33.3	[illegible]
NE	.5	1.[illegible]	3.5	3.8	2.8	2.4	.8	.2		[illegible]		[illegible]	[illegible]
ENE	.4	.4	.9	.5	.6	.1	[illegible]					[illegible]	[illegible]
E	.3	.4	.4	.1	.0							[illegible]	[illegible]
ESE	.2	.3	.4	.1	.1	.0						[illegible]	[illegible]
SE	.1	.2	.5	.3	.4	.1	.1					[illegible]	[illegible]
SSE	.1	.3	.5	.5	.5	.8	.4	.1				[illegible]	17.3
S	.1	[illegible]	.6	.9	.7	.9	.2					[illegible]	[illegible]
SSW	.1	.3	.4	.3	.3	.0						[illegible]	11.4
SW	.1	.2	.2	.4	.2	.0						[illegible]	[illegible]
WSW	.1	.3	.4	.3	.1	.0						[illegible]	[illegible]
W	.1	.3	.3	.6	.1	.1						1.4	[illegible]
WNW	[illegible]	[illegible]	.2	.1	.2	.1						[illegible]	17.4
NW	.1	.2	.2	.2	.5	.3	[illegible]					1.4	15.7
NNW	.2	.3	.3	.6	.7	.3	.1	.1	.0			2.6	15.7
VARBL													
CALM												5.7	
	3.7	11.[illegible]	19.2	23.7	17.9	13.[illegible]	4.3	1.4	.1	.0		[illegible]	13.[illegible]

TOTAL NUMBER OF OBSERVATIONS 5875

USAFETAC FORM 1-64 [illegible] PREVIOUS EDITIONS OF THIS FORM ARE [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7 17	TIN CITY AFS AK	73-84	NOV

CLASS: ALL WEATHER

HOURS (LST): 0000-0200

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.1	2.3	5.5	7.3	5.0	2.0	.9				24.1	16.8
NNE	.4	1.5	4.2	6.5	6.6	5.7	1.1	.5	.4			27.0	17.3
NE		1.1	1.3	1.9	1.5	1.8	.5					8.2	16.3
ENE	.3	.3	.8	.5	.4	.3						2.4	12.4
E	.3	.4		.1		.3						1.0	9.8
ESE	.3	.5	.1	.3	.1							1.3	7.8
SE	.1	.3	.6	.4	.8	.5	.4					3.1	16.5
SSE		.4	.6	2.0	1.4	1.8	.8	.9		.5		8.4	21.8
S	.6	.4	.1	.5	1.1	.9	.8	.1	.3			4.8	19.2
SSW		.3	.4	.4	.6	.3	.3					2.2	16.1
SW		.1	.1	.3		.1						.6	13.4
WSW	.1	.3	.4	.6	.5	.1						2.0	12.8
W	.3	.4	.4	.6	.1	.1						1.9	10.3
WNW						.3						.3	24.5
NW	.1		.3	.4								.8	9.7
NNW	.1	.1	1.1	1.0	.8	.9	.4					4.5	16.4
VARBL													
CALM												7.5	
	2.5	7.1	12.7	21.0	21.3	18.0	6.2	2.4	.6	.5		100.0	16.0

TOTAL NUMBER OF OBSERVATIONS 785

USAFETAC FORM JUL 64 0644 OCLA 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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 0300-0600

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.8	1.1	3.8	6.4	8.0	4.8	2.3	.6	.3			28.1	17.8
NNE	.3	1.7	3.9	6.6	5.3	4.8	1.3	.9	.5			25.3	17.6
NE	.1	.6	1.1	2.4	1.3	1.7	1.1					8.4	17.3
ENE	.3	.3	.4	.6	.8		.3					2.5	14.4
E	.1	.1	.5	.3	.1							1.1	9.9
ESE		.3			.1	.1						.5	13.3
SE	.1	.4	.8	.3	.8	.6	.3					3.2	16.1
SSE	.1	.5	1.1	1.4	1.8	1.8	.9	.4	.3	.1		8.4	20.2
S	.5	.4	.1	.6	1.1	1.2	.4	.5	.1			4.3	19.6
SSW		.3	.3	.4	.4		.1	.4				1.8	18.8
SW		.1	.3		.5		.1	.1				1.1	18.6
WSW		.4	.4	.5	.4							1.7	11.6
W	.4		.3	.5	.3	.3						1.7	12.2
WNW			.1	.1		.1						.4	14.7
NW	.1			.4	.3							.8	12.3
NNW		.3	.9	.8	.8	.5	.1	.1				3.4	16.3
VARBL													
CALM												6.7	
	2.8	6.4	14.0	21.2	21.9	15.8	6.9	3.1	1.1	.1		100.0	16.2

TOTAL NUMBER OF OBSERVATIONS 786

USAFETAC FORM JUL 64 0-845 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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	77-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 0600-0800

CONDITION:

SPEED (KNTS) / DIR	1 - 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	4.7	6.0	8.5	6.2	1.5	.6				29.2	17.7
NNE	.6	1.5	4.1	6.9	6.7	3.3	2.0	1.5	.3			26.9	17.6
NE	.4	.5	1.5	1.8	1.5	1.4	.6	.3				8.1	16.4
ENE	.3		.8	.5	.3							1.8	1[illegible].6
E	.4	.5			.1							1.0	[illegible].6
ESE	.1			.1	.5	.3						1.0	18.1
SE		.3		1.1	.3	.8	.5	.1				3.0	19.9
SSE	.1	.3	1.3	1.8	1.8	1.8	1.4	1.1	.1			9.7	20.7
S	.1	.1	.1	.6	.9	1.4	.5	.4				4.2	21.7
SSW		.3	.1		.1	.4		.1	.1			1.1	21.4
SW		.4	.3	.4	.3	.4	.1	.3				2.[illegible]	17.8
WSW		.1	.3	.9	.1	.1						1.5	12.3
W			.3	.5	.4							1.1	14.3
WNW		.1	.4	.1								.6	8.2
NW		.1	.1	.3								.5	9.[illegible]
NNW			.3	.3	1.0	.6	.8					2.9	21.8
VARBL													
CALM												5.3	
	2.5	5.1	14.1	21.3	22.5	16.6	7.5	4.4	.5			1[illegible]0.0	16.9

TOTAL NUMBER OF OBSERVATIONS 787

USAFETAC FORM [illegible] PREV. 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)

STATION	STATION NAME	YEARS	MONTH
7 .17[illegible]	TIN CITY AFS AK	73-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED (KNTS) / DIR	1 - 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	.6	2.5	6.4	6.4	6.4	1.1	1.1				25.5	18.4
NNE	.5	3.1	4.3	6.7	7.2	4.4	1.8	1.6	.3			29.8	16.9
NE	.1	1.1	1.0	1.6	2.4	.9	.3	.1	.3			7.8	16.1
ENE		.8	.8	.1	.1							1.8	8.1
E	.1	.3	.1									.5	5.3
ESE				.1	.3	.1						.5	19.5
SE	.1		.8	1.0	1.5	.6	.5	.5				5.0	19.5
SSE		.3	.8	1.8	1.4	2.3	1.5	1.0				8.9	22.1
S		.4	.5	.4		.9	.3	.5				2.9	20.7
SSW			.6	.8	.6	.6		.1				2.8	17.1
SW		.5	.8	.4		.3	.1	.1				2.1	13.2
WSW			.3	.3	.8	.1	.3					1.6	18.7
W	.1	.1	.3		.3							.6	10.0
WNW						.1	.1					.3	26.5
NW	.1	.1	.1		.1	.1						.6	12.2
NNW	.1		.6	1.0	1.5	.6						3.9	16.6
VARBL													
CALM												5.2	
	2.1	7.3	13.3	20.5	22.5	17.5	5.9	5.2	.5			100.0	16.7

TOTAL NUMBER OF OBSERVATIONS 795

USAFETAC FORM [illegible] 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)

STATION	STATION NAME	YEARS	MONTH
7 117	TIN CITY AFS AK	77-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 1200-1400

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.3	2.2	2.0	6.6	6.5	4.7	1.4	1.4				25.1	18.0
NNE	.4	3.0	3.9	6.9	5.6	4.7	2.0	2.1				28.5	17.4
NE	.1	1.4	1.0	1.8	2.2	1.0	.4	.4				8.5	15.9
ENE		.5	.5	.4	.3							1.7	10.2
E	.3	.1		.1			.1					.7	10.2
ESE		.1	.1	.1	.3	.3	.3					1.2	16.8
SE	.1	.1	.7	1.3	1.2	.4	.3					4.0	15.7
SSE		.4	.9	2.0	1.7	1.7	1.4	.9	.1			9.1	21.2
S		.1	.8	1.7	.1	.8	.3	.4				4.2	18.0
SSW		.4	.4	.3	.5	.9	.1					2.6	18.0
SW			.5	.5	.4	.1	.3					1.8	15.8
WSW		.3	.1	.9	.3		.1					1.7	13.8
W			.1	.5	.4	.4	.3					1.7	19.8
WNW	.1	.1	.1				.1					.5	10.8
NW	.1			.4	.1	.3						.9	16.4
NNW	.1	.1	.1	.9	1.6	.4	.1	.3				3.6	18.5
VARBL													
CALM												4.3	
	1.6	9.0	11.3	24.4	21.1	15.6	7.2	5.5	.1			100.0	16.8

TOTAL NUMBER OF OBSERVATIONS 769

USAFETAC FORM JUL 64 0-R-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)

STATION	STATION NAME	YEARS	MONTH
7 117[illegible]	TIN CITY AFS AK	73-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 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	1.6	2.1	5.4	6.7	4.1	1.3	.7				23.1	17.8
NNE	.9	1.9	3.1	3.3	5.6	5.0	2.6	2.4				3[illegible].7	16.2
NE	.6	.6	2.1	2.6	1.1	1.3	.4	.1				8.8	14.4
ENE	.1	1.3	.4	.3								1.9	7.5
E	.1	.3			.3	.3						1.0	14.3
ESE			.3									.3	9.0
SE	.3	.3	1.0	1.9	1.4	.7	.3					5.8	15.1
SSE	.1	.4	1.3	1.4	.4	1.9	.7	1.1	.1			7.6	20.5
S	.4	.6	.4	1.7	.9	2.1	.1	.1	.3	.1		6.8	18.7
SSW			.3	.7	.1	.1	.4					1.7	18.1
SW		.1	.1	.7	.4							1.4	14.1
WSW			.3	.3	.4		.1					1.1	16.3
W		.1	.4	.6	.1	.3						1.6	14.3
WNW		.1	.1	.3	.6	.1						1.3	15.0
NW				.3	.3							.6	17.3
NNW		.1	.1	.9	.3	.3	.4	.1				2.3	19.2
VARBL													
CALM												4.3	
	2.7	7.1	12.3	27.2	18.7	16.3	6.4	4.7	.4	.1		100.0	16.6

TOTAL NUMBER OF OBSERVATIONS 701

USAFETAC FORM JUL 64 9-8-5 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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73,77-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 1800-2000

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		.2	1.2	3.7	4.3	3.5	1.4	1.2				15.6	20.3
NNE	.8	.6	6.8	8.6	6.8	7.0	4.3	1.6	.6			37.2	18.8
NE	.2	1.4	1.6	2.9	1.9	3.1	1.2					12.3	16.7
ENE	.4	1.0	1.0	.6	.6							3.7	9.6
E		.2	.2			.2						.6	13.7
ESE	.2				.6	.2						1.0	16.4
SE		.4	.4	.4	.2		.4					1.9	14.2
SSE		.4	.6	.8	1.4	2.3	1.0	1.0	.8			8.4	24.2
S		.4	.8	1.0	1.0	2.1	1.2	.2	.2	.2		7.2	21.8
SSW	.4			.4	.6							1.4	12.1
SW		.4		.2	.2							.8	10.5
WSW				.2		.4						.6	19.7
W			.4	.6	.2							1.2	13.2
WNW		.2	.6	.2	.4							1.4	11.9
NW		.2	.2	.4		.2						1.0	13.6
NNW		.2	.2	.4	.2	.8	.4					2.3	19.5
VARBL													
CALM												3.1	
	2.1	5.3	14.2	20.6	18.5	19.8	10.1	4.1	1.6	.2		100.0	18.3

TOTAL NUMBER OF OBSERVATIONS 486

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)

STATION	STATION NAME	YEARS	MONTH
7 2170	TIN CITY AFS AK	73-81	NOV

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED (KNTS) / DIR	1 - 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	1.8	5.6	4.9	5.7	1.8	.5				21.7	18.6
NNE	.5	1.0	4.4	7.4	6.0	6.0	2.6	1.6	.3			29.9	18.7
NE	.3	.8	2.0	2.8	2.0	2.9	1.1					11.9	16.9
ENE		1.0		1.0	.7							2.6	11.4
E		.3	.2	.3	.3	.7						1.3	13.6
ESE		.3		.3								.5	10.3
SE	.2	.3	.5	.2	1.0	.7						2.9	15.7
SSE		.2	.5	1.1	2.3	1.1	.3	1.5	.5	.2	.2	7.8	24.9
S	.3	.2	.3	1.6	1.1	1.5	.8	.3	.2			6.4	23.4
SSW		.3	.5	.5	.2							1.5	11.1
SW		.2	.2	.3	.2							.8	12.4
WSW		.3		.3	.3							.8	13.2
W		.2	.7	.3	.3							1.5	11.4
WNW		.3	.2									.5	7.0
NW		.3	.2	.3								.7	10.8
NNW	.3		.5	.3	.5	1.5						3.1	17.8
VARBL													
CALM												6.4	
	2.1	6.0	11.8	22.4	19.8	19.6	6.7	3.9	1.0	.2	.2	100.0	17.0

TOTAL NUMBER OF OBSERVATIONS 612

USAFETAC FORM JUL 64 5-8-5 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)

STATION	STATION NAME	YEARS	MONTH
7 .17	TIN CITY AFS AK	72-8	NOV

CLASS: ALL WEATHER

HOURS (LST): ALL

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.1	2.7	5.9	6.7	5.1	1.6	.9	.2			24.6	18.3
NNE	.5	1.9	4.2	7.3	6.2	5.2	2.1	1.5	.3			29.0	17.8
NE	.2	.9	1.4	2.2	1.7	1.7	.7	.1	.2			9.0	16.2
ENE	.2	.6	.6	.5	.4	.0	.0					2.2	13.7
E	.2	.3	.1	.1	.1	.1	.0					.9	10.3
ESE	.1	.1	.1	.1	.2	.1	.0					.6	14.5
SE	.1	.2	.6	.8	.9	.6	.3	.1				3.7	16.9
SSE	.1	.3	.8	1.6	1.5	1.8	1.0	1.0	.2	.1	.0	8.6	21.7
S	.3	.3	.4	1.0	.8	1.3	.5	.3	.1	.0		5.0	19.9
SSW	.0	.2	.3	.4	.4	.3	.1	.1	.0			1.9	17.0
SW		.2	.3	.3	.2	.1	.1	.1				1.4	15.1
WSW	.0	.2	.2	.5	.4	.1	.1					1.0	14.2
W	.1	.1	.3	.5	.3	.1	.0					1.4	13.4
WNW	.0	.1	.2	.1	.1	.1	.0					.6	13.6
NW	.1	.1	.1	.3	.1	.1						.7	12.8
NNW	.1	.1	.5	.7	.9	.7	.3	.1				3.3	17.9
VARBL													
CALM												5.4	
	2.3	6.3	13.0	22.4	21.0	17.2	7.0	4.2	.7	.1	.0	100.0	16.7

TOTAL NUMBER OF OBSERVATIONS 5721

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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 0300-0900

CONDITION:

SPEED (KNTS) DIR.	1 - 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	5.9	10.3	12.1	5.9	3.2	.4			40.5	22.5
NNE	.1	1.2	3.1	6.5	8.1	5.7	2.2	.6	.1			27.3	18.4
NE	.2	.6	1.2	.5	1.6	2.1	.1					6.3	16.2
ENE		.1	.1	.1								.4	7.7
E		.1		.2								.4	11.3
ESE						.1						.1	26.[illegible]
SE		.1	.2	.1	.2	.2		.6				1.8	23.6
SSE		.4	.1	.4	.4	.9	.6	.1				2.6	20.8
S	.4	.2	.5	1.5	1.6	1.4	.1	.4	.5			8.6	19.5
SSW	.4	.2	.4	.5		.5	.4					2.4	14.9
SW	.1	.2	.5	.4	.1							1.4	9.4
WSW			.1	.2								.4	11.7
W	.1	.1		.1								.4	7.5
WNW		.2	.2		.2							.7	11.0
NW		.1	.2		.1	.1						.6	12.8
NNW		.1			.2	.4	.1					.9	20.7
VARBL													
CALM												6.5	
	1.5	4.4	9.1	16.5	23.1	23.6	9.5	5.0	1.0			100.0	16.5

TOTAL NUMBER OF OBSERVATIONS 872

USAFETAC FORM JUL 64 [illegible] 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)

STATION	STATION NAME	YEARS	MONTH
7 117	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 0-2500

CONDITION:

SPEED (KNTS) / DIR.	1 - 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	2.4	7.3	9.9	11.3	4.3	4.7	.6			41.1	22.2
NNE	.2	.5	2.6	6.4	8.1	5.5	2.9	.4	.2	.1		27.0	19.2
NE	.1	.5	.4	1.5	1.2	2.2						5.9	17.1
ENE		.4	.1	.1	.2							.9	11.0
E			.5	.1		.1						.9	12.0
ESE													
SE		.1		.2	.1	.6		.5	.2			1.9	27.1
SSE	.2	.2	.2	.4	.6	1.0	.4	.4				3.5	20.0
S	.4	.1	.4	1.4	1.9	1.2		.6	.1			6.1	19.3
SSW	.9	.1		.4	.4	.7	.1					3.1	11.1
SW	.5	.4	.2	.5	.1	.1	.2					2.1	11.6
WSW	.1					.7						.4	18.0
W	.1				.2							.4	13.0
WNW		.1		.1	.1							.4	12.0
NW			.1			.1						.2	16.0
NNW	.1			.1	.1	.6	.4					1.4	21.5
VARBL													
CALM												5.8	
	2.9	3.1	7.1	18.6	23.0	23.3	8.3	6.6	1.2	.1		100.0	18.9

TOTAL NUMBER OF OBSERVATIONS 807

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)

STATION	STATION NAME	YEARS	MONTH
7 2170	TIN CITY AFS AK	73-84	DEC

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.2	1.5	7.1	9.7	13.0	5.8	3.1	.4	.4		41.2	22.8
NNE	.2	.9	3.0	6.7	6.4	6.7	2.6	.4				26.9	18.4
NE	.1	.4	1.1	2.5	2.1	1.0	.5	.2				7.9	17.1
ENE	.1		.2	.4	.1							.9	11.3
E		.1					.1					.2	17.0
ESE			.2	.1								.4	9.7
SE	.1	.5	.1	.1	.1	.2	.2					1.5	13.8
SSE	.1	.2		.9	.7	.6	.4	1.0				4.[illegible]	22.8
S	.5	.5	.5	.7	1.0	1.2	.5	.4				5.3	17.6
SSW	.2	.5	.1	.4	.6		.1					2.1	12.6
SW		.4	.5	.6		.1						1.6	10.1
WSW	.2	.4		.2		.2						1.1	10.9
W		.2			.2							.5	11.5
WNW			.1	.1								.2	12.0
NW			.6	.1		.1						.9	11.4
NNW					.1	.4	.1					.6	24.0
VARBL													
CALM												4.7	
	1.9	4.5	8.0	19.9	21.2	23.6	10.4	5.1	.4	.4		100.0	18.8

TOTAL NUMBER OF OBSERVATIONS 808

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)

STATION	STATION NAME	YEARS	MONTH
7 .170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 0900-1100

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N			1.0	7.5	8.5	12.5	5.9	3.3	.1	.4		39.2	23.0
NNE		.1	3.6	7.4	6.4	6.5	4.1	.6				28.7	19.4
NE	.2	.1	.7	2.6	1.4	1.5	.2	.1				6.9	16.8
ENE	.1	.1	.4	.1								.7	8.2
E	.2			.4								.6	7.8
ESE		.1										.1	5.0
SE	.1		.1	.1		.2						.5	14.0
SSE	.1	.2	.1	.5	.7	.9	.9	.4				3.3	21.9
S	.1	.5	1.4	1.4	1.0	1.2	.2	.9				8.7	17.9
SSW	.2	.7	.5	.2	.2	.1		.1				2.2	13.7
SW	.2	.2	.2			.4						1.1	11.8
WSW		.1			.1							.2	12.0
W		.1	.4	.1	.2							.9	11.3
WNW			.1									.1	7.0
NW		.4	.4	.2								1.0	9.3
NNW		.4	.4	.6	.1	.4	.2	.1				2.2	16.6
VARBL													
CALM												4.8	
	1.5	3.2	9.2	21.2	18.7	23.7	11.6	5.5	.1	.4		100.0	16.9

TOTAL NUMBER OF OBSERVATIONS 811

USAFETAC FORM JUL 64 0-R-5 0-L-4 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)

STATION	STATION NAME	YEARS	MONTH
7 1170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

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

CONDITION:

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.1	.6	1.8	7.5	6.6	11.6	6.8	2.2	.3	.3		37.8	22.3
NNE	.1	.6	3.9	8.2	6.5	7.7	3.8	.4				31.2	18.9
NE	.4	.6	.9	1.4	1.6	.9	.1					6.0	14.4
ENE		.4										.4	4.3
E				.4	.1							.5	15.5
ESE	.1			.1								.3	6.0
SE		.3		.1		.1	.1					.6	15.8
SSE	.1	.1	.1	.6	.5	1.0	.3	.3	.1			3.8	22.5
S	.5	.9	1.4	.8	2.1	1.0	.3	.5				7.5	16.0
SSW	.3	.6	.5		.1	.1		.3				2.5	10.2
SW		.4		.1		.3	.3					1.0	16.3
WSW			.1	.1	.1							.4	14.7
W	.1	.1		.1		.4						.8	15.3
WNW		.1										.1	5.0
NW		.1		.4	.1							.6	13.0
NNW		.1	.3	1.0	.4	.3	.1					2.2	15.6
VARBL													
CALM												4.3	
	2.3	5.2	9.1	21.0	18.2	23.4	12.2	3.6	.4	.3		100.0	16.5

TOTAL NUMBER OF OBSERVATIONS 770

USAFETAC FORM 1 JUL 64 TAKES OVER 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)

STATION	STATION NAME	YEARS	MONTH
7 [illegible]170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (L S T): 1500-1700

CONDITION:

SPEED (KNTS) DIR.	1 - 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	7.0	4.0	10.3	5.1	1.1	.2	.2		30.1	21.6
NNE		1.1	4.1	5.4	9.7	8.6	3.6	1.4	.2			34.1	19.5
NE	.2	1.1	.6	1.3	1.1	1.1	.5	.2	.2			6.2	16.3
ENE		.2			.3							.5	15.3
E			.3	.2								.5	1[illegible].7
ESE				.2								.2	12.[illegible]
SE		.3	.2	.2	.2	.3	.2	.2	.3			1.7	23.6
SSE		.2	.3	.5	.8	.8	1.0					3.5	20.5
S	.2	.8	1.1	3.2	1.7	1.1	.5	.2				8.7	15.7
SSW	.3	.3	1.0	.2	.6	.2	.2					2.7	12.0
SW	.2	.5			.2	.3						1.1	12.1
WSW		.3	.2	.5	.6							1.6	13.8
W		.2	.2		.3	.2						.8	15.4
WNW	.3											.3	2.0
NW			.2	.5								.6	12.0
NNW		.2	.6	.2	.3	.3	.3	.2				2.1	18.6
VARBL													
CALM												5.4	
	1.1	5.2	10.9	19.0	19.8	23.1	11.3	3.2	.8	.2		100.0	18.1

TOTAL NUMBER OF OBSERVATIONS 631

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)

STATION	STATION NAME	YEARS	MONTH
7 [illegible]17[illegible]	TIN CITY AFS AK	73,77-81	DEC

CLASS: ALL WEATHER

HOURS (L S T): 1800-2000

CONDITION:

SPEED KNTS DIR	1 - 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	1.8	5.2	6.2	6.6	2.4	.8				23.6	19.9
NNE		2.0	3.8	5.4	10.0	11.8	3.0	.8	.4			37.3	19.5
NE		.8	1.4	.8	1.2	.8						5.0	13.5
ENE	.4		.4									.8	4.8
E		.2	.4	.2								.8	9.3
ESE	.2				.2							.4	11.0
SE			.2	.4	.2	.4						1.2	17.8
SSE	.2	.6	.8	.8	.4	1.2	.8	.2				5.0	18.0
S	.6	1.6	1.0	3.0	3.0	2.0	.2	.4	.2			12.0	16.2
SSW	.4	.6	.2	.2		.8						2.2	11.9
SW	.4	.2	.4	.8								1.8	8.6
WSW	.6		.2		.6							1.4	10.1
W				.2	.6	.4						1.2	19.7
WNW													
NW				.4	.2							.6	14.7
NNW		.2	.4									.6	7.3
VARBL													
CALM												6.0	
	2.8	6.9	11.0	17.4	22.6	24.0	6.4	2.2	.6			100.0	16.8

TOTAL NUMBER OF OBSERVATIONS 499

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

SURFACE WINDS

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

STATION	STATION NAME	YEARS	MONTH
7[illegible]170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 2100-2300

CONDITION:

SPEED KNTS / DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N		1.2	1.4	6.2	8.5	9.7	3.7	2.8				33.4	21.2
NNE		1.7	2.9	5.4	7.5	10.6	1.8	.9	.6			31.5	19.7
NE		.9	.5	.8	1.2	.6	.2					4.2	14.9
ENE		.3		.7	.2							.6	10.3
E			.2									.2	7.[illegible]
ESE	.2			.5								.6	11.6
SE	.2	.5	.3	.2	.3	.2		.2				1.7	12.9
SSE		.2	.3	.9	.9	.8	.6	.3				4.0	20.9
S	1.4	1.2	1.1	2.3	2.3	1.8	.9	.2	.2	.2		11.5	16.4
SSW	.5	.3	.2	.3	.2							1.4	7.8
SW	.2	.8	.3									1.2	5.0
WSW	.5	.6	.5	.3	.3							2.2	8.7
W		.2			.2	.2						.5	15.3
WNW			.3									.3	7.5
NW	.3				.2							.5	8.0
NNW		.2			.2	.5	.2					.9	20.5
VARBL													
CALM												5.4	
	3.1	8.0	7.8	16.9	21.8	24.3	7.4	4.3	.8	.2		100.0	17.7

TOTAL NUMBER OF OBSERVATIONS 650

USAFETAC FORM JUL 64 [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)

STATION	STATION NAME	YEARS	MONTH
7 .170	TIN CITY AFS AK	73-81	DEC

CLASS: ALL WEATHER

HOURS (LST): 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	.4	1.8	6.8	8.2	11.1	5.1	2.8	.3	.2		36.8	22.2
NNE	.1	1.0	3.3	6.5	7.7	7.6	3.0	.7	.2	.0		30.1	19.1
NE	.2	.6	.8	1.5	1.5	1.3	.2	.1	.0			6.2	16.1
ENE	.1	.2	.2	.1	.1							.6	9.4
E	.0	.1	.2	.2	.0	.0	.0					.5	11.7
ESE	.1	.0	.0	.1	.0	.0						.2	11.2
SE	.1	.2	.1	.2	.1	.3	.1	.2	.1			1.3	19.7
SSE	.1	.3	.2	.6	.6	.9	.7	.3	.0			3.7	21.0
S	.5	.7	.9	1.7	1.7	1.3	.3	.4	.1	.0		7.7	17.2
SSW	.5	.4	.3	.3	.3	.2	.1	.1				2.2	11.6
SW	.2	.4	.3	.3	.1	.2	.1					1.4	10.6
WSW	.2	.2	.1	.2	.2	.1						.9	11.5
W	.1	.1	.1	.1	.2	.1						.6	14.0
WNW	.0	.1	.1	.0	.1							.3	9.2
NW	.0	.1	.2	.2	.1	.1						.6	11.4
NNW	.0	.1	.2	.3	.2	.4	.2	.0				1.4	16.2
VARBL													
CALM												5.3	
	2.1	4.9	8.9	18.9	21.0	23.6	9.8	4.6	.7	.2		100.0	16.4

TOTAL NUMBER OF OBSERVATIONS 5778

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)

STATION	STATION NAME	YEARS	MONTH
7 [illegible]	TIN CITY AFS AK	73-81	ALL

CLASS	HOURS (LST)
ALL WEATHER	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	.3	.8	2.2	6.0	7.5	7.8	2.3	1.2	.1	.0		28.7	19.9
NNE	.4	1.7	3.9	7.0	6.1	5.3	1.8	.6	.1	.0		26.9	17.1
NE	.2	.8	1.5	1.9	1.2	1.2	.3	.1	.0	.0		7.2	14.6
ENE	.1	.2	.3	.2	.1	.0	.0	.0				1.1	9.8
E	.1	.2	.2	.1	.0	.0	.0					.6	7.8
ESE	.1	.1	.1	.1	.1	.0	.0					.6	10.6
SE	.2	.3	.4	.5	.4	.2	.1	.0	.0			2.2	14.2
SSE	.2	.5	.9	1.4	1.1	.8	.4	.2	.0	.0	.0	5.6	16.3
S	.5	1.3	1.9	2.6	1.5	.8	.2	.1	.0	.0		9.1	13.2
SSW	.4	.9	1.1	1.2	.6	.2	.0	.0	.0			4.5	10.9
SW	.3	.6	.7	.8	.3	.1	.0	.0				2.9	10.3
WSW	.2	.4	.4	.3	.1	.0	.0					1.5	9.3
W	.1	.3	.3	.2	.1	.0	.0					1.0	9.0
WNW	.0	.1	.1	.0	.0	.0	.0					.3	10.8
NW	.0	.1	.1	.1	.1	.0	.0					.5	12.7
NNW	.1	.1	.3	.5	.5	.3	.1	.0	.0			1.9	16.2
VARBL													
CALM												5.7	
	3.4	8.3	14.5	23.0	19.7	17.0	5.8	2.2	.3	.1	.0	100.0	15.4

TOTAL NUMBER OF OBSERVATIONS 69857

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)

STATION	STATION NAME	YEARS	MONTH
7 2170	TIN CITY AFS AK	73-81	ALL

INSTRUMENT (CLASS) — ALL (HOURS (LST))

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

SPEED (KNTS) DIR	1 - 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	1.6	6.1	9.5	11.5	3.9	1.6	.1			34.9	21.2
NNE	.2	.6	1.8	5.3	6.2	6.5	2.3	.7	.0			23.5	19.5
NE	.2	.3	.6	1.1	.9	.6	.4	.1				4.4	16.9
ENE	.1	.1	.1	.1	.1	.0	.0					.5	10.4
E	.1	.1	.1	.0	.0	.0						.3	7.8
ESE	.1	.1	.1	.1	.2	.1	.0					.5	13.4
SE	.1	.2	.3	.6	.6	.4	.2	.1	.0			2.4	16.8
SSE	.1	.4	.6	1.5	1.6	1.3	.7	.4	.0	.0		6.9	18.6
S	.3	1.1	2.0	3.1	2.1	1.4	.4	.2	.0	.0		10.6	15.1
SSW	.3	.6	1.2	1.8	.9	.3	.1	.0				5.2	12.7
SW	.2	.4	.8	.8	.6	.1	.0	.0				3.1	12.3
WSW	.1	.3	.3	.4	.2	.0	.0					1.4	10.9
W	.1	.2	.2	.2	.1	.0	.0					.8	9.8
WNW	.0	.0	.0	.0	.0	.0						.2	14.5
NW	.0	.0	.1	.1	.1	.1	.0					.4	15.7
NNW	.0	.1	.3	.6	.6	.5	.2	.1	.0			2.4	18.0
VARBL													
CALM												2.4	
	2.0	5.0	10.3	21.9	23.8	23.1	8.1	3.1	.2	.0		100.0	18.0

TOTAL NUMBER OF OBSERVATIONS 24765

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 10 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.

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

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

Continued on reverse side

D

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	≥ ½	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											[illegible]
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						97.1
≥ 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 ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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CEILING VERSUS VISIBILITY

7 117 TIN CITY AFS AK 73-81 JAN

[illegible] 0000-2200

17.1	28.6	32.1	32.7	35.8	36.6	38.7	41.7	42.7	45.8	47.1	47.1	48.8	48.8	49.5	51.2
17.1	29.0	32.2	32.9	36.2	37.0	39.1	42.1	43.1	46.2	47.5	47.5	49.2	49.2	49.9	51.6
17.1	29.4	32.6	33.2	36.6	37.4	39.5	42.7	43.8	46.9	48.2	48.2	49.9	49.9	50.5	52.2
17.1	29.4	32.6	33.2	36.6	37.4	39.5	42.7	43.8	46.9	48.2	48.2	49.9	49.9	50.5	52.2
17.5	29.7	33.2	33.9	37.3	38.1	40.1	43.4	44.4	47.5	49.0	49.0	50.6	50.6	51.3	53.0
18.1	30.4	33.9	34.5	37.9	38.7	40.9	44.2	45.2	48.3	49.7	49.7	51.4	51.4	52.1	53.8
18.4	31.7	35.2	35.8	39.2	40.0	42.2	45.5	46.5	49.6	51.0	51.2	52.9	52.9	53.5	55.2
18.4	31.7	35.2	35.8	39.2	40.0	42.2	45.5	46.5	49.6	51.2	51.2	52.9	52.9	53.5	55.2
19.9	33.9	37.5	38.2	41.6	42.3	44.5	48.2	49.2	52.3	54.0	54.0	55.7	55.7	56.4	58.1
21.6	36.5	41.1	40.9	44.3	45.1	47.3	50.9	52.1	55.5	57.1	57.1	58.8	58.8	59.5	61.2
22.2	38.1	41.7	42.7	46.2	47.1	49.4	53.4	54.5	57.9	59.6	59.6	61.3	61.3	61.9	63.6
22.2	38.4	42.1	43.1	46.6	47.5	49.7	53.8	54.9	58.3	60.0	60.0	61.7	61.7	62.3	64.0
22.5	38.7	42.3	43.4	46.9	47.8	50.0	54.0	55.2	58.6	60.3	60.3	61.9	61.9	62.6	64.3
24.3	41.3	44.9	46.0	49.7	50.6	53.1	57.1	58.3	61.7	63.4	63.4	65.2	65.2	65.8	67.5
25.8	43.5	47.1	48.4	52.5	53.4	55.8	59.9	61.0	64.4	66.1	66.1	68.1	68.1	68.7	70.4
26.5	44.7	48.3	49.7	54.2	55.1	57.5	61.6	62.7	66.1	67.8	67.8	69.7	69.7	70.4	72.1
26.6	46.5	50.1	51.6	56.1	57.0	59.6	63.6	64.8	68.2	69.9	69.9	71.8	71.8	72.5	74.2
26.9	47.3	51.2	53.0	57.7	58.6	61.8	66.1	67.3	70.9	72.6	72.6	74.5	74.5	75.2	76.9
27.0	47.8	51.8	53.6	58.4	59.4	62.9	67.3	69.6	72.2	73.9	73.9	75.8	75.8	76.5	78.2
27.0	48.8	53.0	55.5	60.1	61.0	64.8	69.9	71.6	75.6	77.3	77.3	79.2	79.2	79.9	81.6
27.0	49.2	53.4	56.0	60.8	61.8	66.2	71.3	73.0	77.3	79.0	79.0	81.0	81.0	81.7	83.4
27.0	49.6	53.9	56.5	61.4	62.5	67.1	72.6	74.4	78.8	80.8	80.8	82.9	82.9	83.5	85.5
27.1	50.0	54.7	57.3	62.2	63.2	67.9	73.5	75.5	79.9	82.1	82.1	84.2	84.2	84.8	86.9
27.3	50.4	55.3	58.1	63.4	64.4	69.2	75.2	77.3	81.7	84.3	84.3	86.5	86.6	87.3	89.4
27.4	51.0	56.7	59.0	64.4	65.7	71.0	77.3	79.4	84.2	86.8	86.8	89.1	89.2	90.1	92.7
27.4	51.2	56.5	59.2	64.7	66.2	71.7	77.9	80.1	85.6	88.3	88.3	90.8	91.0	92.1	94.8
27.5	51.3	56.6	59.5	65.2	66.6	72.2	78.7	80.9	86.4	89.2	89.2	91.7	91.9	93.2	96.0
27.5	51.3	56.6	59.5	65.5	67.0	72.5	79.2	81.4	87.3	90.1	90.1	92.6	92.9	94.2	97.1
27.5	51.3	56.6	59.5	65.5	67.0	72.5	79.2	81.4	87.3	90.4	90.5	93.2	93.5	94.8	97.8
27.5	51.3	56.6	59.5	65.5	67.0	72.5	79.2	81.4	87.3	90.4	90.5	93.6	93.9	95.3	98.6
27.5	51.3	56.6	59.5	65.5	67.0	72.5	79.2	81.4	87.3	90.4	90.5	93.8	94.0	95.6	99.7
27.5	51.3	56.6	59.5	65.5	67.0	72.5	79.2	81.4	87.3	90.4	90.5	93.8	94.0	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 [illegible] TIN CITY AFS AK 73-81 JAN

0300-0500

15.9	30.1	32.8	34.7	38.1	38.8	40.3	43.2	44.6	47.4	48.6	48.6	49.4	49.4	50.3	51.4
16.0	30.2	33.0	34.8	38.3	39.1	40.8	43.7	45.2	48.1	49.2	49.2	50.1	50.1	50.9	52.1
16.6	31.2	34.0	35.8	39.3	40.1	41.8	45.1	46.6	49.4	50.6	50.6	51.4	51.4	52.3	53.4
16.6	31.2	34.0	35.6	39.3	40.1	41.8	45.1	46.6	49.4	50.6	50.6	51.4	51.4	52.3	53.4
16.7	31.3	34.1	36.0	39.5	40.2	41.9	45.2	46.7	49.6	50.7	50.7	51.6	51.6	52.4	53.6
16.7	31.3	34.1	36.0	39.5	40.2	41.9	45.2	46.7	49.6	50.7	50.7	51.6	51.6	52.4	53.6
17.2	32.7	35.6	37.5	40.9	41.7	43.6	46.8	48.3	51.2	52.3	52.3	53.2	53.2	54.1	55.2
17.2	33.1	36.0	37.8	41.3	42.1	43.9	47.2	48.7	51.6	52.7	52.7	53.6	53.6	54.4	55.6
18.2	35.0	38.0	39.6	43.3	44.1	45.9	49.3	50.8	53.7	54.8	54.8	55.7	55.7	56.6	57.7
19.7	36.8	39.8	41.7	45.2	45.9	48.1	51.4	52.9	55.6	56.9	56.9	57.8	57.8	58.7	59.6
20.2	38.0	41.6	43.6	47.2	47.9	50.3	54.2	55.9	58.8	59.9	59.9	60.8	60.8	61.7	63.0
20.5	38.6	42.2	44.2	47.8	48.6	50.9	54.8	56.6	59.4	60.5	60.5	61.4	61.4	62.3	63.7
20.8	39.3	42.9	44.9	48.6	49.3	51.7	55.6	57.3	60.2	61.3	61.3	62.2	62.2	63.0	64.4
21.7	41.1	44.7	46.6	50.4	51.2	53.9	57.8	59.6	62.4	63.5	63.5	64.4	64.4	65.3	66.7
22.6	42.7	46.4	48.6	52.2	52.9	55.7	59.8	61.5	64.4	65.5	65.5	66.5	66.5	67.4	68.8
23.2	43.8	47.6	49.9	53.7	54.4	57.2	61.3	63.0	66.0	67.2	67.2	68.2	68.2	69.0	70.4
23.7	45.7	49.6	52.1	55.8	56.6	59.3	63.4	65.2	68.7	69.8	69.8	70.8	70.6	71.7	73.0
23.8	46.9	51.6	54.1	58.4	59.2	62.2	66.3	68.3	72.0	73.5	73.5	74.5	74.5	75.4	76.8
24.2	47.4	52.1	54.7	59.3	60.0	63.4	67.5	69.8	73.5	75.0	75.0	76.0	76.0	76.9	78.3
24.3	48.4	53.2	55.9	61.2	61.9	65.3	69.4	72.0	76.3	77.8	77.8	78.8	78.8	79.7	81.0
24.3	48.7	53.6	56.4	61.9	62.8	66.8	71.3	74.0	78.3	79.8	79.8	80.8	80.8	81.6	83.0
24.3	49.2	54.1	56.9	62.5	63.4	67.4	71.9	74.7	79.0	81.0	81.0	82.0	82.0	82.9	84.6
24.3	49.4	54.7	57.6	63.3	64.2	68.2	73.0	75.9	80.3	82.5	82.6	83.6	83.6	84.5	86.3
24.5	50.2	55.8	58.7	64.5	65.8	69.8	75.0	78.0	82.6	85.1	85.3	86.8	86.8	87.8	89.9
24.5	50.8	56.4	59.3	65.2	66.7	70.8	76.3	79.4	84.1	86.6	86.8	88.3	88.3	89.4	91.6
24.5	50.8	56.6	59.4	65.3	66.8	70.9	76.8	80.1	85.4	87.9	88.0	89.6	89.6	90.8	93.5
24.8	51.2	56.9	60.0	66.0	67.5	71.7	77.9	81.5	86.8	89.3	89.4	91.4	91.4	92.5	95.6
24.8	51.2	56.9	60.0	66.3	67.8	71.9	78.3	81.9	87.1	89.8	89.9	91.9	91.9	93.0	96.8
24.8	51.2	56.9	60.0	66.3	68.0	72.2	78.5	82.3	87.5	90.4	90.5	92.6	92.6	93.9	98.0
24.8	51.2	56.9	60.0	66.3	68.0	72.2	78.5	82.3	87.5	90.9	91.0	93.4	93.4	94.8	99.1
24.8	51.2	56.9	60.0	66.3	68.0	72.2	78.5	82.3	87.5	90.9	91.0	93.4	93.4	94.8	99.9
24.8	51.2	56.9	60.0	66.3	68.0	72.2	78.5	82.3	87.5	90.9	91.0	93.4	93.4	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2170 TIN CITY AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
AND CUMULATIVE PERCENTAGE

16.7	29.8	32.5	34.1	37.3	38.1	40.6	43.1	44.2	45.3	46.7	46.7	47.9	47.9	48.8	50.0
16.7	30.0	32.8	34.4	37.6	38.3	40.9	43.4	44.7	45.8	47.1	47.1	48.4	48.4	49.3	50.5
17.1	31.4	34.1	35.7	39.1	39.8	42.4	45.3	46.5	47.6	49.0	49.0	50.2	50.2	51.1	52.4
17.2	31.5	34.2	35.9	39.2	40.0	42.6	45.4	46.7	47.8	49.1	49.1	50.4	50.4	51.2	52.5
17.6	31.9	34.6	36.2	39.6	40.3	42.9	45.8	47.0	48.1	49.5	49.5	50.7	50.7	51.6	52.9
17.7	32.0	34.7	36.4	39.7	40.4	43.1	45.9	47.1	48.3	49.6	49.6	50.9	50.9	51.7	53.0
18.7	33.6	36.4	38.0	41.3	42.1	44.7	47.5	48.8	49.9	51.2	51.2	52.5	52.5	53.3	54.6
18.7	34.1	37.0	38.6	41.9	42.7	45.3	48.1	49.4	50.5	51.9	51.9	53.1	53.1	54.0	55.2
19.9	36.2	39.2	40.8	44.2	44.9	47.6	50.6	52.0	53.2	54.6	54.6	55.8	55.8	56.7	57.9
20.7	38.1	41.1	42.6	46.2	46.9	49.6	53.0	54.3	55.6	56.9	56.9	58.2	58.2	59.1	60.3
21.7	39.7	42.7	44.4	48.0	48.8	51.6	55.3	56.7	57.9	59.3	59.3	60.7	60.7	61.7	63.3
22.0	40.1	43.3	45.4	49.3	50.0	52.9	56.6	58.2	59.6	60.9	60.9	62.3	62.3	63.4	65.0
22.0	40.2	43.4	45.5	49.4	50.1	53.0	56.7	58.3	59.7	61.0	61.0	62.4	62.4	63.5	65.1
23.0	41.8	45.2	47.3	51.2	52.0	55.0	59.1	60.7	62.0	63.4	63.4	64.8	64.8	65.9	67.6
23.9	42.9	46.3	48.4	52.4	53.1	56.1	60.2	61.8	63.3	64.6	64.6	66.0	66.0	67.2	69.0
24.1	43.2	46.5	48.6	53.0	53.7	56.7	60.9	62.7	64.3	65.6	65.6	67.0	67.0	68.2	70.0
24.3	43.9	47.3	49.6	54.1	54.8	58.1	62.3	64.0	66.0	67.4	67.4	68.7	68.7	70.0	71.7
24.8	44.9	48.3	50.6	55.2	56.0	59.6	63.8	65.9	68.2	70.0	70.0	71.3	71.3	72.6	74.3
25.2	45.3	49.0	51.4	56.3	57.1	60.7	64.9	67.1	69.5	71.2	71.2	72.6	72.6	73.8	75.6
25.7	46.0	49.9	52.4	57.6	58.3	62.3	66.5	69.1	72.0	73.7	73.7	75.1	75.1	76.4	78.2
25.8	47.0	51.0	53.5	58.8	59.8	64.6	69.0	71.8	74.7	77.0	77.0	78.4	78.4	79.8	81.5
25.8	47.5	51.5	54.1	59.4	60.5	65.5	69.9	72.7	75.9	78.8	78.8	80.1	80.3	81.6	83.6
26.3	48.6	53.1	55.6	61.4	62.5	67.5	72.0	74.8	78.3	81.3	81.3	82.6	82.8	84.1	86.4
26.3	49.4	54.0	57.1	62.8	63.9	68.9	73.3	76.2	79.7	83.0	83.0	84.5	84.6	86.1	88.5
26.4	49.8	54.5	57.6	63.3	64.9	69.9	74.9	77.9	81.9	85.7	85.7	87.6	87.7	89.2	92.1
26.4	49.8	54.6	57.6	63.6	65.4	70.5	75.7	79.2	83.4	87.3	87.3	89.2	89.3	90.8	93.9
26.7	50.2	55.1	58.4	64.5	66.3	71.3	76.6	80.1	84.4	88.5	88.5	90.4	90.6	92.6	95.7
26.7	50.2	55.1	58.4	64.6	66.4	71.5	76.7	80.4	84.9	89.2	89.2	91.3	91.4	93.4	96.9
26.7	50.2	55.1	58.4	64.6	66.4	71.5	76.7	80.5	85.2	89.8	89.8	92.3	92.4	94.7	98.3
26.7	50.2	55.1	58.4	64.6	66.4	71.5	76.7	80.5	85.2	89.8	89.8	92.7	92.8	95.2	99.1
26.7	50.2	55.1	58.4	64.6	66.4	71.5	76.7	80.5	85.2	89.8	89.8	92.7	92.8	95.3	100.0
26.7	50.2	55.1	58.4	64.6	66.4	71.5	76.7	80.5	85.2	89.8	89.8	92.7	92.8	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 806

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JAN

[illegible] 0900-1100
[illegible] OBSERVATIONS

21.6	26.6	27.6	29.2	31.9	32.3	34.6	35.6	36.4	37.4	38.1	38.2	39.8	40.1	40.9	41.7
21.6	26.8	27.7	29.3	32.1	32.4	34.8	35.8	36.5	37.5	38.2	38.3	40.0	40.2	41.1	41.8
22.4	27.7	28.9	30.5	33.2	33.5	35.9	37.4	38.1	39.2	40.0	40.1	41.8	42.0	42.9	43.6
22.7	28.1	29.2	30.8	33.7	34.0	36.4	37.9	38.6	39.7	40.4	40.6	42.3	42.5	43.4	44.1
22.7	28.1	29.2	30.8	33.7	34.0	36.4	37.9	38.6	39.7	40.4	40.6	42.3	42.5	43.4	44.1
23.4	28.9	30.0	31.6	34.4	34.8	37.1	38.6	39.3	40.4	41.4	41.6	43.3	43.5	44.5	45.4
24.2	30.1	31.2	32.8	35.6	36.0	38.5	40.0	40.7	41.8	42.8	42.9	44.6	44.9	45.9	46.7
24.7	30.6	31.7	33.3	36.3	36.6	39.1	40.6	41.4	42.5	43.5	43.6	45.4	45.6	46.6	47.6
28.0	34.0	35.3	36.9	40.2	40.6	43.2	45.0	45.9	47.1	48.1	48.2	49.9	50.2	51.2	52.2
30.0	36.4	37.6	39.2	42.5	42.9	45.6	47.7	48.6	50.1	51.0	51.2	53.0	53.3	54.4	55.4
31.6	38.0	39.2	40.8	44.1	44.5	47.3	49.7	50.6	52.2	53.1	53.3	55.1	55.4	56.5	57.5
32.1	38.5	39.7	41.4	44.8	45.1	48.1	50.7	51.5	53.1	54.1	54.3	56.1	56.4	57.5	58.8
32.2	38.6	39.8	41.6	44.9	45.3	48.2	50.8	51.7	53.3	54.3	54.4	56.2	56.5	57.6	58.9
33.7	40.1	41.3	43.4	46.7	47.1	50.1	52.7	53.5	55.1	56.1	56.2	58.1	58.3	59.6	61.0
34.6	41.3	42.5	44.6	48.0	48.3	51.3	53.9	54.9	56.6	57.7	57.8	59.8	60.2	61.4	63.0
35.3	42.2	43.4	45.5	49.0	49.3	52.3	54.9	55.9	57.6	59.1	59.2	61.2	61.7	62.9	64.5
35.5	42.9	44.3	46.4	50.1	50.4	53.5	56.1	57.1	59.1	60.3	60.4	62.5	63.0	64.2	65.8
36.3	44.0	45.4	47.5	51.4	51.8	55.6	58.2	59.2	61.3	62.5	62.8	65.0	65.5	67.0	68.6
36.3	44.5	45.9	48.0	52.2	52.5	56.5	59.1	60.0	62.3	63.5	63.7	66.0	66.5	68.1	69.7
37.1	46.4	47.7	49.8	54.4	54.9	58.9	61.9	63.0	65.6	67.1	67.3	69.5	70.0	71.6	73.6
37.5	47.0	48.5	50.7	55.2	55.9	60.3	63.4	64.5	67.2	68.9	69.2	71.5	72.0	73.6	75.6
37.7	47.6	49.3	51.5	56.6	57.2	61.8	65.7	67.1	70.0	72.4	72.6	75.0	75.5	77.1	79.2
38.3	48.8	50.6	52.9	58.1	58.7	63.9	68.2	69.7	72.9	75.6	75.8	78.2	78.7	80.4	82.7
38.5	49.8	51.7	54.1	59.7	60.4	66.2	71.0	72.5	76.2	79.0	79.4	82.0	82.5	84.2	86.7
38.7	50.6	52.5	55.2	60.8	61.5	67.4	72.3	73.7	77.7	80.6	81.1	84.1	84.6	86.3	89.3
39.0	51.0	53.0	55.7	61.3	62.0	67.9	73.1	74.8	79.3	82.2	82.7	86.1	86.8	88.8	92.2
39.0	51.5	53.6	56.4	62.1	62.9	68.8	74.1	75.8	80.4	83.7	84.2	87.9	88.8	91.4	94.9
39.0	51.5	53.6	56.4	62.1	62.9	68.8	74.2	76.0	80.5	83.8	84.3	88.3	89.1	91.7	95.8
39.0	51.5	53.6	56.4	62.3	63.0	68.9	74.4	76.3	80.9	84.7	85.8	90.1	91.1	93.8	98.4
39.1	51.7	53.8	56.5	62.4	63.1	69.1	74.5	76.4	81.1	85.1	86.2	90.8	91.7	94.6	99.4
39.1	51.7	53.8	56.5	62.4	63.1	69.1	74.5	76.4	81.1	85.3	86.4	91.0	92.0	94.9	100.0
39.1	51.7	53.8	56.5	62.4	63.1	69.1	74.5	76.4	81.1	85.3	86.4	91.0	92.0	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 811

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 117[illegible] TIN CITY AFS AK 73-81 JAN

[illegible] 1200-1400

23.0	24.2	25.5	26.8	28.9	29.3	31.7	32.9	33.4	34.6	35.2	35.5	35.9	35.9	37.[illegible]	38.1
20.3	24.6	25.9	27.2	29.3	29.8	32.3	33.5	34.0	35.2	35.9	36.1	36.5	36.5	38.0	39.0
21.7	26.0	27.4	28.7	30.8	31.3	34.0	35.7	36.3	37.6	38.2	38.5	39.1	39.1	41.0	42.0
22.6	27.1	28.4	29.8	32.1	32.6	35.3	37.0	37.6	38.9	39.5	39.8	40.4	40.4	42.3	43.3
23.3	27.9	29.2	30.6	32.9	33.4	36.1	37.8	38.4	39.7	40.3	40.6	41.2	41.2	43.1	44.1
24.0	28.5	30.0	31.4	33.6	34.3	37.2	38.9	39.4	40.7	41.5	41.8	42.7	42.7	44.5	45.5
25.0	29.7	31.2	32.7	34.9	35.6	38.5	40.2	40.7	42.0	42.8	43.1	44.0	44.0	45.8	47.3
25.5	30.2	31.7	33.2	35.5	36.1	39.0	40.7	41.2	42.7	43.5	43.7	44.8	44.8	46.6	48.0
28.7	33.6	35.2	36.8	39.1	39.8	42.9	44.9	45.4	46.9	47.6	47.9	49.0	49.0	50.9	52.5
31.3	36.4	37.8	39.4	41.9	42.5	45.7	47.6	48.2	49.6	50.4	50.7	51.7	51.7	54.1	55.8
32.5	37.6	39.0	40.6	43.1	43.8	47.4	49.3	50.0	51.4	52.4	52.6	53.7	53.7	56.0	57.7
32.9	38.0	39.4	41.0	43.5	44.4	48.0	50.0	50.7	52.1	53.0	53.3	54.3	54.3	56.7	58.6
32.9	38.0	39.4	41.0	43.5	44.4	48.0	50.0	50.7	52.2	53.1	53.4	54.5	54.5	56.9	58.9
35.3	40.6	42.1	43.7	46.3	47.3	50.9	52.9	53.5	55.1	56.2	56.4	57.5	57.5	59.9	61.9
36.5	42.1	43.7	45.3	47.9	48.8	52.5	54.6	55.4	56.9	58.0	58.2	59.7	59.8	62.3	64.7
37.3	43.1	44.6	46.2	49.0	49.9	53.5	55.6	56.4	58.0	59.0	59.3	60.9	61.3	63.6	66.0
37.7	43.8	45.5	47.1	50.1	51.0	54.7	56.8	57.6	59.2	60.3	60.6	62.2	62.3	6[illegible].9	67.3
38.5	44.8	46.7	48.6	51.7	52.6	56.4	58.5	59.3	60.9	62.4	62.7	64.4	64.5	67.4	69.9
38.5	44.8	46.7	48.6	51.7	52.6	56.5	58.8	59.6	61.1	62.7	63.0	64.7	64.8	67.7	70.2
39.1	45.6	47.8	49.6	52.7	53.7	57.6	60.1	61.3	63.0	64.8	65.1	67.0	67.1	70.5	73.0
39.8	46.5	48.6	50.4	53.5	54.6	58.9	61.4	63.0	64.7	66.8	67.0	69.2	69.6	73.0	75.5
40.2	47.0	49.1	50.9	54.5	55.5	59.8	62.7	64.3	66.5	68.7	69.0	71.6	72.0	75.7	78.3
41.0	48.2	50.3	52.1	55.8	56.8	61.3	64.3	66.0	68.2	70.9	71.2	74.1	74.5	78.3	80.9
41.1	48.3	50.4	52.2	56.3	57.3	62.2	66.1	68.6	71.1	74.1	74.3	77.7	78.1	82.3	85.2
41.5	48.7	51.3	53.1	57.7	58.8	63.6	67.5	70.3	72.9	75.9	76.2	79.6	80.0	84.2	87.7
41.6	49.2	51.8	53.7	58.6	59.8	64.8	69.2	72.1	75.1	78.5	78.9	82.9	83.4	87.8	91.9
41.8	49.9	52.6	54.5	59.4	60.6	65.7	70.3	73.2	76.3	79.8	80.2	84.2	84.7	89.8	94.0
41.8	50.0	52.7	54.6	59.6	60.9	66.0	70.5	73.4	76.6	80.5	81.0	84.9	85.5	90.6	95.4
41.6	50.0	53.0	54.8	60.1	61.4	66.6	71.3	74.3	77.7	82.3	82.9	86.9	87.6	92.8	98.2
41.8	50.1	53.1	55.0	60.2	61.5	66.8	71.5	74.5	77.9	82.5	83.0	87.0	87.8	93.7	99.7
41.8	50.1	53.1	55.0	60.2	61.5	66.8	71.6	74.6	78.0	82.7	83.2	87.3	88.1	94.0	100.0
41.8	50.1	53.1	55.0	60.2	61.5	66.8	71.6	74.6	78.0	82.7	83.2	87.3	88.1	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]1170 TIN CITY AFS AK 73-81 JAN

PERCENT FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

19.2	22.6	23.8	24.9	26.3	26.4	27.2	29.4	29.5	30.6	30.7	31.3	32.0	32.0	33.0	33.9
19.5	23.5	25.2	26.3	27.8	28.0	29.7	30.9	31.1	32.1	32.3	32.8	33.5	33.5	34.5	35.4
20.4	24.4	26.1	27.1	28.7	28.8	30.6	32.6	32.8	33.9	34.0	34.5	35.2	35.2	36.3	37.1
20.6	25.0	26.8	27.8	29.4	29.5	31.3	33.3	33.5	34.5	34.7	35.2	35.9	35.9	37.0	37.6
21.2	26.6	28.3	29.4	30.9	31.1	32.8	35.4	35.6	36.6	36.8	37.3	38.0	38.0	39.0	39.9
21.6	27.1	28.8	29.9	31.4	31.6	33.3	35.9	36.1	37.1	37.3	37.8	38.7	38.7	39.7	40.8
21.9	27.6	29.4	30.6	32.1	32.3	34.0	36.6	36.8	38.0	38.2	38.7	39.6	39.6	40.6	42.1
23.3	29.0	30.7	32.0	33.5	33.7	35.4	36.0	38.2	39.4	39.6	40.1	41.1	41.1	42.1	43.7
26.3	32.3	34.0	35.2	37.0	37.1	38.9	41.5	41.6	42.8	43.0	43.5	44.6	44.6	45.6	47.3
29.7	36.1	38.0	39.2	40.9	41.1	42.8	45.4	45.6	46.8	47.0	47.5	48.5	48.5	49.9	51.6
30.2	36.6	38.7	39.9	41.6	41.8	43.7	46.3	46.5	47.7	47.8	48.4	49.4	49.4	50.8	52.5
30.4	37.0	39.2	40.4	42.1	42.3	44.2	46.8	47.0	48.2	48.4	48.9	49.9	49.9	51.3	53.0
30.6	37.3	39.6	40.8	42.5	42.7	44.6	47.2	47.3	48.5	48.7	49.2	50.3	50.3	51.6	53.4
34.7	41.8	44.0	45.3	47.3	48.0	49.9	52.7	52.8	54.1	54.2	54.7	55.8	55.8	57.2	56.9
35.8	43.2	45.4	47.0	49.1	49.7	51.6	54.6	54.7	56.0	56.3	56.8	58.2	58.2	59.6	61.8
36.1	43.7	45.9	47.5	49.6	50.3	52.2	55.1	55.3	56.5	56.8	57.3	58.7	58.7	60.1	62.3
36.4	44.9	47.2	48.7	50.8	51.5	53.7	56.6	56.8	58.0	58.4	58.9	60.3	60.3	61.8	64.2
37.1	45.8	48.0	50.1	52.8	53.7	56.1	59.1	59.2	60.4	61.0	61.7	63.0	63.0	64.6	67.0
37.7	46.3	48.5	50.6	53.5	54.4	56.8	59.8	59.9	61.1	61.7	62.3	63.7	63.7	65.3	67.7
37.8	46.8	49.1	51.3	55.3	56.1	59.2	62.2	62.3	63.9	64.4	65.1	66.5	66.5	68.0	70.6
38.0	47.0	49.2	51.6	55.8	56.6	60.4	64.6	64.8	66.3	67.0	67.7	69.4	69.4	71.0	73.6
38.2	47.2	49.4	51.8	56.6	57.5	61.7	66.0	66.7	68.9	70.3	71.0	73.1	73.1	74.8	77.4
39.0	48.2	50.8	53.4	58.4	59.2	63.4	67.7	68.4	70.6	72.0	72.7	74.8	74.8	76.5	79.3
39.2	49.2	51.8	54.4	59.4	60.3	64.6	69.3	70.5	72.7	74.4	75.1	77.4	77.4	79.3	82.0
39.2	49.6	52.7	55.8	61.7	62.7	67.2	72.5	73.7	76.3	78.6	79.3	81.9	82.0	83.9	87.0
39.2	49.7	53.0	56.1	62.2	63.2	67.7	73.4	74.6	77.9	81.2	81.9	85.3	85.5	87.6	91.0
39.2	49.7	53.0	56.5	62.7	63.7	68.2	74.1	75.3	78.6	81.9	82.6	86.5	86.7	89.5	93.1
39.2	49.7	53.0	56.5	62.7	63.7	68.2	74.4	76.2	79.4	82.9	83.8	87.7	87.9	90.8	94.8
39.2	49.9	53.2	56.6	63.4	64.4	68.9	75.6	77.4	80.8	84.8	85.7	90.2	90.3	93.6	98.4
39.2	49.9	53.2	56.6	63.4	64.4	68.9	75.6	77.4	80.8	84.8	85.7	90.2	90.3	93.8	98.8
39.2	49.9	53.2	56.6	63.4	64.4	68.9	75.6	77.4	80.8	85.1	86.0	90.7	90.8	94.5	100.0
39.2	49.9	53.2	56.6	63.4	64.4	68.9	75.6	77.4	80.8	85.1	86.0	90.7	90.8	94.5	100.0

TOTAL NUMBER OF OBSERVATIONS 579

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-75,78-81 JAN

1800-2000

19.1	28.7	29.9	31.2	34.6	35.0	37.6	39.3	39.9	41.2	42.0	42.0	42.5	42.5	42.9	43.7
19.1	29.1	30.6	31.8	35.7	36.1	38.6	40.3	41.0	42.3	43.1	43.1	43.5	43.5	43.9	44.8
19.7	30.1	31.6	32.9	36.7	37.2	39.7	41.4	42.0	43.3	44.2	44.2	44.6	44.6	45.0	45.9
19.7	30.4	31.8	33.1	36.9	37.4	39.9	41.6	42.3	43.5	44.4	44.4	44.8	44.8	45.2	46.1
19.7	30.4	31.8	33.3	37.2	37.6	40.1	42.0	42.7	43.9	44.8	44.8	45.2	45.2	45.6	46.5
19.7	30.8	32.3	33.8	37.6	38.0	40.6	42.5	43.1	44.4	45.2	45.2	45.6	45.6	46.1	46.9
20.4	31.4	32.9	34.4	38.2	38.6	41.2	43.1	43.7	45.0	45.9	45.9	46.3	46.3	46.7	48.2
21.0	32.1	33.5	35.0	38.9	39.3	41.8	43.7	44.4	45.6	46.5	46.5	46.9	46.9	47.3	48.8
22.3	33.3	34.8	36.3	40.3	40.8	43.5	45.4	46.1	47.3	48.2	48.2	48.6	48.6	49.0	50.5
23.6	37.2	38.6	40.1	44.2	44.6	47.3	49.3	49.9	51.2	52.0	52.0	52.4	52.4	52.9	54.4
25.1	38.9	40.3	41.8	46.1	46.7	49.5	51.4	52.0	53.3	54.1	54.1	54.6	54.6	55.0	56.5
25.1	38.9	40.3	41.8	46.1	46.7	49.5	51.4	52.0	53.3	54.1	54.1	54.6	54.6	55.0	56.5
25.1	38.9	40.3	41.8	46.1	46.7	49.5	51.4	52.0	53.3	54.1	54.1	54.6	54.6	55.0	56.5
27.6	41.6	43.9	45.6	50.3	51.0	53.7	55.6	56.3	57.5	58.4	58.4	58.8	58.8	59.2	60.7
29.1	43.7	46.1	47.8	52.4	53.1	55.8	57.7	58.4	59.7	60.5	60.5	60.9	60.9	61.4	62.8
29.5	44.4	47.1	48.8	53.5	54.1	56.9	58.8	59.4	60.7	61.6	61.6	62.0	62.0	62.4	63.9
29.9	45.4	48.2	50.3	55.2	55.8	58.6	60.5	61.1	62.4	63.3	63.3	63.7	63.7	64.1	65.6
30.1	47.1	49.9	52.4	57.7	58.4	61.6	63.5	64.1	65.6	66.7	66.7	67.1	67.1	67.5	69.0
30.1	47.6	50.3	52.9	58.2	58.8	62.4	65.0	65.6	67.3	68.2	68.2	68.6	68.6	69.0	70.5
30.6	48.8	51.6	54.6	60.3	61.1	65.2	67.7	68.4	70.1	70.9	70.9	71.3	71.3	71.8	73.5
31.0	50.1	52.9	56.3	62.0	63.1	68.2	71.1	71.8	74.1	75.2	75.2	75.6	75.6	76.0	77.7
31.0	50.3	53.3	56.7	63.1	64.1	69.6	72.8	73.7	76.0	77.5	77.5	77.9	78.3	78.8	80.5
31.0	51.0	54.1	57.7	64.1	65.2	70.7	74.3	75.2	77.5	80.0	80.3	80.7	81.1	81.5	83.2
31.0	51.8	55.4	59.0	65.4	66.9	72.6	76.2	77.1	80.0	83.7	83.9	84.3	84.7	85.1	87.3
31.2	52.4	56.1	60.3	66.7	68.4	74.1	77.7	78.6	81.5	85.4	85.6	86.2	86.6	87.5	90.0
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.2	80.0	83.4	87.5	87.7	88.3	88.7	90.0	93.0
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.2	80.0	83.7	88.1	88.3	89.4	90.0	91.5	94.5
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.4	80.9	84.5	89.0	89.2	90.2	90.9	92.8	96.0
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.6	81.1	84.7	89.2	89.4	91.1	91.7	94.1	97.5
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.6	81.1	84.7	89.2	89.4	91.9	92.6	94.9	98.7
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.6	81.1	84.7	89.2	89.4	91.9	92.6	94.9	99.4
31.2	52.4	56.1	60.3	66.7	68.8	74.5	79.6	81.1	84.7	89.2	89.4	91.9	92.6	94.9	100.0

TOTAL NUMBER OF OBSERVATIONS 471

GLOBAL CLIMATOLOGY BRANCH
OLAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

[illegible] TIN CITY AFS AK 74-81 JAN

[illegible] 0100-2300

19.2	32.1	33.3	34.3	37.3	38.4	41.1	44.2	45.0	46.9	48.0	48.0	49.2	49.2	50.2	51.8
19.2	32.5	33.6	34.6	37.9	39.1	41.7	44.9	45.7	47.7	48.8	49.8	50.0	50.0	51.0	52.6
19.2	32.9	34.1	35.1	38.4	39.6	42.2	45.7	46.5	48.5	49.7	49.7	50.8	50.8	51.8	53.5
19.4	33.1	34.3	35.3	38.6	39.7	42.4	45.9	46.7	48.7	49.8	49.8	51.0	51.0	52.0	53.6
19.4	33.6	34.8	35.8	39.1	40.2	42.9	46.4	47.2	49.2	50.7	50.7	51.8	51.8	52.8	54.5
19.4	33.6	34.8	35.8	39.1	40.2	42.9	46.4	47.2	49.2	50.7	50.7	51.8	51.8	52.8	54.5
20.4	34.8	35.9	36.9	40.2	41.4	44.0	47.5	48.3	50.3	51.8	51.6	53.0	53.0	54.0	55.6
20.5	34.9	36.1	37.1	40.4	41.6	44.2	47.7	48.5	50.5	52.0	52.0	53.1	53.1	54.1	55.8
22.0	37.4	38.6	39.6	42.9	44.2	46.9	50.5	51.3	53.3	54.8	54.8	56.0	56.0	57.0	58.6
22.5	39.2	40.4	41.4	44.9	46.2	48.8	52.6	53.5	55.6	57.1	57.1	58.3	58.3	59.3	60.9
23.0	40.4	41.7	42.9	46.4	47.8	50.8	55.0	55.8	57.9	59.6	59.6	60.8	60.9	61.9	63.6
23.5	40.9	42.2	43.4	46.9	48.3	51.3	55.5	56.3	58.4	60.1	60.1	61.3	61.4	62.4	64.1
23.8	41.2	42.5	43.7	47.5	49.0	52.0	56.1	57.0	59.1	60.8	60.8	61.9	62.1	63.1	64.7
24.5	43.5	45.4	46.5	51.2	52.6	55.8	59.9	60.8	62.9	64.6	64.6	65.7	65.9	66.9	68.5
25.2	45.5	47.4	48.5	53.3	54.8	57.9	62.1	62.9	65.1	66.7	66.7	67.9	68.0	69.0	70.7
25.3	45.9	47.8	49.3	54.1	55.6	58.8	62.9	63.7	65.9	67.5	67.5	68.7	68.9	69.9	71.5
25.8	47.4	49.5	51.0	56.0	57.5	60.6	64.7	65.6	67.7	69.4	69.4	70.5	70.7	71.7	73.3
26.2	49.2	51.8	53.3	58.3	59.8	63.4	68.0	69.0	71.2	72.8	72.8	74.0	74.2	75.2	76.8
26.2	49.3	53.0	54.5	59.6	61.1	64.7	69.5	70.7	72.8	74.5	74.5	75.7	75.8	76.8	78.5
26.3	49.5	53.1	55.3	60.4	62.3	65.9	71.4	72.7	74.8	76.5	76.5	77.6	77.8	78.8	80.5
26.3	49.8	53.5	55.8	61.1	62.9	67.2	72.8	74.2	76.7	78.5	78.5	80.0	80.1	81.1	82.8
26.3	50.3	54.3	57.0	63.1	64.9	69.5	75.5	76.8	79.5	81.5	81.5	83.1	83.3	84.3	85.9
26.5	51.0	55.1	57.8	63.9	65.7	70.5	76.5	77.8	80.5	82.6	82.6	84.3	84.4	85.4	87.1
26.7	51.7	56.0	58.8	65.2	67.4	72.2	78.1	79.5	82.3	84.9	84.9	87.1	87.3	88.2	90.4
27.0	52.2	56.5	59.3	66.1	68.7	73.5	79.6	81.0	83.9	87.3	87.3	89.7	89.9	90.9	93.5
27.0	52.2	56.5	59.3	66.2	68.9	73.8	80.5	81.8	84.9	88.6	88.6	91.2	91.4	92.5	95.4
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.8	85.9	89.6	89.6	92.2	92.4	93.5	96.4
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.9	86.4	90.1	90.1	92.7	92.9	94.4	97.4
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.9	86.4	90.2	90.4	93.7	93.9	95.5	98.5
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.9	86.4	90.2	90.4	93.9	94.0	95.9	99.2
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.9	86.4	90.2	90.4	93.9	94.0	95.9	99.7
27.0	52.2	56.5	59.4	66.7	69.4	74.5	81.5	82.9	86.4	90.2	90.4	93.9	94.0	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 604

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-3170 TIN CITY AFS AK 73-81 JAN

PERCENTAGE FREQUENCY OF OCCURRENCE ALL
FROM HOURLY OBSERVATIONS

18.5	27.9	29.8	31.1	33.9	34.5	36.7	38.8	39.7	41.4	42.3	42.4	43.5	43.5	44.4	45.5
18.6	28.2	30.2	31.5	34.4	35.1	37.3	39.4	40.3	42.0	43.0	43.1	44.1	44.2	45.1	46.2
19.2	29.2	31.2	32.5	35.4	36.1	38.4	40.9	41.7	43.5	44.5	44.6	45.7	45.7	46.7	47.8
19.4	29.5	31.5	32.8	35.8	36.4	38.7	41.2	42.1	43.9	44.8	44.9	46.0	46.1	47.0	48.2
19.7	29.9	32.0	33.3	36.3	36.9	39.2	41.8	42.7	44.5	45.5	45.6	46.7	46.7	47.7	48.8
20.0	30.3	32.4	33.7	36.7	37.4	39.7	42.3	43.2	44.9	46.0	46.1	47.2	47.3	48.3	49.4
20.8	31.5	33.6	35.0	38.0	38.6	41.0	43.5	44.4	46.2	47.3	47.4	48.5	48.6	49.6	50.9
21.1	32.0	34.1	35.5	38.5	39.1	41.5	44.1	45.0	46.8	47.8	47.9	49.1	49.2	50.1	51.5
23.1	34.6	36.7	38.1	41.2	41.9	44.3	47.1	48.0	49.9	50.9	51.1	52.2	52.3	53.3	54.7
24.8	37.0	39.2	40.7	43.8	44.5	47.0	49.9	50.8	52.7	53.8	53.9	55.1	55.2	56.3	57.7
25.8	38.4	40.7	42.2	45.4	46.1	48.8	52.0	52.9	54.9	56.0	56.1	57.3	57.4	58.5	60.0
26.0	38.8	41.1	42.7	46.0	46.7	49.5	52.6	53.6	55.6	56.7	56.8	58.1	58.1	59.3	60.9
26.2	39.0	41.4	43.0	46.3	47.0	49.8	52.9	53.9	55.9	57.0	57.1	58.4	58.4	59.6	61.2
28.0	41.4	43.9	45.6	49.1	49.9	52.8	56.0	57.0	59.0	60.1	60.2	61.5	61.5	62.7	64.4
29.1	43.0	45.5	47.3	50.9	51.7	54.5	57.8	58.9	60.9	62.1	62.2	63.6	63.7	64.9	66.6
29.5	43.8	46.3	48.2	51.9	52.7	55.6	58.9	60.0	62.1	63.3	63.4	64.8	64.9	66.1	67.9
29.9	45.0	47.6	49.5	53.4	54.2	57.2	60.5	61.6	63.8	65.0	65.1	66.6	66.7	67.9	69.7
30.3	46.1	49.0	51.1	55.3	56.1	59.5	62.9	64.1	66.4	67.8	68.0	69.4	69.6	70.9	72.7
30.5	46.5	49.6	51.7	56.0	56.8	60.4	63.9	65.2	67.6	69.0	69.1	70.6	70.7	72.0	73.8
30.9	47.5	50.6	52.9	57.6	58.5	62.3	66.0	67.5	70.2	71.7	71.9	73.3	73.5	74.9	76.8
31.1	48.0	51.2	53.7	58.5	59.5	63.9	67.9	69.6	72.4	74.1	74.2	75.9	76.0	77.4	79.3
31.2	48.5	51.8	54.3	59.5	60.5	65.1	69.4	71.2	74.3	76.4	76.5	78.3	78.5	79.9	82.0
31.6	49.3	52.9	55.5	60.7	61.8	66.4	71.0	72.8	76.0	78.4	78.6	80.4	80.6	82.1	84.2
31.7	50.0	53.7	56.4	61.9	63.1	68.0	72.9	74.9	78.3	81.1	81.3	83.3	83.6	85.2	87.5
31.9	50.5	54.4	57.3	63.0	64.4	69.4	74.5	76.6	80.3	83.3	83.5	85.8	86.1	87.7	90.6
32.0	50.7	54.7	57.6	63.4	64.9	70.0	75.5	77.7	81.9	85.1	85.4	87.9	88.2	90.1	93.2
32.1	51.0	55.0	58.0	64.0	65.5	70.7	76.3	78.6	82.8	86.2	86.5	89.2	89.6	91.8	95.1
32.1	51.0	55.0	58.0	64.1	65.7	70.8	76.6	79.0	83.3	86.9	87.1	90.0	90.3	92.6	96.3
32.1	51.0	55.1	58.1	64.3	65.9	71.0	76.9	79.4	83.8	87.7	88.1	91.3	91.6	94.1	98.1
32.1	51.1	55.1	58.1	64.3	65.9	71.0	76.9	79.5	83.9	87.8	88.2	91.7	92.1	94.8	99.1
32.1	51.1	55.1	58.1	64.3	65.9	71.0	76.9	79.5	83.9	87.9	88.3	91.8	92.2	95.0	99.9
32.1	51.1	55.1	58.1	64.3	65.9	71.0	76.9	79.5	83.9	87.9	88.3	91.8	92.2	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 5606

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70170 TIN CITY AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM [illegible] OBSERVATIONS

0000-0200

21.4	36.9	42.4	43.1	45.9	47.0	51.0	53.6	54.9	57.7	61.5	61.5	64.1	64.1	64.7	65.5
21.8	39.8	43.4	44.2	47.0	48.1	52.1	54.7	56.0	58.8	62.8	62.8	65.4	65.4	65.9	67.2
21.8	40.4	44.0	44.8	47.5	48.6	52.6	55.2	56.6	59.3	64.0	64.0	66.6	66.6	67.2	68.4
21.8	40.8	44.4	45.2	47.9	49.0	53.0	55.6	57.0	59.8	64.4	64.4	67.0	67.0	67.6	68.8
21.8	40.8	44.4	45.2	47.9	49.0	53.0	55.6	57.0	59.8	64.4	64.4	67.0	67.0	67.6	68.8
22.3	41.2	44.8	45.7	48.5	49.6	53.6	56.3	57.7	60.4	65.4	65.4	68.0	68.0	68.5	69.8
22.4	41.6	45.2	46.2	48.9	50.0	54.0	56.7	58.1	60.9	65.8	65.8	68.4	68.4	69.0	70.2
22.4	41.8	45.5	46.4	49.2	50.3	54.3	57.0	58.4	61.1	66.1	66.1	68.7	68.7	69.2	70.5
22.5	42.2	46.2	47.1	49.9	51.1	55.4	58.1	59.5	63.0	68.0	68.0	71.0	71.0	71.8	73.1
22.7	42.6	46.7	48.1	51.2	52.5	56.9	59.6	61.0	64.7	69.8	69.8	72.8	72.8	73.6	74.9
22.7	43.0	47.1	48.6	52.1	53.3	57.7	60.4	61.8	65.5	70.6	70.6	73.6	73.6	74.5	75.7
22.7	43.0	47.1	48.6	52.2	53.4	57.8	60.6	62.0	65.7	70.7	70.7	74.0	74.0	75.0	76.2
22.7	43.0	47.1	48.6	52.2	53.6	58.0	60.7	62.1	65.8	70.9	70.9	74.2	74.2	75.1	76.4
22.8	43.7	47.8	49.3	53.0	54.4	58.8	61.5	62.9	66.9	72.0	72.0	75.3	75.3	76.4	77.6
22.8	44.9	49.2	50.7	54.9	56.3	60.7	63.5	64.8	68.8	73.9	73.9	77.2	77.2	78.3	79.5
22.8	45.1	49.5	51.0	55.2	56.6	61.0	63.7	65.1	69.1	74.2	74.2	77.5	77.5	78.6	79.8
23.2	45.6	50.0	51.5	56.0	57.4	61.8	64.6	65.9	69.9	75.0	75.0	78.3	78.3	79.4	80.6
23.4	47.0	51.8	53.4	58.2	59.6	64.0	67.2	68.5	72.7	78.0	78.0	81.3	81.3	82.4	83.7
23.4	47.0	51.9	53.7	58.7	60.0	64.6	67.7	69.1	73.4	78.7	78.7	82.0	82.0	83.1	84.3
23.6	47.3	52.2	54.0	59.1	60.4	65.0	68.1	69.5	73.8	79.1	79.1	82.4	82.4	83.5	84.9
23.6	47.5	52.5	54.3	59.3	60.7	65.2	68.5	70.1	74.3	79.8	79.9	83.4	83.4	84.5	86.1
23.6	47.5	52.6	54.5	59.9	61.3	66.1	69.4	71.3	75.5	81.2	81.5	85.0	85.0	86.1	88.3
23.6	47.7	52.7	54.7	60.0	61.4	66.2	69.5	71.4	75.7	81.9	82.1	85.7	85.7	86.8	89.0
23.6	47.9	53.0	55.1	60.9	62.4	67.6	70.9	72.8	77.1	83.2	83.5	87.1	87.1	88.3	90.8
24.0	48.4	53.4	55.5	61.3	62.8	68.0	71.7	73.6	78.0	84.2	84.5	88.0	88.0	89.3	92.2
24.0	48.4	53.6	55.6	61.4	62.9	68.1	71.8	73.8	78.7	84.9	85.2	88.7	88.7	90.0	93.1
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.1	85.3	85.6	89.1	89.1	90.4	93.5
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.1	85.7	86.0	89.6	89.6	90.8	94.2
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.1	85.9	86.1	89.8	89.8	91.1	94.9
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.3	86.0	86.3	90.0	90.0	91.8	96.0
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.3	86.0	86.3	90.0	90.0	92.2	97.8
24.0	48.4	53.6	55.6	61.4	62.9	68.1	72.3	74.2	79.3	86.0	86.3	90.0	90.0	92.3	100.0

TOTAL NUMBER OF OBSERVATIONS 728

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

0300-0500

20.1	38.9	41.8	43.0	46.2	47.4	51.1	53.4	54.8	58.6	61.0	61.0	62.7	63.0	63.6	64.4
20.5	40.2	43.1	44.3	47.5	48.7	52.4	54.8	56.1	59.9	62.3	62.3	64.0	64.3	64.9	65.7
20.5	40.9	43.8	45.0	48.1	49.3	53.0	55.4	56.7	60.8	63.4	63.4	65.3	65.6	66.3	67.1
20.5	40.9	43.8	45.0	48.1	49.3	53.3	55.7	57.0	61.1	63.6	63.6	65.6	65.9	66.5	67.3
20.8	41.3	44.2	45.4	48.5	49.7	53.7	56.1	57.4	61.5	64.0	64.0	66.0	66.3	66.9	67.7
21.3	41.8	44.7	45.9	49.2	50.4	54.4	57.0	58.3	62.6	65.1	65.1	67.1	67.3	68.0	66.8
21.6	42.2	45.1	46.3	49.6	50.8	54.8	57.4	58.7	63.0	65.5	65.5	67.5	67.7	68.4	69.2
21.6	42.5	45.4	46.6	49.9	51.1	55.0	57.7	59.0	63.2	65.7	65.7	67.7	68.0	68.7	69.4
22.0	43.0	45.9	47.1	50.5	51.7	55.8	58.5	59.8	64.3	67.2	67.2	69.6	69.8	70.6	71.7
22.0	43.3	46.4	47.8	51.3	52.5	57.0	59.7	61.0	65.9	68.9	68.9	71.3	71.6	72.8	73.8
22.0	43.4	46.8	48.3	51.9	53.0	57.5	60.2	61.6	66.5	69.6	69.6	72.0	72.2	73.4	74.5
22.0	43.7	47.1	48.5	52.2	53.4	58.1	60.7	62.2	67.2	70.4	70.6	73.0	73.3	74.5	75.5
22.0	43.7	47.1	48.5	52.2	53.4	58.1	60.7	62.2	67.2	70.4	70.6	73.0	73.3	74.5	75.5
22.2	44.3	47.8	49.2	53.0	54.2	58.9	61.5	63.0	68.5	71.7	72.0	74.3	74.6	76.1	77.1
22.4	44.8	48.4	50.0	54.4	55.6	60.2	62.8	64.3	69.8	73.0	73.3	75.7	75.9	77.4	78.4
22.4	45.0	48.5	50.1	54.5	55.7	60.3	63.1	64.6	70.1	73.3	73.5	76.1	76.3	77.8	78.8
22.5	45.4	49.3	50.9	55.6	56.7	61.4	64.2	65.6	71.2	74.3	74.6	77.1	77.4	78.8	79.9
22.5	46.0	50.3	51.9	56.5	57.7	62.3	65.3	66.8	72.6	75.8	76.1	78.7	79.0	80.4	81.5
22.5	46.7	50.9	52.5	57.3	58.6	63.2	66.3	67.7	73.7	76.9	77.1	79.8	80.0	81.5	82.5
22.5	47.1	51.6	53.2	58.1	59.4	64.3	67.3	68.8	74.7	77.9	78.2	80.8	81.1	82.5	83.7
22.5	47.6	52.1	53.8	58.7	60.1	65.5	68.5	70.5	76.5	80.0	80.3	83.1	83.3	84.8	86.1
22.6	48.1	52.6	54.5	59.5	60.8	66.3	69.3	71.4	77.6	81.6	81.9	85.1	85.3	86.9	88.2
22.8	48.5	53.2	55.0	60.1	61.4	66.8	70.1	72.2	78.4	82.9	83.2	86.6	86.9	88.5	89.8
22.9	48.9	53.7	55.6	60.7	62.0	67.5	70.4	73.0	79.2	83.7	84.0	87.6	87.8	89.6	90.9
22.9	48.9	53.7	55.7	61.0	62.3	67.7	71.3	73.4	79.8	84.3	84.5	88.1	88.4	90.1	91.4
22.9	48.9	53.7	55.7	61.0	62.3	67.7	71.3	73.5	80.8	85.3	85.6	89.3	89.6	91.4	92.7
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	85.7	86.0	89.7	89.9	91.8	93.1
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	86.5	86.8	90.7	91.0	93.0	94.4
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	86.5	86.8	90.9	91.1	93.4	95.5
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	86.6	86.9	91.7	91.9	94.3	96.4
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	86.6	86.9	91.7	91.9	94.7	98.1
23.0	49.1	53.8	55.8	61.1	62.4	67.9	71.6	73.8	81.1	86.6	86.9	91.7	91.9	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1177 TIN CITY AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
BOTH HOURS OF OBSERVATIONS 0600-1600

27.5	37.7	40.7	41.5	44.4	45.1	48.0	50.0	51.7	54.6	57.3	57.4	59.1	59.4	60.8	61.6
27.8	38.1	41.1	41.9	44.8	45.5	48.4	50.4	52.1	55.0	57.8	57.9	59.7	59.9	61.4	62.2
28.6	39.3	42.3	43.3	46.2	46.8	49.9	51.9	53.6	56.7	59.7	59.8	61.6	61.9	63.4	64.3
28.6	39.3	42.3	43.3	46.2	46.6	49.9	51.9	53.6	56.7	59.7	59.8	61.6	61.9	63.4	64.3
28.7	39.4	42.5	43.4	46.3	47.0	50.0	52.0	53.7	57.1	60.1	60.2	62.0	62.3	63.8	64.7
29.0	39.7	42.7	43.8	46.8	47.6	50.9	52.9	54.6	58.1	61.0	61.1	63.0	63.2	64.7	65.6
29.5	40.2	43.4	44.4	47.5	48.3	51.6	53.6	55.3	58.7	61.6	61.8	63.6	63.9	65.3	66.3
29.8	40.6	43.8	44.8	47.9	48.7	52.0	54.0	55.7	59.1	62.1	62.2	64.0	64.3	65.7	66.7
30.6	41.7	44.8	45.9	48.9	49.7	53.2	55.2	57.1	61.0	64.2	64.3	66.3	66.5	68.1	69.3
30.8	42.1	45.2	46.3	49.5	50.3	53.8	55.8	57.9	62.0	65.3	65.6	67.7	68.0	69.7	70.9
31.0	42.5	45.8	46.8	50.1	50.9	54.8	56.7	59.3	63.5	67.1	67.3	69.4	69.7	71.4	72.6
31.0	42.5	45.8	47.0	50.3	51.1	54.9	56.9	59.4	63.9	67.5	67.9	70.0	70.2	72.1	73.4
31.0	42.5	45.8	47.0	50.4	51.2	55.0	57.0	59.5	64.0	67.6	68.0	70.1	70.4	72.2	73.5
31.6	43.1	46.4	47.6	51.1	51.9	55.7	57.8	60.6	65.3	69.2	69.7	71.8	72.1	73.9	75.3
31.6	43.4	46.7	48.0	51.5	52.2	56.5	58.7	61.6	66.5	70.5	71.0	73.4	73.7	75.5	76.9
31.6	43.8	47.1	48.4	51.9	52.8	57.1	60.1	63.1	68.3	72.4	72.9	75.3	75.5	77.4	78.7
31.9	44.4	48.1	49.5	53.3	54.2	58.6	61.5	64.6	69.7	73.8	74.3	76.7	77.0	78.8	80.2
32.1	45.1	48.8	50.3	54.2	55.2	59.7	62.6	65.7	71.0	75.1	75.7	78.0	78.3	80.2	81.5
32.4	45.6	49.3	50.8	54.8	55.7	60.2	63.1	66.3	71.7	75.8	76.3	78.8	79.1	81.1	82.7
32.4	45.9	49.9	51.6	55.7	56.6	61.4	64.3	67.5	72.9	77.1	77.6	80.2	80.4	82.4	84.3
32.7	47.1	51.1	52.8	56.9	57.8	62.6	65.6	68.8	74.2	78.6	79.1	81.6	81.9	83.9	85.7
32.8	47.6	51.6	53.4	57.9	59.0	63.8	66.8	70.1	75.5	80.3	80.8	83.3	83.6	85.6	87.6
32.8	47.8	51.7	53.6	58.1	59.1	63.9	67.2	70.5	75.9	81.1	81.6	84.5	84.9	86.9	88.9
33.1	48.0	52.0	53.8	58.3	59.4	64.3	67.7	71.0	76.5	82.1	82.7	85.6	86.0	88.0	89.9
33.1	48.0	52.0	53.8	58.5	59.5	64.4	68.5	71.8	77.2	83.1	83.6	87.0	87.4	89.6	91.5
33.2	48.3	52.2	54.1	58.7	60.1	65.2	69.6	72.9	78.4	84.4	84.9	88.4	88.8	90.9	93.0
33.2	48.3	52.2	54.1	58.7	60.1	65.2	69.6	72.9	78.6	84.7	85.2	88.6	89.0	91.3	93.4
33.2	48.3	52.2	54.1	58.7	60.1	65.2	69.6	72.9	78.8	85.2	85.7	89.4	89.8	92.1	94.4
33.2	48.3	52.2	54.1	58.7	60.1	65.5	69.8	73.1	79.1	85.7	86.2	90.1	90.5	92.7	95.9
33.2	48.3	52.2	54.1	58.7	60.1	65.5	69.8	73.1	79.1	85.8	86.4	90.7	91.1	93.5	97.5
33.2	48.3	52.2	54.1	58.7	60.1	65.6	70.0	73.3	79.2	86.1	86.6	91.0	91.4	94.2	98.4
33.2	48.3	52.2	54.1	58.7	60.1	65.6	70.0	73.3	79.2	86.1	86.6	91.0	91.4	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 756

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 FEB

PERCENT OF FREQUENCY OF OCCURRENCE 0900-1100
FROM ALL OBSERVATIONS

29.3	36.2	37.9	39.0	41.4	42.0	44.2	45.1	46.3	47.5	49.6	49.7	51.6	52.1	53.3	55.0
30.1	37.0	38.7	39.9	42.3	43.0	45.4	46.3	47.5	48.7	50.8	50.9	52.8	53.3	54.6	56.0
31.7	38.9	40.6	41.8	44.2	44.8	47.3	48.3	49.7	51.5	53.6	53.7	55.6	56.1	57.4	59.4
31.7	39.0	40.7	41.9	44.3	45.0	47.5	48.4	49.9	51.6	53.7	53.8	55.7	56.2	57.6	59.5
31.7	39.1	40.8	42.0	44.4	45.1	47.6	48.5	50.0	51.7	53.8	54.0	55.8	56.4	57.7	59.7
32.1	39.8	41.5	42.7	45.1	46.2	48.8	49.9	51.6	53.4	55.6	55.7	57.8	58.4	59.9	61.9
33.0	40.8	42.7	44.0	46.4	47.5	50.1	51.2	52.9	54.9	57.2	57.3	59.5	60.1	61.7	63.7
33.3	41.2	43.1	44.4	46.8	47.9	50.5	51.6	53.4	55.4	57.7	57.8	60.1	60.6	62.3	64.3
34.6	43.0	45.1	46.7	49.1	50.1	52.8	53.8	55.7	58.1	60.3	60.6	63.0	63.7	65.4	67.8
35.7	44.2	46.3	47.9	50.3	51.3	54.1	55.2	57.3	59.9	62.3	62.6	65.3	65.9	67.8	70.2
36.1	44.8	46.9	48.7	51.1	52.1	54.9	56.1	58.5	61.4	63.8	64.1	66.7	67.4	69.2	71.6
36.2	45.0	47.1	48.9	51.3	52.4	55.4	56.6	59.0	61.9	64.3	64.6	67.2	67.9	69.8	72.1
36.2	45.0	47.1	48.9	51.3	52.4	55.4	56.6	59.0	61.9	64.5	64.7	67.4	68.0	69.9	72.3
36.5	45.5	47.7	49.6	52.0	53.1	56.4	57.7	60.3	63.3	65.8	66.0	68.8	69.6	72.1	74.7
37.3	46.8	49.1	50.9	53.4	54.9	58.2	59.7	62.5	65.4	68.0	68.3	71.1	72.0	74.8	77.3
37.5	47.1	49.3	51.2	53.8	55.3	58.6	60.2	63.0	65.9	68.6	68.8	71.8	72.7	75.5	78.2
37.5	47.1	49.3	51.2	53.8	55.3	58.6	60.2	63.0	65.9	68.6	68.8	71.8	72.7	75.5	78.2
38.3	48.3	50.7	52.7	55.3	56.8	60.2	62.2	65.1	68.3	71.0	71.2	74.1	75.1	77.9	80.9
38.5	48.4	50.8	52.6	55.4	56.9	60.3	62.3	65.3	68.4	71.1	71.4	74.3	75.2	78.0	81.0
38.5	48.5	50.9	52.9	55.6	57.0	60.6	62.9	65.8	69.1	72.4	72.7	76.0	76.9	80.2	83.6
38.6	48.8	51.3	53.3	56.0	57.4	61.0	63.3	66.3	69.6	73.2	73.5	76.8	77.7	81.2	84.5
38.7	49.1	51.6	53.6	56.4	57.8	61.5	64.1	67.4	70.7	74.3	74.5	77.9	78.8	82.6	86.3
38.9	49.5	52.0	54.0	56.8	58.2	62.2	64.9	68.2	71.6	75.5	75.7	79.0	80.0	84.0	87.8
38.9	49.6	52.1	54.1	56.9	58.4	62.6	65.4	68.7	72.1	76.1	76.4	79.7	80.6	84.6	89.0
38.9	50.0	52.5	54.6	57.7	59.2	63.4	66.6	69.9	73.5	77.7	78.0	81.6	82.5	86.5	90.8
38.9	50.4	52.9	55.0	58.4	59.8	64.1	67.4	70.7	74.3	78.6	78.9	82.5	83.6	87.7	92.2
39.3	50.8	53.3	55.4	59.0	60.5	64.7	68.0	71.5	75.2	80.1	80.4	84.0	85.0	89.5	94.0
39.3	50.9	53.4	55.6	59.3	60.9	65.1	68.6	72.0	75.7	80.6	80.9	84.6	85.7	90.2	94.8
39.3	50.9	53.4	55.6	59.3	60.9	65.1	68.6	72.1	76.1	81.3	81.7	85.4	86.5	91.4	96.8
39.4	51.1	53.6	55.7	59.4	61.0	65.3	68.7	72.3	76.3	81.4	81.8	85.7	86.9	92.2	98.7
39.4	51.1	53.6	55.7	59.4	61.0	65.3	68.7	72.3	76.3	81.4	81.8	85.7	86.9	92.2	99.1
39.4	51.1	53.6	55.7	59.4	61.0	65.3	68.7	72.3	76.3	81.4	81.8	85.7	86.9	92.2	100.0

TOTAL NUMBER OF OBSERVATIONS 754

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

/ 17 TIN CITY AFS AK 73-81 FEB

[illegible] 1700-1400

31.7	36.3	39.0	41.1	43.4	44.4	45.9	47.4	47.8	48.5	50.4	50.8	52.3	52.7	54.2	55.8
32.4	37.3	40.0	42.0	44.3	45.7	47.2	48.6	49.1	49.7	51.9	52.3	53.8	54.2	55.8	57.7
34.0	39.0	41.9	43.9	46.3	47.7	49.3	51.2	51.6	52.6	55.0	55.4	56.9	57.3	58.9	61.0
34.0	39.2	42.0	44.0	46.5	47.8	49.5	51.4	51.8	52.7	55.1	55.6	57.0	57.5	59.1	61.1
34.4	39.6	42.4	44.4	47.0	48.4	50.1	52.0	52.4	53.5	56.0	56.4	57.9	58.3	59.9	61.9
35.2	40.7	43.5	45.5	48.1	49.6	51.4	53.5	54.1	55.1	57.7	58.1	59.6	60.2	62.1	65.2
35.8	41.2	44.0	46.1	48.6	50.1	51.9	54.5	55.0	56.1	58.7	59.1	60.6	61.1	63.0	66.1
35.9	41.3	44.2	46.2	48.8	50.3	52.0	54.6	55.1	56.2	58.8	59.2	60.7	61.2	63.1	66.3
37.1	43.2	46.2	48.2	50.8	52.3	54.2	57.0	57.7	58.9	61.9	62.3	64.2	64.9	67.2	70.5
37.7	43.9	47.0	49.1	51.6	53.5	55.8	58.7	59.3	60.6	63.6	64.1	66.0	66.8	69.4	72.8
37.8	44.0	47.2	49.2	51.8	53.7	56.4	59.5	60.2	61.4	64.6	65.2	67.1	67.9	70.5	73.6
37.8	44.2	47.4	49.5	52.0	53.9	56.8	59.9	60.6	61.8	65.0	65.6	67.5	68.3	70.9	74.3
37.9	44.3	47.6	49.6	52.2	54.1	56.9	60.0	60.7	61.9	65.2	65.7	67.6	68.4	71.0	74.4
38.1	44.4	47.7	49.7	52.3	54.2	57.0	60.2	61.0	62.2	65.7	66.5	68.6	69.4	72.1	75.7
38.8	45.4	48.8	50.8	53.4	55.3	58.1	61.7	62.5	63.8	67.8	68.7	71.0	71.8	74.5	78.6
39.3	46.1	49.5	51.5	54.1	56.0	58.8	62.3	63.4	64.8	68.7	69.6	72.0	72.8	75.7	79.8
39.3	46.1	49.5	51.5	54.1	56.0	58.8	62.6	63.7	65.0	69.0	69.9	72.2	73.0	76.0	80.1
39.4	46.5	50.0	52.0	54.7	57.0	59.9	63.7	64.9	66.3	70.3	71.3	73.6	74.4	77.4	81.4
39.8	46.9	50.4	52.4	55.3	57.7	60.6	64.5	65.7	67.2	71.3	72.2	74.5	75.3	78.3	82.4
39.8	47.2	50.8	52.8	55.7	58.3	61.1	65.4	66.9	68.4	72.6	73.6	76.4	77.2	80.9	85.2
39.8	47.4	51.1	53.1	56.0	58.5	61.4	65.9	67.8	69.2	73.4	74.4	77.5	78.3	82.1	86.4
39.8	47.4	51.1	53.1	56.2	58.8	61.8	66.4	68.3	69.8	74.0	74.9	78.2	79.0	82.8	87.8
39.8	47.4	51.1	53.1	56.2	58.8	61.8	66.4	68.3	69.8	74.0	74.9	78.2	79.0	82.8	88.2
40.1	48.0	51.6	53.7	57.0	59.6	62.6	67.2	69.2	70.9	75.1	76.0	79.5	80.5	84.3	90.0
40.2	48.1	51.8	53.9	57.5	60.0	63.0	67.6	69.8	71.4	76.2	77.1	80.8	81.7	85.6	91.7
40.4	48.4	52.0	54.3	57.9	60.4	63.4	68.0	70.3	72.0	77.2	78.2	82.0	83.1	87.1	93.4
40.7	48.6	52.3	54.6	58.4	61.0	64.0	68.6	70.9	72.5	77.9	78.9	82.7	83.7	88.2	94.4
40.9	49.1	52.7	55.0	58.8	61.4	64.4	69.1	71.4	73.0	79.0	80.1	84.0	85.1	89.6	96.1
40.9	49.1	52.7	55.0	58.8	61.4	64.4	69.2	71.5	73.3	79.4	80.5	84.7	86.0	90.8	98.1
40.9	49.1	52.7	55.0	58.8	61.4	64.4	69.2	71.5	73.3	79.4	80.5	84.7	86.0	91.2	98.9
40.9	49.1	52.7	55.0	58.8	61.4	64.4	69.2	71.5	73.3	79.4	80.5	84.7	86.0	91.2	99.1
40.9	49.1	52.7	55.0	58.8	61.4	64.4	69.2	71.5	73.3	79.4	80.5	84.7	86.0	91.2	100.0

TOTAL NUMBER OF OBSERVATIONS 738

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1170 TIN CITY AFS AK 73-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

30.0	35.6	37.0	38.5	41.2	41.5	43.2	44.7	44.9	46.1	48.5	49.2	50.8	50.9	52.0	53.3
31.0	37.3	38.7	40.2	42.9	43.2	45.4	46.9	47.1	48.3	50.8	51.5	53.3	53.4	54.6	55.9
31.6	38.1	39.6	41.5	44.1	44.4	46.7	48.5	48.6	50.0	53.1	53.9	55.9	56.0	57.4	58.7
31.7	38.5	40.1	42.1	44.9	45.2	47.5	49.2	49.4	50.8	53.9	54.6	56.7	56.8	58.2	59.4
32.5	39.3	40.9	43.2	46.1	46.4	48.8	50.5	50.6	52.0	55.1	55.9	57.9	58.0	59.4	60.7
33.1	39.9	41.5	43.8	46.7	47.1	49.4	51.1	51.2	52.6	55.9	56.7	58.8	59.3	60.8	62.2
34.1	40.9	42.4	44.7	47.7	48.0	50.3	52.3	52.5	53.9	57.1	57.9	60.1	60.5	62.1	63.5
34.1	40.9	42.4	44.7	47.7	48.0	50.3	52.3	52.5	53.9	57.1	57.9	60.1	60.5	62.1	63.5
35.8	42.6	44.1	46.6	49.7	50.3	52.6	54.8	55.0	56.3	59.9	60.7	63.3	64.1	65.8	67.6
37.2	44.1	45.7	48.5	51.5	52.3	55.1	57.4	57.6	59.3	63.3	64.1	66.7	67.5	69.2	71.1
37.5	44.9	46.4	49.2	52.3	53.1	56.2	58.7	58.8	60.5	64.6	65.3	68.0	68.7	70.4	72.3
37.6	45.0	46.6	49.4	52.5	53.3	56.3	59.0	59.1	60.8	64.9	65.6	68.4	69.2	70.9	72.8
37.6	45.0	46.6	49.4	52.5	53.3	56.3	59.0	59.1	60.8	64.9	65.6	68.4	69.2	70.9	72.8
38.2	45.6	47.5	50.3	53.4	54.3	57.4	60.1	60.4	62.2	66.3	67.0	69.8	70.7	72.4	74.6
38.9	47.1	48.8	51.7	54.8	55.7	59.0	61.8	62.1	64.2	68.3	69.0	72.0	72.9	74.9	77.1
39.2	47.7	49.4	52.3	55.4	56.3	59.6	62.4	62.7	64.9	69.0	70.0	73.4	74.3	76.5	79.1
39.2	47.8	49.5	52.5	55.6	56.7	60.1	63.2	63.5	65.6	69.8	70.7	74.3	75.4	77.6	80.2
39.5	48.5	50.2	53.3	56.5	57.7	61.1	64.2	64.6	66.9	71.1	72.0	75.5	76.8	78.9	81.6
39.6	48.6	50.3	53.4	56.7	57.9	61.3	64.4	64.7	67.0	71.2	72.1	75.7	76.9	79.1	81.7
39.6	48.6	50.3	53.4	56.7	57.9	61.3	64.9	65.2	67.6	71.8	72.8	76.3	77.7	79.9	83.3
39.8	49.2	51.1	54.2	57.4	58.7	62.4	66.4	66.7	69.3	73.7	74.6	78.5	79.9	82.4	85.9
39.9	49.5	51.4	54.5	58.2	59.6	63.3	67.3	67.6	70.3	74.8	75.7	79.6	81.1	83.7	87.8
39.9	49.5	51.4	54.5	58.2	59.6	63.3	67.3	67.8	70.4	74.9	75.9	79.7	81.3	83.9	87.9
40.1	49.7	51.9	55.0	58.7	60.1	63.8	68.3	68.7	71.4	76.0	76.9	81.0	82.5	85.1	89.5
40.1	49.7	51.9	55.0	58.7	60.1	63.8	68.3	68.7	71.5	76.2	77.1	81.1	82.7	85.3	90.7
40.4	50.0	52.2	55.3	59.1	60.5	64.4	68.9	69.3	72.6	77.9	78.8	83.0	84.5	87.6	93.2
40.4	50.0	52.2	55.3	59.1	60.5	64.4	68.9	69.3	72.8	78.3	79.3	83.6	85.1	88.4	94.1
40.6	50.3	52.5	55.6	59.6	61.0	64.9	69.8	70.3	73.7	79.6	80.5	84.8	86.4	89.6	95.4
40.6	50.3	52.5	55.6	59.6	61.0	64.9	70.3	70.7	74.1	80.2	81.1	85.6	87.2	90.7	97.2
40.6	50.3	52.5	55.6	59.6	61.0	64.9	70.3	70.9	74.5	80.7	81.6	86.1	87.6	91.6	98.6
40.6	50.3	52.5	55.6	59.6	61.0	64.9	70.3	70.9	74.6	80.8	81.7	86.2	87.8	91.8	99.4
40.6	50.3	52.5	55.6	59.6	61.0	64.9	70.3	70.9	74.6	80.8	81.7	86.2	87.8	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 646

USAF ETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

70117 TIN CITY AFS AK 73-75,78-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE 1800-2400
FROM HOURLY OBSERVATIONS

27.5	41.0	41.6	42.9	44.1	44.3	47.2	48.9	49.5	51.1	52.4	53.2	54.0	54.0	54.0	54.2
27.7	42.2	42.9	44.1	45.3	45.5	48.9	50.5	51.1	52.8	54.0	54.9	55.7	55.7	55.7	55.9
28.2	42.7	43.3	44.5	45.8	46.0	49.9	51.6	52.2	53.8	55.7	56.5	57.3	57.3	57.3	57.6
28.2	42.7	43.3	44.5	46.0	46.2	50.7	52.4	53.0	54.7	56.5	57.3	58.2	58.2	58.2	58.4
29.0	43.5	44.1	45.3	46.8	47.0	51.6	53.2	53.8	55.5	57.3	58.2	59.0	59.0	59.0	59.2
29.2	43.7	44.3	45.5	47.0	47.2	51.8	53.4	54.0	55.7	57.6	58.4	59.2	59.8	59.8	60.0
29.4	44.3	44.9	46.2	47.6	47.8	52.4	54.7	55.3	56.9	59.4	60.2	61.1	61.7	61.7	61.9
30.0	44.9	45.5	46.8	48.2	48.4	53.0	55.3	55.9	57.6	60.0	60.9	61.7	62.3	62.3	62.5
31.3	46.4	47.0	48.2	49.9	50.5	55.1	57.3	58.0	59.6	63.1	64.0	64.8	65.6	65.8	66.5
32.7	48.2	48.9	50.1	52.0	52.6	57.1	59.6	60.5	62.5	66.0	66.9	67.7	68.5	68.7	69.4
33.3	49.9	50.5	52.0	53.8	54.5	59.0	61.7	62.5	65.0	68.5	69.4	70.2	71.0	71.2	71.8
33.7	50.5	51.1	52.6	54.5	55.1	59.6	62.3	63.1	65.6	69.2	70.0	70.8	71.6	71.8	72.5
33.7	50.5	51.1	52.6	54.5	55.1	59.6	62.3	63.1	65.6	69.2	70.0	70.8	71.6	71.8	72.5
34.4	51.6	52.2	53.6	55.7	56.3	61.3	64.0	64.8	67.3	70.8	71.6	72.5	73.5	73.7	74.3
34.6	52.0	52.6	54.0	56.1	56.7	61.9	64.6	65.4	67.9	71.4	72.3	73.1	74.1	74.3	74.9
34.6	53.0	53.6	55.1	57.1	57.8	62.9	65.6	66.5	69.2	72.7	73.5	74.7	75.6	76.4	77.0
34.6	53.6	54.2	55.7	57.8	58.6	63.8	66.7	67.5	70.2	74.3	75.2	76.4	77.4	78.1	78.7
35.6	54.7	55.5	57.1	59.4	60.2	65.4	68.3	69.8	72.5	76.8	77.6	78.9	79.9	80.5	81.2
35.6	54.9	55.9	57.6	60.0	60.9	66.0	68.9	70.4	73.1	77.4	78.3	79.5	80.5	81.2	81.6
35.6	54.9	55.9	57.8	60.0	60.9	66.0	69.2	70.6	73.3	77.6	78.5	79.7	80.7	81.4	82.8
36.0	56.3	57.6	59.8	62.5	63.4	68.5	71.6	73.1	75.8	80.1	81.0	82.2	83.2	83.9	85.3
36.2	56.7	58.4	60.7	64.0	65.0	70.2	73.3	74.7	77.6	82.0	82.8	84.1	85.1	85.7	87.2
36.6	57.1	58.8	61.3	64.6	65.6	70.8	73.9	75.4	78.3	82.8	83.6	84.9	85.9	86.5	88.2
36.6	57.1	58.8	61.3	64.8	65.8	71.2	74.5	76.2	79.1	83.6	84.5	85.7	86.7	88.2	90.3
36.9	57.3	59.0	61.5	65.2	66.3	72.0	75.4	77.0	80.3	84.9	85.7	87.0	88.0	89.4	92.3
36.9	57.8	59.4	61.9	65.6	66.7	72.5	76.0	77.6	81.4	85.9	86.7	88.4	89.4	90.9	94.2
36.9	57.8	59.4	61.9	65.6	66.7	72.5	76.0	77.8	81.6	86.1	87.0	88.8	89.9	91.3	94.6
36.9	57.8	59.4	61.9	65.6	66.7	72.5	76.4	78.5	82.2	86.7	87.6	89.4	90.5	91.9	95.7
36.9	57.8	59.4	61.9	65.6	66.7	72.7	76.6	78.9	82.6	87.4	88.2	90.1	91.1	92.5	97.3
36.9	57.8	59.4	61.9	65.6	66.7	72.7	76.6	79.1	83.0	87.8	88.6	90.5	91.5	93.2	98.6
36.9	57.8	59.4	61.9	65.6	66.7	72.7	76.6	79.1	83.0	87.8	88.6	90.7	91.7	93.6	99.0
36.9	57.8	59.4	61.9	65.6	66.7	72.7	76.6	79.1	83.0	87.8	88.6	90.7	91.7	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 3170 TIN CITY AFS AK 74-81 FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 18 YEARS OBSERVATIONS 2100-2300

22.5	41.5	44.6	45.1	46.8	47.9	50.9	53.5	54.9	57.1	59.9	60.0	62.3	62.8	63.1	63.8
22.6	42.2	45.3	45.8	47.9	48.9	52.0	54.5	55.9	58.1	61.1	61.2	63.8	64.3	64.7	65.5
22.6	42.5	45.6	46.1	48.2	49.2	52.3	54.9	56.3	58.5	61.4	61.6	64.5	65.0	65.4	66.2
22.6	42.5	45.6	46.1	48.2	49.2	52.3	54.9	56.3	58.8	61.7	61.9	64.9	65.4	65.7	66.6
22.3	42.7	45.8	46.3	48.4	49.4	52.8	55.4	56.8	59.3	62.3	62.4	65.4	65.9	66.2	67.1
23.2	43.1	46.1	46.7	48.9	49.9	53.3	55.9	57.3	59.9	62.8	63.0	65.9	66.6	66.9	67.8
23.2	43.2	46.3	46.8	49.1	50.1	53.5	56.3	57.6	60.2	63.6	63.8	66.9	67.6	67.9	68.8
23.2	43.2	46.3	46.8	49.1	50.1	53.5	56.3	57.6	60.2	64.0	64.2	67.2	67.9	68.3	69.1
24.2	44.9	48.2	48.7	50.9	52.0	55.4	58.1	59.5	62.4	66.6	66.9	70.0	70.7	71.0	72.2
24.4	45.6	48.9	49.4	52.1	53.2	56.8	59.7	61.1	64.3	68.4	68.8	72.0	72.7	73.1	74.3
24.9	47.0	50.3	50.8	53.5	54.5	58.1	61.1	62.4	65.9	70.0	70.3	73.6	74.3	74.6	75.8
24.9	47.5	50.8	51.3	54.2	55.2	58.8	61.7	63.3	66.7	70.8	71.2	74.6	75.3	75.6	76.8
24.9	47.5	50.8	51.3	54.2	55.4	59.3	62.3	64.2	67.6	71.7	72.0	75.5	76.2	76.5	77.7
24.9	47.9	51.3	51.8	54.7	55.9	60.0	63.0	64.8	68.6	72.7	73.1	76.5	77.2	77.5	78.9
24.9	48.2	51.6	52.1	55.4	56.6	60.7	63.6	65.5	69.3	73.4	73.8	77.2	77.9	78.2	79.6
24.9	49.1	52.5	53.0	56.3	57.5	61.6	64.5	66.4	70.2	74.3	74.6	78.0	78.7	79.4	80.8
25.0	50.1	53.5	54.0	57.3	58.5	62.6	65.5	67.6	71.7	75.8	76.2	79.6	80.3	81.0	82.3
25.9	51.3	54.9	55.6	59.2	60.4	64.8	68.1	70.2	74.3	78.4	78.7	82.3	83.0	83.7	85.1
25.9	51.5	55.1	56.3	59.9	61.1	65.5	68.8	70.8	75.0	79.1	79.4	83.0	83.7	84.7	86.1
25.9	51.6	55.2	56.4	60.0	61.2	65.7	69.0	71.0	75.1	79.2	79.6	83.2	83.9	84.9	86.4
26.1	52.3	56.1	57.3	60.9	62.1	66.6	70.0	72.4	76.5	80.6	81.0	84.7	85.4	86.4	88.0
26.4	52.7	56.4	57.6	61.9	63.1	67.6	71.0	73.4	77.5	81.6	82.0	86.1	86.8	87.8	89.4
26.4	52.8	56.6	57.8	62.1	63.3	67.8	71.7	74.1	78.2	82.3	82.7	86.8	87.7	88.7	90.2
26.4	53.2	57.1	58.3	62.8	64.0	68.4	72.4	74.8	79.1	83.2	83.5	88.0	88.9	90.2	91.8
26.4	53.3	57.3	58.5	63.0	64.3	68.8	72.9	75.3	79.8	83.9	84.2	88.9	89.7	91.1	93.6
26.4	53.3	57.3	58.5	63.0	64.3	69.1	73.2	76.0	80.6	84.7	85.1	89.7	90.6	92.3	95.0
26.4	53.3	57.3	58.5	63.0	64.3	69.1	73.6	76.5	81.1	85.2	85.6	90.6	91.4	93.1	95.9
26.4	53.5	57.5	58.7	63.1	64.5	69.5	73.9	76.8	81.5	85.6	85.9	90.9	91.8	93.5	96.4
26.4	53.5	57.5	58.7	63.1	64.5	69.5	73.9	76.8	81.5	85.8	86.1	91.3	92.1	93.8	97.6
26.4	53.5	57.5	58.7	63.1	64.5	69.5	73.9	76.8	81.5	85.8	86.1	91.3	92.1	93.8	97.8
26.4	53.5	57.5	58.7	63.1	64.5	69.5	73.9	76.8	81.5	85.8	86.1	91.3	92.1	93.8	97.8
26.4	53.5	57.5	58.7	63.1	64.5	69.5	73.9	76.8	81.5	85.8	86.1	91.3	92.1	93.8	100.0

TOTAL NUMBER OF OBSERVATIONS 583

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 FEB

[illegible] FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS ALL

26.2	38.1	40.5	41.7	44.1	44.9	47.7	49.6	50.6	52.7	55.2	55.4	57.2	57.5	58.4	59.4
26.7	39.1	41.5	42.7	45.2	46.1	48.9	50.8	51.9	53.9	56.5	56.8	58.6	58.9	59.8	61.0
27.4	4[illegible].1	42.6	43.8	46.3	47.2	50.1	52.1	53.2	55.5	58.3	58.6	60.6	60.9	61.8	63.0
27.4	40.2	42.7	44.0	46.5	47.4	50.4	52.4	53.5	55.8	58.7	58.9	60.9	61.2	62.2	63.4
27.7	40.5	43.0	44.3	46.9	47.8	50.9	52.9	53.9	56.3	59.2	59.5	61.4	61.7	62.7	63.9
28.2	41.1	43.6	44.9	47.5	48.5	51.7	53.7	54.9	57.3	60.2	60.5	62.5	62.9	64.0	65.4
28.6	41.7	44.2	45.5	48.2	49.1	52.3	54.6	55.7	58.1	61.2	61.5	63.5	63.9	65.0	66.4
28.8	41.9	44.5	45.8	48.4	49.4	52.6	54.8	56.0	58.4	61.5	61.8	63.8	64.2	65.3	66.7
29.7	43.2	45.9	47.2	49.9	51.0	54.3	56.6	57.8	60.5	63.9	64.2	66.6	67.0	68.3	69.9
30.3	44.0	46.7	48.3	51.1	52.2	55.7	58.1	59.4	62.4	65.9	66.3	68.7	69.2	70.6	72.2
30.6	44.6	47.4	49.0	51.9	53.0	56.7	59.1	60.5	63.6	67.2	67.6	70.0	70.5	71.9	73.5
30.6	44.8	47.6	49.3	52.2	53.3	57.1	59.5	60.9	64.1	67.7	68.1	70.6	71.1	72.5	74.2
30.7	44.9	47.7	49.3	52.3	53.4	57.2	59.6	61.1	64.3	67.9	68.3	70.8	71.3	72.7	74.4
31.0	45.4	48.3	49.9	53.0	54.1	58.0	60.5	62.0	65.4	69.1	69.6	72.1	72.7	74.2	76.0
31.3	46.3	49.2	50.8	54.1	55.3	59.3	61.9	63.5	66.9	70.7	71.2	73.8	74.4	76.1	77.9
31.4	46.7	49.7	51.3	54.6	55.8	59.8	62.5	64.2	67.7	71.5	72.0	74.8	75.3	77.1	79.1
31.6	47.1	50.2	51.9	55.3	56.5	60.5	63.3	65.0	68.6	72.4	72.9	75.7	76.3	78.1	80.0
32.0	46.0	51.2	53.0	56.6	57.9	62.0	65.0	66.8	70.4	74.4	74.9	77.7	78.3	80.1	82.1
32.1	48.3	51.6	53.4	57.0	58.4	62.5	65.5	67.3	71.1	75.0	75.5	78.3	78.9	80.8	82.8
32.1	48.5	51.9	53.8	57.4	58.8	63.0	66.2	68.0	71.8	75.9	76.4	79.3	79.9	81.9	84.3
32.3	49.1	52.6	54.5	58.2	59.6	63.9	67.2	69.2	73.0	77.3	77.8	80.8	81.5	83.6	86.0
32.4	49.4	52.9	54.9	59.0	60.4	64.8	68.1	70.3	74.2	78.5	79.1	82.3	82.9	85.1	87.6
32.5	49.6	53.1	55.2	59.2	60.7	65.0	68.6	70.7	74.6	79.3	79.8	83.1	83.9	85.9	88.8
32.6	49.9	53.5	55.5	59.7	61.2	65.7	69.4	71.6	75.5	80.2	80.8	84.1	84.9	87.2	90.2
32.7	50.1	53.6	55.7	60.0	61.5	66.1	70.0	72.2	76.2	81.1	81.7	85.2	85.9	88.3	91.8
32.8	50.3	53.9	56.0	60.3	61.9	66.5	70.5	72.8	77.1	82.2	82.8	86.4	87.1	89.6	93.3
32.9	50.4	54.0	56.1	60.5	62.0	66.7	70.8	73.1	77.6	82.8	83.3	87.0	87.8	90.4	94.1
32.9	50.5	54.1	56.2	60.7	62.2	66.9	71.1	73.5	77.9	83.5	84.0	87.8	88.6	91.3	95.1
32.9	50.5	54.1	56.2	60.7	62.2	67.0	71.2	73.6	78.2	83.9	84.4	88.4	89.2	92.0	96.6
32.9	50.5	54.1	56.2	60.7	62.3	67.0	71.3	73.7	78.3	84.0	84.6	88.7	89.5	92.7	97.8
32.9	50.5	54.1	56.2	60.7	62.3	67.0	71.3	73.7	78.3	84.1	84.7	88.8	89.6	92.9	98.6
32.9	50.5	54.1	56.2	60.7	62.3	67.0	71.3	73.7	78.3	84.1	84.7	88.8	89.6	92.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5444

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0001-1200

17.2	34.1	39.4	42.1	45.2	45.7	48.7	54.6	56.3	58.4	59.8	59.8	61.2	61.2	61.3	61.6
17.5	34.4	39.8	42.5	46.0	46.5	49.7	56.2	57.9	60.0	61.4	61.4	62.8	62.8	62.9	63.4
17.7	35.0	40.5	43.2	46.8	47.4	50.8	57.3	59.0	61.1	62.5	62.5	63.9	63.9	64.0	64.5
17.7	35.0	40.5	43.2	46.8	47.4	50.8	57.3	59.0	61.1	62.5	62.5	63.9	63.9	64.0	64.5
17.7	35.0	40.5	43.2	46.9	47.5	50.9	57.4	59.1	61.2	62.6	62.6	64.0	64.0	64.1	64.6
17.7	35.0	40.5	43.2	46.9	47.5	50.9	57.4	59.1	61.2	62.6	62.6	64.0	64.0	64.1	64.6
17.7	35.3	40.9	43.6	47.3	47.9	51.3	57.8	59.5	61.5	63.0	63.0	64.3	64.3	64.5	65.0
17.7	35.8	41.4	44.1	48.1	48.7	52.1	58.6	60.3	62.4	63.9	63.9	65.2	65.2	65.3	65.8
17.8	36.9	42.6	45.3	49.3	49.9	53.5	60.1	61.8	64.0	65.8	65.8	67.2	67.2	67.3	67.8
18.7	39.7	45.5	48.5	52.6	53.2	57.0	64.3	66.1	68.3	70.1	70.1	71.4	71.4	71.6	72.0
19.3	40.4	46.8	49.8	54.0	54.6	58.4	65.7	67.4	69.6	71.4	71.4	72.8	72.8	72.9	73.4
19.4	40.5	47.0	50.1	54.5	55.1	59.2	66.5	68.3	70.8	72.6	72.6	74.0	74.0	74.1	74.6
19.4	40.5	47.0	50.1	54.5	55.1	59.2	66.5	68.3	70.8	72.6	72.6	74.0	74.0	74.1	74.6
19.4	40.8	47.3	50.3	54.7	55.7	59.8	67.6	69.4	72.0	73.9	73.9	75.2	75.2	75.3	75.8
19.9	41.6	48.1	51.2	55.6	56.5	60.7	68.7	70.5	73.4	75.2	75.2	76.6	76.6	76.7	77.2
20.1	42.0	48.5	51.5	55.9	56.9	61.1	69.1	70.8	73.7	75.6	75.6	76.9	76.9	77.0	77.5
20.1	42.2	48.7	52.1	56.5	57.6	61.9	70.0	71.7	74.6	76.4	76.4	77.8	77.8	77.9	78.4
20.1	42.2	49.1	52.5	57.1	58.9	63.7	72.9	74.6	77.8	79.6	79.6	81.0	81.0	81.1	81.6
20.1	42.2	49.2	52.6	57.3	59.0	63.9	73.0	74.7	77.9	79.7	79.7	81.1	81.1	81.2	81.7
20.1	42.2	49.6	53.0	58.1	59.8	64.7	74.5	76.2	79.6	81.6	81.6	82.9	82.9	83.0	83.6
20.1	42.9	50.4	54.0	59.3	61.3	66.3	76.1	77.8	81.6	83.5	83.5	85.0	85.0	85.1	85.8
20.1	42.9	50.4	54.1	59.6	61.5	66.5	76.4	78.3	82.3	84.6	84.6	86.7	86.7	86.8	87.9
20.1	43.1	50.8	54.5	60.0	61.9	67.0	76.9	78.8	83.2	85.5	85.5	87.5	87.5	87.7	88.8
20.1	43.6	51.4	55.1	60.9	63.1	68.6	78.9	80.7	85.1	87.8	87.8	90.0	90.0	90.1	91.6
20.1	43.6	51.6	55.3	61.2	63.4	69.0	79.2	81.1	85.6	88.3	88.3	90.5	90.5	90.6	92.1
20.1	43.6	51.6	55.3	61.2	63.6	70.0	81.0	82.8	87.4	90.4	90.4	92.9	92.9	93.0	94.5
20.1	43.8	51.6	55.4	61.5	64.0	70.7	82.4	84.2	89.1	92.2	92.2	94.7	94.7	94.9	96.3
20.1	44.0	51.8	55.7	61.9	64.5	71.7	83.4	85.2	90.1	93.2	93.2	95.7	95.7	96.0	97.4
20.3	44.4	52.4	56.4	62.6	65.2	72.4	84.1	86.0	90.8	93.9	93.9	96.9	96.9	97.2	99.0
20.3	44.4	52.4	56.4	62.6	65.2	72.4	84.1	86.0	90.8	93.9	93.9	96.9	97.1	97.7	99.8
20.3	44.4	52.4	56.4	62.6	65.2	72.4	84.1	86.0	90.8	93.9	93.9	96.9	97.1	97.7	100.0
20.3	44.4	52.4	56.4	62.6	65.2	72.4	84.1	86.0	90.8	93.9	93.9	96.9	97.1	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

70170 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0900
FROM HOURLY OBSERVATIONS

18.0	34.2	38.2	40.0	44.0	44.4	47.9	54.5	56.3	58.9	60.1	60.1	60.7	60.9	61.4	62.2
18.0	34.3	38.3	40.1	44.3	44.6	48.4	55.4	57.3	59.9	61.1	61.1	61.7	61.9	62.4	63.1
18.5	35.4	39.4	41.2	45.4	45.7	49.9	56.8	58.8	61.3	62.5	62.5	63.1	63.4	63.9	64.6
18.5	35.4	39.4	41.2	45.4	45.7	49.9	56.8	58.8	61.3	62.5	62.5	63.1	63.4	63.9	64.6
18.5	35.4	39.4	41.2	45.4	45.7	49.9	56.8	58.8	61.3	62.5	62.5	63.1	63.4	63.9	64.6
18.5	35.6	39.7	41.5	45.6	46.0	50.1	57.1	59.0	61.6	62.8	62.8	63.4	63.6	64.1	64.8
18.5	35.8	39.8	41.6	45.7	46.1	50.2	57.2	59.1	61.7	62.9	62.9	63.5	63.7	64.2	65.0
18.5	36.4	40.6	42.5	47.0	47.3	51.5	58.4	60.3	62.9	64.1	64.1	64.7	65.0	65.5	66.2
18.9	38.0	42.2	44.0	48.8	49.1	53.3	60.5	62.4	65.3	66.5	66.5	67.2	67.4	67.9	68.6
19.6	39.7	43.9	45.9	51.0	51.3	55.7	63.1	65.1	68.1	69.3	69.3	70.0	70.2	70.7	71.4
20.0	40.1	44.4	46.4	51.5	51.8	56.2	63.6	65.6	68.6	69.8	69.8	70.4	70.7	71.2	71.9
20.2	40.8	45.4	47.4	52.9	53.3	58.0	65.5	67.5	70.8	72.0	72.0	72.6	72.9	73.4	74.1
20.2	40.8	45.4	47.4	52.9	53.3	58.0	65.5	67.5	70.8	72.0	72.0	72.6	72.9	73.4	74.1
20.6	41.2	45.9	48.1	53.5	54.0	58.9	66.5	68.6	72.0	73.2	73.2	73.8	74.1	74.6	75.3
21.2	41.8	46.5	48.7	54.4	54.9	59.7	67.6	69.7	73.6	74.8	74.8	75.4	75.7	76.2	76.9
21.4	42.5	47.1	49.4	55.1	55.6	60.5	68.4	70.4	74.3	75.7	75.7	76.3	76.5	77.0	77.7
21.4	42.5	47.1	49.6	55.4	55.8	61.2	69.1	71.2	75.1	76.4	76.4	77.0	77.3	77.7	78.5
21.4	42.7	47.4	50.0	55.7	56.3	61.8	70.1	72.1	76.0	77.4	77.4	78.0	78.2	78.7	79.4
21.4	42.8	47.6	50.1	55.8	56.4	62.2	70.4	72.5	76.4	78.0	78.0	78.6	78.8	79.3	80.0
21.5	43.1	48.2	50.9	57.1	57.8	63.6	72.1	74.2	79.0	81.1	81.1	81.8	82.0	82.5	83.2
21.5	43.1	48.2	51.0	57.5	58.3	64.4	72.9	74.9	80.2	82.6	82.6	83.2	83.5	83.9	84.7
21.7	43.2	48.5	51.3	58.5	59.2	65.5	74.2	76.3	81.5	84.5	84.5	85.6	85.9	86.4	87.2
21.8	43.6	49.0	51.8	59.0	59.7	66.3	75.4	77.5	83.1	86.3	86.3	87.5	87.7	88.3	89.2
21.8	43.7	49.3	52.3	59.6	60.5	67.3	76.5	78.6	84.3	87.7	87.8	89.1	89.3	90.1	91.0
21.8	43.7	49.3	52.3	59.6	60.6	68.0	77.3	79.3	85.0	88.9	89.1	90.6	90.9	91.7	92.7
21.8	43.7	49.3	52.3	59.6	60.6	68.4	78.2	80.3	86.6	90.8	90.9	92.7	93.1	94.0	95.1
21.8	43.8	49.6	52.8	60.1	61.1	69.0	79.1	81.3	87.6	91.8	92.0	93.8	94.2	95.1	96.2
21.8	43.8	49.8	53.0	60.8	61.8	69.8	79.9	82.1	88.4	92.9	93.1	94.9	95.3	96.2	97.3
21.9	44.2	50.4	53.6	61.4	62.4	70.4	80.8	83.0	89.3	94.0	94.3	96.2	96.6	97.8	99.3
21.9	44.2	50.4	53.6	61.6	62.5	70.6	80.9	83.1	89.4	94.2	94.4	96.4	96.7	98.4	100.0
21.9	44.2	50.4	53.6	61.6	62.5	70.6	80.9	83.1	89.4	94.2	94.4	96.4	96.7	98.4	100.0
21.9	44.2	50.4	53.6	61.6	62.5	70.6	80.9	83.1	89.4	94.2	94.4	96.4	96.7	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 822

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]17[illegible] TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE 0600-0830
ROW = CEILING; COLUMN = VISIBILITY

26.9	33.7	36.1	37.7	39.7	40.1	42.8	45.5	47.0	49.3	49.9	49.9	51.3	51.7	52.8	53.4
26.9	34.3	36.7	38.3	40.5	41.0	43.8	46.6	48.1	50.4	51.0	51.0	52.4	52.8	53.9	54.7
27.5	35.0	37.5	39.1	41.2	41.7	44.5	47.3	49.0	51.3	51.9	51.9	53.4	53.9	55.0	55.8
27.5	35.0	37.5	39.1	41.4	41.8	44.6	47.4	49.1	51.5	52.1	52.1	53.5	54.0	55.1	56.0
27.9	35.4	38.1	40.0	42.3	42.8	45.6	48.4	50.1	52.6	53.4	53.4	54.9	55.4	56.4	57.4
27.9	35.4	38.2	40.1	42.6	43.2	46.0	48.8	50.5	52.9	53.8	53.8	55.2	55.7	56.8	57.8
27.9	35.4	38.2	40.1	42.6	43.2	46.0	48.8	50.5	52.9	53.8	53.8	55.2	55.7	56.8	57.8
27.9	35.5	38.3	40.3	42.7	43.4	46.2	49.0	50.7	53.3	54.1	54.1	55.6	56.1	57.2	58.2
28.7	36.7	39.7	41.7	44.5	45.3	48.1	51.0	52.7	55.5	56.3	56.3	57.9	58.4	59.5	60.5
31.4	40.1	43.1	45.4	48.8	49.6	52.8	56.1	57.9	60.8	62.0	62.0	63.7	64.2	65.3	66.3
31.4	40.3	43.2	45.5	49.0	49.9	53.4	57.2	59.0	62.0	63.3	63.3	65.0	65.5	66.5	67.5
31.6	40.9	43.8	46.1	49.8	50.6	54.1	58.0	60.1	63.1	64.4	64.4	66.2	66.7	67.8	68.7
31.6	40.9	43.8	46.1	49.8	50.6	54.1	58.0	60.1	63.1	64.6	64.6	66.4	66.9	68.0	69.0
32.1	42.1	45.3	47.8	51.8	52.8	56.6	60.6	62.7	65.8	67.4	67.4	69.3	69.8	70.9	71.9
32.6	42.7	45.9	48.4	52.6	53.6	57.7	61.9	64.2	67.4	69.0	69.0	70.9	71.4	72.5	73.5
33.0	43.1	46.2	48.8	53.2	54.3	58.4	62.7	65.0	68.2	69.8	69.8	71.9	72.4	73.5	74.5
33.2	43.4	46.6	49.1	53.9	55.0	59.1	63.4	65.8	69.2	70.8	70.8	72.9	73.4	74.5	75.4
33.2	43.6	46.8	49.4	54.4	55.5	59.9	64.7	67.3	71.0	72.7	72.7	75.1	75.7	77.1	78.1
33.2	43.7	47.0	49.5	54.5	55.6	60.0	64.8	67.4	71.2	72.9	72.9	75.2	75.8	77.3	78.2
33.5	44.2	47.4	50.0	55.4	56.6	61.2	66.3	69.1	73.8	76.3	76.4	78.7	79.3	80.9	81.9
34.1	44.8	48.3	50.9	56.2	57.4	62.3	67.6	70.4	75.5	78.3	78.5	80.9	81.5	83.3	84.3
34.2	45.0	48.8	51.3	57.1	58.3	63.1	68.9	71.8	76.9	80.5	80.8	83.5	84.2	86.1	87.1
34.3	45.1	48.9	51.6	57.5	58.8	63.6	69.8	73.0	78.5	82.5	82.7	85.5	86.3	88.2	89.3
34.3	45.1	49.0	51.8	58.0	59.4	64.4	70.6	73.7	79.6	83.9	84.2	87.0	87.7	89.7	90.9
34.3	45.3	49.1	51.9	58.3	59.6	64.8	71.0	74.2	80.2	85.0	85.3	88.1	88.8	90.8	92.0
34.3	45.3	49.4	52.3	58.6	60.0	65.6	71.9	75.2	81.1	86.3	86.5	89.7	90.5	92.7	94.3
34.3	45.3	49.4	52.4	58.8	60.1	65.8	72.1	75.7	81.6	86.7	87.0	90.1	91.0	93.2	94.8
34.3	45.5	49.8	52.8	59.1	60.5	66.3	72.7	76.3	82.4	87.5	87.7	90.9	91.7	93.9	95.9
34.4	45.9	50.1	53.2	59.5	61.2	67.0	73.5	77.1	83.5	89.3	89.7	93.2	94.0	96.4	98.4
34.4	45.9	50.2	53.3	59.6	61.3	67.2	73.8	77.5	83.9	90.1	90.5	94.3	95.1	97.4	99.8
34.4	45.9	50.2	53.3	59.6	61.3	67.2	74.0	77.6	84.1	90.4	90.8	94.5	95.4	97.7	100.0
34.4	45.9	50.2	53.3	59.6	61.3	67.2	74.0	77.6	84.1	90.4	90.8	94.5	95.4	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 622

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE 0900-1100
FROM HOURLY OBSERVATIONS

28.1	34.1	36.8	38.2	41.7	42.0	43.7	45.1	45.6	46.9	49.5	49.7	50.2	50.3	50.9	51.5
28.7	35.1	37.8	39.1	43.0	43.4	45.1	46.4	46.9	48.2	50.8	51.0	51.5	51.6	52.2	52.9
30.0	36.6	39.4	40.8	45.2	45.7	47.4	48.8	49.5	50.9	53.8	54.1	54.8	54.9	55.5	56.5
30.0	36.7	39.5	40.9	45.3	45.8	47.5	49.0	49.6	51.0	53.9	54.2	54.9	55.0	55.7	56.6
30.1	36.8	40.0	41.6	45.9	46.4	48.1	49.7	50.3	51.9	55.2	55.5	56.4	56.5	57.1	58.4
30.9	37.7	40.8	42.6	47.1	47.6	49.3	50.9	51.5	53.1	56.6	57.0	57.8	58.0	58.6	59.9
31.1	37.9	41.2	43.0	47.5	48.0	49.8	51.4	52.0	53.6	57.1	57.5	58.3	58.4	59.1	60.5
31.1	37.9	41.2	43.0	47.6	48.1	49.9	51.5	52.1	53.7	57.2	57.6	58.4	58.6	59.2	60.6
32.6	39.6	42.9	44.6	49.9	50.4	52.6	54.6	55.2	56.7	60.4	60.8	61.6	61.7	62.3	63.9
34.3	41.6	45.1	47.1	53.6	54.2	56.5	59.1	59.8	61.4	65.6	66.0	67.0	67.2	67.9	69.7
34.9	42.3	45.8	47.9	54.4	55.0	57.5	60.3	61.0	62.6	67.2	67.6	68.5	68.8	69.5	71.3
35.4	42.8	46.3	48.4	54.9	55.5	58.2	61.4	62.1	63.7	68.3	68.7	69.6	69.9	70.6	72.4
35.4	42.8	46.3	48.4	54.9	55.5	58.2	61.4	62.1	63.7	68.3	68.7	69.6	69.9	70.6	72.4
36.2	43.9	47.4	49.5	56.3	56.9	59.5	63.1	63.8	65.5	70.1	70.5	71.9	72.3	73.1	75.0
36.8	45.0	48.6	51.0	58.1	59.1	61.7	65.6	66.7	68.5	73.3	73.6	75.2	75.6	76.4	78.3
37.1	45.6	49.2	51.6	58.8	59.8	62.5	66.3	67.4	69.5	74.5	74.8	76.5	76.9	77.8	79.6
37.1	45.6	49.2	51.6	58.9	59.9	62.6	66.5	67.6	69.9	75.1	75.5	77.2	77.5	78.4	80.2
37.4	46.1	49.7	52.1	59.9	60.9	63.9	68.3	69.6	72.1	78.0	78.4	80.2	80.6	81.8	84.2
37.5	46.2	49.9	52.4	60.1	61.1	64.5	69.0	70.4	72.8	78.7	79.1	80.9	81.3	82.5	84.9
37.5	46.4	50.3	52.7	60.8	61.8	65.5	70.2	71.6	74.2	80.6	81.9	83.0	83.4	84.7	87.1
37.7	46.8	50.7	53.2	61.2	62.3	66.1	70.8	72.3	75.0	81.4	81.8	84.2	84.6	86.0	88.5
37.7	46.9	50.8	53.3	61.4	62.5	66.5	71.3	72.9	75.6	82.7	83.1	85.7	86.0	87.6	90.0
37.7	46.9	50.8	53.3	61.4	62.5	66.5	71.3	72.9	75.6	82.9	83.2	85.8	86.1	87.8	90.3
37.8	47.3	51.2	53.7	61.7	62.8	66.8	71.8	73.4	76.5	84.1	84.4	87.2	87.6	89.6	92.1
37.8	47.3	51.4	53.9	62.0	63.1	67.1	72.2	73.8	77.2	84.8	85.2	88.0	88.3	90.3	93.1
37.8	47.3	51.4	53.9	62.0	63.1	67.4	72.8	74.4	77.8	85.4	85.9	88.7	89.1	91.0	93.8
37.8	47.3	51.4	53.9	62.0	63.1	67.6	73.1	74.7	78.1	85.8	86.3	89.3	89.7	91.6	94.4
37.8	47.3	51.4	54.2	62.3	63.4	67.9	73.6	75.2	78.6	86.4	86.9	89.9	90.3	92.3	95.3
37.9	47.5	51.8	54.6	62.8	64.0	68.8	74.7	76.5	80.2	88.6	89.1	92.7	93.1	95.4	98.3
37.9	47.6	51.9	54.8	63.1	64.3	69.1	75.1	76.9	80.7	89.6	90.0	93.8	94.2	96.6	99.5
37.9	47.6	51.9	54.8	63.1	64.3	69.1	75.1	76.9	80.7	89.6	90.0	93.9	94.3	96.7	99.6
37.9	47.6	51.9	54.8	63.1	64.3	69.1	75.1	76.9	80.7	89.6	90.0	93.9	94.3	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 823

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70117C TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

31.5	36.2	37.9	39.7	41.3	41.9	44.8	46.8	47.6	48.0	50.1	50.5	51.9	52.0	52.5	53.4
32.0	36.7	38.5	40.3	42.1	42.8	45.6	47.6	48.8	49.3	51.4	51.7	53.4	53.5	54.0	54.9
32.9	37.7	39.7	41.4	44.0	44.6	47.5	49.5	50.7	51.6	53.9	54.2	55.9	56.0	56.6	57.5
32.9	37.8	39.8	41.5	44.1	44.8	47.9	49.9	51.1	52.0	54.2	54.6	56.2	56.4	57.0	57.9
33.1	37.9	39.9	41.6	44.6	45.3	48.4	50.6	51.9	52.7	55.1	55.5	57.1	57.2	57.9	58.7
33.5	38.5	40.6	42.6	45.6	46.3	49.4	51.6	52.9	53.7	56.2	56.6	58.2	58.4	59.0	59.9
33.9	39.0	41.1	43.1	46.1	46.8	49.9	52.2	53.5	54.4	56.9	57.2	58.9	59.0	59.6	60.6
34.2	39.3	41.4	43.4	46.4	47.0	50.1	52.5	53.7	54.6	57.1	57.5	59.1	59.2	59.9	60.8
35.9	41.1	43.3	45.4	49.3	50.1	53.2	56.0	57.4	58.4	60.8	61.2	62.8	63.0	63.6	64.6
37.2	42.8	44.9	47.0	51.1	52.1	55.7	59.1	61.2	62.6	65.6	66.0	68.2	68.3	69.0	70.2
37.5	43.5	45.6	47.8	52.1	53.1	56.7	60.3	62.5	63.8	67.0	67.3	69.6	69.7	70.3	71.6
38.2	44.3	46.4	48.5	52.9	54.0	57.7	61.7	63.8	65.2	68.3	68.7	70.9	71.1	71.7	72.9
38.2	44.3	46.4	48.5	52.9	54.0	57.7	61.7	63.8	65.2	68.3	68.7	70.9	71.1	71.7	72.9
38.9	45.3	47.6	49.8	54.5	55.6	59.7	63.7	65.8	67.2	70.3	70.7	73.1	73.3	74.1	75.3
39.7	46.0	48.4	50.7	55.6	57.4	61.7	66.8	69.6	71.1	74.2	74.6	77.1	77.3	78.3	79.6
39.9	46.6	49.0	51.5	56.5	58.5	63.1	68.3	71.2	72.7	76.1	76.4	78.9	79.2	80.2	81.4
40.1	46.9	49.3	51.7	56.7	58.7	63.3	68.7	71.8	73.3	76.8	77.2	79.8	80.0	81.3	82.7
40.5	47.3	49.9	52.4	57.6	59.7	64.7	71.2	74.3	75.9	79.4	79.8	82.7	83.0	84.4	86.2
40.5	47.3	49.9	52.4	57.6	59.7	64.7	71.4	74.7	76.4	79.9	80.3	83.2	83.5	84.9	86.7
40.5	47.3	49.9	52.4	57.6	59.7	65.0	71.8	75.1	77.1	80.7	81.2	84.5	84.9	86.7	88.7
40.8	48.0	50.6	53.1	58.4	60.5	65.7	72.7	75.9	78.1	82.0	82.5	86.0	86.4	88.3	90.4
40.9	48.3	50.9	53.5	58.9	61.0	66.2	73.2	76.4	78.7	82.8	83.3	86.9	87.4	89.4	91.5
41.0	48.4	51.0	53.6	59.0	61.1	66.5	73.4	76.8	79.2	83.5	84.0	87.8	88.3	90.3	92.4
41.1	48.5	51.1	53.7	59.1	61.2	66.6	73.6	77.1	79.8	84.2	84.7	88.4	88.9	90.9	93.3
41.1	48.9	51.5	54.2	59.7	61.8	67.3	74.3	77.9	80.8	85.2	85.7	89.4	89.9	91.9	94.5
41.1	49.0	51.7	54.5	60.2	62.3	68.1	75.2	79.1	81.9	86.3	86.8	90.5	91.0	93.0	95.6
41.1	49.0	51.7	54.5	60.2	62.3	68.2	75.6	79.4	82.5	86.9	87.4	91.1	91.6	93.6	96.3
41.1	49.4	52.1	54.9	60.6	62.7	68.6	76.2	80.0	83.2	87.5	88.0	92.1	92.6	94.8	97.6
41.5	49.8	52.5	55.6	61.6	63.7	69.6	77.3	81.2	84.3	89.0	89.5	93.8	94.3	96.4	99.3
41.5	49.8	52.5	55.6	61.6	63.7	69.6	77.4	81.3	84.4	89.4	89.9	94.3	94.8	96.9	99.8
41.5	49.8	52.5	55.6	61.6	63.7	69.6	77.4	81.3	84.4	89.4	89.9	94.3	94.8	96.9	100.0
41.5	49.8	52.5	55.6	61.6	63.7	69.6	77.4	81.3	84.4	89.4	89.9	94.3	94.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 602

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-1171 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

33.0	38.1	39.1	40.5	42.2	43.1	44.5	47.6	48.3	50.3	51.8	52.0	52.7	52.7	53.3	54.0
33.0	38.1	39.4	40.8	42.6	43.5	44.9	48.4	49.3	51.3	52.8	53.0	54.1	54.1	54.7	55.4
33.4	38.7	39.9	41.4	43.2	44.1	45.9	49.4	50.3	52.3	54.0	54.1	55.7	55.7	56.2	56.9
33.6	38.8	40.1	41.5	43.3	44.2	46.3	49.9	50.7	52.7	54.4	54.5	56.1	56.1	56.7	57.4
34.0	39.2	40.5	42.2	44.3	45.2	47.3	51.0	51.8	53.8	55.5	55.7	57.2	57.2	57.8	58.5
34.1	39.4	40.7	42.4	44.5	45.3	47.5	51.1	52.0	54.0	55.7	56.1	57.6	57.6	58.2	56.9
34.1	39.4	40.7	42.4	44.5	45.3	47.5	51.3	52.1	54.1	55.8	56.2	57.8	57.8	58.4	59.1
34.6	39.8	41.1	42.8	44.9	45.8	47.9	51.7	52.5	54.5	56.2	56.7	58.2	58.2	58.8	59.5
37.5	43.2	44.6	46.3	48.6	49.6	51.8	55.7	56.5	58.6	60.6	61.0	62.7	62.9	63.6	64.3
39.4	45.8	47.2	49.6	52.3	53.4	56.1	60.9	62.2	64.7	67.4	67.8	69.5	69.7	71.1	72.0
39.7	46.5	47.9	50.3	53.0	54.1	57.1	62.0	63.3	65.9	68.6	69.0	70.7	70.8	72.2	73.1
39.9	46.7	48.2	50.6	53.3	54.4	57.4	62.7	64.0	66.6	69.3	69.7	71.4	71.5	72.9	73.8
39.9	46.7	48.2	50.6	53.3	54.4	57.4	62.7	64.0	66.6	69.3	69.7	71.4	71.5	72.9	73.8
39.9	46.7	48.3	50.7	53.5	54.7	58.2	63.7	65.0	67.6	70.3	70.7	72.4	72.5	73.9	74.8
40.4	47.2	49.2	51.6	54.4	55.8	60.1	66.4	68.1	70.7	73.7	74.1	75.9	76.1	77.5	76.3
40.4	47.2	49.2	51.6	54.4	55.8	60.1	66.9	68.8	71.4	74.8	75.2	77.1	77.2	78.6	79.5
41.2	48.2	50.1	52.5	55.4	56.8	61.0	67.8	70.0	72.5	76.1	76.5	78.3	78.5	80.3	81.3
41.2	48.3	50.6	53.1	56.2	57.6	62.2	69.4	71.5	74.1	77.6	78.0	80.2	80.3	82.3	83.7
41.2	48.3	50.6	53.1	56.2	57.6	62.2	69.4	71.5	74.1	77.6	78.0	80.2	80.3	82.3	83.7
41.4	48.4	50.8	53.4	56.7	58.1	62.7	70.3	72.5	75.2	79.0	79.5	82.0	82.4	84.6	86.1
41.9	49.2	51.6	54.1	57.4	58.8	63.6	71.5	73.8	76.8	80.7	81.2	84.1	84.6	86.8	88.7
42.1	49.3	51.7	54.2	57.6	59.1	64.2	72.1	74.4	77.6	81.6	82.0	85.0	85.4	87.8	89.8
42.1	49.3	51.7	54.2	57.9	59.3	64.4	72.5	74.9	78.5	82.4	82.9	85.8	86.3	88.7	90.7
42.1	49.7	52.1	54.7	58.5	59.9	65.0	73.1	75.8	79.6	84.0	84.4	87.5	88.0	90.5	92.8
42.1	50.4	52.8	55.4	59.3	60.8	65.9	73.9	76.6	80.5	84.8	85.3	88.4	88.8	91.4	93.6
42.1	50.7	53.1	55.7	59.6	61.2	66.3	74.4	77.1	81.3	85.7	86.1	89.2	89.7	92.2	94.6
42.4	51.1	53.5	56.1	60.1	61.6	66.7	74.9	77.8	82.0	86.4	86.8	90.1	90.5	93.2	95.9
42.4	51.1	53.7	56.4	60.3	61.9	67.0	75.2	78.0	82.3	86.7	87.1	90.4	90.9	94.1	97.2
42.4	51.1	53.8	56.5	60.8	62.3	67.8	76.1	78.9	83.1	87.7	88.1	91.4	91.9	95.0	98.3
42.4	51.3	54.0	56.9	61.6	63.2	68.7	77.2	80.2	84.4	89.0	89.4	92.8	93.3	96.5	100.0
42.4	51.3	54.0	56.9	61.6	63.2	68.7	77.2	80.2	84.4	89.0	89.4	92.8	93.3	96.5	100.0
42.4	51.3	54.0	56.9	61.6	63.2	68.7	77.2	80.2	84.4	89.0	89.4	92.8	93.3	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 736

1 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE 1800-2300
FROM HOURLY OBSERVATIONS

27.4	37.9	40.4	42.2	46.6	47.9	48.6	51.3	53.6	54.9	55.6	55.6	56.4	56.4	56.9	56.9
27.4	37.9	40.4	42.2	46.7	48.1	48.7	51.9	54.3	55.6	56.4	56.4	57.8	57.8	58.1	58.3
27.4	38.2	40.7	42.6	47.2	48.6	50.1	53.3	55.6	56.9	57.9	57.9	59.3	59.3	59.6	59.8
27.9	38.7	41.2	43.1	47.7	49.1	50.6	53.8	56.1	57.4	58.4	58.4	59.8	59.6	60.1	60.3
28.1	39.1	41.7	43.6	48.2	49.6	51.1	54.3	56.6	57.9	58.9	58.9	60.3	60.3	60.6	60.8
28.3	39.1	41.9	43.7	48.4	49.7	51.4	54.6	56.9	58.3	59.3	59.3	60.8	60.8	61.3	61.4
28.3	39.1	41.9	43.7	48.7	50.1	52.1	55.3	57.6	58.9	59.9	59.9	61.4	61.4	61.9	62.1
28.7	39.7	42.6	44.4	49.4	50.8	52.8	55.9	58.3	59.6	60.6	60.6	62.1	62.1	62.6	62.8
29.7	41.2	44.1	45.9	51.1	52.6	54.6	57.8	60.1	61.4	62.4	62.4	63.9	64.3	64.8	64.9
31.6	44.2	47.1	49.2	54.6	56.4	58.9	62.8	65.1	67.1	68.1	68.1	69.8	70.1	70.6	70.8
31.6	44.6	47.4	49.6	55.1	56.9	59.8	63.8	66.1	68.1	69.1	69.1	70.8	71.1	71.6	71.8
31.6	44.6	47.4	49.6	55.1	56.9	59.9	63.9	66.3	68.3	69.3	69.3	71.0	71.3	71.8	72.0
31.7	44.7	47.6	49.7	55.3	57.1	60.1	64.1	66.4	68.4	69.4	69.4	71.1	71.5	72.0	72.1
31.9	44.9	47.7	49.9	55.6	57.4	60.8	65.4	67.8	70.1	71.1	71.1	72.8	73.1	73.6	73.8
32.2	45.2	48.1	50.3	55.9	57.8	61.1	66.4	68.8	71.1	72.1	72.1	73.8	74.1	74.6	74.8
32.7	45.7	48.6	50.8	56.4	58.3	61.6	67.1	69.4	71.6	72.8	72.8	74.5	74.8	75.3	75.5
32.9	45.9	48.7	50.9	56.6	58.6	61.9	67.4	69.9	72.3	73.3	73.3	75.3	75.6	76.3	76.5
32.9	45.9	48.7	51.1	56.8	58.8	62.1	68.4	71.3	73.8	75.3	75.3	77.6	78.0	79.3	79.6
32.9	45.9	48.7	51.1	56.8	58.9	62.3	68.6	71.5	74.0	75.6	75.6	78.1	78.5	80.0	80.5
32.9	45.9	48.7	51.1	57.1	59.4	62.9	69.3	72.1	74.6	76.3	76.6	79.8	80.1	81.6	82.3
32.9	45.9	48.7	51.1	57.1	59.4	63.3	70.1	73.3	76.3	78.3	78.6	82.6	83.1	85.0	86.0
32.9	45.9	48.7	51.3	57.6	60.1	64.1	71.3	74.6	78.1	80.1	80.5	84.5	85.0	86.8	88.3
32.9	46.1	48.9	51.4	57.8	60.3	64.3	72.0	75.5	79.0	81.0	81.3	85.3	85.8	87.6	89.1
32.9	46.9	49.7	52.3	58.6	61.1	65.4	73.5	77.1	80.8	83.3	83.6	87.6	88.1	90.0	91.5
33.1	47.4	50.3	52.9	59.3	61.8	66.4	74.5	78.1	81.8	84.3	84.6	88.6	89.1	91.0	93.0
33.1	47.4	50.4	53.1	59.8	62.4	67.1	75.1	79.3	83.0	85.5	85.8	90.3	90.8	92.7	95.0
33.1	47.6	50.6	53.3	59.9	62.6	67.3	75.3	79.5	83.3	86.3	86.6	91.2	91.7	93.5	96.2
33.1	47.6	50.6	53.4	60.4	63.1	67.8	76.0	80.1	84.0	87.0	87.3	91.8	92.3	94.3	97.0
33.1	47.6	50.8	53.6	60.6	63.3	68.3	76.5	81.0	85.0	88.0	88.3	92.8	93.3	95.3	98.3
33.1	47.6	50.8	53.6	60.9	63.6	68.6	76.8	81.3	85.6	88.8	89.1	93.7	94.2	96.2	99.3
33.1	47.6	50.8	53.8	60.9	63.6	68.6	77.0	81.5	86.0	89.3	89.6	94.3	94.6	96.8	100.0
33.1	47.6	50.8	53.8	60.9	63.6	68.6	77.0	81.5	86.0	89.3	89.6	94.3	94.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 599

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 2100-2300

19.7	36.2	40.0	42.3	46.1	46.8	48.7	54.4	56.7	58.6	59.8	59.8	60.5	60.5	60.7	61.1
19.7	36.4	40.3	42.6	46.4	47.1	49.0	55.5	58.1	60.0	61.3	61.3	62.0	62.0	62.1	62.6
19.7	36.4	40.3	42.6	46.4	47.1	49.4	56.0	58.6	60.5	62.0	62.0	62.7	62.7	62.8	63.2
19.7	36.4	40.3	42.6	46.5	47.2	49.5	56.2	58.8	60.7	62.1	62.1	62.8	62.8	63.0	63.4
19.8	36.5	40.4	42.7	46.7	47.4	49.7	56.3	58.9	60.8	62.3	62.3	63.0	63.0	63.1	63.5
19.8	36.9	40.8	43.1	47.1	47.8	50.1	56.7	59.3	61.2	62.7	62.7	63.4	63.4	63.5	63.9
19.8	37.0	41.0	43.3	47.2	47.9	50.2	56.9	59.4	61.3	62.8	62.8	63.5	63.5	63.6	64.0
19.9	37.4	41.5	43.8	48.2	48.8	51.2	57.8	60.4	62.3	63.8	63.8	64.5	64.5	64.6	65.0
20.4	38.8	42.9	45.2	49.8	50.5	52.9	59.6	62.1	64.0	65.8	65.8	66.5	66.5	66.6	67.0
21.3	41.4	45.7	48.4	53.3	54.3	56.7	63.6	66.2	68.1	70.0	70.0	70.7	70.7	70.8	71.2
21.8	42.3	46.9	49.7	54.5	55.5	57.9	65.3	67.8	69.7	71.6	71.6	72.3	72.3	72.5	72.9
22.0	42.5	47.1	49.8	54.7	55.8	58.5	65.9	68.7	70.7	72.6	72.6	73.3	73.3	73.4	73.8
22.0	42.5	47.1	49.8	54.7	55.8	58.5	65.9	68.7	70.7	72.6	72.6	73.3	73.3	73.4	73.8
22.1	42.9	47.5	50.3	55.2	56.3	59.0	66.5	69.3	71.6	73.5	73.5	74.2	74.2	74.4	74.8
22.3	43.0	47.6	50.5	55.4	56.6	59.3	67.2	70.0	72.3	74.2	74.2	74.9	74.9	75.0	75.4
22.7	43.6	48.2	51.0	55.9	57.1	60.0	67.8	70.7	73.0	74.9	74.9	75.6	75.6	75.7	76.1
22.7	43.8	48.4	51.6	56.4	57.7	60.5	68.9	71.8	74.2	76.1	76.1	76.9	76.9	77.1	77.5
22.7	44.4	49.3	52.5	57.4	58.8	62.1	71.9	74.8	77.2	79.5	79.5	80.5	80.5	81.0	81.7
22.7	44.4	49.4	52.6	57.5	58.9	62.4	73.0	75.8	78.3	80.6	80.6	81.5	81.5	82.1	82.8
22.7	44.4	49.4	52.9	57.9	59.3	63.1	73.9	76.8	79.5	82.2	82.2	83.6	83.6	84.1	84.9
22.7	44.5	49.7	53.3	58.6	60.1	64.0	75.3	78.3	81.3	84.3	84.3	85.8	85.8	86.3	87.4
22.7	44.5	49.7	53.3	58.6	60.4	64.3	76.1	79.5	83.0	86.2	86.2	87.8	87.8	88.5	89.7
22.7	44.5	49.7	53.5	58.8	60.5	64.5	76.5	79.9	83.4	86.8	86.8	88.9	88.9	89.6	90.8
22.7	45.3	50.5	54.3	59.6	61.6	65.8	78.2	81.5	85.1	88.6	88.6	90.9	90.9	91.6	92.8
22.7	45.6	50.9	54.7	60.0	62.0	66.2	79.0	82.4	86.0	89.6	89.6	91.9	91.9	92.5	93.8
22.7	45.7	51.0	55.0	60.2	62.3	67.0	80.5	84.0	87.7	91.2	91.2	93.8	93.9	94.6	95.8
22.7	45.7	51.0	55.0	60.4	62.4	67.3	81.1	84.7	88.5	92.3	92.3	94.8	95.0	95.7	96.9
22.7	45.7	51.2	55.4	60.8	62.8	67.7	81.5	85.1	88.9	92.7	92.7	95.3	95.4	96.1	97.3
22.8	46.0	51.6	55.9	61.3	63.4	68.4	82.2	85.8	89.8	93.8	93.8	96.5	96.6	97.3	98.9
22.8	46.0	51.6	55.9	61.3	63.4	68.5	82.4	85.9	90.0	94.0	94.0	97.0	97.2	98.0	99.6
22.8	46.0	51.6	55.9	61.3	63.4	68.5	82.4	85.9	90.1	94.2	94.2	97.3	97.4	98.2	99.9
22.8	46.0	51.6	55.9	61.3	63.4	68.5	82.4	85.9	90.1	94.2	94.2	97.3	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 737

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

72170 TIN CITY AFS AK 73-81 MAR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS ALL

25.1	35.4	38.4	40.2	43.2	43.8	46.1	49.9	51.3	53.1	54.5	54.6	55.6	55.7	56.2	56.8
25.2	35.8	38.8	40.7	43.9	44.5	46.9	51.0	52.5	54.3	55.7	55.8	56.9	57.1	57.5	58.1
25.8	36.5	39.6	41.5	44.9	45.5	48.1	52.3	53.9	55.7	57.3	57.4	58.6	58.7	59.2	59.9
25.8	36.6	39.7	41.6	45.0	45.6	48.3	52.5	54.1	55.9	57.5	57.6	58.8	58.9	59.4	60.1
26.0	36.8	40.0	42.0	45.5	46.1	48.8	53.0	54.6	56.5	58.2	58.3	59.5	59.6	60.1	60.8
26.2	37.1	40.3	42.4	45.9	46.6	49.3	53.5	55.1	56.9	58.7	58.8	60.0	60.2	60.7	61.4
26.2	37.3	40.5	42.6	46.1	46.8	49.6	53.8	55.4	57.3	59.0	59.2	60.3	60.5	61.0	61.8
26.4	37.6	40.9	43.0	46.7	47.4	50.1	54.4	56.0	57.9	59.6	59.8	60.9	61.1	61.6	62.4
27.5	39.3	42.7	44.8	48.8	49.6	52.4	56.8	58.5	60.5	62.3	62.5	63.7	63.9	64.4	65.2
29.0	41.7	45.2	47.5	52.1	52.9	56.1	61.0	62.8	65.0	67.2	67.4	68.7	68.9	69.5	70.4
29.3	42.3	45.9	48.3	52.9	53.7	57.0	62.2	64.0	66.2	68.4	68.6	69.9	70.1	70.8	71.6
29.6	42.7	46.4	48.7	53.4	54.3	57.8	63.2	65.0	67.3	69.6	69.7	71.1	71.3	71.9	72.6
29.6	42.8	46.4	48.7	53.4	54.4	57.8	63.2	65.0	67.4	69.6	69.8	71.1	71.3	72.0	72.8
30.0	43.4	47.1	49.5	54.4	55.4	59.0	64.6	66.5	68.9	71.2	71.4	72.8	73.1	73.7	74.6
30.5	44.0	47.7	50.3	55.2	56.4	60.2	66.3	68.4	71.0	73.3	73.5	75.0	75.2	75.9	76.8
30.8	44.4	48.2	50.8	55.8	57.0	60.9	67.1	69.2	71.8	74.3	74.4	76.0	76.2	76.9	77.8
30.9	44.7	48.5	51.1	56.2	57.5	61.5	67.7	69.9	72.6	75.2	75.3	76.9	77.1	77.9	78.8
31.0	45.0	48.9	51.6	56.9	58.3	62.6	69.6	71.9	74.7	77.5	77.6	79.4	79.7	80.7	81.8
31.0	45.0	49.0	51.7	57.0	58.4	62.8	70.0	72.3	75.1	77.9	78.1	79.9	80.1	81.2	82.3
31.1	45.2	49.3	52.0	57.6	59.1	63.6	71.1	73.5	76.7	79.8	80.0	82.1	82.4	83.5	84.8
31.3	45.6	49.8	52.6	58.3	59.8	64.5	72.2	74.6	78.1	81.5	81.7	84.0	84.3	85.6	86.9
31.4	45.7	50.0	52.8	58.7	60.3	65.1	73.0	75.5	79.2	83.0	83.2	85.7	86.1	87.4	88.9
31.4	45.8	50.1	53.0	59.0	60.5	65.4	73.5	76.2	80.1	83.9	84.2	86.8	87.1	88.5	90.1
31.5	46.2	50.5	53.5	59.6	61.2	66.3	74.5	77.2	81.4	85.5	85.8	88.5	88.8	90.3	92.0
31.5	46.4	50.8	53.8	60.0	61.6	66.9	75.2	77.9	82.1	86.4	86.7	89.4	89.8	91.3	93.1
31.5	46.5	51.0	54.0	60.2	61.9	67.5	76.1	79.0	83.3	87.7	88.0	91.0	91.4	92.9	94.8
31.5	46.6	51.1	54.2	60.4	62.1	67.9	76.7	79.6	84.1	88.6	88.9	91.9	92.3	93.8	95.8
31.5	46.7	51.3	54.5	60.8	62.6	68.4	77.4	80.2	84.7	89.3	89.6	92.7	93.1	94.7	96.9
31.6	47.0	51.6	54.9	61.4	63.2	69.2	78.2	81.2	85.8	90.6	90.9	94.3	94.7	96.4	98.7
31.6	47.0	51.7	55.0	61.6	63.4	69.4	78.5	81.5	86.2	91.2	91.5	94.9	95.4	97.2	99.7
31.6	47.0	51.7	55.0	61.6	63.4	69.4	78.5	81.5	86.2	91.3	91.6	95.1	95.5	97.4	100.0
31.6	47.0	51.7	55.0	61.6	63.4	69.4	78.5	81.5	86.2	91.3	91.6	95.1	95.5	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 6130

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 117 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
1000 HOURS OBSERVATIONS

0000-0300

17.8	33.7	36.1	37.3	39.7	40.9	43.9	46.7	47.6	46.4	50.5	50.5	51.9	51.9	52.1	52.1
17.8	33.8	36.2	37.5	40.1	41.2	44.2	47.1	48.0	48.7	50.9	50.9	52.3	52.3	52.5	52.5
17.8	34.2	36.6	37.8	40.5	41.6	44.6	47.5	48.4	49.1	51.3	51.3	52.6	52.6	52.9	52.9
18.2	34.6	37.0	38.2	40.9	42.0	45.0	48.1	49.0	49.7	51.9	51.9	53.3	53.3	53.5	53.5
18.2	34.6	37.0	38.3	41.2	42.4	45.6	48.7	49.6	50.4	52.6	52.6	54.0	54.0	54.3	54.3
18.4	35.2	37.6	39.0	41.9	43.0	46.6	49.7	50.6	51.4	53.6	53.6	55.0	55.3	55.3	55.3
18.7	35.8	38.2	39.6	42.6	43.7	47.4	50.9	51.8	52.5	54.8	54.8	56.1	56.1	56.4	56.4
19.0	36.3	38.7	40.1	43.2	44.4	48.0	51.5	52.4	53.1	55.4	55.4	56.8	56.8	57.0	57.0
19.5	37.3	39.7	41.1	44.9	46.0	49.6	53.1	54.0	54.8	57.0	57.0	58.5	58.5	59.1	59.1
19.9	38.1	40.7	42.1	46.0	47.1	50.6	54.3	55.1	55.9	58.1	58.1	59.6	59.6	60.3	60.3
20.2	38.7	41.4	42.7	46.6	47.7	51.4	55.3	56.1	56.9	59.1	59.1	60.7	60.7	61.3	61.3
20.3	39.3	42.0	43.4	47.4	48.5	52.1	56.0	56.9	57.8	60.0	60.0	61.5	61.5	62.2	62.2
20.3	39.3	42.0	43.4	47.4	48.5	52.1	56.0	56.9	58.0	60.3	60.3	61.8	61.8	62.4	62.4
20.9	40.5	43.2	44.6	48.6	49.7	53.4	57.5	58.6	59.8	62.0	62.0	63.5	63.5	64.2	64.2
21.1	41.5	44.9	46.4	50.5	51.6	55.3	59.9	61.0	62.3	64.5	64.5	66.2	66.2	66.8	66.8
21.1	42.7	46.2	47.9	52.4	53.5	57.3	62.2	63.4	64.8	67.0	67.0	68.7	68.7	69.3	69.3
21.7	43.6	47.2	49.0	53.9	55.0	58.8	63.7	65.0	66.4	68.7	68.7	70.6	70.6	71.2	71.2
21.8	44.2	47.9	49.6	54.6	55.8	60.0	65.3	66.7	68.0	70.3	70.3	72.2	72.2	72.8	72.8
22.2	45.0	48.9	50.6	55.8	56.9	61.3	66.5	67.9	69.4	71.8	71.8	73.7	73.7	74.3	74.3
22.4	46.7	50.9	52.9	58.3	59.4	63.9	69.2	70.7	72.2	75.3	75.3	77.4	77.4	78.2	78.2
22.4	47.0	51.6	53.6	59.0	60.2	64.7	70.6	72.7	74.2	77.9	77.9	80.2	80.2	81.0	81.0
22.8	47.6	52.3	54.3	59.9	61.0	65.5	71.9	74.2	76.3	80.3	80.3	82.7	82.7	83.5	83.5
22.8	47.9	52.5	54.5	60.2	61.3	65.9	72.8	75.3	77.4	81.5	81.5	83.6	83.8	84.6	84.6
22.8	48.4	53.1	55.4	61.5	62.7	67.8	75.2	77.8	79.9	84.5	84.5	87.1	87.1	87.8	87.8
22.8	48.4	53.4	55.6	62.5	64.0	69.5	76.9	79.6	81.8	86.8	86.8	89.7	89.8	90.6	91.0
22.8	48.7	53.9	56.1	63.4	65.0	70.7	78.1	81.0	83.3	88.6	88.6	91.9	92.0	93.1	93.6
22.8	48.7	53.9	56.1	63.4	65.0	71.1	78.6	81.5	84.0	89.2	89.2	92.7	92.9	94.0	94.5
22.8	48.7	53.9	56.1	63.4	65.0	71.1	78.6	81.8	84.5	89.8	89.8	93.5	93.6	94.7	95.2
22.8	46.9	54.0	56.6	64.2	65.8	71.8	79.4	82.8	85.7	91.1	91.1	94.9	95.0	96.4	97.2
22.8	48.9	54.0	56.6	64.2	65.8	71.8	79.8	83.3	86.2	91.6	91.6	95.7	95.9	97.4	98.5
22.8	48.9	54.0	56.6	64.2	65.8	71.8	79.8	83.3	86.5	91.9	91.9	96.9	97.0	98.9	100.0
22.8	46.9	54.0	56.6	64.2	65.8	71.8	79.8	83.3	86.5	91.9	91.9	96.9	97.0	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 117[illegible] TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM MODIFIED CONTINUOUS

0300-0600

22.1	31.5	33.8	34.6	38.0	38.7	39.7	43.1	43.7	44.4	45.9	45.9	47.0	47.4	48.5	48.8
22.2	31.6	34.1	34.6	38.6	39.3	40.5	43.9	44.5	45.1	46.6	46.6	47.7	48.1	49.2	49.4
22.2	31.8	34.5	35.2	39.1	39.8	41.0	44.4	45.0	45.6	47.1	47.1	48.2	48.6	49.7	49.9
22.2	31.8	34.5	35.2	39.1	40.0	41.1	44.5	45.1	45.7	47.2	47.2	48.4	48.7	49.9	50.0
22.4	32.1	34.7	35.5	39.3	40.2	41.7	45.1	45.7	46.4	48.0	48.0	49.1	49.5	50.6	50.8
22.6	32.3	35.1	35.8	40.0	40.9	42.5	45.9	46.5	47.1	48.7	48.7	49.9	50.3	51.4	51.5
23.2	33.2	36.1	36.8	41.1	42.0	43.9	47.4	48.0	48.6	50.3	50.3	51.4	51.8	52.9	53.0
23.2	33.2	36.1	36.8	41.1	42.0	43.9	47.4	48.0	48.6	50.3	50.3	51.4	51.8	52.9	53.0
23.8	34.0	37.1	38.0	42.9	43.7	45.6	49.1	49.7	50.4	52.1	52.1	53.3	53.6	54.9	55.0
24.9	35.8	39.2	40.1	45.0	45.9	48.2	52.0	52.6	53.5	55.4	55.4	56.8	57.1	58.4	58.5
25.4	36.7	40.2	41.1	46.1	47.0	49.4	53.3	53.9	54.8	56.9	56.9	58.3	58.6	59.9	60.0
25.4	36.7	40.2	41.1	46.2	47.1	49.6	53.6	54.3	55.3	57.4	57.4	58.8	59.1	60.4	60.5
25.6	36.8	40.4	41.2	46.4	47.2	49.7	53.8	54.4	55.4	57.5	57.5	58.9	59.3	60.5	60.7
26.7	38.5	42.7	42.9	48.1	49.1	51.9	56.0	56.6	58.1	60.5	60.5	61.9	62.3	63.5	63.7
27.7	40.0	44.0	44.9	50.3	51.3	54.3	58.5	59.3	60.8	63.2	63.2	64.5	64.9	66.2	66.3
28.2	41.5	45.6	46.6	52.5	53.5	56.6	61.0	61.8	63.7	66.2	66.2	67.5	67.9	69.2	69.3
28.3	42.4	46.6	47.6	53.8	54.8	57.9	62.4	63.4	65.3	67.8	67.8	69.2	69.5	70.8	70.9
28.7	42.9	47.4	48.5	54.9	56.0	59.1	64.0	65.0	67.0	69.7	69.7	71.1	71.4	72.7	72.8
29.1	43.4	47.9	49.0	55.4	56.5	59.8	64.9	65.9	67.9	70.7	70.7	72.1	72.4	73.7	73.8
29.1	43.9	48.6	49.7	56.4	57.5	60.8	65.9	67.3	69.3	72.3	72.3	73.9	74.3	75.6	75.7
29.2	44.2	49.1	50.3	56.9	58.0	61.8	67.0	68.7	71.1	74.1	74.1	75.8	76.2	77.4	77.6
29.8	44.9	49.9	51.0	58.3	59.4	63.4	69.5	71.4	74.4	77.7	77.7	79.4	79.8	81.1	81.6
29.8	45.0	50.0	51.1	58.9	60.0	64.0	70.4	72.3	75.3	78.7	78.7	80.6	81.0	82.2	82.7
29.8	45.0	50.1	51.4	59.3	60.7	65.0	72.2	74.2	77.8	81.3	81.3	83.2	83.6	84.8	85.3
29.9	45.2	50.6	52.1	60.2	61.8	66.7	74.4	76.6	80.5	84.3	84.3	86.2	86.6	88.2	89.1
29.9	45.4	50.9	52.5	61.0	62.8	67.8	75.0	77.9	82.0	85.8	85.8	88.2	88.6	90.7	91.6
30.1	45.5	51.0	52.6	61.2	63.0	68.0	76.6	78.7	82.7	86.7	86.7	89.3	89.7	92.0	93.0
30.1	45.5	51.0	52.6	61.2	63.2	68.3	77.3	79.6	83.7	87.8	87.8	90.7	91.1	93.4	94.4
30.1	45.5	51.0	52.6	61.4	63.4	68.5	77.7	80.5	84.6	89.0	89.1	92.4	92.7	95.1	96.4
30.1	45.5	51.0	52.6	61.4	63.4	68.5	78.1	81.1	85.3	90.0	90.1	93.9	94.7	97.2	98.9
30.1	45.6	51.1	52.8	61.5	63.5	68.7	78.2	81.2	85.5	90.1	90.2	94.4	95.4	98.1	99.9
30.1	45.6	51.1	52.8	61.5	63.5	68.7	78.2	81.2	85.5	90.1	90.2	94.4	95.4	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATION

0600-0870

25.2	29.6	32.0	32.6	35.2	35.8	37.5	39.8	40.5	41.4	42.7	42.7	43.5	44.1	45.1	45.2
25.6	29.9	32.3	33.0	36.1	36.8	38.5	40.9	41.5	42.4	43.7	43.7	44.5	45.1	46.1	46.2
26.2	30.6	33.0	33.7	36.8	37.6	39.2	41.6	42.2	43.1	44.5	44.5	45.5	46.1	47.1	47.4
26.2	30.6	33.0	33.7	37.2	38.0	39.6	42.1	42.7	43.6	45.0	45.0	46.0	46.6	47.6	47.9
26.2	30.6	33.0	33.7	37.2	38.0	39.6	42.1	42.7	43.6	45.0	45.0	46.0	46.6	47.6	47.9
26.6	31.1	33.5	34.2	37.7	38.5	40.1	42.6	43.2	44.1	45.5	45.5	46.5	47.1	48.1	48.4
27.2	31.8	34.2	35.0	38.5	39.2	41.0	43.5	44.1	45.0	46.4	46.4	47.4	48.0	49.0	49.2
27.6	32.2	34.6	35.3	38.8	39.6	41.4	43.9	44.5	45.4	46.7	46.7	47.7	48.4	49.4	49.6
28.3	33.1	35.7	36.5	40.1	40.9	42.6	45.2	45.9	46.7	48.1	48.1	49.1	49.7	50.8	51.7
31.3	36.8	39.6	40.5	44.4	45.5	47.9	50.8	51.4	52.3	53.6	53.6	54.9	55.5	56.5	56.8
32.3	38.0	40.7	41.6	45.6	46.7	49.5	52.6	53.3	54.1	55.6	55.6	57.1	57.8	58.8	59.0
32.5	38.1	41.1	42.0	46.0	47.2	50.1	53.5	54.1	55.0	56.6	56.6	58.1	58.8	59.8	60.0
32.5	38.1	41.1	42.0	46.0	47.2	50.1	53.5	54.3	55.1	56.8	56.8	58.3	58.9	59.9	60.2
33.2	39.2	42.5	43.4	47.4	48.6	51.5	56.4	57.3	58.1	59.6	59.8	61.3	61.9	62.9	63.2
34.6	40.9	44.1	45.0	49.1	50.4	53.8	58.9	59.9	61.0	62.7	62.7	64.2	64.8	65.8	66.0
34.7	41.5	44.7	45.6	50.1	51.4	54.8	60.2	61.3	62.4	64.0	64.0	65.5	66.2	67.2	67.7
35.2	42.4	45.6	46.5	51.0	52.3	55.6	61.3	62.4	63.5	65.2	65.2	66.7	67.3	68.4	68.9
36.0	43.6	46.9	47.7	52.5	53.9	57.3	63.4	64.8	65.9	67.5	67.5	69.3	69.9	71.1	71.6
36.0	43.6	46.9	47.7	52.5	53.9	57.3	63.5	65.0	66.2	67.8	67.8	69.5	70.2	71.3	71.8
36.1	44.0	47.4	48.2	53.1	54.5	58.0	64.4	65.9	67.5	69.3	69.5	71.3	71.9	73.1	73.8
36.3	44.2	48.0	48.9	53.8	55.1	58.8	65.2	66.7	68.5	70.8	71.2	73.1	73.7	74.8	75.7
36.8	44.7	48.6	49.6	54.8	56.4	60.3	66.8	68.5	70.7	73.2	73.6	75.9	76.6	77.7	78.7
37.0	45.1	49.0	50.0	55.4	57.1	61.0	67.9	69.7	71.8	74.3	74.7	77.2	77.8	79.1	80.1
37.0	45.4	49.4	50.4	56.4	58.1	62.3	70.7	72.4	74.7	77.2	77.6	80.3	81.0	82.6	84.3
37.2	45.7	49.9	50.9	57.0	59.1	63.5	72.4	74.3	77.1	79.9	80.3	83.5	84.5	86.3	88.3
37.2	45.9	50.3	51.3	57.5	60.0	64.5	73.8	75.8	78.7	81.6	82.0	85.2	86.2	88.2	90.5
37.2	45.9	50.5	51.6	57.9	60.4	64.9	74.9	77.1	79.9	82.8	83.2	86.6	87.6	89.7	92.0
37.2	45.9	50.5	51.6	58.0	60.7	65.3	75.7	77.8	80.7	83.7	84.1	87.8	88.8	91.0	93.2
37.2	45.9	50.5	51.6	58.1	60.9	65.8	76.4	78.8	82.0	85.7	86.2	90.1	91.2	93.7	96.0
37.2	45.9	50.5	51.6	58.1	60.9	65.8	76.6	78.9	82.1	86.2	86.7	91.2	92.6	95.5	98.1
37.2	45.9	50.5	51.6	58.1	60.9	65.8	76.6	78.9	82.1	86.2	86.7	91.5	93.0	96.4	99.7
37.2	45.9	50.5	51.6	58.1	60.9	65.8	76.6	78.9	82.1	86.2	86.7	91.5	93.0	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7117 TIN CITY AFS AK 73-81 APR

PER THOUSAND FREQUENCY OF OCCURRENCE 0900-1100
FROM HOURLY OBSERVATIONS

27.9	33.6	35.8	36.9	39.3	41.2	43.5	45.4	47.1	47.7	48.4	48.6	49.8	50.3	51.3	51.3
27.9	33.9	36.0	37.1	39.5	41.4	43.9	46.0	47.7	48.3	49.1	49.2	50.6	51.1	52.2	52.2
29.6	35.8	37.9	39.1	41.5	43.7	46.4	49.1	50.7	51.3	52.1	52.2	53.7	54.3	55.5	55.5
29.7	35.9	38.0	39.3	41.9	44.0	46.8	49.4	51.1	51.8	52.6	52.7	54.3	55.0	56.1	56.1
30.4	36.5	38.8	40.0	42.7	44.8	47.6	50.2	51.8	52.6	53.3	53.5	55.1	55.7	56.8	56.8
31.2	37.4	39.8	41.0	43.7	45.6	48.6	51.2	52.8	53.6	54.3	54.5	56.2	56.8	58.0	58.0
31.6	37.8	40.2	41.4	44.3	46.4	49.2	51.8	53.5	54.2	55.0	55.1	57.0	57.6	58.8	58.8
31.9	38.0	40.4	41.7	44.5	46.8	49.6	52.2	53.8	54.6	55.3	55.5	57.3	58.0	59.2	59.2
33.2	39.4	41.8	43.0	46.3	48.7	51.7	54.3	56.0	56.7	57.6	57.8	60.0	60.6	62.0	62.0
35.1	41.4	43.9	45.3	48.7	51.1	54.1	57.0	58.6	59.5	60.4	60.6	62.9	63.5	64.9	65.0
36.0	42.3	44.8	46.2	49.6	51.9	55.3	58.6	60.2	61.2	62.1	62.4	64.6	65.2	66.6	66.8
36.0	42.4	44.9	46.3	49.7	52.1	55.5	58.8	60.5	61.6	62.5	62.7	65.0	65.6	67.0	67.1
36.0	42.4	44.9	46.3	49.7	52.1	55.5	58.8	60.5	61.6	62.5	62.7	65.0	65.6	67.0	67.1
36.4	42.8	45.4	46.8	50.3	52.7	56.1	60.4	62.1	63.4	64.2	64.5	66.9	67.5	68.9	69.0
37.1	43.7	46.3	47.8	51.4	53.8	57.2	61.6	63.4	64.6	65.5	65.7	68.1	68.8	70.1	70.5
37.8	44.4	47.1	48.6	52.2	54.6	58.0	62.9	64.6	66.2	67.3	67.5	69.9	70.5	72.0	72.4
38.1	45.4	48.2	49.8	53.5	55.8	59.5	64.5	66.2	68.0	69.0	69.3	71.6	72.3	73.8	74.2
38.6	46.2	48.9	50.7	54.3	57.0	60.7	66.5	68.5	70.4	71.4	71.6	74.7	75.3	76.8	77.2
38.8	46.4	49.2	50.9	54.6	57.2	61.0	66.8	68.8	70.8	72.1	72.4	75.4	76.0	77.5	77.9
38.8	46.5	49.6	51.6	55.3	58.0	61.7	67.8	69.9	72.0	73.5	73.8	77.3	77.9	79.7	80.2
38.8	46.9	49.9	51.9	55.7	58.5	62.2	68.4	70.5	72.8	74.4	74.7	78.2	78.8	80.7	81.2
39.3	47.8	50.8	53.1	57.3	60.2	64.1	70.6	72.8	75.4	77.2	77.4	81.2	81.8	83.7	84.2
39.3	48.1	51.2	53.5	57.7	60.9	64.7	71.4	73.7	76.4	78.5	78.8	82.8	83.4	85.3	85.8
39.4	48.3	51.6	53.8	58.2	61.4	65.4	72.8	75.5	78.3	80.4	80.7	84.8	85.4	87.7	88.7
39.8	48.8	52.1	54.5	58.8	62.1	66.4	74.0	76.9	79.9	82.6	82.8	87.1	87.7	90.0	91.1
39.9	49.7	52.9	55.3	60.1	63.4	68.0	76.2	79.0	82.3	85.1	85.3	89.6	90.2	92.5	93.6
39.9	49.7	52.9	55.5	60.2	63.5	68.5	76.8	79.7	83.4	86.2	86.4	90.7	91.3	93.9	95.0
39.9	49.7	52.9	55.6	60.4	63.6	68.9	77.2	80.2	83.9	87.0	87.2	91.5	92.1	94.6	95.7
39.9	49.7	52.9	55.6	60.6	64.0	69.4	77.7	80.7	84.6	88.3	88.6	93.5	94.2	97.1	98.4
39.9	49.7	52.9	55.8	60.6	64.0	69.4	77.7	80.8	84.8	88.7	89.0	94.0	94.7	98.0	99.4
39.9	49.7	52.9	55.8	60.6	64.0	69.4	77.7	80.8	84.8	88.7	89.0	94.0	94.7	98.1	99.7
39.9	49.7	52.9	55.8	60.6	64.0	69.4	77.7	80.8	84.8	88.7	89.0	94.0	94.7	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 3177 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1200-1400

31.9	37.8	39.1	39.4	41.7	42.6	43.6	47.3	48.5	49.4	50.5	50.5	50.6	51.3	52.3	52.3
32.2	38.0	39.4	39.6	41.9	42.9	43.9	47.9	49.0	49.9	51.0	51.0	51.1	51.6	52.8	52.8
34.0	39.8	41.3	41.5	44.3	45.8	47.2	51.6	52.8	53.7	54.8	54.8	55.1	55.7	56.8	56.8
34.2	40.2	41.7	41.9	44.7	46.2	47.6	52.0	53.2	54.0	55.2	55.2	55.4	56.1	57.2	57.2
34.7	40.7	42.3	42.6	45.3	46.8	48.2	52.7	53.8	54.7	55.8	55.8	56.1	56.7	57.8	57.8
35.4	41.4	43.1	43.3	46.2	47.7	49.1	53.5	54.7	55.6	56.7	56.7	56.9	57.6	58.7	58.7
35.9	41.9	43.6	43.8	46.8	48.4	49.7	54.4	55.6	56.4	57.7	57.7	58.0	58.6	60.0	60.1
36.2	42.4	44.1	44.3	47.3	48.9	50.3	54.9	56.1	56.9	58.2	58.2	58.5	59.1	60.5	60.7
37.0	43.3	44.9	45.2	48.4	50.0	51.8	56.4	57.7	58.6	59.8	59.8	60.1	60.7	62.1	62.5
38.9	45.7	47.5	47.7	51.3	53.2	55.4	60.1	61.4	62.2	63.8	63.8	64.4	65.0	66.5	66.9
39.1	46.0	47.7	48.0	51.5	53.4	55.9	60.7	62.0	62.9	64.4	64.4	65.4	66.0	67.6	67.9
39.1	46.0	47.7	48.0	51.5	53.5	56.1	61.2	62.5	63.8	65.3	65.3	66.3	66.9	68.4	68.8
39.1	46.0	47.7	48.0	51.5	53.7	56.2	61.4	62.6	63.9	65.4	65.4	66.4	67.0	68.6	68.9
39.4	46.2	48.0	48.4	51.9	54.0	56.7	62.4	63.9	65.3	66.8	66.8	67.8	68.4	69.9	70.3
39.8	46.7	48.6	49.0	52.5	54.7	57.3	63.0	64.5	65.9	67.6	67.6	68.6	69.2	70.8	71.3
40.3	47.6	50.0	50.4	53.9	56.1	58.7	65.0	66.5	68.2	69.8	69.8	70.8	71.5	73.1	73.6
40.9	48.9	51.3	51.6	55.3	57.4	60.5	66.9	68.4	70.1	71.8	71.8	73.1	73.7	75.4	75.9
41.4	49.6	52.1	52.7	56.4	58.7	62.1	69.4	71.1	73.0	74.9	74.9	76.1	76.8	78.4	78.9
41.8	50.1	52.7	53.2	57.1	59.3	62.8	70.1	71.7	73.9	75.8	75.8	77.1	77.8	79.5	80.1
41.9	50.5	53.3	53.9	58.0	60.2	63.6	71.0	72.7	75.0	77.1	77.1	78.7	79.4	81.2	81.7
41.9	50.6	53.8	54.5	58.8	61.1	64.5	71.8	73.7	76.1	78.8	78.8	80.4	81.2	83.0	83.5
42.3	51.5	54.5	55.3	59.7	62.0	65.8	73.4	75.4	77.9	80.7	80.7	82.4	83.3	85.2	85.9
42.6	52.1	55.2	55.9	60.4	62.8	66.5	74.1	76.1	78.7	81.9	81.9	83.8	84.7	86.6	87.2
42.7	52.7	55.7	56.6	61.0	63.5	67.6	75.3	77.7	80.2	83.7	83.7	85.9	86.7	88.9	89.8
43.2	53.8	56.8	57.8	62.4	65.2	69.2	77.4	79.8	82.3	85.9	85.9	88.0	88.9	91.2	92.7
43.2	54.2	57.2	58.3	62.9	65.7	69.7	77.9	80.8	83.3	87.0	87.0	89.1	90.0	92.3	93.8
43.2	54.4	57.6	58.8	63.4	66.3	70.7	78.9	81.8	84.8	88.8	88.8	91.0	91.9	94.2	95.7
43.3	54.5	57.7	59.0	63.5	66.4	71.0	79.2	82.1	85.5	89.6	89.6	92.2	93.1	95.3	96.8
43.4	54.8	58.0	59.3	64.1	67.2	71.8	80.1	83.0	86.5	91.0	91.0	93.7	94.6	96.8	98.7
43.4	54.8	58.0	59.3	64.3	67.3	72.0	80.2	83.2	86.9	91.4	91.4	94.2	95.1	97.3	99.4
43.4	54.8	58.0	59.3	64.3	67.3	72.0	80.2	83.2	87.0	91.5	91.5	94.3	95.2	97.6	99.6
43.4	54.8	58.0	59.3	64.3	67.3	72.0	80.2	83.2	87.0	91.5	91.5	94.3	95.2	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

33.9	38.4	39.7	40.3	42.8	44.3	45.2	47.7	48.1	48.7	50.1	50.1	50.5	50.5	51.3	51.9
34.2	38.7	40.0	40.6	43.1	44.6	45.5	48.0	48.4	49.0	50.4	50.4	50.8	50.8	51.6	52.1
35.7	40.1	41.5	42.1	44.6	46.2	47.4	49.9	50.4	51.0	52.3	52.3	52.7	52.7	53.5	54.1
36.0	40.4	41.8	42.4	44.9	46.5	47.7	50.2	50.7	51.6	53.0	53.0	53.5	53.5	54.2	54.8
36.6	41.0	42.4	43.0	45.5	47.1	48.4	51.0	51.4	52.3	53.8	53.8	54.2	54.2	55.0	55.6
36.9	41.3	42.7	43.4	45.9	47.6	48.9	51.4	51.9	52.7	54.2	54.2	54.7	54.7	55.4	56.0
37.2	41.6	43.0	43.7	46.2	47.9	49.2	51.7	52.1	53.3	54.8	54.8	55.3	55.3	56.0	56.6
37.2	41.6	43.0	43.7	46.2	47.9	49.2	51.9	52.3	53.5	55.0	55.0	55.4	55.4	56.1	56.7
38.2	42.8	44.3	45.2	47.7	49.3	50.7	53.6	54.1	55.3	56.7	56.7	57.3	57.3	58.2	59.3
40.9	46.1	47.6	48.4	51.0	52.6	53.9	57.0	57.5	59.0	60.4	60.4	61.2	61.2	62.1	63.1
41.2	46.4	47.9	48.7	51.3	52.9	54.2	57.3	57.8	59.4	60.9	60.9	61.9	61.9	62.8	63.9
41.5	46.7	48.3	49.2	51.7	53.3	54.7	58.2	58.7	60.3	61.9	61.9	63.0	63.1	64.0	65.0
41.5	46.7	48.3	49.2	51.7	53.3	54.8	58.4	58.8	60.4	62.1	62.1	63.1	63.3	64.1	65.2
42.2	47.6	49.3	50.2	52.9	54.5	56.1	60.0	60.6	62.4	64.0	64.0	65.0	65.2	66.5	67.7
42.5	48.1	49.9	50.8	53.5	55.1	56.9	60.7	61.3	63.3	65.0	65.0	66.4	66.5	67.9	69.2
43.3	49.6	51.9	52.9	55.7	57.3	59.1	63.4	64.0	66.1	67.9	67.9	69.2	69.3	70.7	72.0
44.3	51.6	53.9	55.0	57.8	59.6	61.8	66.1	66.7	68.9	70.7	70.7	72.0	72.1	73.5	74.8
44.9	52.9	55.4	56.7	59.7	61.8	64.6	69.6	70.2	72.4	74.7	74.7	76.4	76.6	78.1	79.4
44.9	53.0	55.6	57.0	60.1	62.2	65.0	70.1	70.7	72.9	75.1	75.1	76.9	77.0	78.5	79.9
44.9	53.0	55.7	57.3	60.4	62.5	65.3	71.0	71.7	74.1	76.3	76.3	78.1	78.2	79.7	81.0
44.9	53.2	56.0	58.1	61.2	63.3	65.2	72.1	72.9	75.4	77.8	77.8	79.6	79.7	81.2	82.5
45.6	54.7	57.5	59.6	62.7	64.7	68.1	74.1	75.1	77.9	80.6	80.6	82.5	82.7	84.1	85.5
45.9	55.1	57.9	60.0	63.3	65.8	69.3	75.3	76.3	79.1	81.8	81.8	83.7	83.9	85.3	86.7
46.1	55.6	58.7	60.7	64.0	66.5	70.1	76.4	77.5	80.3	83.3	83.3	85.2	85.3	87.4	89.2
46.2	56.0	59.1	61.2	64.6	67.1	70.7	77.2	78.5	81.3	84.3	84.3	86.2	86.4	88.4	90.4
46.5	56.3	59.6	61.6	65.0	68.1	71.7	78.4	79.7	82.5	85.5	85.5	87.4	87.6	89.9	91.9
46.5	56.6	59.9	61.9	65.6	68.9	73.0	80.3	81.9	84.9	87.9	87.9	90.1	90.2	92.6	94.5
46.5	56.6	59.9	61.9	65.6	68.9	73.0	80.4	82.4	85.3	88.6	88.6	90.8	91.0	93.5	95.4
46.7	56.9	60.1	62.5	66.2	69.5	73.8	81.5	83.4	86.4	90.2	90.2	92.6	92.7	95.3	97.2
46.7	56.9	60.1	62.8	67.0	70.2	74.5	82.4	84.4	87.7	91.6	91.6	94.1	94.2	96.9	98.8
46.7	56.9	60.1	62.8	67.0	70.2	74.5	82.4	84.4	87.7	91.6	91.6	94.4	94.5	97.8	99.9
46.7	56.9	60.1	62.8	67.0	70.2	74.5	82.4	84.4	87.7	91.6	91.6	94.4	94.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7-1170 TIN CITY AFS AK 73-76,78-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

29.6	32.9	34.2	34.7	36.6	37.1	38.1	39.5	40.3	40.8	41.2	41.2	41.5	41.5	42.1	42.6
30.1	33.6	34.9	35.5	37.3	37.9	38.8	40.3	41.0	41.5	42.1	42.1	42.5	42.5	43.2	43.9
31.3	34.9	36.2	36.8	38.6	39.2	40.1	41.5	42.3	42.8	43.4	43.4	43.8	43.8	44.5	45.2
31.6	35.5	36.8	37.3	39.2	39.7	40.6	42.1	42.8	43.4	43.9	43.9	44.3	44.3	45.0	45.8
32.3	35.8	37.1	37.7	39.5	40.1	41.0	42.5	43.2	43.8	44.3	44.3	44.7	44.7	45.4	46.1
32.3	35.8	37.1	37.7	39.5	40.1	41.0	42.5	43.2	43.8	44.3	44.3	44.7	44.7	45.4	46.1
32.3	35.8	37.1	37.7	39.5	40.1	41.0	42.5	43.2	43.9	44.5	44.5	45.2	45.2	46.0	46.7
32.5	36.4	37.7	38.2	40.1	40.6	41.5	43.0	43.8	44.5	45.0	45.0	45.8	45.8	46.5	47.2
33.8	37.9	39.2	39.7	41.5	42.1	43.0	44.5	45.2	46.0	46.5	46.5	47.2	47.2	48.0	48.9
35.3	39.7	41.5	42.3	44.5	45.0	46.0	47.4	48.2	48.9	49.6	49.6	50.4	50.4	51.1	52.0
35.7	40.1	42.1	42.8	45.0	45.6	47.4	48.9	49.6	50.6	51.3	51.3	52.0	52.0	52.8	53.7
35.7	40.3	42.3	43.2	45.6	46.1	48.0	49.4	50.2	51.1	51.8	51.8	52.8	52.8	53.5	54.4
35.7	40.3	42.3	43.2	45.6	46.1	48.0	49.4	50.2	51.1	51.8	51.8	52.8	52.8	53.5	54.4
36.6	41.4	43.4	44.3	46.7	47.2	49.1	50.6	51.3	52.2	52.9	52.9	54.4	54.4	55.9	56.8
37.7	42.8	44.9	45.8	48.2	48.7	51.1	52.6	53.3	55.0	55.7	55.7	57.4	57.4	58.8	59.7
38.1	44.3	46.7	47.6	50.0	51.3	53.7	55.1	55.9	57.7	58.5	58.5	60.3	60.3	61.8	62.7
39.2	45.6	48.0	48.9	51.3	52.6	55.0	56.4	57.2	59.0	59.7	59.7	61.6	61.6	63.1	64.0
41.2	49.6	52.2	53.5	56.1	57.4	60.7	62.9	63.6	65.6	66.5	66.5	68.6	68.6	70.2	71.1
41.4	50.0	52.6	53.9	56.4	57.9	61.4	63.8	64.5	66.5	67.8	67.8	70.0	70.0	71.7	72.6
42.1	50.9	53.5	54.8	57.5	59.4	63.2	66.2	66.9	68.9	70.4	70.4	72.8	72.8	74.4	75.4
42.8	51.7	54.8	56.1	59.0	60.8	64.9	68.0	68.8	70.8	72.4	72.4	74.8	74.8	76.7	77.6
43.4	52.2	55.5	57.0	59.9	61.9	66.5	69.9	70.6	72.6	74.4	74.4	76.8	76.8	79.4	80.9
43.6	52.6	55.9	57.4	60.3	62.3	66.9	70.2	71.0	73.0	74.8	74.8	77.4	77.4	80.0	81.4
43.9	53.1	56.6	58.1	61.4	63.4	68.0	71.9	72.6	74.6	76.5	76.5	80.0	80.0	82.5	84.2
44.3	53.9	57.4	58.8	62.1	64.2	68.8	73.0	73.7	75.7	77.8	77.8	81.4	81.4	84.0	85.7
44.5	54.2	58.1	59.6	63.1	65.4	70.4	75.4	76.1	78.5	80.9	80.9	84.9	84.9	88.6	90.3
44.5	54.2	58.3	59.7	63.8	66.2	71.3	76.8	77.8	80.5	82.9	82.9	86.9	86.9	90.6	92.3
44.5	54.6	58.6	60.1	64.2	66.5	71.7	77.2	78.5	81.3	84.0	84.0	88.1	88.1	91.7	93.4
44.5	54.8	59.2	61.4	65.4	67.8	73.2	78.9	80.1	82.9	85.7	85.7	89.9	89.9	93.6	95.4
44.5	54.8	59.2	61.4	65.4	67.8	73.2	79.2	80.5	83.5	86.6	86.6	91.2	91.2	95.0	97.6
44.5	54.8	59.2	61.4	65.4	68.0	73.3	79.4	80.7	84.6	87.9	87.9	92.5	92.5	96.9	100.0
44.5	54.8	59.2	61.4	65.4	68.0	73.3	79.4	80.7	84.6	87.9	87.9	92.5	92.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 584

USAFETAC [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE 2100-2300
FROM HOURLY OBSERVATIONS

20.0	31.7	33.9	34.4	36.0	36.8	38.5	41.4	43.1	43.6	45.6	45.8	46.6	46.6	46.8	46.9
20.5	32.2	34.4	34.6	36.5	37.4	39.0	42.3	44.0	44.4	46.5	46.6	47.5	47.5	47.7	47.8
21.2	33.3	35.5	36.0	37.7	38.6	40.2	43.4	45.2	45.6	47.7	47.8	48.7	48.7	48.8	49.0
21.3	33.5	35.7	36.1	37.9	38.7	40.4	43.6	45.3	45.8	47.8	48.0	48.8	48.8	49.7	49.1
21.3	33.6	35.8	36.3	38.0	38.9	40.5	43.7	45.5	45.9	48.0	48.1	49.0	49.0	49.1	49.3
21.3	33.6	35.8	36.3	38.0	38.9	40.8	44.0	45.8	46.2	48.2	48.4	49.3	49.3	49.4	49.6
21.3	33.6	35.8	36.3	38.0	38.9	40.8	44.2	45.9	46.3	48.4	48.5	49.4	49.4	49.6	49.7
21.3	33.6	35.8	36.3	38.0	38.9	40.8	44.2	45.9	46.3	48.4	48.5	49.4	49.4	49.9	50.0
21.9	34.4	36.5	37.0	39.0	39.9	41.8	45.2	46.9	47.4	49.4	49.6	50.6	50.6	51.0	51.6
23.0	35.5	37.9	38.3	40.4	41.2	43.1	46.5	48.2	48.7	50.7	50.9	51.9	51.9	52.3	52.9
23.1	36.1	38.7	39.5	41.7	42.5	44.7	48.4	50.1	50.6	52.6	52.8	53.8	53.8	54.2	54.8
23.1	36.3	38.9	39.8	42.1	43.0	45.5	49.1	50.9	51.3	53.4	53.5	54.5	54.5	55.0	55.6
23.1	36.3	39.0	39.9	42.3	43.1	45.6	49.3	51.0	51.5	53.5	53.7	54.7	54.7	55.1	55.7
24.3	38.5	41.4	42.4	44.9	45.8	48.2	51.9	53.7	54.1	56.3	56.6	57.7	57.7	58.2	58.8
24.9	39.6	42.5	43.7	46.5	47.4	50.0	54.2	56.0	56.4	59.4	59.6	60.8	60.8	61.3	61.8
24.9	41.4	44.6	45.8	48.7	49.9	52.9	57.5	59.2	59.6	62.6	62.9	64.0	64.0	64.5	65.1
25.4	42.3	45.5	46.8	49.7	51.0	54.5	59.4	61.1	61.5	64.6	64.9	66.1	66.1	66.5	67.1
26.2	44.9	48.4	50.0	53.1	54.4	58.3	63.6	65.4	65.8	69.2	69.4	70.6	70.6	71.1	71.6
26.5	45.5	49.1	50.7	53.9	55.3	59.2	64.5	66.2	66.7	70.3	70.6	71.9	71.9	72.4	73.0
26.5	46.1	49.9	51.6	54.8	56.3	60.8	66.4	68.6	69.2	73.2	73.5	75.4	75.4	75.9	76.5
26.6	47.5	51.3	53.4	56.7	58.2	62.9	68.7	71.3	71.9	76.0	76.3	78.5	78.5	79.1	79.7
26.8	48.0	51.9	53.9	57.3	58.8	63.9	70.2	72.8	73.5	77.6	77.9	80.1	80.1	81.0	81.7
26.9	48.1	52.0	54.1	57.5	58.9	64.3	70.9	73.5	74.3	78.8	79.1	81.3	81.3	82.2	82.9
26.9	48.2	52.3	54.4	58.6	60.4	66.1	73.7	76.3	77.0	81.7	82.0	84.4	84.4	85.2	86.0
27.2	49.0	53.1	55.1	59.6	61.4	67.1	74.9	77.5	78.2	83.2	83.5	85.8	85.8	86.7	87.9
27.2	49.7	53.9	56.4	61.1	63.0	69.0	77.3	80.0	80.8	86.1	86.4	89.0	89.0	90.5	91.7
27.2	49.9	54.1	56.7	61.4	63.3	69.7	78.5	81.1	82.0	87.3	87.6	90.5	90.5	92.0	93.1
27.2	49.9	54.1	56.7	61.4	63.6	70.0	78.8	81.4	82.6	87.9	88.2	91.1	91.1	92.5	93.7
27.2	50.0	54.2	57.0	62.1	64.3	70.8	79.7	82.5	83.9	89.5	89.8	92.8	92.8	94.4	96.1
27.2	50.0	54.2	57.0	62.1	64.3	70.8	80.0	82.7	84.2	89.9	90.2	93.7	93.7	95.6	97.7
27.2	50.0	54.2	57.0	62.1	64.3	70.8	80.0	82.7	84.8	90.6	90.9	95.5	95.5	97.8	100.0
27.2	50.0	54.2	57.0	62.1	64.3	70.8	80.0	82.7	84.8	90.6	90.9	95.5	95.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 684

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 APR

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

25.8	33.6	35.6	36.3	38.7	39.7	41.3	44.0	45.0	45.7	47.1	47.1	47.9	48.2	48.9	49.1
26.1	33.9	35.9	36.6	39.2	40.3	41.9	44.7	45.7	46.3	47.7	47.8	48.6	48.9	49.7	49.8
27.0	35.0	37.0	37.8	40.4	41.6	43.4	46.3	47.3	48.0	49.3	49.4	50.3	50.6	51.4	51.6
27.2	35.2	37.2	38.0	40.7	41.9	43.7	46.7	47.7	48.4	49.8	49.8	50.7	51.0	51.8	52.0
27.5	35.5	37.6	38.3	41.1	42.3	44.2	47.2	48.1	48.9	50.3	50.3	51.3	51.6	52.4	52.6
27.8	36.0	38.1	38.8	41.7	42.9	44.8	47.8	48.8	49.5	51.0	51.0	51.9	52.2	53.0	53.2
28.2	36.4	38.5	39.3	42.2	43.4	45.4	48.5	49.5	50.3	51.7	51.8	52.8	53.1	53.9	54.1
28.4	36.7	38.8	39.6	42.5	43.7	45.8	48.9	49.8	50.6	52.1	52.1	53.1	53.4	54.3	54.5
29.3	37.7	39.9	40.7	44.0	45.2	47.3	50.5	51.5	52.2	53.7	53.8	54.8	55.1	56.1	56.5
30.9	39.9	42.2	43.1	46.5	47.8	50.1	53.4	54.4	55.3	56.8	56.9	58.1	58.4	59.4	59.8
31.4	40.5	42.9	43.8	47.3	48.6	51.2	54.7	55.7	56.6	58.2	58.2	59.6	59.9	60.9	61.3
31.5	40.7	43.2	44.1	47.6	49.0	51.6	55.3	56.3	57.3	58.9	59.0	60.3	60.7	61.7	62.1
31.5	40.7	43.2	44.2	47.7	49.0	51.7	55.4	56.4	57.4	59.1	59.1	60.5	60.8	61.8	62.2
32.2	41.8	44.4	45.4	48.9	50.3	53.1	57.2	58.3	59.5	61.2	61.2	62.7	63.0	64.1	64.5
32.9	42.9	45.7	46.7	50.3	51.7	54.7	59.0	60.2	61.5	63.3	63.3	64.8	65.2	66.3	66.8
33.3	44.1	47.1	48.1	52.0	53.5	56.5	61.2	62.4	63.9	65.7	65.8	67.3	67.6	68.8	69.3
33.9	45.2	48.2	49.4	53.3	54.9	58.1	62.8	64.1	65.6	67.5	67.6	69.1	69.5	70.6	71.2
34.5	46.5	49.7	51.0	55.1	56.8	60.3	65.7	67.0	68.6	70.6	70.7	72.5	72.8	74.0	74.5
34.7	46.9	50.2	51.4	55.6	57.3	60.9	66.3	67.7	69.4	71.5	71.6	73.4	73.8	75.0	75.5
34.9	47.5	50.9	52.3	56.7	58.4	62.1	67.7	69.3	71.1	73.5	73.6	75.7	76.0	77.3	77.9
35.0	47.9	51.6	53.1	57.5	59.3	63.1	69.0	70.7	72.6	75.3	75.5	77.6	78.0	79.3	79.9
35.5	48.7	52.4	54.0	58.6	60.4	64.6	70.8	72.6	74.9	77.8	77.9	80.2	80.6	82.0	82.8
35.6	49.0	52.8	54.3	59.1	61.0	65.2	71.6	73.5	75.8	78.9	79.0	81.4	81.9	83.3	84.0
35.7	49.3	53.2	54.9	59.9	62.0	66.4	73.5	75.6	78.0	81.2	81.3	84.0	84.3	86.0	87.0
35.9	49.8	53.8	55.5	60.8	63.0	67.6	75.1	77.2	79.8	83.3	83.4	86.2	86.6	88.4	89.7
36.0	50.2	54.3	56.2	61.7	64.1	68.9	76.6	78.9	81.5	85.2	85.3	88.3	88.7	90.8	92.2
36.0	50.3	54.5	56.4	62.0	64.4	69.5	77.6	80.0	82.9	86.6	86.7	89.8	90.3	92.4	93.8
36.1	50.4	54.6	56.5	62.1	64.6	69.8	78.0	80.5	83.5	87.4	87.5	90.8	91.2	93.4	94.8
36.1	50.5	54.7	56.8	62.6	65.2	70.5	78.8	81.5	84.6	88.9	89.1	92.6	93.0	95.4	97.0
36.1	50.5	54.7	56.9	62.7	65.3	70.6	79.2	81.9	85.1	89.6	89.7	93.6	94.1	96.7	98.6
36.1	50.5	54.7	56.9	62.7	65.3	70.6	79.2	81.9	85.4	89.8	90.0	94.2	94.8	97.7	99.8
36.1	50.5	54.7	56.9	62.7	65.3	70.6	79.2	81.9	85.4	89.8	90.0	94.2	94.8	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
FROM HOURLY OBSERVATIONS

14.3	15.6	16.1	16.2	17.2	17.4	18.0	18.3	18.4	19.5	19.9	19.9	20.0	20.0	21.1	21.3
14.5	16.0	16.6	16.7	17.7	17.9	18.5	18.8	19.0	20.1	20.5	20.5	20.6	20.6	21.7	21.9
14.5	16.0	16.6	16.7	17.7	17.9	18.5	18.8	19.0	20.1	20.5	20.5	20.6	20.6	21.7	21.9
14.5	16.1	16.7	16.8	17.8	18.0	18.6	18.9	19.1	20.2	20.6	20.6	20.7	20.7	21.8	22.0
15.8	17.5	18.1	18.3	19.2	19.5	20.1	20.3	20.6	21.7	22.0	22.0	22.2	22.2	23.3	23.5
15.8	17.8	18.4	18.5	19.5	19.7	20.3	20.6	20.8	21.9	22.3	22.3	22.4	22.4	23.5	23.8
16.1	18.1	18.8	18.9	19.9	20.1	20.7	21.0	21.2	22.3	22.7	22.7	22.8	22.8	23.9	24.1
16.9	19.0	19.6	19.7	20.7	21.0	21.6	21.8	22.0	23.1	23.5	23.5	23.6	23.6	24.7	25.0
18.3	20.5	21.3	21.4	22.4	22.7	23.3	23.5	23.8	24.8	25.2	25.2	25.3	25.3	26.4	26.7
20.1	22.5	23.4	23.5	24.5	24.7	25.5	25.7	25.9	27.0	27.4	27.4	27.5	27.5	28.6	28.9
20.6	23.4	24.5	24.6	25.6	25.8	26.6	26.8	27.0	28.1	28.5	28.5	28.6	28.6	29.7	30.0
21.1	24.8	25.9	26.1	27.0	27.3	28.3	28.5	28.7	30.0	30.3	30.3	30.5	30.5	31.5	31.8
21.7	25.7	26.8	26.9	27.9	28.1	29.1	29.4	29.6	30.8	31.2	31.2	31.3	31.3	32.4	32.6
23.3	27.9	29.2	29.7	30.9	31.2	32.2	32.4	32.6	33.9	34.2	34.2	34.3	34.3	35.4	35.7
25.6	31.5	33.0	33.5	35.0	35.3	36.3	36.5	36.8	38.1	38.6	38.6	39.1	39.1	40.2	40.4
26.4	32.8	34.6	35.1	36.9	37.3	38.2	38.9	39.1	40.4	40.9	40.9	41.4	41.4	42.5	42.8
27.4	34.8	36.8	37.3	39.1	39.5	40.4	41.0	41.3	42.6	43.1	43.1	43.6	43.6	44.7	44.9
28.6	36.8	39.0	39.7	41.7	42.1	43.2	43.8	44.1	45.8	46.3	46.3	46.9	46.9	48.0	48.2
28.7	37.3	40.0	40.7	42.8	43.2	44.3	44.9	45.2	47.3	47.7	47.7	48.4	48.4	49.5	49.7
29.6	39.0	42.0	42.8	44.9	45.4	46.8	47.4	48.5	50.7	51.2	51.2	51.9	51.9	53.0	53.2
30.6	41.0	44.2	44.9	47.3	47.7	49.2	49.8	50.9	53.1	53.6	53.6	54.4	54.4	55.7	55.9
31.3	42.6	46.2	46.9	49.6	50.1	52.1	53.3	54.4	56.8	57.2	57.2	58.2	58.2	59.7	60.0
31.8	43.6	47.1	48.0	50.8	51.9	54.1	55.3	56.4	58.7	59.2	59.2	60.3	60.3	61.8	62.1
31.8	44.1	48.0	49.3	52.4	53.6	56.0	57.4	58.5	61.4	61.9	61.9	63.1	63.1	64.6	64.9
32.3	45.9	50.2	51.5	55.3	56.5	59.0	60.9	62.0	65.3	65.8	65.8	67.0	67.0	68.8	69.3
33.1	47.5	51.8	53.2	57.7	59.0	61.4	63.6	65.0	68.3	68.9	68.9	70.5	70.8	73.4	73.9
33.9	49.0	53.5	55.1	59.6	60.8	63.2	65.5	67.0	70.5	71.1	71.1	72.7	73.0	76.4	77.3
34.1	49.7	54.6	56.4	61.1	62.4	65.0	68.0	69.7	74.1	74.8	74.8	76.4	76.7	81.0	82.5
34.2	50.5	55.8	57.6	62.7	64.1	67.5	70.5	72.4	77.3	79.4	79.5	81.6	82.0	87.3	88.9
34.2	50.5	55.9	58.0	63.2	64.6	68.2	72.2	74.2	79.5	82.3	82.5	86.1	86.6	93.1	95.6
34.2	50.5	55.9	58.0	63.2	64.6	68.2	72.2	74.2	79.7	82.8	82.9	86.7	87.2	95.1	99.6
34.2	50.5	55.9	58.0	63.2	64.6	68.2	72.2	74.2	79.7	82.8	82.9	86.7	87.2	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

13.9	14.7	15.0	15.2	16.3	16.7	17.4	17.7	17.9	18.8	19.3	19.3	20.0	20.0	21.2	21.6
14.5	15.3	15.7	15.9	17.0	17.4	18.1	18.5	18.6	19.5	20.1	20.1	20.9	20.9	22.1	22.4
14.7	15.7	16.1	16.3	17.4	17.7	18.5	18.8	18.9	19.9	20.5	20.5	21.2	21.2	22.4	22.8
14.7	15.7	16.1	16.3	17.4	17.7	18.5	18.8	18.9	19.9	20.5	20.5	21.2	21.2	22.4	22.8
15.8	16.8	17.1	17.4	18.5	18.8	19.5	19.9	20.0	21.0	21.6	21.6	22.3	22.3	23.5	23.9
15.9	16.9	17.3	17.6	18.8	19.2	19.9	20.3	20.4	21.3	21.9	21.9	22.7	22.7	23.9	24.2
16.2	17.1	17.5	17.9	19.1	19.4	20.1	20.5	20.6	21.6	22.2	22.2	22.9	22.9	24.1	24.5
17.4	18.3	18.7	19.1	20.3	20.6	21.3	21.7	21.8	22.8	23.4	23.4	24.1	24.1	25.3	25.7
18.2	19.7	20.0	20.4	21.6	21.9	22.7	23.0	23.1	24.1	24.7	24.7	25.4	25.4	26.6	27.0
21.2	22.7	23.0	23.4	24.8	25.2	25.9	26.4	26.5	27.5	28.1	28.1	29.0	29.0	30.3	30.7
21.9	23.5	23.9	24.2	25.7	26.0	26.7	27.2	27.3	28.3	28.9	28.9	29.9	29.9	31.2	31.5
22.4	24.2	24.6	24.9	26.4	26.7	27.5	28.1	28.2	29.3	29.9	29.9	30.9	30.9	32.3	32.6
23.0	24.9	25.3	25.7	27.1	27.5	28.3	28.9	29.1	30.2	30.8	30.8	31.9	31.9	33.2	33.6
24.5	26.5	27.2	27.7	29.4	29.7	30.9	31.5	31.8	33.2	33.8	33.8	34.9	34.9	36.2	36.6
27.6	30.8	31.7	32.3	33.9	34.3	35.5	36.1	36.3	37.8	38.4	38.4	39.7	39.	41.0	41.4
27.9	31.4	32.4	33.5	35.4	35.7	36.9	37.5	37.8	39.2	39.8	39.8	41.2	41.2	42.6	42.9
30.7	35.0	36.1	37.3	39.2	39.6	40.8	41.4	41.6	43.2	43.8	43.6	45.2	45.2	46.5	46.9
31.8	36.5	37.8	39.1	41.5	41.8	43.3	43.9	44.4	45.9	46.5	46.5	48.1	48.1	49.4	49.8
31.9	36.7	38.1	39.6	42.2	42.6	44.0	44.6	45.1	46.6	47.2	47.2	48.8	48.8	50.1	50.5
32.7	37.9	40.0	41.5	44.5	44.8	46.6	47.4	48.3	50.4	51.0	51.0	52.9	52.9	54.7	55.0
33.1	39.4	41.6	43.2	46.3	46.6	48.6	49.4	50.4	52.4	53.0	53.0	55.2	55.2	57.0	57.3
33.6	40.5	42.8	44.6	47.8	48.3	51.0	52.2	53.1	55.2	55.9	55.9	58.0	58.2	60.1	60.4
34.4	41.6	44.1	46.0	49.6	50.1	52.8	54.1	55.0	57.2	58.0	58.0	60.2	60.3	62.2	62.6
34.4	41.8	44.5	46.8	50.7	51.2	54.1	55.6	56.6	58.9	60.1	60.1	62.7	62.8	64.9	65.5
34.4	42.2	45.3	47.8	52.2	52.6	55.6	57.8	58.8	61.4	62.8	62.8	65.6	65.8	67.9	68.7
35.1	43.2	46.5	49.0	54.0	54.4	57.6	60.2	61.5	64.5	66.2	66.2	68.9	69.3	71.5	72.7
35.5	44.0	47.5	50.2	55.6	56.1	59.6	62.2	63.8	67.0	68.9	68.9	71.8	72.2	75.1	76.4
36.0	44.8	48.4	51.4	57.3	58.0	61.9	64.9	66.5	70.6	72.9	72.9	76.0	76.5	80.0	81.8
36.0	45.2	48.9	51.9	58.3	59.0	63.5	66.8	68.6	73.7	76.7	76.7	80.7	81.5	86.3	88.8
36.1	45.3	49.2	52.3	59.1	59.8	64.6	68.1	70.0	75.9	79.3	79.3	84.9	85.7	92.2	96.3
36.1	45.6	49.4	52.5	59.4	60.1	64.9	68.3	70.3	76.4	80.0	80.0	86.1	87.1	94.1	100.0
36.1	45.6	49.4	52.5	59.4	60.1	64.9	68.3	70.3	76.4	80.0	80.0	86.1	87.1	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-2800

13.0	14.2	14.9	15.1	15.7	16.2	16.8	17.3	17.3	18.1	18.6	18.6	19.2	19.3	20.5	21.4
13.2	14.4	15.1	15.4	16.0	16.4	17.0	17.8	17.8	18.6	19.1	19.1	19.7	19.8	21.1	22.0
14.0	15.2	16.0	16.2	16.8	17.3	17.9	18.6	18.6	19.4	19.9	19.9	20.5	20.6	22.0	22.8
14.0	15.2	16.0	16.2	16.8	17.3	17.9	18.6	18.6	19.4	19.9	19.9	20.5	20.6	22.0	22.8
14.4	15.7	16.6	16.9	17.6	18.1	18.7	19.4	19.4	20.3	20.8	20.8	21.4	21.5	22.8	23.6
14.9	16.2	17.0	17.4	18.1	18.6	19.2	19.9	19.9	20.8	21.2	21.2	21.8	22.0	23.3	24.1
15.6	16.9	17.8	18.1	18.8	19.3	19.9	20.6	20.6	21.5	22.0	22.0	22.6	22.7	24.0	24.8
17.2	18.5	19.3	19.7	20.4	20.9	21.5	22.2	22.2	23.0	23.5	23.5	24.1	24.2	25.6	26.4
19.4	21.0	21.8	22.2	23.0	23.5	24.2	25.0	25.0	25.8	26.3	26.3	27.0	27.1	28.5	29.3
21.6	23.3	24.1	24.5	25.5	25.9	26.7	27.5	27.5	28.6	29.1	29.1	29.9	30.0	31.3	32.3
22.1	23.8	24.6	25.0	26.1	26.5	27.3	28.1	28.1	29.2	29.7	29.7	30.5	30.6	31.9	32.9
22.7	24.4	25.2	25.6	26.7	27.1	27.9	28.7	28.7	29.9	30.5	30.5	31.5	31.6	32.9	33.9
23.0	24.7	25.6	25.9	27.0	27.5	28.2	29.1	29.1	30.3	30.9	30.9	31.8	31.9	33.3	34.2
25.9	27.6	29.2	29.5	30.6	31.1	32.2	33.0	33.0	34.5	35.1	35.1	36.0	36.1	37.5	38.5
27.4	29.5	31.2	31.7	32.9	33.4	34.5	35.3	35.3	36.7	37.3	37.3	38.3	38.4	39.9	41.1
28.9	32.1	34.0	34.6	35.9	36.4	37.7	38.5	38.5	40.0	40.6	40.6	41.5	41.7	43.1	44.3
31.7	34.8	36.9	37.5	38.8	39.3	40.8	41.7	41.7	43.1	43.7	43.7	44.7	44.8	46.2	47.4
32.7	36.6	38.8	39.7	41.9	42.4	44.2	45.7	45.9	47.3	48.1	48.1	49.1	49.2	50.8	52.0
33.0	37.1	39.3	40.3	42.6	43.1	44.9	46.8	46.9	48.4	49.2	49.2	50.2	50.3	51.9	53.1
33.4	37.7	39.9	41.2	43.7	44.3	46.6	49.2	49.5	50.9	51.7	51.7	52.8	52.9	54.5	55.7
34.3	39.1	41.4	43.2	45.7	46.3	48.7	51.6	51.9	53.3	54.1	54.1	55.2	55.3	57.0	58.3
34.5	39.9	42.4	44.2	46.8	47.4	50.1	53.9	54.3	56.1	56.9	56.9	58.0	58.1	59.8	61.1
34.9	40.3	42.9	44.7	47.3	47.9	50.7	54.5	54.9	56.7	57.5	57.5	58.7	58.8	60.5	61.8
35.1	40.9	44.2	46.1	49.2	49.9	52.7	56.9	57.3	59.1	60.7	60.7	62.5	62.7	64.3	65.8
35.2	41.4	44.8	46.8	49.9	50.8	53.9	58.2	58.6	60.6	62.7	62.7	64.5	64.6	66.5	68.1
35.9	43.1	46.7	48.9	52.2	53.1	56.3	61.0	61.7	64.0	66.9	66.9	68.9	69.0	71.3	72.9
36.9	44.7	48.4	50.7	54.3	55.1	58.7	63.4	64.3	66.7	69.6	69.7	71.9	72.1	74.9	76.7
37.3	45.7	49.7	52.0	55.6	56.4	60.5	66.5	67.5	70.7	73.6	73.8	76.6	77.1	80.2	82.2
38.1	46.8	50.9	53.4	57.5	58.7	63.6	69.9	71.2	74.7	79.5	79.7	83.3	84.2	88.6	91.2
38.1	46.9	51.0	53.5	57.6	58.8	64.1	70.8	72.6	76.7	82.4	82.6	86.7	87.5	93.6	97.5
38.1	46.9	51.0	53.5	57.6	58.8	64.1	70.8	72.6	76.7	82.5	82.7	86.9	87.9	94.4	100.0
38.1	46.9	51.0	53.5	57.6	58.8	64.1	70.8	72.6	76.7	82.5	82.7	86.9	87.9	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 833

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 A170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 0900-1100

14.6	15.7	16.4	16.6	16.7	16.9	17.5	18.1	18.2	18.8	19.1	19.1	19.5	19.7	20.7	21.2
15.1	16.1	16.9	17.1	17.2	17.3	17.9	18.5	18.8	19.4	19.7	19.7	20.2	20.5	21.4	21.9
15.8	17.0	17.7	17.9	18.3	18.4	19.0	19.6	19.9	20.5	20.8	20.8	21.3	21.5	22.5	23.0
15.9	17.1	17.8	18.1	18.4	18.5	19.1	19.7	20.0	20.6	20.9	20.9	21.4	21.7	22.6	23.1
16.9	18.2	19.0	19.3	19.6	19.7	20.3	20.9	21.2	21.8	22.1	22.1	22.6	22.8	23.8	24.3
17.7	19.0	19.9	20.1	20.5	20.6	21.2	21.8	22.0	22.6	23.0	23.0	23.4	23.7	24.6	25.1
18.3	19.6	20.5	20.7	21.1	21.2	21.8	22.4	22.6	23.2	23.6	23.6	24.0	24.3	25.2	25.7
19.6	20.9	21.5	22.0	22.4	22.5	23.1	23.7	23.9	24.5	24.9	24.9	25.4	25.6	26.6	27.0
21.3	23.1	23.9	24.2	24.5	24.6	25.2	25.8	26.3	26.9	27.5	27.5	28.0	28.2	29.2	29.7
24.0	26.1	27.0	27.3	27.8	27.9	28.5	29.1	29.5	30.1	30.7	30.7	31.2	31.5	32.4	32.9
24.8	26.8	27.9	28.1	28.6	28.7	29.3	29.9	30.4	31.0	31.6	31.6	32.1	32.3	33.3	33.7
25.7	27.9	28.9	29.2	30.0	30.1	30.9	31.5	31.9	32.5	33.1	33.1	33.6	33.9	34.9	35.3
26.2	28.3	29.4	29.7	30.5	30.6	31.3	31.9	32.4	33.1	33.7	33.7	34.2	34.4	35.4	35.9
27.9	30.1	31.6	31.8	32.8	32.9	33.6	34.2	34.7	35.4	36.0	36.0	36.5	36.7	37.7	38.2
30.0	32.5	34.1	34.3	35.3	35.4	36.1	36.7	37.2	37.9	38.5	38.5	39.0	39.2	40.2	40.7
30.9	33.6	35.3	35.5	37.0	37.1	37.9	38.5	39.0	39.7	40.3	40.3	40.8	41.0	42.0	42.5
31.7	34.7	36.6	37.1	38.5	38.9	39.8	40.4	40.9	41.6	42.2	42.2	42.7	42.9	43.9	44.4
34.1	38.4	41.0	41.7	43.3	43.7	44.7	45.8	46.3	47.1	48.1	48.2	48.8	49.0	50.0	50.6
34.4	38.9	41.5	42.2	43.8	44.1	45.6	46.7	47.1	48.0	48.9	49.0	49.9	50.1	51.1	51.7
34.6	39.6	42.5	43.2	44.9	45.2	47.4	48.4	48.9	49.8	50.7	50.8	51.7	51.9	52.9	53.5
35.9	41.3	44.3	45.1	47.1	47.5	49.9	51.6	52.0	53.0	53.9	54.1	54.9	55.1	56.1	56.7
36.5	42.6	45.9	46.8	48.9	49.5	52.2	54.8	55.5	56.6	57.5	57.7	58.5	58.7	59.7	60.3
37.0	43.5	47.0	47.8	50.0	50.7	53.3	56.0	56.8	57.9	59.2	59.3	60.2	60.4	61.4	62.0
37.8	45.2	48.8	50.1	52.5	53.2	56.1	59.0	59.8	60.9	62.6	62.7	63.5	63.8	64.7	65.3
38.2	45.8	49.6	51.1	53.6	54.7	57.5	60.5	61.4	62.4	64.8	65.0	65.8	66.0	67.0	67.7
39.8	48.1	51.9	53.5	56.2	57.3	60.4	63.5	64.5	66.0	68.7	68.8	70.2	70.5	71.5	72.2
40.6	49.2	53.0	54.5	58.0	59.4	62.8	66.0	67.0	68.9	71.5	71.7	73.6	73.9	75.0	76.1
40.8	49.9	53.9	55.9	59.8	61.5	65.1	69.3	70.7	73.4	76.3	76.4	78.8	79.2	80.7	82.2
41.7	51.3	55.6	57.9	62.3	64.5	69.1	74.5	76.1	79.1	83.4	83.5	87.2	87.7	90.1	92.0
41.7	51.3	55.9	58.3	62.9	65.2	70.5	77.4	78.9	82.1	86.7	87.1	91.3	92.0	95.6	98.3
41.7	51.3	55.9	58.3	62.9	65.2	70.5	77.4	78.9	82.1	87.0	87.3	91.7	92.5	96.3	100.0
41.7	51.3	55.9	58.3	62.9	65.2	70.5	77.4	78.9	82.1	87.0	87.3	91.7	92.5	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 636

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1200-1400

16.8	17.9	18.5	18.8	19.4	19.8	20.0	20.0	20.0	20.0	20.6	20.6	20.9	21.0	22.3	22.5
17.4	18.5	19.1	19.5	20.3	20.6	20.9	20.9	20.9	20.9	21.5	21.5	21.7	21.8	23.1	23.4
17.7	19.1	19.8	20.3	21.2	21.6	21.9	21.9	21.9	21.9	22.5	22.5	22.8	22.9	24.2	24.5
17.7	19.1	19.8	20.3	21.2	21.6	21.9	21.9	21.9	21.9	22.5	22.5	22.8	22.9	24.2	24.5
19.2	20.5	21.2	21.7	22.7	23.0	23.4	23.4	23.4	23.4	24.0	24.0	24.2	24.3	25.7	25.9
20.4	21.7	22.4	22.9	23.9	24.2	24.6	24.6	24.6	24.6	25.2	25.2	25.4	25.5	26.9	27.1
20.7	22.1	22.8	23.3	24.2	24.6	24.9	24.9	24.9	24.9	25.5	25.5	25.8	25.9	27.2	27.5
21.9	23.3	24.0	24.5	25.4	25.8	26.1	26.1	26.1	26.1	26.7	26.7	27.0	27.1	28.4	28.7
23.9	25.4	26.1	26.9	27.8	28.2	28.5	28.5	28.5	28.5	29.1	29.1	29.6	29.7	31.2	31.4
25.4	27.3	28.1	28.9	29.9	30.2	30.7	30.7	30.8	31.1	31.7	31.7	32.1	32.3	33.7	33.9
26.4	28.4	29.3	30.1	31.1	31.4	31.9	31.9	32.0	32.3	32.9	32.9	33.3	33.5	34.9	35.1
27.5	29.6	30.5	31.3	32.3	32.6	33.1	33.1	33.2	33.5	34.1	34.1	34.5	34.7	36.1	36.3
27.9	30.1	31.1	31.9	32.9	33.2	33.7	33.7	33.8	34.1	34.7	34.7	35.1	35.3	36.7	36.9
29.0	31.2	32.5	33.5	34.7	35.0	35.5	35.5	35.6	35.9	36.5	36.5	36.9	37.1	38.5	38.7
30.5	33.0	34.4	35.4	36.8	37.2	37.8	38.0	38.1	38.4	39.0	39.0	39.6	39.7	41.1	41.4
32.1	34.9	36.5	37.5	39.3	39.7	40.3	40.5	40.6	40.9	41.5	41.5	42.1	42.2	43.6	43.9
34.3	37.9	40.0	41.5	43.3	43.8	44.4	44.7	44.8	45.1	45.7	45.7	46.3	46.4	47.8	48.1
36.8	41.5	43.6	45.4	47.4	48.0	48.8	49.3	49.6	50.0	50.6	50.6	51.2	51.3	52.9	53.0
37.1	41.8	44.0	45.8	47.7	48.3	49.2	49.6	50.0	50.4	51.0	51.0	51.7	51.9	53.2	53.5
38.0	43.5	46.0	48.1	50.1	50.8	51.8	52.3	52.6	53.0	53.6	53.6	54.3	54.6	56.2	56.5
38.6	44.5	47.1	49.2	51.6	52.3	53.4	54.4	54.9	55.5	56.1	56.1	57.1	57.3	59.0	59.2
39.8	45.9	48.7	50.8	54.0	54.8	56.2	57.7	58.2	58.9	59.5	59.5	60.4	60.7	62.5	62.7
40.2	46.5	49.4	51.7	54.9	55.6	57.4	58.9	59.5	60.2	60.9	60.9	61.9	62.1	63.9	64.1
41.0	46.4	51.6	54.0	57.6	58.5	60.3	61.8	62.7	63.4	64.4	64.4	65.3	65.6	67.4	67.6
41.6	49.4	52.8	55.4	59.4	60.7	62.5	63.9	64.9	65.6	66.7	66.7	67.9	68.1	69.9	70.1
42.2	50.2	53.6	56.2	61.0	62.4	64.4	66.4	67.4	68.2	69.7	69.7	71.2	71.5	73.4	73.6
43.3	51.9	55.3	57.9	63.1	64.9	66.9	69.2	70.1	71.0	72.5	72.5	74.1	74.3	76.7	77.0
43.6	53.7	57.2	60.2	65.5	67.7	70.9	73.5	74.5	75.8	77.7	77.7	79.4	79.7	82.6	82.9
44.2	55.0	58.6	61.9	68.0	70.9	75.8	79.3	80.3	82.3	84.5	84.5	87.1	87.4	90.9	91.2
44.2	55.0	58.6	61.9	68.0	71.1	76.9	81.7	82.9	85.3	88.2	88.2	91.4	91.8	96.2	96.8
44.2	55.0	58.6	61.9	68.0	71.1	76.9	81.8	83.0	85.6	88.7	88.7	92.0	92.6	97.6	99.5
44.2	55.0	58.6	61.9	68.0	71.1	76.9	81.8	83.0	85.6	88.7	88.7	92.0	92.6	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

TIN CITY AFS AK 73-81 MAY

PERCENT FREQUENCY OF OCCURRENCE
FOR ALL OBSERVATIONS

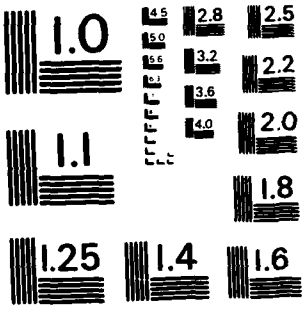
1500-1700

18.6	19.6	19.6	19.7	20.1	20.3	20.7	20.7	20.7	21.0	21.2	21.5	22.0	22.2	23.3	23.7
19.4	20.7	20.7	20.8	21.2	21.5	21.8	21.8	21.8	22.1	22.3	22.6	23.1	23.3	24.4	24.8
19.7	21.2	21.3	21.5	22.0	22.2	22.7	22.7	22.7	23.0	23.2	23.4	23.9	24.2	25.3	25.7
19.9	21.3	21.5	21.6	22.1	22.3	22.8	22.8	22.8	23.1	23.3	23.6	24.1	24.3	25.4	25.8
20.8	22.3	22.6	22.7	23.2	23.4	23.9	23.9	23.9	24.2	24.4	24.7	25.2	25.4	26.6	26.9
21.2	22.7	23.0	23.1	23.6	23.8	24.3	24.3	24.3	24.6	24.8	25.1	25.6	25.8	26.9	27.3
21.3	23.0	23.2	23.3	23.8	24.1	24.6	24.6	24.6	24.8	25.1	25.3	25.8	26.1	27.2	27.5
22.1	23.7	23.9	24.1	24.6	24.8	25.3	25.3	25.3	25.6	25.8	26.1	26.6	26.6	27.9	28.3
23.3	24.9	25.2	25.3	26.1	26.3	26.8	26.8	26.8	27.0	27.3	27.5	28.0	28.3	29.5	29.9
26.3	28.0	28.3	28.4	29.2	29.4	29.9	29.9	29.9	30.3	30.5	30.8	31.3	31.5	32.8	33.1
27.3	29.4	29.7	29.8	30.5	30.9	31.5	31.5	31.5	31.9	32.1	32.4	32.9	33.1	34.4	34.7
28.8	31.0	31.3	31.5	32.3	32.6	33.3	33.3	33.3	33.6	33.9	34.1	34.6	34.9	36.1	36.5
28.8	31.0	31.3	31.8	32.6	33.0	33.6	33.6	33.6	34.0	34.2	34.5	35.0	35.2	36.5	36.8
29.8	32.8	33.0	33.5	34.5	34.9	35.5	35.5	35.5	35.9	36.1	36.4	36.8	37.1	38.3	38.7
32.4	35.5	35.9	36.5	37.6	38.0	38.6	38.6	38.6	39.0	39.3	39.6	40.1	40.3	41.7	42.1
34.0	37.1	37.6	38.2	39.3	39.7	40.3	40.3	40.3	40.7	41.1	41.3	41.8	42.1	43.4	43.8
35.7	39.7	40.7	41.6	42.8	43.3	44.2	44.2	44.2	44.5	44.9	45.2	45.7	45.9	47.3	47.6
35.7	43.8	44.9	45.6	47.0	47.5	48.5	48.5	48.6	49.1	49.5	49.8	50.2	50.5	51.9	52.2
39.3	44.9	46.0	46.9	48.3	48.8	49.8	49.8	49.9	50.4	50.7	51.0	51.5	51.7	53.1	53.5
40.4	46.3	47.6	48.5	50.0	50.6	51.6	51.6	51.7	52.2	52.6	52.9	53.5	53.7	55.1	55.5
41.4	47.6	49.0	50.0	52.0	52.7	53.8	54.1	54.5	55.0	55.3	55.6	56.5	56.8	58.6	58.9
41.9	48.1	49.6	50.9	53.2	54.0	55.1	55.3	55.7	56.2	56.6	56.8	57.8	58.2	60.2	60.7
42.1	48.4	49.9	51.1	53.5	54.3	55.7	56.0	56.3	56.8	57.2	57.4	58.4	58.8	60.8	61.3
43.5	51.1	53.1	54.5	57.1	57.9	59.3	59.8	60.2	61.0	61.4	61.7	62.7	63.0	65.0	65.5
44.9	53.6	55.7	57.1	59.7	60.9	62.3	63.3	63.8	64.8	65.1	65.4	66.7	67.1	69.1	69.6
45.7	55.1	57.8	59.2	62.7	64.5	66.0	67.0	67.5	68.5	69.2	69.5	71.3	71.7	73.8	74.3
46.7	56.2	59.1	60.9	65.0	66.9	68.4	69.9	70.3	71.3	72.1	72.3	74.3	74.7	77.4	78.2
47.1	57.3	60.3	62.2	66.7	69.0	71.8	73.6	74.1	75.1	75.9	76.2	78.4	78.8	81.6	82.4
47.4	58.4	61.5	63.8	69.4	71.7	75.9	78.9	79.5	80.9	82.1	82.4	85.0	85.4	88.5	89.3
47.4	59.1	62.3	64.6	70.5	73.2	78.2	82.1	82.9	85.1	86.6	86.8	90.6	91.2	95.8	96.8
47.4	59.1	62.3	64.6	70.5	73.2	78.2	82.1	82.9	85.5	87.0	87.2	91.2	91.8	96.9	99.3
47.4	59.1	62.3	64.6	70.5	73.2	78.2	82.1	82.9	85.5	87.0	87.2	91.2	91.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 936

AD-A131 191 TIN CITY AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 3/5

UNCLASSIFIED USAFETAC/DS/83/017 SBI-AD-E850 395 F/G 4/2 NL



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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]1170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

16.1	16.5	16.5	16.7	16.7	17.0	17.0	17.5	17.7	17.7	18.4	18.4	18.7	18.9	19.8	20.4
16.7	17.4	17.4	17.5	17.5	17.8	17.8	18.4	18.5	18.5	19.2	19.2	19.8	20.1	20.9	21.5
17.5	18.2	18.2	18.4	18.4	18.7	18.7	19.2	19.4	19.4	20.1	20.1	20.7	20.9	21.8	22.4
17.7	18.4	18.4	18.5	18.5	18.8	18.8	19.4	19.5	19.5	20.2	20.2	20.8	21.1	21.9	22.5
18.8	19.5	19.5	19.7	19.7	19.9	19.9	20.5	20.7	20.7	21.4	21.4	21.9	22.2	23.1	23.6
19.8	20.5	20.5	20.7	20.7	20.9	20.9	21.5	21.7	21.7	22.4	22.4	22.9	23.2	24.1	24.6
19.8	20.8	20.8	20.9	20.9	21.2	21.2	21.8	21.9	21.9	22.6	22.6	23.2	23.5	24.4	24.9
20.7	21.7	21.8	21.9	21.9	22.2	22.2	22.8	22.9	22.9	23.6	23.6	24.2	24.5	25.4	25.9
22.8	23.9	24.1	24.2	24.5	24.8	24.8	25.4	25.5	25.5	26.4	26.4	26.9	27.2	28.1	28.6
25.8	26.9	27.1	27.2	27.5	27.8	27.8	28.5	28.6	28.6	29.5	29.5	30.2	30.5	31.3	31.9
26.9	28.2	28.5	28.8	29.2	29.5	29.8	30.5	30.6	30.6	31.5	31.5	32.5	32.8	33.6	34.2
27.9	29.3	29.6	30.1	30.5	30.8	31.1	32.1	32.2	32.2	33.2	33.2	34.2	34.5	35.3	35.9
27.9	29.5	29.8	30.3	30.8	31.1	31.3	32.3	32.5	32.5	33.5	33.5	34.5	34.8	35.6	36.2
29.3	31.2	31.8	32.8	33.3	33.6	33.9	34.9	35.0	35.0	36.0	36.0	37.0	37.3	38.2	38.7
31.5	33.8	34.5	35.5	36.2	36.5	36.9	37.9	38.0	38.0	39.0	39.0	40.0	40.3	41.5	42.0
32.6	34.9	35.6	36.6	37.5	37.7	38.2	39.2	39.3	39.3	40.3	40.3	41.3	41.6	42.7	43.3
33.5	36.9	37.9	38.9	39.7	40.2	40.6	41.6	41.7	41.7	42.7	42.7	43.7	44.0	45.2	45.7
35.3	39.9	41.2	42.3	43.3	43.7	44.2	45.2	45.6	45.6	46.6	46.6	47.6	47.9	49.0	49.6
36.9	41.5	42.7	43.9	45.0	45.4	45.9	46.9	47.3	47.3	48.3	48.3	49.3	49.6	50.7	51.3
39.3	44.0	45.3	46.4	48.0	48.6	49.0	50.0	50.4	50.6	51.6	51.6	52.6	52.8	54.0	54.6
40.0	45.3	46.6	47.7	49.9	50.4	50.9	52.0	52.4	52.7	53.7	53.7	54.8	55.3	56.8	57.4
41.2	46.4	47.9	49.0	51.7	52.4	53.0	54.1	54.6	55.0	56.1	56.1	57.3	57.8	59.4	60.1
41.9	47.3	48.7	49.9	52.6	53.3	53.8	55.0	55.4	55.8	57.0	57.0	58.1	58.7	60.3	61.0
43.3	49.1	50.9	52.6	55.4	56.1	56.7	58.3	58.7	59.1	60.3	60.3	61.4	62.0	63.5	64.2
45.3	51.7	53.6	55.6	58.4	59.1	60.0	61.7	62.1	62.5	63.7	63.7	64.8	65.4	67.1	67.8
47.2	54.0	56.3	58.4	61.7	62.7	63.7	65.4	66.0	66.4	67.9	67.9	69.8	70.7	72.6	73.5
48.3	56.1	58.7	61.3	64.7	65.7	66.8	68.9	69.5	70.1	71.8	71.8	73.9	74.8	77.1	78.3
48.7	57.8	60.4	63.0	66.5	67.7	68.8	70.9	71.5	72.1	73.9	73.9	76.1	76.9	79.3	80.9
49.0	58.7	61.3	63.8	68.2	69.4	71.2	73.9	74.5	75.6	77.9	77.9	81.1	82.1	85.0	86.8
49.0	58.7	61.4	64.0	68.7	69.9	72.4	75.9	76.5	78.8	81.8	81.8	86.5	87.9	92.6	94.9
49.0	58.7	61.4	64.0	68.7	69.9	72.4	75.9	76.5	79.2	82.8	82.8	87.7	89.6	95.3	99.3
49.0	58.7	61.4	64.0	68.7	69.9	72.4	75.9	76.5	79.2	82.8	82.8	87.7	89.6	95.3	100.0

TOTAL NUMBER OF OBSERVATIONS 702

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

2100-2300

15.3	15.8	16.0	16.1	16.7	16.9	16.9	17.1	17.2	17.4	17.4	17.4	17.6	17.6	18.7	18.9
16.1	16.7	16.8	16.9	17.5	17.8	17.8	17.9	18.0	18.2	18.2	18.2	18.6	18.6	19.7	20.0
16.7	17.2	17.4	17.5	18.2	18.5	18.5	18.6	18.7	18.9	18.9	18.9	19.4	19.4	20.7	20.9
16.7	17.2	17.4	17.5	18.2	18.5	18.5	18.6	18.7	18.9	18.9	18.9	19.4	19.4	20.7	20.9
18.5	19.0	19.1	19.3	20.0	20.2	20.2	20.4	20.5	20.7	20.7	20.7	21.2	21.2	22.5	22.7
18.6	19.1	19.3	19.4	20.1	20.4	20.4	20.5	20.7	20.8	20.8	20.8	21.3	21.3	22.6	22.9
18.7	19.3	19.4	19.6	20.2	20.5	20.5	20.7	20.8	20.9	20.9	20.9	21.5	21.5	22.7	23.0
19.8	20.4	20.5	20.7	21.3	21.6	21.6	21.8	21.9	22.0	22.0	22.0	22.6	22.6	23.8	24.1
21.5	22.5	22.6	22.7	23.4	23.7	23.8	24.0	24.1	24.2	24.4	24.4	24.9	24.9	26.2	26.4
23.7	24.8	24.9	25.3	26.0	26.3	26.4	26.6	26.7	26.9	27.0	27.0	27.5	27.5	28.8	29.1
24.5	25.9	26.0	26.4	27.4	27.7	27.8	28.0	28.1	28.2	28.4	28.4	28.9	28.9	30.2	30.4
25.5	27.1	27.3	27.7	28.7	28.9	29.2	29.3	29.8	29.9	30.0	30.0	30.7	30.7	32.0	32.2
26.3	28.2	28.7	29.2	30.3	30.6	30.9	31.0	31.4	31.5	31.7	31.7	32.4	32.4	33.6	33.9
28.7	30.9	31.5	32.4	33.5	34.2	34.6	34.7	35.1	35.3	35.4	35.4	36.1	36.1	37.3	37.6
30.3	33.2	34.0	34.8	36.0	36.6	37.1	37.2	37.6	37.7	38.0	38.0	38.7	38.7	39.9	40.2
31.1	34.2	35.7	36.5	37.6	38.3	38.7	39.0	39.4	39.5	39.8	39.8	40.5	40.5	41.7	42.0
32.0	36.1	37.6	38.4	39.5	40.2	40.6	40.9	41.3	41.5	41.7	41.7	42.4	42.4	43.7	43.9
33.3	38.4	40.2	41.3	42.6	43.3	43.7	43.9	44.5	44.8	45.0	45.0	45.7	45.7	47.0	47.2
33.6	39.1	40.9	42.0	43.3	43.9	44.4	45.0	45.6	45.9	46.1	46.1	46.8	46.8	48.1	48.3
35.5	41.6	43.5	44.6	46.4	47.1	47.5	48.3	49.3	49.7	50.0	50.0	50.7	50.7	51.9	52.2
37.2	43.9	45.9	47.0	48.8	49.4	49.9	50.7	51.8	52.2	52.5	52.5	53.2	53.2	54.8	55.1
38.7	46.4	48.5	49.7	51.7	52.3	53.3	54.4	55.5	55.9	56.3	56.3	57.0	57.2	58.8	59.1
39.7	47.9	50.0	51.2	53.2	54.1	55.1	56.2	57.3	57.7	58.1	58.1	58.8	59.0	60.6	60.9
40.5	49.0	51.5	53.4	55.5	56.6	57.7	59.6	60.7	61.6	62.3	62.3	62.9	63.1	64.7	65.0
40.9	49.9	52.5	54.4	56.5	57.6	59.1	61.6	62.8	63.6	64.6	64.6	65.7	65.8	67.6	67.9
42.6	53.0	55.8	57.7	59.9	61.0	62.5	65.6	67.2	68.2	69.3	69.3	70.8	70.9	73.1	73.4
43.1	54.8	58.0	59.9	62.7	63.8	65.4	68.5	70.1	71.1	72.2	72.2	73.8	74.0	76.6	77.7
43.3	55.9	59.1	61.0	63.9	65.0	66.8	70.0	71.6	73.0	74.2	74.2	76.0	76.2	79.2	80.6
43.5	57.4	61.2	63.8	66.7	67.9	70.0	73.4	75.1	76.9	79.2	79.2	81.7	81.8	85.5	86.9
43.5	57.6	61.3	63.9	66.8	68.0	71.1	74.7	76.3	78.7	81.3	81.3	84.8	85.3	90.2	92.6
43.7	57.9	61.6	64.2	67.1	68.3	71.3	74.9	76.6	78.9	82.2	82.2	86.5	87.1	93.9	99.2
43.7	57.9	61.6	64.2	67.1	68.3	71.3	74.9	76.6	78.9	82.2	82.2	86.5	87.1	93.9	100.0

TOTAL NUMBER OF OBSERVATIONS 726

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7[illegible]170 TIN CITY AFS AK 73-81 MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

ALL

15.3	16.2	16.6	16.8	17.4	17.7	18.1	18.4	18.4	18.9	19.4	19.4	19.8	19.9	21.0	21.4
15.8	16.9	17.3	17.5	18.1	18.4	18.8	19.1	19.2	19.7	20.1	20.2	20.6	20.7	21.9	22.3
16.3	17.4	17.9	18.1	18.7	19.0	19.5	19.8	19.9	20.4	20.8	20.9	21.3	21.5	22.6	23.0
16.3	17.5	17.9	18.1	18.8	19.1	19.5	19.9	20.0	20.5	20.9	20.9	21.4	21.5	22.7	23.1
17.5	18.7	19.1	19.4	20.1	20.4	20.8	21.1	21.2	21.7	22.2	22.2	22.7	22.8	23.9	24.3
18.0	19.2	19.7	19.9	20.6	20.9	21.4	21.7	21.8	22.3	22.7	22.8	23.2	23.4	24.5	24.9
18.3	19.6	20.1	20.3	21.0	21.3	21.7	22.1	22.2	22.7	23.1	23.1	23.6	23.7	24.9	25.3
19.4	20.7	21.2	21.4	22.1	22.4	22.9	23.2	23.3	23.8	24.2	24.3	24.7	24.9	26.0	26.4
21.0	22.6	23.1	23.4	24.2	24.5	24.9	25.3	25.4	25.9	26.4	26.4	26.9	27.1	28.2	28.7
23.5	25.2	25.7	26.0	26.9	27.2	27.7	28.1	28.2	28.8	29.3	29.3	29.9	30.0	31.2	31.6
24.2	26.1	26.8	27.1	28.0	28.3	28.8	29.2	29.4	30.0	30.4	30.5	31.1	31.2	32.4	32.8
25.1	27.3	27.9	28.3	29.2	29.5	30.1	30.5	30.7	31.4	31.9	31.9	32.6	32.7	33.9	34.3
25.5	27.8	28.4	28.9	29.8	30.2	30.8	31.2	31.4	32.1	32.6	32.6	33.3	33.4	34.6	35.0
27.2	29.7	30.7	31.3	32.4	32.8	33.5	33.9	34.1	34.9	35.4	35.4	36.1	36.2	37.4	37.8
29.3	32.4	33.6	34.2	35.4	35.8	36.6	37.0	37.2	38.0	38.5	38.5	39.3	39.4	40.7	41.1
30.4	33.8	35.2	35.9	37.3	37.7	38.5	39.0	39.3	40.0	40.6	40.6	41.3	41.5	42.7	43.2
32.1	36.2	37.8	38.7	40.1	40.6	41.5	42.0	42.2	43.0	43.5	43.6	44.3	44.4	45.7	46.2
33.9	39.0	40.8	41.9	43.6	44.1	45.1	45.8	46.2	47.0	47.7	47.7	48.5	48.6	49.9	50.4
34.3	39.6	41.5	42.6	44.4	44.9	46.0	46.8	47.2	48.1	48.7	48.7	49.6	49.7	51.0	51.5
35.4	41.1	43.3	44.5	46.5	47.1	48.4	49.3	49.9	50.9	51.6	51.6	52.6	52.7	54.1	54.6
36.3	42.7	44.9	46.2	48.5	49.1	50.5	51.7	52.3	53.4	54.1	54.1	55.2	55.4	56.9	57.4
37.1	44.0	46.4	47.8	50.4	51.0	52.8	54.5	55.2	56.4	57.0	57.1	58.2	58.4	60.0	60.6
37.6	44.8	47.3	48.7	51.4	52.2	54.1	55.7	56.5	57.7	58.4	58.5	59.6	59.8	61.5	62.0
38.3	46.1	49.0	50.8	53.7	54.6	56.6	58.5	59.3	60.7	61.7	61.8	63.1	63.3	64.9	65.5
38.9	47.3	50.4	52.3	55.5	56.5	58.7	61.0	61.7	63.3	64.5	64.6	66.0	66.3	68.0	68.7
40.0	49.1	52.4	54.4	58.1	59.2	61.5	64.0	65.0	66.7	68.3	68.4	70.2	70.5	72.6	73.3
40.8	50.5	54.0	56.1	60.2	61.4	63.9	66.6	67.7	69.5	71.2	71.3	73.2	73.6	76.1	77.2
41.2	51.7	55.3	57.6	61.9	63.3	66.3	69.5	70.7	73.1	75.0	75.0	77.3	77.7	80.6	82.0
41.6	52.7	56.5	59.1	64.0	65.6	69.5	73.4	74.7	77.6	80.4	80.5	83.5	84.1	87.9	89.5
41.6	52.8	56.8	59.4	64.5	66.2	70.7	75.3	76.8	80.3	83.6	83.8	87.8	88.6	93.7	96.2
41.6	52.9	56.8	59.4	64.5	66.3	70.7	75.4	76.9	80.5	84.2	84.3	88.7	89.5	95.5	99.6
41.6	52.9	56.8	59.4	64.5	66.3	70.7	75.4	76.9	80.5	84.2	84.3	88.7	89.5	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 6392

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE 0000-0200
FROM HOURLY OBSERVATIONS

21.1	23.0	23.2	23.4	23.6	23.7	23.7	24.1	24.4	24.7	25.1	25.1	25.3	25.3	25.5	26.0
21.9	23.7	24.0	24.3	24.5	24.7	24.9	25.3	25.6	25.9	26.6	26.6	26.9	26.9	27.2	27.7
22.6	24.4	24.7	24.9	25.2	25.3	25.6	26.0	26.3	26.5	27.3	27.3	27.6	27.6	27.8	28.4
22.8	24.7	24.9	25.2	25.5	25.6	25.9	26.3	26.5	26.8	27.6	27.6	27.8	27.8	28.1	28.6
23.1	24.9	25.2	25.5	25.7	25.9	26.1	26.5	26.8	27.0	27.8	27.8	28.2	28.2	28.5	29.2
23.1	25.2	25.5	25.7	26.0	26.1	26.4	26.8	27.0	27.3	28.1	28.1	28.5	28.5	28.8	29.4
23.1	25.2	25.5	25.7	26.0	26.1	26.4	26.8	27.0	27.3	28.1	28.1	28.5	28.5	28.8	29.4
23.2	25.5	25.7	26.0	26.3	26.4	26.6	27.0	27.3	27.6	28.4	28.4	28.8	28.8	29.0	29.7
25.7	28.1	28.4	28.6	28.9	29.0	29.3	29.7	29.9	30.2	31.0	31.0	31.5	31.5	31.8	32.5
26.6	29.0	29.3	29.8	30.1	30.2	30.5	30.9	31.1	31.4	32.3	32.3	33.0	33.0	33.2	33.9
26.6	29.0	29.3	29.8	30.1	30.2	30.5	30.9	31.1	31.4	32.5	32.5	33.1	33.1	33.4	34.0
26.9	29.3	29.6	30.1	30.5	30.6	30.9	31.3	31.5	31.8	33.1	33.1	33.8	33.8	34.0	34.7
27.0	29.4	29.7	30.2	30.6	30.7	31.0	31.4	31.7	31.9	33.2	33.2	33.9	33.9	34.2	34.8
29.2	31.5	31.8	32.3	32.7	32.8	33.1	33.5	33.8	34.0	35.4	35.4	36.0	36.0	36.3	36.9
31.9	34.7	35.2	35.8	36.3	36.4	36.7	37.1	37.3	37.6	38.9	38.9	39.6	39.6	39.8	40.5
33.2	36.0	36.5	37.1	38.0	38.1	38.4	38.8	39.1	39.3	40.6	40.6	41.3	41.3	41.6	42.2
34.2	37.2	37.7	38.3	39.3	39.4	39.7	40.1	40.4	40.6	42.0	42.0	42.6	42.6	42.9	43.5
35.6	38.7	39.3	39.8	41.0	41.2	41.4	41.8	42.1	42.3	43.7	43.7	44.3	44.3	44.6	45.3
35.6	38.7	39.4	40.0	41.4	41.6	41.8	42.2	42.5	42.7	44.1	44.1	44.7	44.7	45.0	45.6
36.7	40.5	41.4	42.2	44.1	44.2	44.6	45.0	45.3	45.5	46.8	46.8	47.5	47.5	47.8	48.4
36.9	40.8	41.7	42.5	44.3	44.5	45.0	45.4	45.6	45.9	47.2	47.2	47.9	47.9	48.2	48.8
37.9	42.0	42.9	43.8	45.8	45.9	46.7	47.1	47.4	47.6	48.9	48.9	49.6	49.6	49.9	50.5
38.3	42.3	43.3	44.3	46.3	46.6	47.4	47.8	48.0	48.3	49.6	49.6	50.3	50.3	50.5	51.2
38.7	43.3	44.5	45.6	47.8	48.0	48.8	49.5	49.7	50.1	51.5	51.5	52.1	52.1	52.4	53.0
39.3	44.5	45.9	47.5	50.0	50.3	51.2	52.0	52.2	52.6	54.0	54.0	54.6	54.6	54.9	55.5
40.6	46.3	47.9	49.7	52.6	52.9	53.8	54.7	55.0	55.4	56.7	56.7	57.8	57.8	58.6	59.2
40.8	46.6	48.3	50.1	53.2	53.6	54.6	55.8	56.2	56.6	58.0	58.2	59.4	59.5	60.4	61.3
41.3	47.4	49.2	51.2	54.2	54.6	56.1	58.0	58.4	58.8	60.3	60.6	61.9	62.0	62.9	63.9
41.6	48.2	50.1	52.1	55.1	55.7	57.9	60.3	60.7	61.3	63.2	63.5	65.4	65.7	66.9	68.9
41.8	49.3	51.6	53.7	57.4	58.2	60.7	63.5	64.1	64.9	67.3	67.5	70.7	71.0	74.4	81.7
41.8	49.3	51.7	54.0	57.7	58.4	61.2	64.0	64.6	65.6	68.3	68.6	72.6	73.0	78.8	93.8
41.8	49.3	51.7	54.0	57.7	58.4	61.2	64.0	64.6	65.6	68.3	68.6	72.6	73.0	78.8	100.0

TOTAL NUMBER OF OBSERVATIONS 758

\#
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0300-0500

20.3	22.1	22.2	22.5	22.6	22.9	23.1	23.6	23.6	23.6	24.1	24.1	24.3	24.3	24.4	24.9
21.2	23.0	23.1	23.4	24.0	24.3	24.6	25.2	25.2	25.4	25.9	25.9	26.2	26.2	26.3	26.8
21.7	23.5	23.6	23.9	24.5	24.8	25.2	25.7	25.7	26.1	26.6	26.6	26.8	26.8	26.9	27.5
22.0	23.8	23.9	24.1	24.8	25.0	25.4	25.9	25.9	26.3	26.8	26.8	27.1	27.1	27.2	27.7
22.0	23.8	23.9	24.1	24.8	25.0	25.4	25.9	25.9	26.4	26.9	26.9	27.2	27.2	27.3	28.3
22.0	23.8	23.9	24.1	24.8	25.0	25.4	25.9	25.9	26.4	26.9	26.9	27.2	27.2	27.3	28.0
22.1	23.9	24.0	24.3	24.9	25.2	25.5	26.1	26.1	26.6	27.1	27.1	27.3	27.3	27.5	28.1
22.5	24.3	24.4	24.6	25.3	25.5	25.9	26.4	26.4	26.9	27.5	27.5	27.7	27.7	27.8	28.5
24.0	25.8	25.9	26.2	26.8	27.1	27.5	28.0	28.0	28.6	29.1	29.1	29.4	29.4	29.8	30.5
25.7	27.5	27.6	27.8	28.5	28.7	29.1	29.6	29.6	30.3	30.8	30.8	31.0	31.0	31.4	32.2
25.8	27.6	27.7	28.0	28.6	28.9	29.2	29.8	29.8	30.4	30.9	30.9	31.2	31.2	31.5	32.3
27.1	28.9	29.0	29.2	29.9	30.1	30.5	31.0	31.2	31.8	32.3	32.3	32.6	32.6	33.0	33.7
27.1	29.1	29.4	29.6	30.3	30.5	30.9	31.4	31.5	32.2	32.7	32.7	33.1	33.1	33.5	34.2
29.8	31.8	32.1	32.3	33.1	33.3	33.7	34.2	34.4	35.0	35.5	35.5	35.9	35.9	36.3	37.0
30.9	33.1	33.3	33.6	34.4	34.6	35.0	35.5	35.6	36.3	36.9	36.9	37.3	37.3	37.7	38.4
31.8	34.2	34.5	34.7	35.5	35.8	36.1	36.7	36.8	37.4	38.1	38.1	38.6	38.6	39.0	39.7
33.1	35.5	35.8	36.0	36.8	37.0	37.4	37.9	38.1	38.7	39.3	39.3	39.8	39.8	40.2	41.0
34.1	36.7	36.9	37.2	38.1	38.4	39.0	39.5	39.6	40.2	40.9	40.9	41.4	41.4	41.8	42.5
34.5	37.0	37.4	37.7	38.6	39.0	39.5	40.2	40.4	41.0	41.6	41.6	42.1	42.1	42.5	43.3
35.6	38.6	39.1	39.3	40.6	41.0	41.8	42.7	42.8	43.4	44.1	44.1	44.6	44.6	45.0	45.7
35.8	38.8	39.3	39.6	40.9	41.3	42.0	42.9	43.0	43.7	44.3	44.3	44.8	44.8	45.2	46.0
36.7	40.0	40.5	41.0	42.5	42.9	44.1	45.0	45.1	45.7	46.5	46.5	47.0	47.0	47.4	48.1
37.2	40.6	41.1	41.8	43.4	43.9	45.1	46.0	46.1	46.7	47.5	47.5	48.0	48.0	48.4	49.2
38.3	42.3	43.0	44.1	46.0	46.6	47.9	48.8	48.9	49.6	50.3	50.3	50.8	50.8	51.2	52.0
38.8	43.0	43.9	45.3	47.4	48.0	49.7	50.6	50.7	51.7	52.6	52.7	53.4	53.4	53.8	54.5
39.2	44.4	45.3	46.7	49.0	49.7	51.3	52.7	53.0	54.3	55.2	55.3	56.3	56.3	57.1	58.1
39.6	45.0	45.8	47.5	50.1	50.8	52.7	54.2	54.4	55.7	57.0	57.2	58.7	58.7	59.8	60.9
41.0	46.4	47.3	48.9	51.5	52.2	54.5	56.3	56.6	58.0	59.3	59.5	61.9	61.9	63.3	64.5
41.5	47.3	48.1	49.9	53.1	54.0	57.0	58.7	59.1	60.7	62.5	62.7	66.9	66.9	68.6	69.9
41.8	48.0	49.0	51.0	55.2	56.1	59.5	61.8	62.2	64.1	66.5	66.8	72.7	73.4	78.2	83.7
41.8	48.0	49.0	51.0	55.2	56.1	59.5	61.8	62.2	64.1	66.5	66.8	72.8	73.8	80.3	95.9
41.8	48.0	49.0	51.0	55.2	56.1	59.5	61.8	62.2	64.1	66.5	66.8	72.8	73.8	80.5	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70117D TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0600-0800

19.7	20.4	20.8	21.4	21.8	22.0	22.3	22.6	22.7	23.2	23.5	23.5	23.7	23.7	24.0	24.5
20.3	21.1	21.4	22.1	22.5	22.6	23.0	23.2	23.4	23.9	24.1	24.1	24.4	24.4	24.6	25.1
20.7	21.4	21.8	22.5	23.0	23.1	23.5	23.7	23.9	24.4	24.6	24.6	24.9	24.9	25.1	25.6
20.7	21.4	21.8	22.5	23.0	23.1	23.5	23.7	23.9	24.4	24.6	24.6	24.9	24.9	25.1	25.6
21.1	21.8	22.2	22.8	23.4	23.5	23.9	24.1	24.2	24.7	25.0	25.0	25.3	25.3	25.5	26.0
21.1	21.8	22.2	22.8	23.4	23.5	23.9	24.1	24.2	24.7	25.0	25.0	25.3	25.3	25.5	26.0
21.1	21.8	22.2	22.8	23.4	23.5	23.9	24.1	24.2	24.7	25.0	25.0	25.4	25.4	25.6	26.1
21.4	22.2	22.6	23.2	23.7	23.9	24.2	24.5	24.7	25.4	25.6	25.6	26.3	26.3	26.6	27.2
23.5	24.4	24.7	25.4	25.9	26.0	26.4	26.6	26.9	27.5	27.8	27.8	28.4	28.4	28.9	29.4
25.8	26.8	27.2	27.9	28.4	28.6	28.9	29.2	29.4	30.1	30.3	30.3	31.0	31.0	31.5	32.0
26.1	27.2	27.5	28.3	28.8	28.9	29.3	29.6	29.8	30.5	30.7	30.7	31.3	31.3	31.9	32.4
27.3	28.3	28.9	29.7	30.2	30.3	30.7	31.0	31.2	31.9	32.1	32.1	32.7	32.7	33.2	33.8
27.7	28.7	29.3	30.1	30.6	30.7	31.1	31.3	31.6	32.2	32.5	32.5	33.1	33.1	33.6	34.1
29.3	30.5	31.2	32.0	32.5	32.6	33.0	33.2	33.5	34.1	34.4	34.4	35.0	35.0	35.5	36.2
30.8	32.1	33.0	33.8	34.3	34.4	34.9	35.3	35.5	36.2	36.7	36.7	37.3	37.4	38.2	38.8
32.2	33.5	34.4	35.2	35.7	35.9	36.5	36.9	37.2	37.9	38.5	38.5	39.1	39.2	40.0	40.6
34.1	35.5	36.4	37.2	37.7	37.9	38.6	39.0	39.2	40.0	40.5	40.5	41.1	41.2	42.0	42.6
35.0	36.8	37.9	38.8	39.6	40.0	40.6	41.2	41.5	42.3	42.8	42.8	43.4	43.5	44.3	44.9
35.8	37.7	38.8	39.7	40.5	40.9	41.6	42.4	42.6	43.4	43.9	43.9	44.5	44.7	45.4	46.1
37.1	39.1	40.2	41.4	42.1	42.5	43.4	44.4	44.7	45.4	45.9	45.9	46.6	46.7	47.5	48.1
37.7	39.7	40.9	42.0	42.8	43.1	44.0	45.1	45.3	46.1	46.6	46.6	47.2	47.3	48.1	48.7
37.8	40.2	41.5	42.9	43.9	44.3	45.6	46.6	46.8	47.6	48.1	48.1	48.7	48.9	49.6	50.3
38.3	41.0	42.4	44.2	45.2	45.6	46.8	47.8	48.1	48.9	49.4	49.4	50.0	50.1	50.9	51.5
39.2	42.0	43.8	45.9	47.2	47.6	49.2	50.4	50.6	51.4	51.9	51.9	52.5	52.7	53.4	54.1
39.7	42.9	44.9	47.2	48.6	49.0	50.9	52.0	52.4	53.2	53.7	53.7	54.4	54.6	55.3	56.0
39.8	43.4	45.6	48.4	50.1	50.5	52.4	54.1	54.4	55.5	56.1	56.1	56.9	57.0	57.7	58.5
40.9	44.5	46.8	49.9	51.6	52.2	54.1	55.7	56.2	57.2	58.0	58.1	58.9	59.1	60.4	61.7
42.3	45.9	48.2	51.4	53.4	53.9	56.1	58.4	58.9	60.0	61.0	61.3	62.4	62.8	64.6	65.9
42.8	46.6	49.0	52.8	55.1	55.8	58.6	61.3	62.2	63.7	65.1	65.4	67.4	67.9	70.4	72.6
43.0	47.2	49.7	53.6	55.8	56.7	60.4	63.7	65.1	67.0	69.8	70.1	73.7	74.7	78.7	85.2
43.0	47.2	49.7	53.6	55.8	56.7	60.4	63.7	65.1	67.0	69.8	70.1	74.1	75.1	79.7	95.9
43.0	47.2	49.7	53.6	55.8	56.7	60.4	63.7	65.1	67.0	69.8	70.1	74.1	75.3	79.9	100.0

TOTAL NUMBER OF OBSERVATIONS 788

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7_117C TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS 0900-1100

21.1	22.5	22.7	23.1	23.7	23.7	24.2	24.4	24.5	24.6	24.9	24.9	24.9	24.9	24.9	25.0
22.2	23.6	23.9	24.2	24.9	24.9	25.4	25.5	25.6	25.8	26.0	26.0	26.0	26.0	26.0	26.1
23.2	24.6	24.9	25.3	25.9	25.9	26.4	26.5	26.6	26.8	27.0	27.0	27.0	27.0	27.0	27.1
23.5	24.9	25.1	25.5	26.1	26.1	26.6	26.8	26.9	27.0	27.3	27.3	27.3	27.3	27.3	27.4
23.7	25.1	25.4	25.8	26.4	26.4	26.9	27.0	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.7
23.7	25.1	25.4	25.8	26.4	26.4	26.9	27.0	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.7
24.2	25.6	25.9	26.3	26.9	26.9	27.4	27.5	27.7	27.8	28.0	28.0	28.0	28.0	28.0	28.2
24.9	26.3	26.5	26.9	27.5	27.5	28.0	28.2	28.3	28.4	28.7	28.7	28.7	28.7	28.7	28.8
26.6	28.0	28.3	28.7	29.3	29.3	29.8	30.2	30.3	30.4	30.7	30.7	30.8	30.8	30.9	31.1
28.8	30.2	30.9	31.3	31.9	31.9	32.4	32.8	33.0	33.1	33.3	33.3	33.5	33.5	33.6	33.7
29.4	30.9	31.7	32.1	32.7	32.7	33.2	33.6	33.7	33.8	34.1	34.1	34.2	34.2	34.3	34.5
30.9	32.4	33.2	33.6	34.2	34.2	34.7	35.1	35.2	35.4	35.6	35.6	35.7	35.7	35.9	36.0
31.1	32.7	33.6	34.1	34.7	34.7	35.2	35.6	35.7	35.9	36.1	36.1	36.2	36.2	36.4	36.5
32.4	34.1	35.1	35.7	36.5	36.5	37.0	37.4	37.5	37.6	37.9	37.9	38.1	38.1	38.3	38.4
34.1	36.0	37.0	37.6	38.4	38.5	39.3	39.6	39.8	39.9	40.3	40.3	40.8	41.0	41.2	41.3
35.1	37.0	38.3	38.9	39.8	39.9	40.7	41.0	41.2	41.4	41.9	41.9	42.4	42.7	42.8	42.9
36.0	38.4	39.9	40.5	41.4	41.7	42.4	42.8	42.9	43.2	43.7	43.7	44.2	44.4	44.6	44.7
38.5	41.9	43.8	44.4	45.5	45.7	46.5	46.8	47.1	47.3	47.9	47.9	48.4	48.6	48.7	48.9
38.9	42.3	44.2	44.8	45.8	46.1	46.8	47.2	47.5	47.7	48.2	48.2	48.7	49.0	49.1	49.2
40.5	44.1	46.0	46.6	47.6	47.9	48.6	49.0	49.2	49.5	50.0	50.0	50.5	50.8	50.9	51.0
40.9	44.4	46.3	47.0	48.0	48.2	49.0	49.4	49.6	49.9	50.4	50.4	50.9	51.1	51.3	51.5
41.7	46.0	48.0	48.6	49.6	49.9	51.0	51.4	51.6	51.9	52.4	52.4	52.9	53.2	53.3	53.5
42.4	46.7	49.1	49.7	50.8	51.0	52.1	52.7	52.9	53.2	53.7	53.7	54.2	54.4	54.7	54.9
43.3	47.9	50.3	51.4	52.7	53.0	54.2	54.9	55.2	55.4	55.9	55.9	56.4	56.7	56.9	57.2
44.3	49.0	51.6	52.9	54.2	54.5	55.7	56.4	56.7	56.9	57.4	57.4	58.0	58.2	58.5	58.7
45.2	50.1	52.9	54.5	55.9	56.3	57.7	58.5	58.7	59.1	59.7	59.7	60.2	60.5	60.7	61.0
46.1	51.5	54.3	55.9	57.3	58.0	59.3	60.4	60.9	61.2	62.0	62.0	62.6	63.0	63.3	63.5
47.2	53.3	56.4	58.5	60.5	61.1	62.6	64.1	64.8	65.4	66.5	66.5	67.6	68.1	68.6	68.8
47.3	53.7	57.3	59.6	62.2	63.3	64.8	66.5	67.4	68.7	71.0	71.0	73.4	74.1	76.0	77.3
47.3	53.8	57.4	60.0	62.9	64.4	66.3	68.3	69.4	71.1	73.7	73.9	77.0	78.2	81.4	87.4
47.3	53.8	57.4	60.0	62.9	64.4	66.3	68.4	69.6	71.2	74.0	74.1	77.8	79.0	83.6	97.9
47.3	53.8	57.4	60.0	62.9	64.4	66.3	68.4	69.6	71.2	74.0	74.1	77.8	79.0	83.6	100.0

TOTAL NUMBER OF OBSERVATIONS 792

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 1200-1400

22.5	23.8	24.0	24.6	25.3	25.3	25.4	25.6	25.6	25.7	25.7	25.7	26.1	26.1	26.2	26.3
24.3	26.0	26.2	26.7	27.5	27.6	27.9	28.1	28.1	28.3	28.3	28.3	28.6	28.6	28.8	26.9
26.1	27.7	28.0	28.6	29.4	29.5	29.8	30.1	30.1	30.2	30.2	30.2	30.6	30.6	30.7	30.8
26.2	27.9	28.1	28.8	29.5	29.7	29.9	30.2	30.2	30.3	30.3	30.3	30.7	30.7	30.8	30.9
26.9	29.0	29.3	29.9	30.7	30.8	31.1	31.3	31.3	31.5	31.5	31.5	31.8	31.8	32.0	32.1
27.0	29.2	29.4	30.1	30.8	30.9	31.2	31.5	31.5	31.6	31.6	31.6	32.0	32.0	32.1	32.2
27.4	29.5	29.8	30.4	31.2	31.3	31.6	31.8	31.8	32.0	32.0	32.0	32.4	32.4	32.5	32.6
27.9	30.1	30.3	30.9	31.7	31.8	32.1	32.5	32.5	32.6	32.6	32.6	33.0	33.0	33.1	33.2
28.5	30.8	31.2	31.8	32.7	33.0	33.2	33.8	33.8	33.9	33.9	33.9	34.3	34.3	34.4	34.5
30.4	32.7	33.1	33.8	34.7	34.9	35.2	35.7	35.7	35.8	35.8	35.9	36.3	36.3	36.4	36.6
30.4	32.7	33.1	33.8	34.7	34.9	35.2	35.7	35.7	35.8	35.8	35.9	36.3	36.3	36.4	36.6
31.7	34.0	34.4	35.0	35.9	36.2	36.4	37.0	37.0	37.1	37.1	37.2	37.6	37.6	37.7	37.9
31.8	34.1	34.5	35.2	36.1	36.3	36.6	37.1	37.1	37.2	37.2	37.3	37.7	37.7	37.9	38.0
33.4	35.7	36.1	36.7	37.6	37.9	38.1	38.6	38.6	38.7	38.7	38.9	39.4	39.5	39.6	39.8
34.5	37.5	37.9	38.5	39.5	39.8	40.0	40.7	40.7	40.8	40.8	40.9	41.4	41.6	41.7	41.8
35.9	38.9	39.3	40.3	41.4	41.7	41.9	42.7	42.7	42.8	42.8	43.0	43.5	43.6	43.7	43.9
37.3	40.7	41.2	42.2	43.4	43.6	43.9	44.6	44.6	44.8	44.8	44.9	45.4	45.5	45.7	45.8
39.8	43.5	44.0	45.1	46.3	46.5	46.8	47.6	47.6	47.7	47.7	47.8	48.3	48.5	49.6	48.7
41.0	44.8	45.4	46.8	48.0	48.2	48.5	49.2	49.2	49.4	49.4	49.5	50.0	50.1	50.3	50.4
42.5	46.3	46.9	48.3	49.6	50.1	50.4	51.2	51.2	51.3	51.3	51.4	51.9	52.0	52.2	52.3
43.7	47.6	48.2	49.6	50.9	51.8	52.0	52.8	52.8	52.9	53.1	53.2	53.7	53.8	54.1	54.2
44.5	48.7	49.4	50.8	52.2	53.3	53.6	54.3	54.3	54.5	54.6	54.7	55.2	55.4	55.8	55.9
45.4	49.9	51.0	52.6	54.2	55.4	55.6	56.4	56.4	56.5	56.6	56.8	57.3	57.4	57.8	57.9
45.9	50.8	52.3	53.8	55.6	57.3	57.5	58.3	58.3	58.4	58.6	58.7	59.3	59.5	59.8	60.0
46.9	52.0	53.6	55.2	57.2	58.8	59.1	59.8	59.8	60.0	60.1	60.2	60.9	61.0	61.4	61.5
47.6	53.5	55.1	56.6	59.2	60.9	61.3	62.0	62.1	62.5	62.7	62.8	63.4	63.6	63.9	64.1
47.8	53.7	55.4	57.0	59.5	61.1	61.5	62.3	62.4	62.8	62.9	63.0	63.7	63.8	64.2	64.3
48.8	55.4	57.5	59.3	62.1	63.8	64.3	65.1	65.2	65.6	65.7	65.9	66.8	66.9	67.6	68.2
49.1	56.1	58.3	60.2	63.3	65.3	66.2	67.9	68.3	68.9	69.7	70.1	71.7	71.9	73.3	74.4
49.5	56.8	59.2	61.3	65.6	68.0	69.6	71.4	71.7	72.8	74.2	74.7	78.0	78.4	81.2	86.1
49.5	56.8	59.2	61.3	65.7	68.2	69.8	71.6	72.1	73.1	74.8	75.3	79.0	79.8	84.5	97.1
49.5	56.8	59.2	61.3	65.7	68.2	69.8	71.6	72.1	73.1	74.8	75.3	79.0	79.8	84.7	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

23.6	24.1	24.6	24.7	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	26.5	26.5	26.5	26.6
24.3	24.7	25.4	25.7	26.6	26.8	26.9	26.9	26.9	26.9	26.9	26.9	28.0	28.0	28.0	26.3
25.5	26.0	26.6	26.9	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	29.3	29.3	29.3	29.6
25.5	26.0	26.6	26.9	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	29.3	29.3	29.3	29.6
25.5	26.0	26.6	26.9	27.9	28.0	28.2	28.2	28.2	28.2	28.2	28.2	29.3	29.3	29.4	29.8
25.8	26.3	26.9	27.2	28.2	28.3	28.5	28.5	28.5	28.5	28.5	28.5	29.6	29.6	29.8	30.1
26.3	26.8	27.4	27.7	28.7	28.8	29.0	29.0	29.0	29.0	29.0	29.0	30.1	30.1	30.2	30.6
26.5	27.1	27.7	28.0	29.0	29.3	29.4	29.4	29.4	29.4	29.4	29.4	30.6	30.6	30.7	31.0
27.9	28.7	29.3	29.6	30.9	31.2	31.3	31.3	31.3	31.3	31.3	31.3	32.4	32.4	32.6	32.9
29.1	29.9	30.6	31.0	32.3	32.6	32.8	32.8	32.8	32.8	32.8	32.8	33.9	33.9	34.0	34.3
29.8	30.6	31.2	31.7	32.9	33.2	33.5	33.5	33.5	33.5	33.5	33.5	34.6	34.6	34.8	35.1
31.3	32.1	32.8	33.2	34.5	34.8	35.1	35.1	35.1	35.1	35.1	35.1	36.2	36.2	36.4	36.7
31.5	32.3	32.9	33.4	34.6	35.0	35.3	35.3	35.3	35.3	35.3	35.3	36.4	36.4	36.5	36.9
33.2	34.0	34.6	35.1	36.4	36.7	37.0	37.0	37.0	37.0	37.0	37.0	38.1	38.1	38.3	38.6
35.4	36.7	37.3	37.8	39.2	39.5	39.8	39.8	39.8	39.8	39.8	39.8	40.9	40.9	41.1	41.4
36.4	37.8	38.4	39.1	40.5	40.8	41.1	41.1	41.1	41.1	41.1	41.1	42.2	42.2	42.4	42.7
38.1	39.5	40.2	40.8	42.2	42.7	43.1	43.1	43.1	43.1	43.1	43.1	44.4	44.4	44.6	44.9
40.9	42.8	43.6	44.3	45.7	46.1	46.8	46.8	46.8	46.8	46.8	46.8	48.0	48.0	48.2	46.5
42.2	44.3	45.4	46.0	47.4	48.0	48.7	48.7	48.7	48.7	48.7	48.7	49.9	49.9	50.1	50.4
44.4	46.5	47.6	48.2	49.6	50.4	51.2	51.2	51.2	51.2	51.2	51.2	52.4	52.4	52.6	52.9
45.4	47.7	48.8	49.4	50.9	51.8	52.6	52.6	52.6	52.6	52.6	52.6	53.9	53.9	54.0	54.3
46.9	49.9	51.0	51.8	53.2	54.2	55.0	55.0	55.0	55.0	55.0	55.0	56.2	56.2	56.4	56.7
47.9	51.2	52.6	53.4	54.8	55.7	56.5	56.7	56.7	56.7	56.7	56.7	58.0	58.0	58.1	58.4
48.2	51.8	53.2	54.3	56.1	57.0	57.8	58.0	58.0	58.0	58.0	58.0	59.2	59.2	59.4	59.7
49.0	53.1	54.5	55.6	57.5	58.4	59.2	59.4	59.4	59.4	59.4	59.4	60.6	60.6	60.8	61.1
49.1	53.9	55.6	56.7	59.1	60.0	60.9	61.1	61.1	61.9	61.9	61.9	63.1	63.1	63.3	63.6
49.8	55.3	57.3	58.6	60.9	61.9	63.0	63.1	63.3	64.1	64.3	64.3	65.5	65.5	65.7	66.0
50.6	56.7	59.1	60.3	62.7	63.8	65.4	65.8	66.0	66.8	67.4	67.4	68.8	68.8	69.0	70.1
52.0	58.7	61.6	62.8	66.0	67.2	69.4	70.6	70.9	72.0	73.2	73.5	75.9	75.9	76.7	77.8
52.1	59.1	62.0	63.9	67.4	68.7	70.9	73.4	73.9	75.3	77.3	77.8	81.6	81.6	83.6	88.0
52.1	59.1	62.0	63.9	67.4	68.8	71.2	73.7	74.2	75.7	78.0	78.4	83.1	83.3	86.1	96.9
52.1	59.1	62.0	63.9	67.4	68.8	71.2	73.7	74.2	75.7	78.0	78.4	83.3	83.5	86.3	100.0

TOTAL NUMBER OF OBSERVATIONS 635

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7-1170 TIN CITY AFS AK 73-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

24.9	25.8	26.6	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.4	27.4	28.4	28.4	28.6	28.6
25.4	26.4	27.4	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.4	28.4	29.5	29.5	29.7	29.7
26.0	27.0	28.0	28.4	28.6	28.6	28.6	28.6	28.6	28.6	29.0	29.0	30.1	30.1	30.3	30.3
26.2	27.2	28.2	28.6	28.8	28.8	28.8	28.8	28.8	28.8	29.2	29.2	30.3	30.3	30.5	30.5
26.6	27.6	28.6	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.5	29.5	30.7	30.7	30.9	30.9
27.0	28.0	29.0	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.9	29.9	31.1	31.1	31.3	31.3
27.2	28.2	29.2	29.5	29.7	29.7	29.7	29.7	29.7	29.7	30.1	30.1	31.3	31.3	31.5	31.5
27.6	28.6	29.5	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.5	30.5	31.7	31.7	31.9	31.9
27.6	29.0	29.9	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.9	30.9	32.1	32.1	32.5	32.5
28.6	30.1	31.1	31.5	31.7	31.7	31.7	31.7	31.7	31.7	32.1	32.1	33.3	33.3	33.7	33.7
29.2	30.7	31.7	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.7	32.7	33.9	33.9	34.2	34.2
29.9	31.5	32.5	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.7	33.7	34.8	34.8	35.2	35.2
29.9	31.5	32.5	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.7	33.7	34.8	34.8	35.4	35.4
32.1	33.7	34.8	35.4	35.6	35.6	35.6	35.6	35.6	35.6	36.2	36.2	37.4	37.4	38.0	38.0
34.4	36.4	37.6	38.4	38.9	38.9	38.9	38.9	38.9	38.9	39.5	39.5	40.7	40.7	41.3	41.3
35.6	37.6	38.7	39.5	40.3	40.3	40.3	40.3	40.3	40.3	40.9	40.9	42.1	42.1	42.7	42.7
38.6	40.9	42.1	43.1	43.8	43.8	43.8	43.8	43.8	43.8	44.6	44.6	46.0	46.0	46.6	46.6
40.1	42.5	44.0	45.4	46.2	46.6	46.8	46.8	46.8	46.8	47.6	47.6	48.9	48.9	49.5	49.5
41.3	43.6	45.2	46.8	47.6	47.9	48.1	48.3	48.3	48.3	49.1	49.1	50.5	50.5	51.1	51.1
44.0	46.4	47.9	49.7	50.5	50.9	51.3	51.5	51.5	51.7	52.4	52.4	53.8	53.8	54.4	54.4
44.6	47.0	48.5	50.3	51.1	51.5	51.9	52.1	52.1	52.3	53.2	53.2	54.6	54.6	55.2	55.2
46.2	48.7	50.5	52.4	53.4	53.8	54.2	54.4	54.4	54.6	55.6	55.6	56.9	56.9	57.5	57.5
47.6	50.3	52.1	54.2	55.4	55.8	56.2	56.4	56.4	56.6	57.5	57.5	58.9	58.9	59.9	59.9
49.1	52.1	54.0	56.4	58.1	58.7	59.1	59.3	59.3	59.5	60.5	60.5	61.8	61.8	62.8	62.8
49.9	53.2	55.2	57.7	59.7	60.3	61.1	61.3	61.3	61.4	62.4	62.4	63.8	63.8	64.8	64.8
51.5	55.2	57.3	60.1	62.2	62.8	63.6	63.8	63.8	64.2	65.2	65.2	66.5	66.5	67.5	67.5
51.5	55.2	57.5	60.3	62.4	63.0	64.0	64.2	64.4	64.8	65.8	65.8	67.1	67.1	68.1	68.5
52.8	57.3	59.9	62.8	65.4	66.7	68.3	68.7	69.1	69.5	70.6	70.6	72.0	72.2	73.8	74.2
53.4	59.3	61.8	65.0	67.9	69.7	71.4	72.0	72.4	72.8	74.2	74.2	75.9	76.1	77.7	78.1
53.4	59.7	62.4	65.9	69.1	71.0	73.0	74.4	74.8	75.5	76.9	77.1	80.0	80.2	84.1	87.1
53.4	59.7	62.4	65.9	69.1	71.0	73.0	74.4	74.8	75.5	77.1	77.3	80.6	81.0	87.5	96.1
53.4	59.7	62.4	65.9	69.1	71.0	73.0	74.4	74.8	75.5	77.1	77.3	80.6	81.0	87.5	100.0

TOTAL NUMBER OF OBSERVATIONS 511

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 74-81 JUN

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATION 2100-2300

22.5	23.9	24.8	24.9	24.9	24.9	25.4	25.4	25.6	25.6	26.2	26.2	26.9	26.9	27.0	27.4
23.0	24.4	25.2	25.4	25.4	25.4	25.9	25.9	26.1	26.1	27.2	27.2	27.9	27.9	28.0	28.4
23.9	25.4	26.2	26.4	26.4	26.4	26.9	26.9	27.0	27.0	28.2	28.2	28.9	28.9	29.0	29.3
24.3	25.7	26.6	26.7	26.7	26.7	27.2	27.2	27.4	27.4	28.5	28.5	29.2	29.2	29.3	29.7
24.6	26.1	26.9	27.0	27.0	27.0	27.5	27.5	27.7	27.7	28.9	28.9	29.5	29.5	29.7	30.0
25.6	27.0	27.9	28.0	28.0	28.0	28.5	28.5	28.7	28.7	29.8	29.8	30.5	30.5	30.7	31.0
25.7	27.2	28.0	28.2	28.2	28.2	28.7	28.7	28.9	28.9	30.0	30.0	30.7	30.7	30.8	31.1
26.6	28.0	28.9	29.0	29.0	29.0	29.5	29.5	29.7	29.7	30.8	30.6	31.5	31.5	31.6	32.0
27.5	29.0	29.8	30.0	30.0	30.0	30.5	30.5	30.7	30.7	31.8	31.8	32.5	32.5	33.0	33.3
29.0	30.7	31.5	31.6	31.8	31.8	32.3	32.3	32.5	32.5	33.6	33.6	34.3	34.3	34.8	35.1
29.3	31.0	31.8	32.0	32.1	32.1	32.6	32.6	32.8	32.8	33.9	33.9	34.6	34.6	35.1	35.4
29.3	31.0	31.8	32.0	32.1	32.1	32.6	32.6	32.8	32.8	34.1	34.1	34.8	34.8	35.2	35.6
29.7	31.3	32.1	32.3	32.5	32.5	33.0	33.0	33.1	33.1	34.4	34.4	35.1	35.1	35.6	35.9
33.1	34.8	35.6	35.9	36.2	36.2	36.7	36.7	36.9	36.9	38.2	38.2	38.9	38.9	39.3	39.7
35.7	38.0	38.9	39.2	39.7	39.7	40.2	40.2	40.3	40.3	41.6	41.6	42.3	42.3	42.8	43.1
36.9	39.2	40.0	40.5	41.1	41.1	41.6	41.6	41.8	41.8	43.1	43.1	43.8	43.8	44.3	44.6
38.7	41.1	42.1	42.6	43.3	43.3	43.8	43.8	43.9	43.9	45.2	45.2	45.9	45.9	46.4	46.7
39.7	42.3	43.3	43.8	44.6	44.6	45.2	45.2	45.4	45.4	46.7	46.7	47.4	47.4	47.9	48.2
40.0	42.6	43.6	44.1	45.4	45.4	46.1	46.1	46.2	46.2	47.5	47.5	48.2	48.2	48.7	49.0
40.8	43.9	44.9	45.4	47.4	47.4	48.2	48.2	48.4	48.4	49.7	49.7	50.3	50.3	50.8	51.1
41.0	44.1	45.1	45.6	47.5	47.5	48.4	48.4	48.5	48.5	49.8	49.8	50.5	50.5	51.0	51.3
41.5	44.6	45.6	46.1	49.0	49.0	50.0	50.0	50.2	50.2	51.5	51.5	52.1	52.1	52.6	53.0
42.0	45.2	46.4	47.2	50.2	50.2	51.1	51.1	51.3	51.3	52.6	52.6	53.3	53.3	53.8	54.1
42.6	46.4	48.2	49.2	52.8	52.8	53.8	53.8	53.9	53.9	55.2	55.2	55.9	55.9	56.4	56.7
43.4	47.7	49.5	50.7	54.9	54.9	55.9	56.1	56.2	56.2	57.5	57.5	58.2	58.2	58.7	59.0
45.6	50.2	52.1	53.3	57.5	57.5	58.7	58.9	59.2	59.5	60.8	60.8	61.6	61.6	62.5	62.8
46.4	51.0	53.0	54.3	58.5	58.5	59.7	60.0	60.3	60.7	62.0	62.1	63.0	63.0	63.9	64.9
47.5	52.3	54.4	56.1	60.3	60.5	62.5	62.8	63.3	63.6	64.9	65.1	65.9	65.9	67.0	68.2
48.5	53.8	55.9	57.7	62.1	62.5	64.8	65.1	65.7	66.7	68.5	68.7	69.8	69.8	71.3	73.0
48.5	53.8	56.1	58.0	63.1	63.4	66.1	66.9	67.7	69.2	71.1	71.3	73.1	73.3	77.7	85.2
48.5	53.8	56.1	58.2	63.3	63.6	66.2	67.0	67.9	69.7	71.6	71.8	74.1	74.4	80.8	94.6
48.5	53.8	56.1	58.2	63.3	63.6	66.2	67.0	67.9	69.7	71.6	71.8	74.1	74.4	81.0	100.0

TOTAL NUMBER OF OBSERVATIONS 610

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 JUN

ALL

21.6	23.0	23.4	23.7	24.1	24.2	24.4	24.6	24.7	24.8	25.1	25.1	25.6	25.6	25.7	26.[illegible]
22.7	24.0	24.4	24.8	25.3	25.4	25.7	25.9	26.0	26.2	26.6	26.6	27.0	27.0	27.2	27.5
23.6	24.9	25.3	25.7	26.7	26.3	26.6	26.8	26.9	27.1	27.5	27.5	28.0	28.0	28.1	28.5
23.7	25.1	25.5	25.9	26.4	26.5	26.8	27.0	27.1	27.3	27.7	27.7	28.2	28.2	28.3	28.6
24.0	25.4	25.8	26.2	26.7	26.8	27.2	27.4	27.5	27.7	28.1	28.1	28.6	28.6	28.7	29.1
24.2	25.6	26.1	26.5	27.0	27.1	27.4	27.6	27.7	27.9	28.3	28.3	28.8	28.8	28.9	29.3
24.4	25.9	26.3	26.7	27.2	27.3	27.6	27.8	27.9	28.1	28.5	28.5	29.0	29.0	29.2	29.5
24.9	26.3	26.8	27.1	27.7	27.8	28.1	28.3	28.4	28.7	29.1	29.1	29.6	29.6	29.8	30.1
26.3	27.9	28.3	28.7	29.3	29.4	29.7	30.0	30.1	30.4	30.6	30.8	31.3	31.3	31.6	32.0
27.9	29.5	30.1	30.5	31.1	31.2	31.6	31.8	31.9	32.2	32.6	32.6	33.2	33.2	33.5	33.9
28.2	29.9	30.4	30.9	31.4	31.6	31.9	32.2	32.3	32.5	33.0	33.0	33.6	33.6	33.9	34.3
29.2	30.9	31.4	31.9	32.5	32.6	33.0	33.3	33.4	33.6	34.1	34.2	34.7	34.7	35.0	35.4
29.4	31.1	31.7	32.2	32.8	32.9	33.2	33.5	33.6	33.9	34.4	34.4	35.0	35.0	35.3	35.7
31.5	33.2	33.8	34.3	35.0	35.1	35.5	35.7	35.9	36.1	36.6	36.6	37.3	37.3	37.6	38.0
33.3	35.4	36.1	36.6	37.4	37.6	38.0	38.3	38.4	38.6	39.2	39.2	39.9	40.0	40.3	40.7
34.5	36.6	37.4	38.0	38.9	39.1	39.5	39.8	39.9	40.2	40.8	40.8	41.5	41.6	41.9	42.3
36.0	38.4	39.2	39.8	40.7	41.0	41.4	41.7	41.8	42.1	42.7	42.8	43.5	43.6	43.9	44.3
37.7	40.4	41.4	42.1	43.1	43.4	43.9	44.3	44.4	44.7	45.3	45.3	46.1	46.1	46.5	46.9
38.4	41.2	42.2	43.0	44.1	44.4	44.9	45.3	45.5	45.8	46.4	46.4	47.1	47.2	47.5	47.9
39.9	42.9	44.[illegible]	44.8	46.1	46.5	47.1	47.6	47.8	48.1	48.7	48.7	49.4	49.5	49.8	50.2
40.4	43.5	44.6	45.4	46.7	47.2	47.8	48.3	48.5	48.8	49.4	49.4	50.2	50.2	50.6	51.0
41.3	44.7	45.9	46.8	48.4	48.8	49.7	50.2	50.3	50.6	51.3	51.3	52.0	52.1	52.5	52.9
42.0	45.6	46.9	48.1	49.7	50.2	51.0	51.5	51.7	52.0	52.7	52.7	53.4	53.5	53.9	54.3
42.8	46.7	48.3	49.7	51.6	52.2	53.2	53.8	53.9	54.2	54.9	54.9	55.7	55.8	56.2	56.6
43.5	47.8	49.5	51.2	53.3	53.9	55.0	55.6	55.8	56.1	56.8	56.9	57.6	57.7	58.2	58.6
44.4	49.2	51.1	52.9	55.3	55.9	57.1	57.9	58.1	58.7	59.4	59.5	60.4	60.5	61.1	61.5
44.9	50.0	51.9	53.8	56.3	57.0	58.2	59.1	59.4	60.1	60.9	61.0	62.0	62.2	62.9	63.6
46.0	51.4	53.6	55.6	58.3	59.1	60.8	62.0	62.4	63.1	64.1	64.3	65.6	65.7	66.8	67.6
46.6	52.5	54.8	57.1	60.1	61.2	63.2	64.9	65.4	66.5	68.0	68.2	70.5	70.7	72.3	73.7
46.7	53.0	55.5	57.9	61.6	62.8	65.3	67.5	68.2	69.6	71.8	72.1	75.6	76.1	79.7	85.4
46.7	53.0	55.5	58.0	61.6	62.9	65.5	67.7	68.4	69.9	72.2	72.5	76.5	77.2	82.4	96.0
46.7	53.0	55.5	58.0	61.6	62.9	65.5	67.7	68.4	69.9	72.2	72.5	76.5	77.3	82.5	100.0

TOTAL NUMBER OF OBSERVATIONS 5659

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 3170 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATION

16.7	16.2	18.5	19.0	19.3	19.3	19.3	19.3	19.3	19.3	19.8	19.8	19.9	19.9	21.0	22.8
18.8	20.4	21.7	21.6	21.8	21.8	21.8	21.8	21.8	21.8	22.3	22.3	22.4	22.4	23.6	25.4
19.0	20.7	20.9	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.6	22.6	22.7	22.7	23.9	25.6
19.6	21.3	21.6	22.4	22.7	22.7	22.7	22.7	22.7	22.7	23.2	23.2	23.3	23.3	24.5	26.4
19.9	21.6	21.8	22.7	23.0	23.0	23.0	23.0	23.0	23.0	23.5	23.5	23.6	23.6	24.7	26.7
20.5	22.2	22.4	23.3	23.6	23.6	23.6	23.6	23.6	23.6	24.1	24.1	24.2	24.2	25.4	27.3
21.3	23.0	23.2	24.1	24.4	24.4	24.4	24.4	24.4	24.4	24.9	24.9	25.0	25.0	26.1	28.1
22.2	23.9	24.1	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.8	25.8	25.9	25.9	27.0	29.0
23.6	25.3	25.5	26.4	26.7	26.7	26.7	26.7	26.7	26.7	27.2	27.2	27.3	27.3	28.4	30.4
25.0	26.7	26.9	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.6	28.6	28.7	28.7	29.8	31.8
27.0	28.7	29.0	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.6	30.6	30.7	30.7	31.9	33.8
27.2	29.1	29.3	30.2	30.5	30.5	30.5	30.5	30.5	30.5	31.0	31.0	31.1	31.1	32.3	34.2
27.6	29.5	29.7	30.6	30.9	30.9	30.9	30.9	30.9	30.9	31.4	31.4	31.5	31.5	32.7	34.6
28.1	31.4	31.6	32.5	32.9	32.9	32.9	32.9	32.9	32.9	33.4	33.4	33.5	33.5	34.7	36.6
29.2	32.7	32.9	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.7	34.7	34.8	34.8	36.0	37.9
30.4	34.4	34.7	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.5	36.5	36.6	36.6	37.9	39.8
31.3	35.7	36.0	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.8	37.8	37.9	37.9	39.2	41.1
31.9	36.5	37.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.9	38.9	39.0	39.0	40.3	42.2
32.1	36.7	37.2	38.3	38.6	38.6	38.6	38.6	38.6	38.6	39.2	39.2	39.3	39.3	40.6	42.5
32.5	37.1	37.6	38.6	39.0	39.0	39.2	39.2	39.2	39.2	39.7	39.7	39.8	39.8	41.1	43.1
33.0	37.6	38.1	39.2	39.5	39.5	39.7	39.7	39.7	39.7	40.2	40.2	40.3	40.3	41.6	43.6
33.9	38.6	39.3	40.3	40.7	40.7	40.8	40.8	40.8	40.8	41.3	41.3	41.5	41.5	42.7	44.9
34.6	39.3	40.2	41.3	41.7	41.7	41.8	41.8	41.8	41.8	42.3	42.3	42.5	42.5	43.8	45.9
35.6	41.7	42.7	43.9	44.3	44.3	44.4	44.4	44.4	44.4	44.9	44.9	45.0	45.0	46.7	48.6
36.4	43.2	44.5	45.7	46.4	46.4	46.6	46.6	46.6	46.6	47.1	47.1	47.2	47.2	48.5	50.8
36.5	44.3	45.8	47.4	48.5	48.6	49.0	49.0	49.0	49.0	49.5	49.5	50.0	50.0	51.3	53.6
36.7	45.3	47.2	49.0	50.3	50.4	51.0	51.0	51.1	51.3	51.8	51.8	52.3	52.4	53.8	56.4
37.1	46.8	48.9	51.0	52.9	53.1	54.1	54.2	54.3	54.5	35.2	55.2	55.7	55.9	57.3	60.2
37.2	47.8	49.9	52.7	55.4	55.7	57.1	57.5	58.5	59.3	61.0	61.2	62.4	62.8	64.4	67.9
37.2	48.0	50.3	53.3	56.4	57.4	60.6	62.0	63.6	64.9	67.9	68.6	71.6	72.1	75.6	83.2
37.2	48.0	50.3	53.3	56.5	57.5	60.7	62.1	64.0	65.6	69.4	70.4	74.4	74.9	80.2	94.1
37.2	48.0	50.3	53.3	56.5	57.5	60.7	62.1	64.0	65.6	69.4	70.4	74.6	75.1	80.7	100.0

TOTAL NUMBER OF OBSERVATIONS 794

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0600
FROM HOURLY OBSERVATIONS

17.5	18.2	18.3	18.7	18.9	18.9	18.9	18.9	18.9	16.9	19.7	19.7	19.8	19.8	20.0	20.5
18.3	19.2	19.4	19.8	20.0	20.3	20.3	20.3	20.3	20.3	21.0	21.0	21.3	21.3	21.9	22.9
19.0	19.9	20.1	20.5	20.8	21.1	21.1	21.1	21.1	21.1	21.9	21.9	22.1	22.1	22.9	23.9
19.2	20.0	20.4	20.8	21.0	21.4	21.4	21.4	21.5	21.5	22.5	22.5	22.8	22.8	23.5	24.6
19.3	20.3	20.6	21.0	21.3	21.6	21.6	21.6	21.8	21.8	22.8	22.8	23.0	23.0	23.8	24.9
19.7	20.8	21.1	21.5	21.8	22.1	22.1	22.1	22.3	22.3	23.3	23.3	23.5	23.5	24.3	25.4
21.0	22.6	23.0	23.4	23.6	24.0	24.0	24.0	24.1	24.1	25.1	25.1	25.4	25.4	26.1	27.2
22.3	23.9	24.3	24.6	24.9	25.2	25.2	25.2	25.4	25.4	26.4	26.4	26.6	26.6	27.4	28.5
24.9	26.5	26.9	27.2	27.5	27.9	27.9	27.9	28.0	28.0	29.0	29.0	29.2	29.2	30.0	31.1
26.9	28.5	28.9	29.2	29.5	29.9	29.9	30.0	30.1	30.1	31.1	31.1	31.3	31.3	32.1	33.2
27.6	29.2	29.6	30.0	30.2	30.6	30.6	30.7	30.8	30.8	31.8	31.8	32.1	32.1	32.8	34.0
27.7	29.4	29.7	30.1	30.3	30.7	30.7	30.8	31.0	31.0	32.0	32.0	32.2	32.2	33.0	34.1
28.0	29.6	30.0	30.3	30.6	31.0	31.0	31.1	31.2	31.2	32.2	32.2	32.5	32.5	33.2	34.3
29.0	31.3	31.7	32.2	32.5	32.8	32.8	33.0	33.1	33.1	34.1	34.1	34.3	34.3	35.1	36.2
30.7	33.1	33.5	34.0	34.2	34.6	34.6	34.7	34.8	34.8	35.8	35.8	36.1	36.1	36.9	37.9
31.6	34.0	34.3	34.8	35.1	35.4	35.4	35.6	35.7	35.7	36.7	36.7	36.9	36.9	37.7	38.8
32.5	34.8	35.2	35.8	36.1	36.4	36.4	36.6	36.7	36.7	37.7	37.7	37.9	37.9	38.7	39.8
33.1	35.7	36.1	36.7	36.9	37.3	37.4	37.6	37.7	37.7	38.7	38.7	38.9	38.9	39.7	40.8
33.1	35.7	36.1	36.7	36.9	37.3	37.4	37.6	37.7	37.7	38.7	38.7	38.9	38.9	39.7	40.8
33.5	36.2	36.6	37.2	37.6	37.9	38.3	38.4	38.6	38.6	39.6	39.6	39.8	39.8	40.5	41.7
34.0	36.8	37.3	38.1	38.4	38.8	39.2	39.3	39.4	39.4	40.4	40.4	40.7	40.7	41.4	42.5
35.2	38.2	38.7	39.4	39.8	40.2	40.5	41.0	41.2	41.2	42.2	42.2	42.4	42.4	43.2	44.3
35.8	38.9	39.4	40.3	40.7	41.0	41.5	42.0	42.2	42.2	43.2	43.2	43.4	43.4	44.2	45.3
37.7	41.3	41.9	42.8	43.2	43.5	44.2	44.7	44.8	44.8	45.8	45.8	46.0	46.0	46.8	47.9
39.2	43.0	43.8	44.8	45.1	45.5	46.1	46.6	46.8	46.8	47.8	47.8	48.0	48.1	48.9	50.1
40.2	44.7	45.9	47.3	48.3	48.8	49.5	50.0	50.2	50.2	51.2	51.2	51.7	51.9	52.6	53.9
40.7	46.1	47.8	49.4	50.6	51.1	51.9	52.4	52.6	52.6	54.0	54.0	54.5	54.6	55.3	57.0
41.4	47.8	50.1	52.1	54.0	54.9	56.1	57.0	57.2	57.2	58.8	58.8	59.5	59.6	60.3	62.3
41.4	48.0	50.4	52.6	55.2	56.5	58.5	59.6	60.3	60.8	63.3	63.3	64.6	64.9	66.3	69.5
41.4	48.3	51.1	53.5	56.6	58.0	60.4	62.7	63.7	64.7	69.2	69.4	72.0	73.0	75.7	82.1
41.4	48.3	51.1	53.5	56.6	58.0	60.9	63.4	64.6	65.7	70.4	70.8	74.6	75.7	80.5	96.6
41.4	48.3	51.1	53.5	56.6	58.0	60.9	63.4	64.6	65.7	70.4	70.8	74.9	76.0	81.0	100.0

TOTAL NUMBER OF OBSERVATIONS 804

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7.2170 TIN CITY AFS AK 73-81 JUL

[illegible] FREQUENCY OF OCCURRENCE 0600-2600
[illegible]

17.1	17.7	17.8	18.1	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.8	18.8	19.1	19.6
18.6	19.3	19.5	19.7	19.7	19.7	19.8	19.8	20.0	20.0	20.0	20.0	20.7	20.8	21.1	21.9
19.8	20.6	20.7	20.9	20.9	21.1	21.2	21.2	21.3	21.3	21.4	21.4	22.2	22.3	22.6	23.4
20.2	20.9	21.1	21.3	21.3	21.4	21.6	21.6	21.7	21.7	21.8	21.8	22.6	22.7	22.9	23.8
20.4	21.2	21.3	21.6	21.6	21.7	21.8	21.8	21.9	21.9	22.1	22.1	22.8	22.9	23.2	24.0
20.9	21.9	22.1	22.3	22.3	22.4	22.6	22.6	22.7	22.7	22.8	22.8	23.5	23.7	23.9	24.8
21.6	22.8	22.9	23.2	23.2	23.3	23.4	23.4	23.5	23.5	23.7	23.7	24.4	24.5	24.8	25.7
21.9	23.2	23.3	23.5	23.5	23.7	23.8	23.8	23.9	23.9	24.0	24.0	24.8	24.9	25.2	26.0
23.8	25.2	25.3	25.5	25.5	25.7	25.8	25.8	25.9	25.9	26.0	26.0	26.8	26.9	27.1	28.0
26.9	28.3	28.4	28.6	28.6	28.9	29.0	29.0	29.1	29.1	29.2	29.2	30.0	30.1	30.4	31.2
27.5	28.9	29.0	29.2	29.2	29.5	29.6	29.6	29.7	29.7	29.9	29.9	30.6	30.7	31.0	31.8
27.9	29.6	29.7	30.0	30.0	30.2	30.4	30.4	30.5	30.5	30.6	30.6	31.4	31.5	31.7	32.6
28.1	29.9	30.0	30.2	30.2	30.5	30.6	30.6	30.7	30.7	30.9	30.9	31.6	31.7	32.0	32.8
29.2	31.1	31.2	31.5	31.5	31.7	31.8	31.8	32.0	32.0	32.1	32.1	32.8	33.0	33.2	34.1
32.3	34.4	34.6	34.8	34.8	35.1	35.2	35.2	35.3	35.3	35.4	35.4	36.2	36.3	36.6	37.4
32.9	34.9	35.1	35.3	35.3	35.6	35.7	35.7	35.8	35.8	35.9	35.9	36.7	36.8	37.1	37.9
33.5	35.8	35.9	36.2	36.2	36.6	36.7	36.7	36.8	36.8	36.9	36.9	37.7	37.8	38.0	38.9
34.9	37.5	37.7	37.9	37.9	38.3	38.4	38.4	38.5	38.5	38.7	38.7	39.4	39.5	39.8	40.6
34.8	37.5	37.7	37.9	37.9	38.3	38.4	38.4	38.5	38.5	38.7	38.7	39.4	39.5	39.8	40.6
35.7	38.5	38.8	39.2	39.2	39.7	39.8	39.8	39.9	39.9	40.0	40.0	40.8	40.9	41.1	42.0
37.1	40.1	40.5	40.9	41.0	41.5	41.6	41.6	41.8	41.8	41.9	41.9	42.6	42.8	43.0	43.9
38.4	41.5	42.0	42.5	42.6	43.1	43.2	43.4	43.5	43.5	43.6	43.6	44.4	44.5	44.7	45.6
38.7	41.9	42.4	42.9	43.0	43.5	43.6	43.7	43.9	43.9	44.0	44.0	44.7	44.9	45.1	46.0
39.8	43.5	44.1	44.7	44.9	45.4	45.6	45.7	45.8	45.8	46.0	46.0	46.7	46.8	47.1	48.1
40.6	44.9	45.5	46.2	46.3	46.8	47.1	47.2	47.3	47.3	47.5	47.5	48.2	48.3	48.6	49.6
42.5	48.0	48.8	49.7	50.1	50.6	50.9	51.1	51.2	51.2	51.4	51.4	52.2	52.3	52.5	53.5
44.1	50.2	51.2	52.2	53.2	53.7	54.3	54.5	54.6	54.8	55.1	55.1	55.9	56.0	56.3	57.4
44.9	52.2	53.4	54.9	56.3	57.4	58.6	59.1	59.2	59.4	59.7	59.7	60.6	60.7	61.2	62.7
45.5	53.8	55.3	56.9	58.4	59.7	61.6	62.2	62.7	63.8	64.9	64.9	66.3	66.5	67.5	69.9
45.6	53.9	55.6	57.2	59.6	61.3	64.4	65.9	66.9	69.0	71.6	71.6	74.2	74.7	76.8	83.8
45.6	53.9	55.6	57.2	59.9	61.6	65.1	66.8	67.8	70.4	73.6	73.6	76.8	77.3	81.0	97.6
45.6	53.9	55.6	57.2	59.9	61.6	65.1	66.8	67.8	70.4	73.6	73.6	77.0	77.4	81.5	100.0

TOTAL NUMBER OF OBSERVATIONS 807

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1175 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 0900-1100
FROM HOURLY OBSERVATIONS

20.0	20.5	21.0	21.0	21.0	21.2	21.5	21.8	21.8	22.0	22.2	22.2	22.2	22.3	22.3	22.8
23.9	24.4	24.9	24.9	24.9	25.0	25.4	25.6	25.6	25.9	26.0	26.0	26.0	26.1	26.1	26.6
25.0	25.5	26.0	26.0	26.0	26.1	26.5	26.7	26.7	27.0	27.4	27.4	27.4	27.5	27.5	28.1
25.4	25.9	26.4	26.4	26.4	26.5	26.9	27.1	27.1	27.4	27.7	27.7	27.7	27.8	27.8	28.5
26.0	26.5	27.0	27.0	27.0	27.1	27.5	27.7	27.7	28.0	28.3	28.3	28.3	28.5	28.5	29.1
26.6	27.1	27.6	27.6	27.6	27.7	28.1	28.3	28.3	28.6	29.0	29.0	29.0	29.1	29.1	29.7
27.4	27.8	28.3	28.3	28.3	28.5	28.8	29.1	29.1	29.3	29.7	29.7	29.7	29.8	29.8	30.4
28.6	29.1	29.6	29.6	29.6	29.7	30.1	30.3	30.3	30.6	30.9	30.9	30.9	31.1	31.1	31.7
30.7	31.2	31.7	31.7	31.7	31.8	32.2	32.4	32.4	32.7	33.0	33.0	33.0	33.2	33.2	33.8
32.1	32.5	33.0	33.0	33.0	33.2	33.5	33.8	33.8	34.0	34.4	34.4	34.4	34.5	34.5	35.1
32.4	32.9	33.5	33.7	33.7	33.8	34.2	34.4	34.4	34.7	35.0	35.0	35.0	35.1	35.1	35.8
34.0	34.5	35.1	35.3	35.3	35.4	35.8	36.0	36.0	36.3	36.6	36.6	36.6	36.8	36.8	37.4
35.0	35.5	36.1	36.3	36.3	36.4	36.8	37.1	37.1	37.4	37.7	37.7	37.7	37.9	38.0	38.6
36.1	36.6	37.3	37.4	37.4	37.5	37.9	38.2	38.2	38.5	38.9	38.9	38.9	39.0	39.1	39.7
38.4	38.9	39.6	39.7	39.7	39.9	40.2	40.6	40.6	41.0	41.3	41.3	41.3	41.5	41.6	42.2
39.0	39.5	40.2	40.3	40.5	40.6	41.0	41.3	41.3	41.7	42.1	42.1	42.1	42.2	42.3	42.9
40.1	40.6	41.3	41.5	41.6	41.7	42.1	42.5	42.5	42.8	43.2	43.2	43.2	43.3	43.4	44.1
42.2	42.9	43.7	43.8	43.9	44.1	44.4	44.8	44.8	45.2	45.5	45.5	45.5	45.7	45.8	46.4
42.2	43.2	43.9	44.1	44.2	44.3	44.7	45.0	45.0	45.4	45.8	45.8	45.8	45.9	46.0	46.7
43.3	44.8	45.5	45.7	46.0	46.2	46.8	47.2	47.2	47.5	47.9	47.9	47.9	48.0	48.1	48.8
44.7	46.3	47.0	47.3	47.8	47.9	48.5	48.9	48.9	49.3	49.6	49.6	49.6	49.8	49.9	50.5
45.5	47.3	48.0	48.5	49.0	49.1	49.8	50.1	50.1	50.5	50.9	50.9	50.9	51.0	51.1	51.7
46.0	47.9	48.6	49.1	49.6	49.8	50.4	50.7	50.7	51.1	51.5	51.5	51.5	51.6	51.7	52.4
46.8	48.8	49.5	50.0	50.5	50.6	51.2	51.6	51.6	52.0	52.4	52.4	52.4	52.5	52.6	53.2
47.3	49.3	50.1	50.7	51.5	51.6	52.4	52.7	52.7	53.1	53.5	53.5	53.5	53.6	53.7	54.3
49.0	51.9	53.0	53.6	54.3	54.5	55.6	56.2	56.3	56.7	57.1	57.1	57.1	57.2	57.3	57.9
49.9	54.2	55.6	56.6	57.7	58.3	59.5	60.1	60.3	60.6	61.1	61.1	61.1	61.3	61.4	62.0
51.0	56.3	58.5	60.3	61.9	62.6	64.1	65.3	65.7	66.1	66.8	66.8	67.0	67.1	67.3	68.2
51.7	58.4	60.8	62.6	64.7	65.7	67.7	69.8	70.3	70.9	72.0	72.3	72.8	73.1	73.6	74.6
51.7	58.4	61.0	62.9	65.6	66.7	69.6	72.5	73.1	74.6	76.7	77.1	79.7	81.4	82.1	85.6
51.7	58.4	61.0	62.9	66.0	67.2	71.4	74.5	75.2	77.0	79.5	80.2	83.5	85.4	86.9	97.4
51.7	58.4	61.0	62.9	66.0	67.2	71.4	74.5	75.2	77.0	79.5	80.2	84.3	86.1	87.9	100.0

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 JUL

[illegible] 1200-1400

21.6	23.0	23.0	23.2	23.2	23.2	23.3	23.3	23.4	23.4	23.5	23.5	23.8	23.8	23.8	23.8
25.8	27.2	27.2	27.5	27.5	27.5	27.6	27.6	27.7	27.7	27.8	27.8	28.1	28.1	28.1	28.1
26.6	28.1	28.1	28.4	28.4	28.4	28.5	28.5	28.6	28.6	28.7	28.7	29.0	29.0	29.1	29.2
26.6	28.1	28.1	28.4	28.4	28.4	28.5	28.5	28.6	28.6	28.7	28.7	29.0	29.0	29.1	29.2
27.1	28.6	28.6	28.9	28.9	28.9	29.0	29.0	29.1	29.1	29.2	29.2	29.5	29.5	29.6	29.7
27.8	29.6	29.6	29.9	29.9	29.9	30.0	30.0	30.1	30.1	30.3	30.3	30.5	30.5	30.6	30.8
28.5	30.3	30.3	30.5	30.5	30.5	30.6	30.6	30.8	30.8	30.9	30.9	31.1	31.1	31.3	31.4
30.1	31.9	31.9	32.2	32.2	32.2	32.3	32.3	32.4	32.4	32.7	32.7	32.9	32.9	33.2	33.3
32.3	34.2	34.3	34.6	34.6	34.6	34.8	34.8	34.9	34.9	35.2	35.2	35.4	35.4	35.7	35.8
33.6	35.7	35.8	36.1	36.1	36.1	36.3	36.3	36.5	36.5	36.7	36.7	37.0	37.0	37.2	37.3
34.3	36.2	36.5	36.7	36.7	36.7	37.0	37.0	37.1	37.1	37.3	37.3	37.6	37.6	37.8	38.0
35.1	37.1	37.3	37.6	37.6	37.6	37.8	37.8	38.0	38.0	38.2	38.2	38.5	38.5	38.7	38.9
35.4	37.6	37.8	38.1	38.1	38.1	38.4	38.4	38.5	38.5	38.7	38.7	39.0	39.0	39.2	39.4
37.0	39.1	39.4	39.6	39.6	39.6	39.9	39.9	40.0	40.0	40.3	40.3	40.5	40.5	40.8	40.9
39.2	41.4	41.6	41.9	42.0	42.0	42.3	42.3	42.4	42.4	42.7	42.7	42.9	42.9	43.2	43.3
40.3	42.4	42.7	42.9	43.0	43.0	43.3	43.3	43.4	43.4	43.7	43.7	43.9	43.9	44.2	44.3
41.9	44.2	44.4	44.7	44.8	44.8	45.1	45.1	45.2	45.2	45.4	45.4	45.7	45.7	45.9	46.1
43.2	45.9	46.2	46.5	46.6	46.6	46.8	46.8	47.0	47.0	47.2	47.2	47.5	47.6	47.8	48.0
43.7	46.6	46.8	47.1	47.3	47.3	47.6	47.6	47.7	47.7	48.0	48.0	48.2	48.4	48.6	48.7
45.4	48.6	49.0	49.2	49.5	49.5	49.7	49.7	49.9	49.9	50.1	50.1	50.4	50.5	50.8	50.9
46.5	50.0	50.6	51.0	51.3	51.3	51.5	51.5	51.6	51.6	51.9	51.9	52.2	52.3	52.5	52.7
47.2	50.8	51.5	52.0	52.3	52.3	52.5	52.7	52.9	52.9	53.2	53.2	53.4	53.5	53.8	54.1
47.8	51.4	52.2	52.7	52.9	53.0	53.3	53.4	53.7	53.7	53.9	53.9	54.2	54.3	54.6	54.8
48.6	52.7	53.4	54.1	54.3	54.6	54.8	54.9	55.2	55.2	55.4	55.4	55.7	55.8	56.1	56.3
49.5	54.2	55.2	55.8	56.1	56.3	56.6	56.7	57.0	57.0	57.3	57.3	57.6	57.7	58.0	58.2
51.0	56.1	57.2	57.8	58.2	58.5	58.7	58.9	59.1	59.1	59.6	59.6	59.9	60.0	60.3	60.5
52.7	58.4	59.5	60.1	60.8	61.0	61.3	61.4	61.8	61.8	62.4	62.4	62.8	62.9	63.3	63.6
53.7	60.3	62.0	62.8	63.9	64.4	65.1	65.7	66.2	66.2	67.0	67.0	67.6	67.8	68.2	69.0
53.9	61.5	63.5	64.8	66.2	67.1	68.6	69.6	70.6	71.3	72.5	72.7	73.3	73.5	74.1	74.9
54.3	62.7	64.9	66.5	68.7	70.3	72.7	74.9	75.9	77.7	80.5	80.8	82.8	83.8	85.3	87.5
54.3	62.7	64.9	66.6	69.1	70.8	73.5	76.3	77.3	79.5	82.7	82.9	86.2	87.2	90.3	98.2
54.3	62.7	64.9	66.6	69.1	70.8	73.5	76.3	77.3	79.5	82.7	82.9	86.5	87.5	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 795

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.017 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1500-1700

19.8	20.2	20.3	20.3	20.5	20.5	20.5	20.5	20.5	21.2	21.2	21.2	21.5	21.5	21.5	21.5
22.3	22.6	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.6	23.6	23.6	24.0	24.0	24.0	24.0
23.3	23.6	23.8	23.6	24.0	24.0	24.0	24.0	24.0	24.6	24.6	24.6	25.0	25.0	25.0	25.0
23.3	23.6	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.6	24.6	24.6	25.0	25.0	25.0	25.0
23.8	24.1	24.3	24.3	24.5	24.5	24.5	24.5	24.5	25.1	25.1	25.1	25.5	25.5	25.6	25.8
24.8	25.1	25.3	25.3	25.6	25.6	25.6	25.6	25.6	26.3	26.3	26.3	26.6	26.6	26.8	27.1
26.6	26.9	27.1	27.1	27.4	27.4	27.4	27.4	27.4	28.4	28.4	28.4	28.8	28.8	28.9	29.3
28.8	29.1	29.3	29.3	29.6	29.6	29.6	29.6	29.6	30.6	30.6	30.6	30.9	31.1	31.4	31.7
30.7	31.1	31.2	31.2	31.6	31.6	31.6	31.6	31.6	32.6	32.6	32.6	32.9	33.1	33.4	33.7
32.1	32.4	32.6	32.6	32.9	32.9	32.9	32.9	32.9	33.9	34.0	34.0	34.4	34.5	34.9	35.2
32.6	33.1	33.4	33.6	33.9	33.9	33.9	33.9	33.9	34.9	35.0	35.0	35.4	35.5	35.9	36.2
33.7	34.4	34.7	34.9	35.2	35.2	35.2	35.2	35.2	36.2	36.4	36.4	36.7	36.9	37.2	37.5
33.7	34.7	35.0	35.2	35.5	35.5	35.5	35.5	35.5	36.5	36.7	36.7	37.0	37.2	37.5	37.9
36.5	37.5	37.9	38.0	38.3	38.3	38.5	38.5	38.5	39.5	39.7	39.7	40.0	40.2	40.5	40.8
38.7	39.8	40.2	40.5	40.8	40.8	41.0	41.0	41.0	42.0	42.1	42.1	42.5	42.6	43.0	43.3
39.2	40.3	40.7	41.0	41.3	41.3	41.5	41.5	41.5	42.5	42.6	42.6	43.0	43.1	43.5	43.8
40.0	41.2	41.5	41.8	42.1	42.1	42.3	42.3	42.3	43.3	43.5	43.5	43.8	44.0	44.3	44.8
43.0	44.6	45.0	45.5	45.8	45.8	46.0	46.0	46.0	46.9	47.1	47.1	47.4	47.6	47.9	48.4
43.5	45.1	45.5	46.0	46.3	46.3	46.4	46.4	46.4	47.4	47.6	47.6	48.1	48.3	48.6	49.1
44.5	46.1	46.4	46.9	47.3	47.3	47.6	47.6	47.6	48.6	48.8	48.8	49.3	49.4	49.8	50.2
45.1	46.9	47.3	47.8	48.1	48.1	48.4	48.4	48.4	49.4	49.6	49.6	50.1	50.2	50.6	51.1
45.5	47.3	47.6	48.1	48.6	48.6	48.9	48.9	48.9	49.9	50.4	50.4	51.1	51.2	51.7	52.4
46.3	48.1	48.4	48.9	49.4	49.4	49.8	49.8	49.8	50.7	51.2	51.2	51.9	52.1	52.6	53.2
47.6	50.2	50.7	51.2	51.7	51.7	52.1	52.1	52.1	53.1	53.6	53.6	54.2	54.4	54.9	55.5
48.3	51.1	51.7	52.2	53.1	53.1	53.4	53.4	53.4	54.4	55.0	55.2	55.9	56.0	56.5	57.2
49.9	52.7	53.4	54.0	55.0	55.0	55.5	55.5	55.7	56.7	57.4	57.5	58.2	58.3	58.8	59.7
51.2	54.5	55.2	56.2	57.7	57.9	58.5	58.5	58.7	59.8	60.7	61.0	61.7	61.8	62.5	63.3
51.6	55.0	56.2	57.5	59.2	59.7	60.7	60.7	60.8	62.3	63.1	63.5	64.1	64.3	65.1	66.0
52.1	56.2	58.2	60.7	62.6	63.6	65.0	65.8	66.1	68.3	69.8	70.1	71.1	71.2	72.1	73.1
52.2	56.9	59.2	62.3	65.1	66.3	68.4	70.2	70.9	73.9	78.0	78.7	80.8	81.0	83.1	84.6
52.2	56.9	59.3	62.5	65.6	66.8	69.1	71.1	71.7	75.0	79.8	80.5	84.1	84.3	88.9	97.5
52.2	56.9	59.3	62.5	65.6	66.8	69.1	71.1	71.7	75.2	80.0	80.7	85.1	85.3	90.1	100.0

TOTAL NUMBER OF OBSERVATIONS 605

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1800-2000

17.7	17.7	17.7	18.3	18.5	18.5	18.8	18.8	18.8	19.0	19.0	19.0	19.0	19.0	19.2	19.4
19.0	19.2	19.2	19.8	20.0	20.0	20.2	20.2	20.2	20.4	20.4	20.4	20.4	20.4	20.6	20.8
20.8	21.0	21.0	21.7	21.9	21.9	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.5	22.7
20.8	21.0	21.0	21.7	21.9	21.9	22.1	22.1	22.1	22.3	22.3	22.3	22.3	22.3	22.5	22.7
21.7	21.9	21.9	22.5	22.7	22.7	22.9	22.9	22.9	23.1	23.1	23.1	23.1	23.1	23.3	23.5
22.3	22.5	22.5	23.1	23.3	23.3	23.5	23.5	23.5	23.8	23.8	23.8	23.8	23.8	24.0	24.2
22.9	23.3	23.3	24.0	24.2	24.2	24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.8	25.0
25.4	26.0	26.0	26.7	26.9	26.9	27.1	27.1	27.1	27.3	27.3	27.3	27.3	27.3	27.5	27.7
28.3	29.0	29.2	29.8	30.0	30.0	30.2	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.6	30.8
29.4	30.4	30.6	31.3	31.5	31.5	31.7	31.7	31.7	31.9	31.9	31.9	31.9	31.9	32.1	32.3
30.8	32.1	32.3	32.9	33.1	33.1	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.8	34.0
33.1	34.4	34.6	35.2	35.4	35.4	35.6	35.6	35.6	35.8	35.8	35.8	35.8	35.8	36.0	36.3
33.3	34.6	34.8	35.4	35.6	35.6	35.8	35.8	35.8	36.0	36.0	36.0	36.0	36.0	36.3	36.5
35.2	36.9	37.1	37.7	37.9	37.9	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3	38.5	36.8
37.9	39.6	39.8	40.4	40.6	40.6	40.8	40.8	40.8	41.0	41.0	41.0	41.0	41.0	41.3	41.5
38.3	40.0	40.2	40.8	41.0	41.0	41.3	41.3	41.3	41.5	41.5	41.5	41.5	41.5	41.7	41.9
39.6	41.5	41.7	42.3	42.5	42.5	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	43.1	43.3
40.2	42.5	42.7	43.3	43.5	43.5	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.2	44.4
40.2	42.7	42.9	43.5	43.8	43.8	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.4	44.8
40.2	43.1	43.3	44.0	44.2	44.2	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.8	45.6
41.7	44.6	44.8	45.4	45.6	45.6	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.3	46.5	47.3
42.1	45.4	45.6	46.3	46.5	46.5	46.7	46.7	46.7	46.9	47.1	47.1	47.1	47.3	47.7	48.8
43.1	46.5	46.7	47.3	47.5	47.5	47.7	47.7	47.7	47.9	48.1	48.1	48.1	48.3	48.8	49.8
43.5	46.9	47.1	47.9	48.3	48.3	48.5	48.5	48.5	49.8	49.0	49.0	49.0	49.2	49.6	50.6
44.2	47.9	48.1	49.0	49.4	49.4	49.6	49.6	49.6	49.8	50.0	50.0	50.0	50.2	50.6	52.1
45.4	50.0	50.2	52.1	52.5	52.5	52.9	52.9	52.9	53.1	53.3	53.3	53.3	53.5	54.0	55.4
45.8	50.8	51.3	53.1	53.8	53.8	54.2	54.4	54.8	55.2	55.4	55.4	55.4	55.6	56.0	58.3
46.7	52.3	53.1	55.0	56.5	56.5	57.1	57.3	57.7	58.3	58.5	58.5	58.5	59.0	59.4	61.7
47.5	54.8	56.3	58.3	60.0	60.6	61.9	62.5	62.9	64.0	64.4	64.4	64.6	65.0	65.8	68.1
47.7	55.4	57.7	60.4	62.7	63.3	65.6	66.9	67.5	69.0	71.3	71.3	72.7	73.1	76.5	79.6
47.7	55.6	57.9	60.6	63.1	63.8	66.5	67.9	68.5	70.0	72.9	72.9	75.8	76.3	83.1	95.2
47.7	55.6	57.9	60.6	63.1	63.8	66.5	67.9	68.5	70.0	72.9	72.9	75.8	76.3	83.8	100.0

TOTAL NUMBER OF OBSERVATIONS 483

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE 2100-2302
FROM HOURLY OBSERVATIONS

18.3	18.9	19.2	19.4	19.4	19.4	19.4	19.4	19.7	19.7	19.7	19.7	19.9	20.0	20.5	21.6
20.7	21.3	21.6	21.8	22.0	22.0	22.0	22.0	22.3	22.5	22.5	22.5	22.8	22.9	23.4	24.6
21.3	22.0	22.3	22.5	22.6	22.6	22.6	22.6	22.9	23.1	23.1	23.1	23.4	23.6	24.1	25.2
21.6	22.3	22.6	22.8	22.9	22.9	22.9	22.9	23.3	23.4	23.4	23.4	23.7	23.9	24.4	25.5
22.5	23.1	23.4	23.6	23.7	23.7	23.7	23.7	24.1	24.2	24.2	24.2	24.6	24.7	25.2	26.3
23.1	23.7	24.1	24.2	24.4	24.4	24.4	24.4	24.7	24.9	24.9	24.9	25.2	25.4	25.8	27.0
24.2	24.9	25.2	25.4	25.5	25.5	25.5	25.5	25.8	26.0	26.0	26.0	26.3	26.5	27.0	28.1
25.7	26.3	26.7	26.8	27.0	27.0	27.0	27.0	27.3	27.5	27.5	27.5	27.8	27.9	28.4	29.6
26.7	27.5	27.8	27.9	28.1	28.1	28.1	28.1	28.4	28.6	28.6	28.6	28.9	29.1	29.6	30.7
28.3	29.6	29.9	30.0	30.2	30.2	30.2	30.2	30.5	30.7	30.7	30.7	31.0	31.2	31.7	32.8
29.6	31.0	31.3	31.5	31.7	31.7	31.7	31.7	32.0	32.1	32.1	32.1	32.5	32.6	33.1	34.2
31.2	32.6	33.1	33.3	33.4	33.4	33.4	33.4	33.8	33.9	33.9	33.9	34.2	34.4	34.9	36.0
31.2	32.6	33.1	33.3	33.4	33.4	33.4	33.4	33.8	33.9	33.9	33.9	34.2	34.4	34.9	36.0
32.6	34.7	35.1	35.2	35.5	35.5	35.5	35.5	35.9	36.0	36.0	36.0	36.3	36.5	37.0	38.1
33.9	36.2	36.5	36.7	37.2	37.2	37.2	37.2	37.5	37.6	37.6	37.6	38.0	38.1	38.6	39.7
34.6	36.8	37.2	37.5	38.1	38.1	38.1	38.1	38.4	38.6	38.6	38.6	38.9	39.1	39.6	40.7
36.3	38.9	39.4	39.7	40.4	40.4	40.4	40.4	40.7	40.9	40.9	40.9	41.2	41.4	41.8	43.0
37.0	40.1	40.5	40.9	41.5	41.5	41.5	41.5	41.8	42.0	42.0	42.0	42.3	42.5	43.0	44.1
37.0	40.1	40.5	40.9	41.5	41.5	41.5	41.5	41.8	42.0	42.0	42.0	42.3	42.5	43.0	44.1
37.3	40.4	41.0	41.5	42.2	42.2	42.2	42.2	42.5	42.6	42.6	42.6	43.0	43.1	43.6	45.2
37.0	40.7	41.4	41.8	42.6	42.6	42.6	43.0	43.3	43.5	43.5	43.5	43.8	43.9	44.4	46.0
38.0	41.2	41.8	42.3	43.5	43.5	43.6	44.3	44.6	44.7	44.7	44.7	45.1	45.2	45.7	47.7
39.4	42.6	43.5	43.9	45.1	45.1	45.2	45.9	46.2	46.4	46.4	46.4	46.7	46.8	47.3	49.3
40.7	45.1	45.7	46.2	47.5	47.7	47.8	48.5	48.8	48.9	48.9	48.9	49.3	49.4	49.9	51.9
42.2	47.7	48.6	49.1	51.1	51.4	51.5	52.2	52.5	52.7	52.7	52.7	53.0	53.2	53.6	55.6
42.8	48.9	50.1	50.7	52.7	53.0	53.5	54.1	54.4	54.6	54.6	54.6	55.3	55.4	55.9	57.8
43.5	50.2	51.4	52.0	54.0	54.3	54.8	55.4	55.7	56.1	56.4	56.4	57.0	57.2	57.7	60.4
43.9	51.4	53.0	54.0	56.2	56.5	57.4	58.0	58.3	58.6	59.0	59.0	59.6	59.8	60.6	63.5
44.3	53.2	54.8	56.1	58.8	59.6	60.7	61.4	61.9	62.2	63.2	63.2	64.0	64.1	64.9	69.0
44.3	53.6	55.3	57.0	60.1	61.2	63.2	64.9	65.9	66.6	69.3	69.5	71.7	72.7	75.1	81.9
44.3	53.8	55.4	57.4	60.7	61.9	64.0	66.6	67.9	69.0	72.7	72.9	75.8	77.1	80.9	93.9
44.3	53.8	55.4	57.4	60.7	61.9	64.0	66.6	67.9	69.0	72.7	72.9	75.8	77.1	81.9	100.0

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATION ALL

18.6	19.4	19.6	19.8	19.9	19.9	20.0	20.1	20.1	20.3	20.5	20.5	20.7	20.7	21.0	21.6
21.0	21.8	22.0	22.3	22.5	22.5	22.6	22.7	22.7	22.9	23.1	23.1	23.3	23.4	23.7	24.5
21.9	22.7	23.0	23.3	23.4	23.5	23.6	23.6	23.7	23.8	24.1	24.1	24.4	24.4	24.8	25.6
22.1	23.0	23.2	23.5	23.7	23.7	23.9	23.9	24.0	24.1	24.4	24.4	24.7	24.7	25.1	25.9
22.6	23.5	23.7	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.9	24.9	25.2	25.2	25.6	26.4
23.2	24.2	24.4	24.7	24.9	25.0	25.1	25.1	25.2	25.3	25.6	25.6	25.9	25.9	26.3	27.2
24.2	25.3	25.5	25.8	25.9	26.0	26.1	26.2	26.3	26.4	26.7	26.7	27.0	27.0	27.5	28.3
25.5	26.6	26.9	27.2	27.3	27.4	27.5	27.5	27.6	27.8	28.1	28.1	28.4	28.5	28.9	29.7
27.5	28.7	28.9	29.2	29.4	29.5	29.6	29.6	29.7	29.9	30.2	30.2	30.5	30.5	31.0	31.8
29.2	30.5	30.7	31.1	31.2	31.3	31.4	31.5	31.6	31.7	32.1	32.1	32.3	32.4	32.8	33.7
30.1	31.4	31.8	32.1	32.2	32.4	32.5	32.5	32.6	32.8	33.1	33.1	33.4	33.5	33.9	34.7
31.1	32.5	32.8	33.2	33.3	33.4	33.5	33.6	33.7	33.8	34.2	34.2	34.4	34.5	34.9	35.8
31.4	32.9	33.2	33.5	33.7	33.8	33.9	34.0	34.1	34.2	34.6	34.6	34.8	34.9	35.4	36.2
32.7	34.6	34.9	35.3	35.5	35.6	35.7	35.8	35.9	36.1	36.4	36.4	36.7	36.7	37.2	38.0
34.8	36.8	37.1	37.5	37.7	37.8	38.0	38.0	38.1	38.3	38.7	38.7	38.9	39.0	39.4	40.3
35.5	37.6	37.9	38.4	38.6	38.7	38.8	38.9	39.0	39.2	39.5	39.5	39.8	39.9	40.3	41.2
36.7	38.9	39.2	39.7	39.9	40.0	40.2	40.2	40.3	40.5	40.8	40.8	41.1	41.2	41.7	42.5
37.9	40.5	40.9	41.4	41.6	41.7	41.9	42.0	42.0	42.2	42.6	42.6	42.8	42.9	43.4	44.2
38.1	40.7	41.1	41.6	41.8	42.0	42.1	42.2	42.3	42.5	42.8	42.8	43.1	43.2	43.7	44.5
38.9	41.7	42.1	42.6	42.9	43.1	43.3	43.4	43.5	43.7	44.0	44.0	44.3	44.4	44.9	45.8
39.8	42.7	43.2	43.8	44.1	44.3	44.5	44.7	44.7	44.9	45.3	45.3	45.6	45.7	46.1	47.1
40.6	43.7	44.2	44.8	45.3	45.4	45.7	45.9	46.0	46.2	46.6	46.6	46.9	47.0	47.5	48.6
41.3	44.4	45.0	45.7	46.1	46.3	46.6	46.8	46.9	47.1	47.5	47.5	47.8	47.9	48.4	49.4
42.4	46.1	46.8	47.5	48.0	48.1	48.5	48.7	48.8	49.0	49.4	49.4	49.7	49.8	50.3	51.4
43.3	47.5	48.3	49.1	49.7	50.0	50.3	50.5	50.6	50.8	51.3	51.3	51.6	51.7	52.2	53.4
44.5	49.4	50.5	51.5	52.3	52.6	53.1	53.4	53.6	53.7	54.2	54.2	54.6	54.8	55.3	56.5
45.4	51.2	52.4	53.6	54.7	55.0	55.7	56.0	56.2	56.5	57.1	57.2	57.6	57.7	58.3	59.8
46.2	52.7	54.5	56.0	57.7	58.2	59.3	59.8	60.1	60.4	61.2	61.2	61.7	61.9	62.6	64.3
46.6	54.2	56.1	58.0	60.1	61.1	62.7	63.6	64.3	65.1	66.5	66.6	67.5	67.8	68.8	71.0
46.7	54.6	56.8	59.0	61.8	63.0	65.6	67.5	68.5	70.1	73.1	73.4	75.8	76.6	78.9	83.8
46.7	54.6	56.9	59.1	62.1	63.3	66.4	68.6	69.7	71.6	75.2	75.6	79.0	79.9	84.0	96.4
46.7	54.6	56.9	59.1	62.1	63.3	66.4	68.6	69.7	71.6	75.2	75.6	79.3	80.2	84.7	100.0

TOTAL NUMBER OF OBSERVATIONS 5697

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 AUG

0000-0200

11.7	13.4	13.6	13.7	13.7	13.9	14.2	14.2	14.2	14.2	14.3	14.3	14.3	14.3	14.3	14.4
12.6	14.3	14.4	14.5	14.5	14.8	15.0	15.0	15.0	15.0	15.3	15.3	15.3	15.3	15.3	15.4
12.7	14.4	14.5	14.7	14.7	14.9	15.2	15.2	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.7
12.7	14.4	14.5	14.7	14.7	14.9	15.2	15.2	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.7
12.8	14.5	14.7	14.8	14.8	15.0	15.3	15.3	15.3	15.3	15.5	15.5	15.5	15.5	15.5	15.8
13.1	15.2	15.3	15.4	15.4	15.7	15.9	15.9	15.9	15.9	16.2	16.2	16.2	16.2	16.2	16.4
13.8	15.9	16.0	16.2	16.2	16.4	16.6	16.6	16.6	16.6	16.9	16.9	17.0	17.0	17.0	17.3
14.1	16.4	16.5	16.6	16.6	16.9	17.1	17.1	17.1	17.1	17.4	17.4	17.5	17.5	17.5	17.8
15.9	18.2	18.4	18.5	18.5	18.7	19.0	19.0	19.0	19.0	19.2	19.2	19.4	19.4	19.4	19.6
17.5	20.2	20.5	20.6	20.6	20.8	21.1	21.1	21.1	21.1	21.3	21.3	21.7	21.7	21.7	21.9
18.7	21.8	22.1	22.2	22.2	22.4	22.7	22.7	22.7	22.7	22.9	22.9	23.3	23.3	23.3	23.6
20.1	23.9	24.2	24.3	24.3	24.5	24.9	24.9	24.9	24.9	25.2	25.2	25.5	25.5	25.5	25.8
20.1	24.0	24.3	24.7	24.7	24.9	25.3	25.3	25.3	25.3	25.5	25.5	25.9	25.9	25.9	26.1
20.8	25.2	25.4	25.8	25.8	26.1	26.5	26.5	26.5	26.5	26.8	26.8	27.1	27.1	27.1	27.4
21.9	26.9	27.1	27.6	27.9	28.2	28.6	28.6	28.6	28.6	28.9	28.9	29.2	29.2	29.2	29.5
22.2	27.4	27.6	28.1	28.6	29.0	29.3	29.3	29.3	29.3	29.6	29.6	30.0	30.0	30.0	30.2
23.6	28.9	29.1	29.7	30.2	30.6	30.9	30.9	30.9	30.9	31.2	31.2	31.6	31.6	31.6	31.8
25.3	31.7	31.9	32.6	33.3	33.7	34.4	34.4	34.4	34.4	34.6	34.6	35.0	35.0	35.0	35.3
25.6	32.6	32.9	33.5	34.3	34.6	35.4	35.4	35.4	35.4	35.6	35.6	36.0	36.0	36.0	36.3
26.4	34.2	34.5	35.1	35.9	36.3	37.0	37.0	37.0	37.0	37.2	37.2	37.6	37.6	37.6	37.9
28.7	37.5	38.2	38.8	39.6	40.0	40.7	40.7	40.7	40.7	40.9	40.9	41.3	41.3	41.3	41.6
30.0	39.0	40.1	40.7	41.7	42.0	42.9	42.9	42.9	42.9	43.2	43.2	43.5	43.5	43.5	43.8
33.0	43.0	44.1	44.8	45.7	46.1	47.0	47.0	47.0	47.0	47.2	47.2	47.6	47.6	47.6	47.8
34.6	45.6	47.1	48.1	49.1	49.6	50.9	50.9	50.9	50.9	51.3	51.3	51.8	51.8	51.8	52.0
36.0	48.5	50.2	51.3	53.0	53.6	55.7	55.9	55.9	56.0	56.4	56.4	56.8	56.8	56.8	57.1
36.5	50.1	51.9	53.1	55.1	55.7	58.1	59.2	59.2	59.6	59.9	59.9	60.8	60.8	60.8	61.0
37.1	51.5	53.4	54.6	56.8	57.5	60.2	61.3	61.4	62.4	62.8	62.8	63.7	63.7	63.9	64.5
37.9	53.5	55.5	56.8	59.9	60.8	63.7	65.0	65.2	66.2	66.7	66.7	68.1	68.2	68.3	68.9
38.5	54.7	57.6	58.9	62.9	63.9	68.2	70.7	71.3	72.6	73.4	73.6	75.2	75.3	76.1	77.4
38.7	55.6	58.4	59.9	64.4	65.6	70.3	73.1	73.9	76.6	78.7	79.0	81.6	81.8	83.1	85.1
38.7	55.6	58.4	59.9	64.5	65.7	70.5	73.5	74.2	77.8	80.0	80.4	83.6	83.7	86.9	94.1
38.7	55.6	58.4	59.9	64.5	65.7	70.5	73.5	74.2	77.8	80.0	80.4	83.7	83.8	87.4	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 AUG

0300-0600

10.9	11.0	11.2	11.2	11.2	11.2	11.4	11.6	11.6	11.6	11.8	11.8	11.8	11.8	11.9	12.0
11.8	12.0	12.1	12.1	12.1	12.3	12.5	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.2
11.8	12.0	12.1	12.1	12.1	12.3	12.5	12.9	12.9	12.9	13.0	13.0	13.0	13.0	13.1	13.2
11.9	12.1	12.3	12.3	12.3	12.4	12.6	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.2	13.4
12.1	12.4	12.5	12.5	12.5	12.6	12.9	13.2	13.2	13.2	13.4	13.4	13.4	13.4	13.5	13.6
13.1	13.4	13.5	13.5	13.5	13.6	13.8	14.2	14.2	14.2	14.3	14.3	14.5	14.5	14.6	14.7
13.6	13.8	14.0	14.0	14.0	14.2	14.5	14.8	14.8	14.8	15.0	15.0	15.1	15.1	15.2	15.3
13.8	14.1	14.2	14.3	14.3	14.6	14.8	15.2	15.2	15.2	15.3	15.3	15.4	15.4	15.6	15.7
15.9	16.5	16.7	16.8	16.8	17.0	17.4	17.9	17.9	17.9	18.0	18.0	18.1	18.1	18.3	18.4
16.9	18.0	18.1	18.3	18.3	18.5	18.9	19.4	19.4	19.4	19.5	19.5	19.9	19.9	20.0	20.1
18.4	19.7	19.9	20.0	20.0	20.2	20.6	21.1	21.1	21.1	21.2	21.2	21.6	21.6	21.7	21.8
19.4	21.4	21.6	21.7	21.7	21.9	22.3	22.8	22.8	22.8	22.9	22.9	23.3	23.3	23.4	23.5
19.4	21.4	21.6	21.7	21.7	21.9	22.3	22.8	22.8	22.8	22.9	22.9	23.3	23.3	23.4	23.5
20.6	22.9	23.0	23.2	23.2	23.4	23.9	24.4	24.4	24.4	24.5	24.5	24.9	24.9	25.0	25.1
22.4	24.9	25.0	25.1	25.1	25.4	25.9	26.3	26.3	26.3	26.5	26.5	26.8	26.8	27.0	27.1
22.8	25.6	25.7	25.9	26.1	26.3	26.8	27.3	27.3	27.3	27.5	27.5	27.8	27.8	27.9	26.1
23.4	26.6	27.2	27.3	27.7	27.9	28.4	28.9	28.9	29.0	29.2	29.2	29.5	29.5	29.7	29.8
25.1	29.8	30.6	30.9	31.6	31.9	32.4	32.8	32.8	33.0	33.1	33.1	33.5	33.5	33.6	33.7
26.0	30.6	31.5	31.7	32.5	32.7	33.2	33.7	33.7	33.8	33.9	33.9	34.3	34.3	34.4	34.6
28.4	33.9	34.8	35.0	35.8	36.0	36.5	37.0	37.0	37.1	37.3	37.3	37.6	37.6	37.7	37.9
30.3	36.5	37.4	37.6	38.5	38.8	39.3	39.8	39.8	40.0	40.1	40.1	40.4	40.4	40.6	40.7
31.5	38.0	39.1	39.6	40.9	41.3	41.9	42.9	42.9	43.1	43.3	43.3	43.6	43.6	43.8	43.9
33.0	40.1	41.3	41.8	43.4	43.8	44.4	45.3	45.3	45.6	45.7	45.7	46.1	46.1	46.2	46.3
35.2	42.9	44.2	44.9	46.6	47.1	47.7	48.8	48.8	49.0	49.1	49.1	49.5	49.5	49.6	49.8
36.9	45.3	47.7	48.5	50.7	51.3	52.1	53.4	53.6	54.0	54.2	54.2	54.5	54.5	54.7	54.8
37.4	46.2	49.1	50.1	52.5	53.4	54.4	56.4	56.5	57.1	57.2	57.2	57.6	57.6	57.7	57.8
38.8	48.2	51.5	52.5	55.4	56.4	57.5	59.6	59.7	60.3	60.4	60.4	61.0	61.0	61.2	61.6
39.6	49.5	52.9	53.9	58.2	59.2	61.4	63.5	63.6	64.3	64.6	64.6	65.3	65.3	65.7	66.3
40.4	51.2	55.3	56.9	61.8	62.9	66.1	68.9	69.1	70.2	70.8	71.0	72.1	72.4	73.3	74.4
40.9	52.1	56.6	58.2	64.0	65.4	69.5	72.9	73.7	76.1	78.2	78.3	80.5	81.0	83.7	86.3
40.9	52.1	56.6	58.2	64.3	65.8	70.0	73.5	74.3	77.1	79.5	79.7	82.7	83.2	88.0	95.5
40.9	52.1	56.6	58.2	64.3	65.8	70.0	73.5	74.3	77.2	79.7	79.8	82.8	83.3	88.8	100.0

TOTAL NUMBER OF OBSERVATIONS 616

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE 0600-0800
FROM HOURLY OBSERVATIONS

9.7	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9	10.0	10.0	10.0	10.3	10.3	10.5	10.9
10.6	10.6	10.6	10.6	10.8	10.8	10.8	10.9	10.9	11.0	11.0	11.0	11.4	11.4	11.8	12.1
10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.3	11.3	11.3	11.6	11.6	12.0	12.4
11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.5	11.5	11.6	11.6	11.6	12.0	12.0	12.4	12.7
11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.5	11.5	11.6	11.6	11.6	12.0	12.0	12.4	12.7
11.5	11.8	11.9	11.9	12.0	12.0	12.0	12.1	12.1	12.2	12.2	12.2	12.6	12.6	13.2	13.6
13.2	13.2	13.3	13.3	13.5	13.5	13.5	13.6	13.6	13.7	13.7	13.7	14.1	14.1	14.7	15.1
13.6	13.6	13.7	13.7	13.8	13.8	13.8	14.0	14.0	14.1	14.1	14.1	14.4	14.4	15.1	15.4
15.1	15.4	15.7	15.7	15.8	15.8	15.8	15.9	15.9	16.0	16.0	16.0	16.6	16.6	17.3	17.6
17.6	18.2	18.5	18.5	18.6	18.6	18.7	18.8	18.8	19.0	19.0	19.0	19.6	19.6	20.2	20.6
18.1	18.7	19.1	19.1	19.2	19.2	19.3	19.5	19.5	19.6	19.6	19.6	20.2	20.2	20.9	21.3
19.3	20.1	20.4	20.4	20.6	20.7	20.8	20.9	20.9	21.1	21.1	21.1	21.7	21.7	22.5	22.9
19.8	20.6	20.9	20.9	21.1	21.2	21.3	21.4	21.4	21.5	21.5	21.5	22.2	22.2	23.0	23.4
22.0	22.8	23.1	23.1	23.3	23.5	23.6	23.7	23.7	23.9	23.9	23.9	24.5	24.5	25.3	25.7
23.1	24.0	24.5	24.5	24.6	24.8	25.0	25.1	25.1	25.2	25.2	25.2	25.8	25.9	26.8	27.2
23.9	25.3	25.8	25.8	25.9	26.2	26.3	26.4	26.4	26.6	26.6	26.6	27.2	27.3	28.2	28.5
25.3	26.9	27.5	27.5	27.7	27.9	28.0	28.2	28.2	28.3	28.3	28.3	28.9	29.0	29.9	30.2
28.3	30.1	30.7	30.7	30.8	31.1	31.3	31.5	31.5	31.6	31.6	31.6	32.2	32.3	33.2	33.5
29.0	30.8	31.6	31.6	31.7	31.9	32.3	32.4	32.4	32.6	32.6	32.6	33.2	33.3	34.1	34.5
30.8	33.4	34.6	34.6	34.8	35.0	35.4	35.5	35.5	35.6	35.6	35.6	36.2	36.4	37.2	37.6
33.7	36.5	37.9	38.2	38.3	38.6	38.9	39.0	39.0	39.2	39.2	39.2	39.8	39.9	40.8	41.1
35.6	39.2	41.1	41.4	41.6	41.9	42.6	43.2	43.2	43.5	43.5	43.5	44.1	44.2	45.0	45.4
36.8	41.0	43.0	43.2	43.6	43.8	44.6	45.2	45.2	45.4	45.4	45.4	46.0	46.1	47.0	47.5
39.2	43.7	45.7	45.9	46.3	46.5	47.2	47.9	47.9	48.1	48.1	48.1	48.7	48.8	49.7	50.2
41.2	46.4	49.3	49.8	50.3	50.6	51.4	52.0	52.0	52.3	52.3	52.3	52.9	53.0	53.9	54.3
42.5	48.2	51.7	52.5	53.5	54.0	54.8	55.8	55.8	56.2	56.3	56.3	56.9	57.0	57.9	58.4
43.5	49.6	53.1	54.2	55.4	56.2	57.2	58.5	58.5	59.0	59.1	59.1	59.7	59.9	60.7	61.2
43.7	50.8	54.8	56.5	59.2	60.3	61.8	63.2	63.2	64.0	64.3	64.4	65.2	65.5	66.5	67.1
44.6	52.4	56.7	59.0	62.1	63.5	66.5	68.2	68.3	69.6	70.5	70.6	72.0	72.3	73.4	75.0
44.8	53.4	57.6	60.1	63.5	65.4	69.9	72.9	73.7	76.6	79.4	79.6	81.9	82.4	84.1	87.0
44.9	53.7	58.0	60.5	64.1	66.0	70.7	73.8	74.5	78.0	81.6	81.9	84.9	85.6	89.2	96.9
44.9	53.7	58.0	60.5	64.1	66.0	70.7	73.8	74.5	78.1	81.8	82.0	85.1	85.7	90.0	100.0

TOTAL NUMBER OF OBSERVATIONS 817

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] TIN CITY AFS AK 73-81 Aug

[illegible] 0900-1100

11.8	11.8	11.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.3	12.3	12.3	12.3	12.3	12.7
12.4	12.5	12.5	12.6	12.7	12.7	12.7	12.7	12.7	12.7	13.0	13.0	13.0	13.0	13.0	13.5
12.4	12.5	12.5	12.6	12.7	12.7	12.7	12.7	12.7	12.7	13.0	13.0	13.0	13.0	13.0	13.5
12.6	12.7	12.7	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.2	13.2	13.2	13.2	13.2	13.7
12.7	12.9	12.9	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.4	13.4	13.4	13.4	13.4	13.8
13.1	13.2	13.2	13.4	13.5	13.5	13.5	13.6	13.6	13.6	13.8	13.8	13.8	13.8	13.8	14.3
14.1	14.1	14.1	14.2	14.3	14.3	14.3	14.5	14.5	14.5	14.7	14.7	14.7	14.7	14.7	15.2
14.7	14.8	14.8	15.0	15.1	15.1	15.1	15.2	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.9
17.2	17.5	17.5	17.6	17.9	17.9	17.9	18.0	18.0	18.0	18.3	18.3	18.3	18.3	18.3	18.8
18.9	19.4	19.4	19.5	19.7	19.7	19.7	19.9	19.9	19.9	20.1	20.1	20.1	20.1	20.1	20.6
20.1	20.6	20.6	20.7	21.0	21.0	21.0	21.1	21.1	21.1	21.3	21.3	21.3	21.3	21.3	21.8
21.1	21.8	21.8	21.9	22.3	22.3	22.3	22.5	22.5	22.5	22.8	22.8	22.9	22.9	22.9	23.4
21.8	22.4	22.4	22.5	22.9	22.9	22.9	23.2	23.2	23.2	23.4	23.4	23.5	23.5	23.5	24.0
22.8	23.8	23.8	24.0	24.4	24.4	24.4	24.6	24.6	24.6	24.9	24.9	25.0	25.0	25.0	25.5
23.8	25.4	25.5	25.7	26.2	26.3	26.3	26.6	26.6	26.6	26.8	26.8	27.0	27.0	27.0	27.5
24.6	26.2	26.3	26.7	27.5	27.6	27.6	27.8	27.8	27.8	28.1	28.1	28.3	28.3	28.4	28.9
25.6	27.5	27.6	27.9	28.7	28.8	28.8	29.0	29.0	29.0	29.3	29.3	29.5	29.5	29.7	30.1
27.9	30.1	30.3	30.6	31.4	31.5	31.7	32.0	32.1	32.1	32.4	32.4	32.6	32.6	32.7	33.2
28.8	31.0	31.1	31.5	32.2	32.4	32.6	32.8	33.0	33.0	33.2	33.2	33.5	33.5	33.6	34.1
30.9	33.1	33.2	33.6	34.4	34.6	34.8	35.2	35.3	35.3	35.5	35.5	35.8	35.8	35.9	36.4
34.9	37.3	37.4	37.9	38.7	38.8	39.1	39.5	39.6	39.6	39.8	39.8	40.2	40.2	40.3	40.8
37.4	39.8	40.7	41.2	42.4	42.6	43.3	43.8	43.9	44.0	44.2	44.2	44.6	44.6	44.7	45.2
40.0	42.4	43.4	44.1	45.3	45.6	46.2	46.7	46.8	46.9	47.2	47.2	47.5	47.5	47.7	48.2
42.2	45.0	46.3	47.1	48.3	48.5	49.3	49.9	50.0	50.1	50.4	50.4	50.9	50.9	51.0	51.5
44.9	48.9	50.5	51.6	53.2	53.4	54.2	54.9	55.0	55.3	55.5	55.5	56.0	56.0	56.3	56.7
46.7	51.6	53.8	55.1	57.0	57.5	58.2	56.9	59.1	59.3	59.6	59.6	60.0	60.0	60.3	60.6
48.0	53.3	56.0	57.8	60.3	60.8	61.5	62.6	62.7	63.0	63.2	63.4	63.8	63.8	64.1	64.6
48.8	54.9	58.0	59.9	63.0	64.0	64.8	65.9	66.1	66.4	66.7	66.9	67.4	67.4	67.9	68.5
50.2	57.0	60.4	63.0	66.5	68.4	69.9	71.2	71.9	72.9	74.1	74.4	75.2	75.4	75.9	76.6
50.9	58.0	61.8	64.3	68.5	70.6	73.5	76.1	77.7	79.8	82.6	82.8	84.6	84.9	86.5	88.6
51.1	58.5	62.5	65.2	69.5	71.6	74.5	77.3	78.9	81.7	84.9	85.2	88.1	88.6	91.3	97.9
51.1	58.5	62.5	65.2	69.5	71.6	74.5	77.3	78.9	81.7	84.9	85.2	88.4	88.8	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 516

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1173 TIN CITY AFS AK 73-81 AUG

1200-1400

13.0	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4
14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.2
15.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3
15.9	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.3
16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5
16.7	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.2
17.0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5
17.9	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.6
20.4	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.3
22.7	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.6
23.8	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.7
24.8	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
25.1	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4
26.1	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4
27.2	28.3	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	26.6
28.3	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3
29.6	31.2	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8
33.5	35.7	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	36.5
35.0	37.2	37.6	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.0
37.8	40.4	40.7	40.7	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.1
40.2	43.0	43.5	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	44.0
42.4	45.7	46.5	46.5	46.7	46.9	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.9
44.1	47.9	48.6	48.6	48.9	49.0	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.0
46.4	50.4	51.6	51.6	52.1	52.4	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.5
47.6	52.6	54.5	55.4	56.1	56.5	57.4	57.5	57.5	57.5	57.5	57.5	57.6	57.6	57.9	58.1
49.9	56.8	58.9	60.4	61.3	61.7	62.7	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.3	63.5
51.5	59.6	61.9	63.8	64.9	65.3	66.7	66.8	66.8	66.8	66.9	66.9	67.0	67.0	67.3	67.5
53.4	62.4	65.2	67.2	68.4	68.8	70.8	70.9	71.2	71.2	71.3	71.3	71.6	71.6	71.8	72.1
54.4	64.4	67.5	70.2	72.2	72.9	75.7	75.9	76.9	77.8	78.7	78.7	79.7	79.7	80.3	80.7
54.4	64.9	68.0	70.9	73.6	74.4	78.2	80.5	81.7	83.8	86.0	86.1	87.8	88.6	89.7	90.7
54.4	65.4	68.7	71.6	74.4	75.4	79.2	81.7	83.0	85.7	88.0	88.1	90.5	91.2	94.0	96.4
54.4	65.4	68.7	71.6	74.4	75.4	79.2	81.8	83.1	85.8	88.1	88.2	90.6	91.4	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 798

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 117? TIN CITY AFS AK 73-61 AUG

PERCENTAGE FREQUENCY OF OCCURRENCE FROM 1 YEAR OBSERVATION 1500-1700

10.9	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2	11.2
12.7	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
14.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
14.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
14.4	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
15.5	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	[illegible]
16.6	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
17.2	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
19.8	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
23.1	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
23.7	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
24.8	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
25.0	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
28.4	29.0	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
30.4	31.5	32.1	32.1	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
31.6	32.9	33.5	33.6	33.6	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
33.2	34.4	35.0	35.3	35.3	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
36.9	38.9	39.7	40.0	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
38.0	40.0	40.8	41.1	41.4	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
39.8	42.0	43.1	43.6	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
42.9	45.4	46.5	47.0	47.3	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
45.6	48.1	49.8	50.2	50.5	50.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
48.7	51.8	53.6	54.1	54.6	54.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
50.4	54.4	56.3	56.7	57.5	57.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
51.8	56.9	59.2	60.6	61.4	61.9	63.3	63.3	63.4	63.4	63.4	63.4	63.6	63.6	63.7	64.0
52.7	58.3	60.8	62.5	63.7	64.2	65.9	65.9	66.0	66.2	66.2	66.2	66.4	66.4	66.5	66.8
54.6	61.2	64.3	66.4	68.1	68.7	70.5	70.7	70.9	71.0	71.0	71.0	71.3	71.3	71.8	72.1
56.0	63.6	66.8	69.3	71.6	72.4	74.6	75.2	75.3	75.5	75.5	75.5	75.8	75.8	76.3	76.6
56.9	64.7	67.9	70.9	73.8	75.0	77.8	79.1	79.4	80.0	80.3	80.5	81.1	81.1	81.6	81.9
57.2	65.7	69.0	72.2	76.1	77.7	81.2	83.7	84.2	85.7	87.0	87.1	89.5	90.2	91.0	91.8
57.2	66.2	69.5	73.0	77.1	78.6	82.3	85.0	85.4	87.0	88.4	88.5	91.8	92.6	94.1	98.6
57.2	66.2	69.5	73.0	77.1	78.6	82.3	85.1	85.6	87.1	88.7	88.8	92.2	93.0	94.6	100.0

TOTAL NUMBER OF OBSERVATIONS 645

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 AUG

2100-2300

10.8	12.1	12.1	12.2	12.2	12.2	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
11.4	13.1	13.1	13.3	13.3	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
11.4	13.1	13.1	13.3	13.3	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
11.4	13.1	13.1	13.3	13.3	13.3	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
11.8	13.5	13.5	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
11.8	13.5	13.5	13.7	13.7	13.7	14.1	14.1	14.1	14.1	14.3	14.3	14.3	14.3	14.3	14.3
13.5	15.4	15.4	15.6	15.6	15.6	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1
13.8	15.9	15.9	16.0	16.0	16.0	16.4	16.4	16.4	16.4	16.6	16.6	16.6	16.6	16.6	16.6
16.3	18.3	18.4	18.6	18.6	18.6	19.0	19.0	19.0	19.0	19.2	19.2	19.2	19.2	19.2	19.2
18.6	20.7	20.9	21.0	21.0	21.0	21.5	21.5	21.5	21.5	21.6	21.6	21.8	21.8	21.8	21.8
19.3	22.0	22.3	22.5	22.6	22.6	23.1	23.1	23.1	23.1	23.2	23.2	23.3	23.3	23.3	23.3
20.2	23.5	23.8	23.9	24.1	24.1	24.5	24.5	24.5	24.5	24.6	24.6	24.8	24.8	24.8	24.8
20.2	23.8	24.1	24.2	24.4	24.4	24.8	24.8	24.8	24.8	24.9	24.9	25.1	25.1	25.1	25.1
21.0	24.6	24.9	25.1	25.2	25.2	25.6	25.6	25.6	25.6	25.8	25.8	25.9	25.9	25.9	25.9
21.6	26.1	26.4	26.5	26.7	26.7	27.1	27.1	27.1	27.1	27.2	27.2	27.4	27.4	27.4	27.4
22.3	26.8	27.1	27.7	28.2	28.2	28.7	28.7	28.7	28.7	28.8	28.8	29.0	29.0	29.0	29.0
24.6	29.4	29.7	30.3	30.8	30.8	31.3	31.3	31.3	31.3	31.4	31.4	31.6	31.6	31.6	31.6
27.1	32.3	32.9	33.6	34.3	34.3	34.9	34.9	34.9	34.9	35.0	35.0	35.2	35.2	35.2	35.2
27.7	33.0	33.7	34.4	35.2	35.2	35.7	35.7	35.7	35.7	35.9	35.9	36.0	36.0	36.0	36.0
29.5	35.4	36.3	37.3	38.0	38.0	38.6	38.6	38.6	38.6	38.8	38.8	38.9	38.9	38.9	38.9
32.1	36.9	39.8	40.9	41.6	41.6	42.2	42.2	42.2	42.2	42.4	42.4	42.5	42.5	42.5	42.5
33.3	40.2	41.1	42.7	43.8	43.8	44.8	45.0	45.0	45.0	45.1	45.1	45.2	45.2	45.2	45.2
36.3	44.1	45.1	47.0	48.1	48.1	49.1	49.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7
39.5	48.1	49.6	51.6	53.0	53.0	54.3	54.5	54.5	54.5	54.8	54.8	54.9	54.9	54.9	54.9
40.6	50.3	51.9	53.9	55.5	55.5	57.6	57.9	57.9	57.9	58.2	58.2	58.4	58.4	58.4	58.4
41.9	52.2	54.2	56.3	58.4	58.4	61.1	61.7	61.7	61.7	62.2	62.2	62.5	62.5	62.5	62.5
42.4	52.7	54.9	57.1	59.4	59.4	62.7	63.3	63.3	63.5	64.1	64.1	64.4	64.4	64.4	65.0
43.7	55.0	57.6	60.1	62.4	62.7	66.9	67.6	67.6	67.9	68.6	68.6	69.0	69.0	69.0	69.7
43.8	56.5	59.4	62.1	64.8	65.1	70.5	72.5	72.5	72.8	74.8	74.8	75.5	75.6	76.4	77.5
43.9	57.3	60.5	63.4	67.4	67.7	74.6	77.4	77.7	78.2	80.6	81.0	82.6	82.9	84.1	85.6
43.9	57.5	60.7	63.5	67.6	67.9	75.1	78.0	78.5	80.3	83.0	83.1	85.4	85.9	88.9	96.0
43.9	57.5	60.7	63.5	67.6	67.9	75.1	78.0	78.5	80.3	83.0	83.1	85.4	85.9	89.2	100.0

TOTAL NUMBER OF OBSERVATIONS 694

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 2170 TIN CITY AFS AK 73-81 AUG

1800-2000

10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
11.5	11.5	11.5	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
11.9	11.9	11.9	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
12.4	12.4	12.4	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
12.6	12.6	12.6	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
13.3	13.3	13.3	13.7	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
14.9	14.9	14.9	15.3	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
16.3	16.3	16.3	16.7	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
18.8	18.8	18.8	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
22.2	22.2	22.2	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3
22.9	22.9	22.9	23.6	23.8	23.8	23.8	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0
24.3	24.3	24.3	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.6	25.6	25.6	25.6
24.5	24.5	24.5	25.4	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8	25.8	25.8	25.8	25.8
26.5	26.5	26.6	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.9	27.9	27.9	27.9	27.9	27.9
27.7	27.9	28.2	29.8	30.0	30.0	30.0	30.2	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.4
28.8	29.1	29.5	31.1	31.4	31.4	31.4	31.6	31.6	31.6	31.8	31.8	31.8	31.8	31.8	31.8
30.7	31.3	31.6	33.2	33.6	33.6	33.6	33.7	33.7	33.7	33.9	33.9	34.1	34.1	34.1	34.1
35.0	35.7	36.1	37.7	38.5	38.5	38.5	38.7	38.7	38.7	38.9	38.9	39.1	39.1	39.1	39.1
36.1	36.9	37.3	38.9	39.8	39.8	39.8	40.0	40.0	40.0	40.1	40.1	40.3	40.3	40.3	40.3
38.9	40.7	41.2	43.0	43.9	43.9	43.9	44.0	44.0	44.0	44.2	44.2	44.4	44.4	44.4	44.4
43.2	45.1	45.6	47.4	48.3	48.8	49.0	49.2	49.2	49.2	49.4	49.4	49.6	49.6	49.6	49.6
44.0	46.5	47.2	49.2	50.6	51.2	51.3	51.5	51.5	51.5	51.7	51.7	51.9	51.9	51.9	51.9
46.7	50.1	50.8	52.9	54.4	54.9	55.1	55.2	55.2	55.2	55.4	55.4	55.6	55.6	55.6	55.6
48.8	52.8	53.5	55.8	57.2	57.7	57.9	58.1	58.3	58.3	58.4	58.4	58.6	58.6	58.6	58.6
50.3	56.1	57.0	59.5	61.3	61.8	62.9	63.1	63.2	63.4	63.6	63.6	63.9	63.9	63.9	63.9
51.7	58.1	59.3	62.3	64.8	65.5	66.6	66.8	67.0	67.1	67.3	67.3	67.9	67.9	67.9	67.9
53.3	60.7	62.2	65.4	67.9	68.6	70.0	70.3	70.5	70.7	70.9	70.9	71.4	71.4	71.4	71.6
54.4	62.9	64.3	68.2	71.6	72.6	74.4	74.8	75.0	75.1	75.3	75.3	75.8	75.8	76.0	76.4
54.5	64.3	66.1	70.3	73.9	75.1	76.9	77.8	78.0	78.2	79.2	79.2	80.1	80.1	80.5	80.8
54.5	64.5	66.3	70.7	74.2	75.5	78.2	79.9	80.1	80.8	83.5	83.5	85.8	86.1	86.9	87.6
54.5	64.7	66.4	71.2	74.8	76.0	79.6	82.1	82.2	83.1	85.8	85.8	88.6	89.5	91.8	98.0
54.5	64.7	66.4	71.2	74.8	76.0	79.6	82.1	82.2	83.1	85.8	85.8	88.6	89.5	91.8	100.0

TOTAL NUMBER OF OBSERVATIONS 563

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 170 TIN CITY AFS AK 73-81 AUG

ALL

11.2	11.7	11.7	11.8	11.8	11.8	11.9	12.0	12.0	12.0	12.1	12.1	12.1	12.1	12.2	12.3
12.2	12.8	12.9	12.9	13.0	13.0	13.2	13.2	13.2	13.2	13.3	13.3	13.4	13.4	13.4	13.6
12.7	13.2	13.3	13.4	13.4	13.5	13.6	13.6	13.6	13.7	13.7	13.7	13.8	13.8	13.9	14.0
12.8	13.4	13.4	13.5	13.6	13.6	13.7	13.8	13.8	13.8	13.9	13.9	13.9	13.9	14.0	14.2
13.7	13.6	13.6	13.7	13.7	13.8	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.2	14.4
13.5	14.2	14.2	14.3	14.3	14.4	14.5	14.6	14.6	14.6	14.7	14.7	14.8	14.8	14.9	15.1
14.5	15.2	15.2	15.3	15.4	15.4	15.6	15.6	15.6	15.7	15.8	15.8	15.8	15.8	15.9	16.1
15.1	15.9	15.9	16.0	16.1	16.1	16.3	16.3	16.3	16.4	16.5	16.5	16.5	16.5	16.6	16.8
17.3	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.8	18.8	18.9	18.9	19.0	19.0	19.1	19.3
19.5	20.6	20.7	20.8	20.9	21.0	21.1	21.2	21.2	21.2	21.3	21.3	21.5	21.5	21.6	21.8
20.5	21.7	21.8	22.0	22.1	22.1	22.3	22.4	22.4	22.4	22.5	22.5	22.7	22.7	22.8	23.0
21.6	23.1	23.3	23.5	23.6	23.6	23.8	23.9	23.9	23.9	24.1	24.1	24.3	24.3	24.4	24.6
21.8	23.4	23.6	23.8	23.9	24.0	24.1	24.3	24.3	24.3	24.4	24.4	24.6	24.6	24.7	24.9
23.3	25.1	25.3	25.5	25.6	25.7	25.9	26.0	26.0	26.1	26.2	26.2	26.4	26.4	26.5	26.7
24.5	26.7	27.0	27.3	27.4	27.6	27.8	27.9	27.9	28.0	28.1	28.1	28.3	28.3	28.4	28.6
25.3	27.7	28.0	28.4	28.7	28.9	29.1	29.2	29.2	29.2	29.3	29.3	29.6	29.6	29.7	29.9
26.7	29.3	29.7	30.1	30.5	30.6	30.8	30.9	30.9	31.0	31.1	31.1	31.3	31.4	31.5	31.7
29.5	32.6	33.3	33.7	34.2	34.4	34.7	34.8	34.9	34.9	35.0	35.0	35.3	35.3	35.4	35.6
30.4	33.7	34.3	34.7	35.3	35.4	35.8	35.9	35.9	35.9	36.1	36.1	36.3	36.3	36.5	36.7
32.4	36.3	37.	37.5	38.1	38.2	38.6	38.7	38.7	38.8	38.9	38.9	39.1	39.1	39.3	39.5
35.3	39.7	40.4	41.0	41.6	41.8	42.2	42.4	42.4	42.4	42.5	42.5	42.8	42.8	43.0	43.2
37.0	41.7	42.9	43.5	44.4	44.6	45.4	45.7	45.7	45.8	45.9	45.9	46.2	46.2	46.4	46.6
39.3	44.6	45.9	46.6	47.5	47.8	48.5	48.9	48.9	49.0	49.1	49.1	49.4	49.4	49.5	49.7
41.5	47.4	48.9	49.7	50.8	51.1	52.0	52.3	52.4	52.5	52.6	52.6	52.9	53.0	53.1	53.3
43.2	50.2	52.2	53.4	54.7	55.1	56.4	56.8	56.9	57.0	57.2	57.2	57.6	57.6	57.8	58.0
44.4	52.3	54.6	56.1	57.8	58.4	59.8	60.5	60.6	60.8	61.1	61.1	61.5	61.5	61.7	62.0
45.7	54.2	56.8	58.5	60.6	61.1	62.8	63.7	63.8	64.2	64.4	64.4	64.9	64.9	65.2	65.6
46.7	56.1	59.0	61.0	63.8	64.6	66.8	67.8	67.9	68.4	68.7	68.7	69.4	69.4	69.8	70.3
47.4	57.7	61.0	63.5	66.8	67.9	71.0	72.7	73.1	74.0	74.9	75.0	76.1	76.2	76.9	77.6
47.7	58.5	61.9	64.5	68.6	69.9	74.1	76.7	77.5	79.5	81.8	82.0	84.1	84.5	86.0	87.8
47.8	58.6	62.3	64.9	69.1	70.5	74.8	77.7	78.6	81.1	83.7	83.9	86.8	87.3	90.4	96.8
47.8	58.8	62.3	64.9	69.1	70.5	74.8	77.8	78.6	81.2	83.8	84.0	86.9	87.5	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS 5963

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7.1170 TIN CITY AFS AK 73-81 SEP

0000-0200

17.2	22.1	22.2	22.2	22.3	22.5	22.5	22.5	22.5	23.0	23.5	23.5	24.0	24.0	24.0	24.0
18.1	23.0	23.1	23.1	23.2	23.4	23.4	23.4	23.4	23.9	24.4	24.4	24.9	24.9	24.9	24.9
18.4	23.4	23.5	23.5	23.6	23.7	23.7	23.7	23.7	24.3	24.8	24.8	25.3	25.3	25.3	25.3
18.9	23.9	24.0	24.0	24.1	24.3	24.3	24.3	24.3	24.8	25.3	25.3	25.8	25.8	25.8	25.8
18.9	23.9	24.0	24.0	24.1	24.3	24.3	24.3	24.3	24.8	25.3	25.3	25.8	25.8	25.8	25.8
19.0	24.0	24.1	24.1	24.3	24.4	24.4	24.4	24.4	24.9	25.4	25.4	25.9	25.9	25.9	25.9
19.1	24.4	24.5	24.5	24.6	24.8	24.8	24.8	24.8	25.3	25.8	25.8	26.3	26.3	26.3	26.3
19.4	24.9	25.0	25.0	25.2	25.3	25.3	25.3	25.3	25.8	26.3	26.3	26.8	26.8	26.8	26.8
20.7	28.4	28.5	28.5	28.6	28.8	28.8	28.8	28.8	29.3	29.8	29.8	30.3	30.3	30.3	30.3
23.4	31.3	31.5	31.5	31.6	31.7	31.7	31.7	31.7	32.2	32.7	32.7	33.2	33.2	33.2	33.2
24.5	33.1	33.2	33.2	33.4	33.5	33.5	33.5	33.5	34.0	34.5	34.5	35.0	35.0	35.0	35.0
26.1	34.9	35.0	35.0	35.2	35.3	35.3	35.3	35.3	35.8	36.3	36.3	36.8	36.8	36.8	36.8
27.0	35.9	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.8	37.4	37.4	37.9	37.9	37.9	37.9
28.8	38.3	38.4	38.4	38.9	39.0	39.0	39.0	39.0	39.5	40.1	40.1	40.6	40.6	40.6	40.6
30.4	41.5	41.7	41.7	42.4	42.5	42.5	42.5	42.5	43.0	43.5	43.5	44.0	44.0	44.0	44.0
31.2	43.1	43.4	43.4	44.4	44.5	44.5	44.5	44.5	45.1	45.6	45.6	46.1	46.1	46.1	46.1
32.2	46.2	46.6	46.6	47.8	47.9	47.9	47.9	47.9	48.4	48.9	48.9	49.4	49.4	49.4	49.4
34.4	51.5	52.0	52.2	53.7	53.9	53.9	53.9	53.9	54.4	54.9	54.9	55.5	55.5	55.5	55.5
35.6	52.9	53.4	53.9	55.5	55.7	55.7	55.7	55.7	56.2	56.7	56.7	57.3	57.3	57.3	57.3
37.0	55.5	56.4	57.3	59.2	59.4	59.6	59.6	59.6	60.1	60.6	60.6	61.1	61.1	61.1	61.1
38.6	59.4	61.6	63.0	65.3	65.7	65.9	65.9	65.9	66.4	66.9	66.9	67.4	67.4	67.4	67.4
39.8	62.5	65.2	66.6	69.6	70.0	70.2	70.3	70.3	70.9	71.4	71.4	71.9	71.9	71.9	71.9
40.3	63.9	66.8	68.2	71.4	71.8	72.0	72.1	72.1	72.7	73.2	73.2	73.7	73.7	73.7	73.7
40.7	66.5	69.8	71.5	75.2	75.9	76.1	76.3	76.3	76.8	77.4	77.4	77.9	77.9	77.9	77.9
41.3	67.9	71.4	73.0	76.9	77.5	77.8	78.0	78.0	78.6	79.3	79.3	79.8	79.8	79.8	79.8
41.8	69.4	73.0	75.1	79.7	80.4	80.6	81.5	81.6	82.3	83.3	83.3	83.8	83.8	84.0	84.2
42.7	70.9	74.7	77.0	82.0	82.7	82.9	83.8	84.0	84.6	85.6	85.6	86.1	86.1	86.3	86.5
43.0	72.1	76.4	79.1	85.0	86.0	86.8	87.8	88.1	89.3	90.4	90.4	90.9	90.9	91.0	91.3
43.1	72.7	76.9	79.6	85.5	86.6	87.5	88.6	89.5	91.0	92.0	92.0	92.6	92.6	92.7	92.9
43.1	72.7	76.9	79.6	85.6	87.2	88.2	89.5	90.6	92.4	94.0	94.0	94.9	94.9	95.5	95.9
43.1	72.7	76.9	79.6	85.6	87.2	88.2	89.6	90.9	92.7	94.5	94.5	96.0	96.0	97.0	98.8
43.1	72.7	76.9	79.6	85.6	87.2	88.2	89.6	90.9	92.7	94.5	94.5	96.0	96.0	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 779

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7-1170 TIN CITY AFS AK 73-81 SEP

0300-0500

17.1	20.7	20.7	20.7	20.8	20.8	20.9	21.1	21.5	21.5	21.7	21.7	21.8	21.8	22.2	22.3
18.3	22.0	22.0	22.0	22.2	22.2	22.3	22.5	22.9	22.9	23.1	23.1	23.2	23.2	23.6	23.8
18.4	22.3	22.3	22.3	22.6	22.6	22.7	22.9	23.2	23.2	23.5	23.5	23.8	23.8	24.3	24.4
18.8	22.7	22.7	22.7	23.0	23.0	23.1	23.2	23.6	23.6	23.9	23.9	24.1	24.1	24.6	24.8
18.8	22.7	22.7	22.7	23.0	23.0	23.1	23.2	23.6	23.6	23.9	23.9	24.1	24.1	24.6	24.8
18.8	22.7	22.7	22.7	23.0	23.0	23.1	23.2	23.6	23.6	23.9	23.9	24.1	24.1	24.6	24.8
18.9	23.0	23.0	23.0	23.2	23.2	23.4	23.5	23.9	23.9	24.1	24.1	24.4	24.4	24.9	25.0
18.9	23.4	23.4	23.4	23.6	23.6	23.8	23.9	24.3	24.3	24.5	24.5	24.8	24.8	25.3	25.4
20.3	26.7	26.7	26.7	26.9	26.9	27.1	27.2	27.6	27.6	27.8	27.8	28.1	28.1	28.6	28.7
23.0	29.5	29.5	29.5	29.8	29.8	29.9	30.0	30.4	30.4	30.7	30.7	30.9	30.9	31.4	31.5
24.0	31.4	31.4	31.4	31.7	31.7	31.8	31.9	32.3	32.3	32.6	32.6	32.8	32.8	33.3	33.5
25.3	33.3	33.3	33.3	33.6	33.6	33.7	33.8	34.2	34.2	34.5	34.5	34.7	34.7	35.2	35.4
26.6	34.7	34.7	34.7	35.0	35.0	35.1	35.2	35.6	35.6	35.9	35.9	36.1	36.1	36.7	36.8
28.5	37.0	37.0	37.0	37.3	37.3	37.4	37.5	37.9	37.9	38.2	38.2	38.4	38.4	39.0	39.1
30.4	40.0	40.6	40.6	40.9	40.9	41.0	41.1	41.5	41.5	41.8	41.8	42.0	42.0	42.5	42.7
32.7	43.2	43.8	43.8	44.1	44.1	44.2	44.4	44.8	44.8	45.1	45.1	45.3	45.3	45.8	46.0
33.6	46.0	46.7	46.9	47.4	47.4	47.5	47.8	48.1	48.1	48.4	48.4	48.7	48.7	49.2	49.3
35.8	50.8	52.0	52.2	53.1	53.1	53.4	53.6	54.0	54.0	54.3	54.3	54.5	54.5	55.0	55.2
36.7	52.0	53.5	53.9	54.9	54.9	55.2	55.4	55.8	55.8	56.1	56.1	56.3	56.3	56.8	57.0
37.9	54.3	55.9	56.7	58.5	58.5	59.0	59.4	59.8	59.9	60.2	60.2	60.4	60.4	60.9	61.0
39.3	57.9	59.9	61.3	63.2	63.2	63.7	64.1	64.5	64.8	65.0	65.0	65.3	65.3	65.8	65.9
40.2	61.2	64.0	65.5	68.5	68.5	69.6	70.1	70.5	70.8	71.0	71.0	71.3	71.3	71.8	71.9
41.0	63.0	65.9	67.6	70.5	70.5	71.6	72.2	72.5	72.8	73.1	73.1	73.3	73.3	73.8	73.9
41.9	65.4	69.2	71.1	75.1	75.1	76.2	76.8	77.1	77.4	77.8	77.8	78.0	78.0	78.5	78.7
42.3	66.7	71.0	73.1	77.0	77.0	78.2	79.2	79.6	79.8	80.2	80.2	80.6	80.6	81.1	81.2
42.5	68.1	73.3	76.0	80.7	80.7	82.1	83.9	84.5	84.9	85.6	85.6	86.1	86.1	86.6	86.7
43.4	69.5	74.8	77.5	82.4	82.4	83.8	85.6	86.2	86.6	87.2	87.2	88.0	88.0	88.5	88.6
43.4	70.4	75.9	78.5	83.8	84.0	85.8	87.6	88.3	89.0	89.7	89.7	90.4	90.4	90.9	91.1
43.4	70.5	76.0	78.8	84.0	84.5	86.7	88.9	90.4	91.6	92.6	92.6	93.5	93.5	94.1	94.3
43.4	70.5	76.0	78.8	84.2	84.8	87.4	89.7	91.2	92.3	94.0	94.0	94.9	94.9	95.9	96.2
43.4	70.5	76.0	78.8	84.2	84.8	87.5	89.8	91.4	92.7	94.4	94.4	95.4	95.5	96.9	99.4
43.4	70.5	76.0	78.8	84.2	84.8	87.5	89.8	91.4	92.7	94.4	94.4	95.4	95.5	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

70117C TIN CITY AFS AK 73-81 SEP

PERCENTAGE FREQUENCY OF OCCURRENCE 0600-0800
FROM ALL OBSERVATIONS

13.0	13.3	13.4	13.4	13.4	13.4	13.4	13.6	13.6	13.7	13.9	13.9	13.9	13.9	13.9	14.1
14.5	14.7	14.8	14.8	14.8	14.8	14.8	15.0	15.0	15.1	15.5	15.5	15.5	15.5	15.6	15.7
15.2	15.5	15.6	15.6	15.6	15.6	15.6	15.7	15.7	15.9	16.2	16.2	16.2	16.2	16.6	16.8
16.0	16.2	16.4	16.4	16.4	16.4	16.4	16.5	16.5	16.6	17.0	17.0	17.0	17.0	17.4	17.5
16.2	16.5	16.6	16.6	16.6	16.6	16.6	16.8	16.8	16.9	17.3	17.3	17.3	17.3	17.6	17.8
16.8	17.0	17.1	17.1	17.1	17.1	17.1	17.3	17.3	17.4	17.8	17.8	17.8	17.8	18.2	18.3
16.9	17.1	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.5	17.9	17.9	17.9	17.9	18.3	18.4
17.0	17.3	17.4	17.4	17.4	17.4	17.4	17.5	17.5	17.6	18.0	18.0	18.0	18.0	18.4	18.5
19.4	20.1	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.5	20.6	20.8	21.0	21.0	21.5	21.6
21.9	22.9	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.3	23.7	23.7	23.8	23.8	24.3	24.4
22.6	23.7	23.8	23.8	23.8	23.8	23.8	23.9	23.9	24.0	24.4	24.4	24.6	24.6	25.1	25.2
23.4	24.7	24.9	24.9	24.9	24.9	24.9	25.1	25.1	25.2	25.6	25.6	25.7	25.7	26.2	26.3
23.9	25.2	25.4	25.4	25.4	25.4	25.4	25.6	25.6	25.7	26.1	26.1	26.2	26.2	26.7	26.9
26.0	27.4	27.6	27.7	27.7	27.7	27.7	27.9	27.9	28.1	28.5	28.5	28.6	28.6	29.2	29.3
29.3	31.6	32.4	32.9	33.1	33.1	33.1	33.4	33.4	33.8	34.1	34.1	34.3	34.3	34.8	34.9
32.2	34.9	35.7	36.2	36.4	36.4	36.6	36.8	36.8	37.3	37.7	37.7	37.9	37.9	38.4	38.5
36.1	40.9	41.7	42.3	42.7	42.7	43.0	43.2	43.2	43.7	44.1	44.1	44.2	44.2	44.8	44.9
41.2	48.2	49.0	49.7	50.5	50.5	50.9	51.2	51.2	51.7	52.0	52.0	52.2	52.2	52.7	52.8
43.1	50.9	51.7	52.7	53.7	54.0	54.3	54.6	54.6	55.2	55.6	55.6	55.8	55.6	56.3	56.4
43.9	52.3	53.2	54.2	55.5	55.9	56.3	56.8	56.9	57.7	58.1	58.1	58.2	58.2	58.7	58.8
46.8	56.1	57.2	58.4	59.8	60.4	60.9	61.6	61.8	62.5	62.9	62.9	63.0	63.0	63.6	63.7
48.8	59.7	61.1	62.7	64.8	65.6	66.1	67.1	67.3	68.1	68.4	68.4	68.5	68.5	69.1	69.2
50.4	61.4	62.9	64.5	66.6	67.4	67.9	68.9	69.1	69.6	70.2	70.2	70.3	70.3	70.8	71.0
52.1	63.4	65.6	67.3	69.6	70.3	71.6	72.8	72.9	73.7	74.0	74.0	74.2	74.2	74.7	74.8
53.2	66.0	68.3	69.9	72.3	73.0	74.8	76.2	76.3	77.1	77.5	77.5	77.6	77.6	78.1	78.3
53.5	68.0	71.9	73.5	76.5	77.4	79.5	80.9	81.5	82.4	83.5	83.5	83.6	83.6	84.1	84.3
54.5	69.9	73.9	75.8	79.2	80.4	82.7	84.5	85.0	85.9	87.3	87.3	87.5	87.5	88.0	88.1
54.6	70.7	74.7	76.6	80.2	81.6	84.5	86.7	87.2	88.5	89.9	89.9	90.0	90.0	90.7	91.0
54.9	71.1	75.1	77.0	80.6	82.1	85.3	87.9	88.4	89.6	91.7	91.7	91.8	91.8	92.6	93.0
54.9	71.4	75.4	77.4	80.9	82.6	86.3	89.0	89.8	91.2	93.4	93.4	94.2	94.2	95.7	96.2
54.9	71.4	75.4	77.4	80.9	82.6	86.3	89.0	89.9	91.4	93.7	93.7	94.9	95.0	97.2	99.6
54.9	71.4	75.4	77.4	80.9	82.6	86.3	89.0	89.9	91.4	93.7	93.7	94.9	95.0	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 SEP

0900-1100

12.7	12.7	12.7	12.7	12.9	12.9	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.2	13.2
14.4	14.4	14.4	14.4	14.5	14.5	14.6	14.6	14.6	14.8	14.8	14.8	14.8	14.8	14.9	14.9
15.4	15.4	15.4	15.4	15.5	15.5	15.7	15.7	15.7	15.8	15.8	15.8	15.8	16.1	16.3	16.3
15.9	15.9	15.9	15.9	16.1	16.1	16.2	16.2	16.2	16.3	16.3	16.3	16.3	16.6	16.8	16.8
16.9	16.9	16.9	16.9	17.1	17.1	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.6	17.8	17.8
18.1	18.1	18.1	18.1	18.2	18.2	18.3	18.3	18.3	18.5	18.5	18.5	18.5	18.7	19.0	19.0
18.9	18.9	18.9	18.9	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.5	19.7	19.7
19.5	19.5	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.9	19.9	19.9	19.9	20.1	20.4	20.4
21.8	21.8	21.8	21.8	22.0	22.0	22.2	22.2	22.2	22.3	22.3	22.3	22.3	22.5	22.8	22.8
24.2	24.3	24.3	24.3	24.6	24.6	24.7	24.7	24.7	24.8	24.8	24.6	24.8	25.1	25.4	25.4
25.2	25.4	25.4	25.4	25.6	25.6	25.7	25.7	25.7	25.9	25.9	25.9	25.9	26.1	26.4	26.4
26.6	26.8	26.9	26.9	27.1	27.1	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.6	27.9	27.9
27.0	27.1	27.3	27.3	27.5	27.5	27.6	27.6	27.6	27.8	27.8	27.8	27.8	28.0	28.3	28.3
28.9	29.2	29.3	29.3	29.6	29.6	29.7	29.7	29.7	29.8	29.8	29.8	29.8	30.1	30.3	30.3
33.1	33.5	33.6	33.6	34.0	34.0	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.5	34.8	34.8
36.1	36.8	36.9	36.9	37.5	37.5	37.7	37.7	37.7	37.8	37.8	37.8	37.8	38.2	38.5	38.5
41.3	43.1	43.2	43.2	43.7	43.7	43.9	44.2	44.2	44.3	44.3	44.3	44.3	44.7	45.0	45.0
48.8	53.4	53.6	53.6	54.3	54.6	55.0	55.4	55.4	55.5	55.5	55.5	55.5	55.9	56.2	56.2
50.6	55.4	55.8	55.8	56.4	56.9	57.3	57.7	57.7	57.8	57.8	57.8	57.8	58.2	58.5	58.5
52.6	58.1	58.5	58.5	59.2	59.7	60.1	60.5	60.5	60.6	60.6	60.6	60.6	61.0	61.3	61.3
55.4	62.2	63.1	63.1	63.9	64.6	65.0	65.4	65.4	65.5	65.5	65.5	65.5	65.9	66.1	66.1
58.6	66.2	67.1	67.1	68.3	69.0	69.4	69.8	69.8	69.9	69.9	69.9	69.9	70.3	70.6	70.6
60.3	68.2	69.0	69.0	70.2	71.0	71.3	71.7	71.7	71.8	71.8	71.8	71.8	72.2	72.5	72.5
62.2	70.7	71.7	71.8	73.0	73.8	74.5	75.0	75.0	75.3	75.3	75.3	75.3	75.7	75.9	75.9
63.8	72.9	73.9	74.0	75.3	76.2	77.3	78.2	78.2	78.5	78.5	78.5	78.5	78.9	79.1	79.1
64.8	75.0	77.2	77.5	79.4	80.3	81.7	82.7	82.7	82.9	83.8	83.6	83.8	84.2	84.5	84.5
65.6	76.3	78.7	79.2	81.3	82.3	83.9	85.4	85.4	85.7	86.6	86.6	86.8	87.1	87.4	87.4
66.1	77.5	79.9	80.6	82.9	83.9	85.9	88.0	88.3	89.0	90.6	90.6	90.7	91.1	91.3	91.3
66.2	78.0	80.4	81.1	83.6	84.7	86.6	89.3	89.6	90.7	92.4	92.4	92.7	93.	93.4	93.4
66.4	78.5	81.1	81.9	84.5	85.6	88.3	91.2	91.6	93.0	95.4	95.4	96.4	96.9	98.1	98.5
66.4	78.5	81.1	81.9	84.6	86.0	88.7	91.6	92.0	93.5	96.1	96.1	97.1	97.6	98.9	100.0
66.4	78.5	81.1	81.9	84.6	86.0	88.7	91.6	92.0	93.5	96.1	96.1	97.1	97.6	98.9	100.0

785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 SEP

PER CENT FREQUENCY OF OCCURRENCE 1200-1400
FOR HOURLY OBSERVATIONS

13.4	14.2	14.2	14.2	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
15.6	16.4	16.4	16.4	16.5	16.5	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
17.5	18.3	18.3	18.3	18.4	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	16.5
18.1	19.0	19.0	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
19.2	20.0	20.0	20.0	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
20.2	21.0	21.0	21.0	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
21.1	21.8	21.8	21.8	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
22.4	23.3	23.3	23.3	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
24.3	25.1	25.1	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
27.3	28.1	28.1	28.1	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	26.4
28.1	28.9	28.9	28.9	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
29.2	30.0	30.0	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
29.6	30.4	30.4	30.4	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
30.9	31.9	32.0	32.0	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
33.7	34.7	34.8	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
38.1	39.5	39.7	39.7	39.8	39.6	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
42.3	44.1	44.2	44.2	44.4	44.4	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
52.4	55.2	55.9	56.0	56.2	56.5	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
55.4	58.3	59.1	59.3	59.8	60.1	60.5	60.6	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8
57.8	61.0	61.8	62.0	62.5	62.8	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
61.0	65.9	66.8	67.1	67.7	68.0	68.5	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0
63.7	69.0	70.0	70.3	71.2	71.5	72.4	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3
65.5	71.1	72.2	72.4	73.4	73.7	74.6	74.9	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4
66.8	73.3	74.9	75.3	76.5	76.7	77.8	78.1	78.4	78.6	78.6	78.6	78.6	78.6	78.5	78.6
67.9	74.7	76.3	76.7	78.0	78.2	79.6	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5
69.5	78.1	80.2	80.6	82.3	82.5	84.3	85.1	65.3	85.8	85.8	85.8	85.8	85.8	85.8	55.8
70.2	79.7	82.0	82.5	84.4	84.9	87.0	88.2	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
70.4	80.1	82.7	83.3	85.2	85.8	87.8	89.5	90.2	91.4	91.8	91.8	91.8	91.8	91.8	91.8
71.0	80.8	83.5	84.1	86.0	86.7	88.7	90.7	91.4	92.9	93.3	93.3	94.0	94.0	94.0	94.0
71.0	81.0	83.7	84.4	87.1	87.8	90.3	92.6	93.3	94.9	96.0	96.0	96.8	96.8	97.0	97.7
71.0	81.0	83.7	84.4	87.1	87.8	90.3	92.6	93.4	95.0	96.1	96.1	96.9	96.9	97.6	99.7
71.0	81.0	83.7	84.4	87.1	87.8	90.3	92.6	93.4	95.0	96.4	96.4	97.2	97.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1171 TIN CITY AFS AK 73-81 SEP

1500-1700

13.5	13.7	13.7	13.7	13.7	13.9	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
15.5	15.7	15.7	15.7	15.7	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.2	16.3	16.3
16.8	17.0	17.0	17.0	17.0	17.1	17.3	17.3	17.3	17.3	17.6	17.6	17.8	17.8	17.9	17.9
17.3	17.4	17.4	17.4	17.4	17.6	17.8	17.8	17.8	17.8	18.1	18.1	18.3	18.3	18.4	18.4
18.4	18.6	18.6	18.6	18.6	18.7	18.9	18.9	18.9	18.9	19.2	19.2	19.4	19.4	19.5	19.5
19.1	19.2	19.2	19.2	19.2	19.4	19.5	19.5	19.5	19.5	19.9	19.9	20.0	20.0	20.2	20.2
19.4	19.5	19.5	19.5	19.5	19.7	19.9	19.9	19.9	19.9	20.2	20.2	20.4	20.4	20.5	20.5
20.7	20.8	20.8	20.8	20.8	21.0	21.2	21.2	21.2	21.2	21.5	21.5	21.6	21.6	21.8	21.8
23.4	23.6	23.6	23.6	23.6	23.7	23.9	23.9	23.9	23.9	24.2	24.2	24.4	24.4	24.6	24.6
26.7	26.8	26.8	26.8	26.8	27.0	27.1	27.1	27.1	27.1	27.5	27.5	27.6	27.6	27.8	27.8
27.5	27.6	27.6	27.6	27.6	27.8	27.9	27.9	27.9	27.9	28.3	28.3	28.4	28.4	28.6	28.6
28.8	28.9	28.9	28.9	28.9	29.1	29.2	29.2	29.2	29.2	29.6	29.6	29.7	29.7	29.9	29.9
29.4	29.6	29.6	29.6	29.6	29.7	29.9	29.9	29.9	29.9	30.2	30.2	30.4	30.4	30.5	30.5
30.2	30.7	31.0	31.0	31.2	31.3	31.5	31.5	31.5	31.5	31.8	31.8	32.0	32.0	32.1	32.1
33.8	34.2	34.6	34.6	34.7	34.9	35.1	35.1	35.1	35.1	35.4	35.4	35.5	35.5	35.7	35.7
38.6	39.1	39.4	39.4	39.7	39.9	40.1	40.1	40.1	40.1	40.4	40.4	40.5	40.5	40.7	40.7
43.8	44.6	45.1	45.1	45.4	45.6	45.7	45.7	45.7	45.7	46.0	46.0	46.2	46.2	46.4	46.4
54.1	55.4	55.9	56.1	56.5	56.7	56.9	56.9	56.9	56.9	57.2	57.2	57.4	57.4	57.5	57.5
56.4	58.0	58.6	59.0	59.5	59.6	59.8	59.8	59.8	59.8	60.1	60.1	60.3	60.3	60.4	60.4
59.3	61.4	62.0	62.4	62.8	63.0	63.2	63.2	63.2	63.2	63.5	63.5	63.7	63.7	63.8	63.8
61.4	64.8	65.9	66.4	67.4	67.7	68.0	68.0	68.0	68.0	68.3	68.3	68.5	68.5	68.7	68.7
64.0	68.7	70.0	70.4	71.9	72.5	72.9	72.9	72.9	72.9	73.2	73.2	73.3	73.3	73.5	73.5
65.6	70.8	72.1	72.7	74.2	74.8	75.1	75.1	75.1	75.1	75.4	75.4	75.6	75.6	75.8	75.8
66.2	72.5	74.2	74.8	76.6	77.2	77.7	77.7	77.7	77.7	78.0	78.0	78.2	78.2	78.4	78.4
67.2	74.2	75.8	76.4	78.2	79.0	79.5	79.5	79.5	79.5	79.8	79.8	80.0	80.0	80.1	80.1
68.8	76.4	78.4	79.0	80.9	82.4	83.4	83.4	83.4	83.4	83.7	83.7	83.8	83.8	84.0	84.0
70.0	78.0	80.0	80.9	83.4	85.1	86.4	86.6	86.6	86.6	86.9	86.9	87.1	87.1	87.2	87.2
70.3	79.0	81.1	82.1	85.0	87.1	88.5	88.9	88.9	88.9	89.3	89.3	89.5	89.5	89.7	89.8
70.6	79.5	81.9	83.2	86.4	88.5	90.0	90.5	90.5	90.5	91.6	91.6	91.8	91.8	91.9	92.2
71.2	80.9	83.7	85.0	88.5	90.6	92.9	93.7	94.0	94.2	96.1	96.1	96.4	96.4	96.6	97.3
71.2	80.9	83.7	85.0	88.5	90.6	92.9	93.7	94.0	94.2	96.1	96.1	96.8	96.8	96.9	99.5
71.2	80.9	83.7	85.0	88.5	90.6	92.9	93.7	94.0	94.2	96.1	96.1	96.8	96.8	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 619

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

2

7 1170 TIN CITY AFS AK 73,75-81 SEP

1800-2100

13.6	13.8	13.8	13.8	13.8	13.9	14.1	14.1	14.1	14.1	14.1	14.1	14.7	14.7	14.9	15.0
14.1	14.3	14.3	14.3	14.3	14.5	14.7	14.7	14.7	14.7	14.7	14.7	15.2	15.2	15.4	15.6
15.4	15.6	15.6	15.6	15.6	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.7	16.7	17.1	17.2
15.6	15.8	15.8	15.8	15.8	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.9	16.9	17.2	17.4
16.1	16.3	16.3	16.3	16.3	16.5	16.7	16.7	16.7	16.7	16.7	16.7	17.4	17.4	17.8	18.0
16.1	16.3	16.3	16.3	16.3	16.5	16.7	16.7	16.7	16.7	16.7	16.7	17.4	17.4	17.8	18.0
16.7	17.1	17.1	17.1	17.1	17.2	17.4	17.4	17.4	17.4	17.4	17.4	18.2	18.2	18.5	18.7
18.0	18.3	18.3	18.3	18.3	18.5	18.7	18.7	18.7	18.7	18.7	18.7	19.4	19.4	19.8	20.0
20.6	20.9	20.9	20.9	20.9	21.1	21.3	21.3	21.3	21.3	21.3	21.3	22.0	22.0	22.4	22.6
24.8	25.7	25.7	25.7	25.7	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.8	26.8	27.2	27.3
26.1	27.0	27.0	27.0	27.0	27.2	27.3	27.3	27.3	27.3	27.3	27.3	28.1	28.1	28.4	28.6
27.0	27.9	28.1	28.1	28.1	28.3	28.4	28.4	28.4	28.4	28.4	28.4	29.2	29.2	29.5	29.7
27.5	28.4	28.6	28.6	28.6	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.7	29.7	30.1	30.3
28.8	29.7	29.9	29.9	30.1	30.3	30.5	30.5	30.5	30.5	30.5	30.5	31.2	31.2	31.6	31.7
32.1	33.0	33.2	33.2	33.4	33.6	33.8	33.8	33.8	33.8	33.8	33.8	34.5	34.5	34.9	35.0
35.4	37.1	37.2	37.2	37.4	37.6	37.8	37.8	37.8	37.8	37.8	37.8	38.5	38.5	38.9	39.1
39.1	41.3	42.0	42.0	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6	43.3	43.3	43.7	43.9
49.4	53.4	54.5	54.5	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	56.1	56.1	56.5	56.7
52.3	56.3	57.4	57.6	58.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	59.3	59.3	59.6	59.6
54.7	58.7	59.8	60.0	61.1	61.3	61.5	61.5	61.5	61.5	61.5	61.5	62.2	62.2	62.6	62.8
58.5	61.7	62.8	62.9	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.7	65.7	66.1	66.2
60.7	67.0	68.3	68.6	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.3	72.7	72.8
62.8	69.5	70.8	71.2	73.8	74.1	74.3	74.3	74.3	74.3	74.3	74.3	75.0	75.0	75.4	75.6
64.0	72.5	74.1	75.0	78.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	79.4	79.4	79.8	80.0
65.0	73.8	75.4	76.3	79.3	79.6	80.0	80.0	80.0	80.2	80.2	80.2	80.9	80.9	81.3	81.5
65.9	75.4	77.6	79.1	82.4	82.9	84.4	84.4	84.6	84.8	84.8	84.8	85.7	85.7	86.1	86.2
66.2	76.1	78.7	80.7	84.4	85.0	86.8	86.8	87.0	87.2	87.2	87.2	88.1	88.1	88.4	88.6
66.6	76.5	79.1	81.1	84.8	85.3	87.2	87.5	87.7	87.9	88.6	88.6	89.5	89.5	89.9	90.1
67.0	76.9	79.6	81.8	85.5	86.1	88.1	88.4	88.6	88.8	89.7	89.7	90.8	91.2	92.3	92.8
67.3	77.4	80.6	82.8	86.4	87.0	89.7	90.5	90.6	90.8	92.1	92.1	93.6	93.9	95.0	95.6
67.3	77.4	80.6	82.6	86.6	87.2	89.9	90.8	91.0	91.4	92.8	92.8	95.0	95.6	96.7	98.9
67.3	77.4	80.6	82.8	86.6	87.2	89.9	90.8	91.0	91.4	92.8	92.6	95.6	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 545

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 SEP

2100-2300

16.4	19.4	19.6	19.6	19.7	19.7	19.7	19.7	19.9	19.9	19.9	19.9	20.0	20.0	20.4	20.4
16.7	19.7	19.9	19.9	20.0	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.3	20.3	20.7	20.7
17.0	20.4	20.6	20.6	20.7	20.7	20.7	20.7	20.9	20.9	20.9	20.9	21.0	21.0	21.5	21.5
17.8	21.2	21.3	21.3	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.8	21.8	22.2	22.2
17.8	21.2	21.3	21.3	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.9	21.9	22.5	22.5
17.8	21.2	21.3	21.3	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.9	21.9	22.5	22.5
18.1	21.9	22.1	22.1	22.2	22.2	22.2	22.2	22.4	22.4	22.4	22.4	22.7	22.7	23.3	23.3
18.7	22.5	22.7	22.7	22.8	22.8	22.8	22.8	23.0	23.0	23.0	23.0	23.3	23.3	23.9	23.9
20.4	25.8	25.9	26.1	26.2	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.7	26.7	27.3	27.3
22.7	28.4	28.6	28.7	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.5	29.5	30.1	30.1
24.4	30.2	30.4	30.5	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.0	31.3	31.3	31.9	31.9
25.3	31.1	31.3	31.4	31.7	31.7	31.7	31.7	31.9	31.9	31.9	31.9	32.1	32.1	32.7	32.7
26.2	32.0	32.1	32.3	32.6	32.6	32.6	32.6	32.7	32.7	32.7	32.7	33.0	33.0	33.6	33.6
27.7	34.2	34.4	34.5	34.8	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.3	35.3	35.9	35.9
29.8	38.2	38.8	39.0	39.3	39.3	39.4	39.4	39.6	39.6	39.6	39.6	39.9	39.9	40.4	40.4
31.6	40.4	41.0	41.2	41.8	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.4	42.4	43.0	43.0
34.4	45.0	45.6	45.8	46.4	46.4	46.5	46.8	47.0	47.0	47.0	47.0	47.3	47.3	47.9	47.9
37.5	51.0	52.6	52.9	53.6	53.6	53.8	54.1	54.2	54.2	54.2	54.2	54.5	54.5	55.1	55.1
39.1	52.9	54.7	55.3	56.3	56.3	56.4	56.7	56.9	56.9	56.9	56.9	57.2	57.2	57.8	57.8
39.9	55.0	56.9	58.2	59.6	59.7	60.0	60.3	60.4	60.4	60.4	60.4	60.7	60.7	61.3	61.3
42.2	60.0	62.2	63.6	65.5	65.6	66.1	66.4	66.5	66.5	66.5	66.5	66.8	66.8	67.4	67.4
43.4	62.7	65.3	66.8	69.2	69.3	69.8	70.1	70.2	70.2	70.2	70.2	70.5	70.5	71.1	71.1
44.7	64.4	67.3	68.7	71.1	71.3	71.7	72.0	72.1	72.1	72.1	72.1	72.4	72.4	73.0	73.0
46.7	67.9	71.6	73.5	76.3	76.6	77.3	77.9	78.1	78.1	78.1	78.1	78.4	76.4	79.0	79.0
47.3	69.0	72.9	75.1	77.9	78.4	79.1	79.7	79.9	79.9	79.9	79.9	80.1	80.1	80.7	80.7
48.1	71.1	75.4	78.1	81.5	82.2	83.3	84.3	84.4	84.6	84.7	84.7	85.0	85.0	85.6	85.6
48.6	72.6	77.2	80.0	83.6	84.3	85.5	86.7	86.8	87.0	87.1	87.1	87.6	87.6	88.1	88.1
49.0	73.5	78.2	81.2	85.2	85.9	87.7	88.9	89.0	89.3	89.6	89.6	90.1	90.1	90.8	90.8
49.0	73.5	78.5	81.6	85.6	86.5	88.6	89.9	90.7	91.0	91.7	91.7	92.4	92.4	93.2	93.2
49.0	73.5	78.7	81.9	85.9	87.0	89.3	90.7	91.4	91.7	92.6	92.6	93.5	93.5	94.5	94.8
49.0	73.5	78.8	82.1	86.1	87.1	89.8	91.6	92.3	93.0	94.1	94.1	95.3	95.3	96.4	97.9
49.0	73.5	78.8	82.1	86.1	87.1	89.8	91.6	92.3	93.0	94.2	94.2	95.7	95.7	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 675

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1171 TIN CITY AFS AK 73-81 SEP

ALL

14.7	16.4	16.4	16.4	16.5	16.6	16.6	16.7	16.8	16.9	17.0	17.0	17.2	17.2	17.3	17.3
16.0	17.7	17.7	17.7	17.8	17.9	18.0	18.0	18.1	18.2	18.3	18.3	18.5	18.5	18.7	18.7
16.8	18.6	18.7	18.7	18.8	18.8	18.9	18.9	19.0	19.1	19.3	19.3	19.5	19.6	19.8	19.9
17.3	19.2	19.2	19.2	19.3	19.4	19.5	19.5	19.6	19.7	19.9	19.9	20.1	20.1	20.4	20.4
17.8	19.6	19.7	19.7	19.8	19.9	19.9	20.0	20.0	20.2	20.3	20.3	20.6	20.6	20.9	20.9
18.3	20.1	20.1	20.1	20.2	20.3	20.4	20.4	20.5	20.6	20.8	20.8	21.0	21.0	21.3	21.4
18.7	20.6	20.6	20.6	20.7	20.8	20.9	20.9	21.0	21.1	21.3	21.3	21.5	21.6	21.8	21.9
19.3	21.3	21.4	21.4	21.5	21.6	21.6	21.7	21.7	21.8	22.0	22.0	22.3	22.3	22.6	22.6
21.3	24.1	24.2	24.2	24.3	24.4	24.5	24.5	24.6	24.7	24.9	24.9	25.1	25.2	25.5	25.5
24.1	27.2	27.2	27.2	27.4	27.4	27.5	27.6	27.6	27.7	27.9	27.9	28.2	28.2	28.5	28.6
25.2	28.4	28.5	28.5	28.7	28.7	28.8	28.8	28.9	29.0	29.2	29.2	29.4	29.5	29.8	29.8
26.4	29.8	29.9	29.9	30.0	30.1	30.2	30.2	30.3	30.4	30.6	30.6	30.8	30.8	31.1	31.2
27.1	30.5	30.6	30.6	30.8	30.8	30.9	30.9	31.0	31.1	31.3	31.3	31.5	31.6	31.9	31.9
28.7	32.4	32.6	32.6	32.8	32.9	33.0	33.0	33.1	33.2	33.4	33.4	33.6	33.7	34.0	34.0
31.5	36.0	36.3	36.4	36.7	36.8	36.9	36.9	37.0	37.1	37.3	37.3	37.6	37.6	37.9	38.0
34.3	39.3	39.7	39.8	40.2	40.3	40.4	40.5	40.6	40.7	40.9	40.9	41.2	41.2	41.5	41.6
37.7	44.0	44.5	44.6	45.1	45.1	45.3	45.4	45.5	45.7	45.9	45.9	46.1	46.2	46.5	46.5
43.8	52.2	53.0	53.3	54.0	54.2	54.4	54.6	54.7	54.8	55.0	55.0	55.3	55.3	55.6	55.7
45.7	54.4	55.4	55.6	56.6	56.8	57.1	57.3	57.3	57.5	57.7	57.7	58.0	58.0	58.3	58.4
47.4	56.8	57.9	58.5	59.6	59.9	60.2	60.4	60.5	60.7	60.9	60.9	61.2	61.2	61.5	61.6
49.7	60.8	62.3	63.1	64.6	64.9	65.3	65.6	65.7	65.9	66.1	66.1	66.3	66.4	66.7	66.7
51.8	64.4	66.2	67.1	69.2	69.6	70.1	70.5	70.6	70.9	71.0	71.0	71.3	71.3	71.6	71.7
53.2	66.3	68.2	69.1	71.2	71.6	72.2	72.5	72.6	72.9	73.1	73.1	73.3	73.4	73.7	73.7
54.5	68.8	71.2	72.3	74.8	75.3	76.1	76.5	76.6	76.9	77.1	77.1	77.4	77.4	77.7	77.8
55.4	70.4	72.9	74.2	76.7	77.2	78.2	78.8	78.9	79.2	79.4	79.4	79.7	79.7	80.0	80.1
56.3	72.5	75.7	77.2	80.3	81.0	82.3	83.2	83.4	83.8	84.4	84.4	84.7	84.7	85.0	85.1
57.0	73.9	77.4	79.1	82.4	83.2	84.7	85.9	86.1	86.6	87.2	87.2	87.5	87.6	87.9	88.0
57.3	74.8	78.4	80.2	83.9	84.9	86.7	88.1	88.4	89.2	90.1	90.1	90.4	90.5	90.8	91.0
57.5	75.2	78.9	80.8	84.5	85.6	87.6	89.3	89.9	90.8	92.0	92.0	92.5	92.6	93.1	93.3
57.7	75.5	79.3	81.3	85.2	86.4	88.9	90.8	91.5	92.6	94.2	94.2	95.1	95.2	96.1	96.6
57.7	75.5	79.4	81.3	85.3	86.5	89.0	91.0	91.8	93.0	94.8	94.8	95.9	96.1	97.3	99.3
57.7	75.5	79.4	81.3	85.3	86.5	89.0	91.0	91.8	93.0	94.8	94.8	96.1	96.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 5712

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AT: WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible] TIN CITY AFS AK 73-81 OCT

0000-0200

17.5	23.1	23.4	23.4	23.6	23.6	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2
17.7	23.4	23.6	23.6	23.9	23.9	24.4	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5
17.8	23.5	23.7	23.7	24.0	24.0	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6
17.8	23.5	23.7	23.7	24.0	24.0	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6
18.1	23.7	24.0	24.0	24.2	24.2	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
18.1	23.7	24.0	24.0	24.2	24.2	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
18.2	24.0	24.2	24.2	24.5	24.5	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1
18.5	24.2	24.5	24.5	24.7	24.7	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3
18.9	25.6	26.2	26.2	26.4	26.4	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4
20.8	27.8	28.6	28.8	29.0	29.0	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
21.9	29.8	30.8	30.6	31.0	31.0	31.9	32.0	32.0	32.1	32.3	32.3	32.3	32.3	32.3	32.3
22.1	30.4	31.4	31.5	31.7	31.7	32.7	32.8	32.8	33.0	33.2	33.2	33.2	33.2	33.2	33.2
22.1	30.4	31.4	31.5	31.7	31.7	32.7	32.8	32.8	33.0	33.2	33.2	33.2	33.2	33.2	33.2
23.4	32.7	33.9	34.1	34.7	34.7	35.9	36.2	36.2	36.4	36.7	36.7	36.7	36.7	36.7	36.7
24.8	35.9	37.9	38.1	38.9	38.9	40.5	40.7	40.7	41.0	41.2	41.2	41.2	41.2	41.2	41.2
27.8	40.3	42.6	42.8	44.2	44.2	45.8	46.0	46.0	46.2	46.5	46.5	46.5	46.5	46.5	46.5
31.7	46.2	48.5	49.1	51.3	51.3	53.1	53.6	53.6	53.9	54.2	54.2	54.2	54.2	54.5	54.5
34.6	52.9	55.7	56.5	61.0	61.0	63.2	63.7	63.7	64.0	64.5	64.5	64.5	64.5	64.8	64.9
35.8	54.9	57.9	58.7	63.8	63.8	66.2	66.8	66.9	67.0	67.5	67.5	67.5	67.5	67.9	68.0
37.3	59.3	62.7	63.8	70.1	70.1	73.6	74.5	74.5	74.8	75.3	75.3	75.3	75.3	75.6	75.8
38.9	61.0	65.3	66.8	74.3	74.3	77.7	79.1	79.1	79.3	79.8	79.8	79.8	79.8	80.2	80.3
39.0	62.4	66.4	67.9	75.5	75.5	79.0	80.4	80.6	81.1	81.5	81.5	81.5	81.5	81.9	82.0
39.0	62.7	66.8	68.4	76.0	76.0	79.5	81.1	81.2	81.7	82.4	82.4	82.4	82.4	82.8	83.3
39.1	63.7	67.8	69.4	77.0	77.0	80.6	82.4	82.5	83.9	84.7	84.7	84.7	84.7	85.1	85.6
39.2	64.6	69.1	70.7	78.6	78.6	82.5	85.0	85.2	86.8	87.7	87.7	87.8	87.8	88.3	88.8
39.2	64.7	69.2	71.2	79.6	79.6	84.1	86.6	86.8	88.9	89.9	89.9	90.4	90.4	90.9	91.4
39.4	64.8	69.4	71.3	79.8	79.8	85.0	87.5	87.8	90.2	91.1	91.1	91.6	91.6	92.1	92.6
39.4	65.4	70.1	72.1	81.1	81.1	86.3	89.3	89.7	92.0	93.2	93.5	94.0	94.1	94.6	95.1
39.6	65.7	70.4	72.3	81.3	81.3	86.6	89.7	90.9	93.5	94.8	95.1	95.7	95.8	96.3	96.8
39.6	66.1	70.7	72.7	81.7	81.7	87.0	90.0	91.3	94.2	96.1	96.3	97.3	97.4	98.0	98.5
39.6	66.1	70.7	72.7	81.7	81.7	87.0	90.2	91.4	94.3	96.3	96.6	98.0	98.2	98.8	99.3
39.6	66.1	70.7	72.7	81.7	81.7	87.0	90.2	91.4	94.3	96.3	96.6	98.0	98.2	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
OLAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 OCT

0300-0500

16.0	20.6	20.6	20.6	21.0	21.1	21.3	21.3	21.3	21.7	21.7	21.7	21.7	21.7	21.9	21.9
16.6	21.3	21.3	21.3	21.6	21.7	21.9	21.9	21.9	22.4	22.4	22.4	22.4	22.4	22.5	22.5
17.2	22.0	22.0	22.0	22.4	22.5	22.6	22.6	22.6	23.1	23.1	23.1	23.1	23.1	23.2	23.2
17.2	22.1	22.1	22.1	22.5	22.6	22.7	22.7	22.7	23.2	23.2	23.2	23.2	23.2	23.3	23.3
17.3	22.2	22.2	22.2	22.6	22.7	22.9	22.9	22.9	23.3	23.3	23.3	23.3	23.3	23.5	23.5
17.3	22.2	22.2	22.2	22.6	22.7	22.9	22.9	22.9	23.3	23.3	23.3	23.3	23.3	23.5	23.5
17.3	22.2	22.2	22.2	22.6	22.7	22.9	22.9	22.9	23.3	23.3	23.3	23.3	23.3	23.5	23.5
17.3	22.2	22.2	22.2	22.6	22.7	22.9	22.9	22.9	23.3	23.3	23.3	23.3	23.3	23.5	23.5
17.7	23.2	23.2	23.2	24.0	24.1	24.3	24.3	24.3	24.8	24.8	24.8	24.8	24.8	24.9	24.9
20.0	26.2	26.2	26.3	27.0	27.1	27.4	27.4	27.4	27.9	27.9	27.9	27.9	27.9	28.0	28.0
27.8	28.3	29.6	28.9	29.7	29.9	30.3	30.7	30.7	31.2	31.2	31.2	31.2	31.2	31.3	31.3
21.1	29.5	29.9	30.1	31.1	31.2	31.7	32.1	32.1	32.6	32.6	32.6	32.6	32.6	32.7	32.7
21.3	29.6	30.0	30.2	31.2	31.3	31.8	32.2	32.2	32.7	32.7	32.7	32.7	32.7	32.8	32.8
21.9	31.6	32.1	32.3	33.4	33.5	34.0	34.4	34.4	34.9	34.9	34.9	34.9	34.9	35.0	35.0
24.9	36.0	37.3	37.6	39.4	39.6	40.2	40.5	40.5	41.0	41.2	41.2	41.2	41.2	41.3	41.3
27.4	40.0	41.6	42.0	43.9	44.0	44.6	45.0	45.0	45.5	45.6	45.6	45.6	45.6	45.7	45.7
31.3	45.6	47.3	47.8	50.7	50.9	51.5	52.2	52.2	52.7	52.8	52.8	52.8	52.8	53.1	53.3
33.4	51.7	54.7	55.3	61.7	60.8	61.9	62.8	62.8	63.4	63.5	63.5	63.5	63.5	63.9	64.4
33.5	53.1	56.8	57.4	62.9	63.0	64.4	65.4	65.4	66.0	66.1	66.1	66.1	66.1	66.5	67.1
34.2	56.5	60.4	61.2	68.3	68.4	70.8	72.2	72.2	72.9	73.0	73.0	73.0	73.0	73.3	74.0
35.0	59.0	62.9	64.0	72.5	72.7	75.3	77.4	77.4	78.0	78.1	78.1	78.1	78.1	78.5	79.1
35.0	59.6	64.3	65.4	74.0	74.2	76.9	79.4	79.6	80.3	80.5	80.5	80.5	80.5	80.8	81.4
35.1	60.2	64.9	66.0	74.8	75.1	78.0	80.5	80.7	81.4	81.6	81.6	81.7	81.7	82.1	82.7
35.5	60.9	65.7	67.0	75.8	76.0	79.5	81.9	82.2	83.0	83.3	83.3	83.4	83.4	83.8	84.4
36.4	62.7	67.6	69.0	78.4	78.6	82.3	85.1	85.4	86.6	86.9	86.9	87.0	87.0	87.3	88.1
36.4	63.0	68.1	69.7	79.1	79.4	83.2	86.2	86.9	88.3	88.6	88.6	88.9	88.9	89.7	90.5
36.7	63.4	68.6	70.3	80.3	80.6	85.1	88.2	88.9	90.5	91.0	91.0	91.8	91.8	92.5	93.4
36.7	63.4	68.8	70.5	80.7	81.0	85.5	89.1	89.9	91.5	92.0	92.0	93.1	93.1	94.1	95.0
36.7	63.5	69.2	70.9	81.2	81.4	86.0	89.8	90.9	92.6	93.1	93.1	94.3	94.3	95.3	96.2
36.7	63.8	69.4	71.1	81.4	81.7	86.2	90.2	91.4	93.7	94.5	94.5	95.8	95.9	96.9	97.8
36.7	63.8	69.4	71.1	81.4	81.7	86.5	90.5	91.	[illegible].1	94.8	94.8	96.4	96.6	97.9	99.4
36.7	63.8	69.4	71.1	81.4	81.7	86.5	90.5	91.	[illegible].1	95.0	95.0	96.6	96.7	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 814

SPECIAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] TIN CITY AFS AK 73-81 OCT

[illegible] 0600-0800

14.8	15.5	15.6	15.6	15.7	15.7	15.7	15.7	15.7	15.9	15.9	15.9	15.9	15.9	15.9	15.9
15.3	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1
15.9	16.7	16.7	16.7	16.9	16.9	16.9	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0
16.1	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
16.1	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
16.1	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
16.1	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
16.1	17.0	17.	17.0	17.1	17.1	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2
16.7	18.0	18.1	18.2	18.3	18.3	18.3	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5
19.1	20.3	20.4	20.5	20.7	20.7	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9
20.4	22.1	22.3	22.4	22.6	22.6	22.8	22.8	22.8	22.9	23.1	23.1	23.1	23.1	23.1	23.1
20.8	23.1	23.2	23.5	23.7	23.7	23.9	23.9	23.9	24.0	24.2	24.2	24.2	24.2	24.2	24.2
21.4	23.7	23.9	24.1	24.4	24.4	24.5	24.5	24.5	24.6	24.8	24.8	24.8	24.8	24.8	24.8
24.6	27.6	27.7	27.9	28.2	28.2	28.4	28.4	28.4	28.5	28.9	28.9	28.9	28.9	28.9	28.9
29.9	33.6	33.9	34.6	35.2	35.2	35.4	35.4	35.4	35.5	36.3	36.3	36.4	36.4	36.4	36.4
33.1	37.5	38.0	38.7	39.4	39.4	39.6	39.6	39.6	39.7	40.5	40.5	40.6	40.6	40.6	40.6
37.9	44.6	45.3	46.1	47.5	47.5	47.7	47.7	47.7	48.0	48.8	48.8	49.2	49.2	49.4	49.4
42.4	51.2	52.6	53.9	55.6	55.7	56.7	57.4	57.4	57.8	58.8	58.8	59.3	59.3	59.7	59.7
44.2	54.0	56.0	57.3	59.2	59.3	60.8	61.7	61.7	62.4	63.3	63.3	63.8	63.8	64.2	64.2
46.6	57.4	60.1	62.1	64.9	65.3	67.8	69.0	69.0	69.7	70.8	70.8	71.5	71.5	71.8	71.8
48.1	60.0	62.9	65.1	68.8	69.4	72.2	73.7	73.7	74.4	75.8	75.8	76.6	76.6	77.1	77.1
48.8	61.1	64.3	66.5	70.2	71.2	74.2	76.3	76.5	77.2	78.6	78.6	79.5	79.5	80.0	80.1
49.2	61.6	64.9	67.2	71.2	72.2	75.4	77.5	77.7	78.5	79.8	79.8	80.7	80.7	81.2	81.3
49.3	61.9	65.9	68.3	72.3	73.3	77.1	79.5	79.7	80.4	81.8	81.8	82.7	82.7	83.1	83.3
49.9	62.5	66.8	69.1	73.8	74.8	79.1	81.9	82.2	83.0	84.6	84.6	85.5	85.5	86.0	86.1
50.4	63.6	68.0	70.4	75.6	76.8	81.8	85.0	85.2	86.2	87.8	87.8	89.2	89.2	89.7	89.8
50.6	64.2	68.6	71.0	76.5	77.7	83.1	86.7	87.1	88.3	90.0	90.0	91.6	91.6	92.1	92.3
50.6	64.3	69.0	71.3	77.0	78.4	84.0	87.7	88.2	89.4	91.4	91.4	94.2	94.2	94.7	95.0
50.6	64.3	69.1	71.5	77.2	78.6	84.4	88.4	89.1	90.3	92.5	92.6	95.6	95.6	96.3	96.6
50.6	64.3	69.1	71.5	77.4	78.7	84.6	88.8	89.8	91.3	93.6	93.7	97.0	97.0	97.9	98.2
50.6	64.3	69.1	71.5	77.4	78.7	84.6	88.8	89.8	91.4	93.7	93.8	97.2	97.2	99.3	99.5
50.6	64.3	69.1	71.5	77.4	78.7	84.6	88.8	89.8	91.4	93.7	93.8	97.2	97.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 117 TIN CITY AFS AK 73-81 OCT

1900-1100

15.1	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
16.4	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
17.4	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
17.4	17.7	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
17.5	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
17.7	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
18.1	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
18.2	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
19.7	20.6	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
23.2	24.0	24.1	24.1	24.3	24.3	24.3	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
24.3	25.5	25.7	26.1	26.2	26.2	26.4	26.8	26.8	27.0	27.0	27.0	27.0	27.0	27.0	27.0
25.6	27.1	27.3	27.8	28.1	28.1	28.2	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8
25.6	27.1	27.3	27.8	28.1	28.1	28.2	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8
29.3	31.4	31.8	32.3	32.5	32.5	32.6	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
33.4	36.6	37.1	37.9	38.4	38.4	38.8	39.4	39.4	39.7	39.8	39.8	39.9	39.9	40.0	40.0
36.8	40.5	41.0	42.1	42.6	42.7	43.3	44.1	44.1	44.3	44.5	44.5	44.6	44.6	44.7	44.7
43.0	48.4	49.0	50.6	51.5	51.8	52.5	53.7	53.7	54.2	54.4	54.4	54.6	54.6	54.7	54.7
48.9	55.8	56.8	58.4	59.4	60.1	61.5	62.8	62.8	63.3	63.5	63.5	63.8	63.8	63.9	63.9
50.7	58.1	59.2	61.8	62.1	62.8	64.3	65.6	65.6	66.3	66.5	66.5	66.7	66.7	66.9	66.9
51.3	61.7	63.9	65.5	67.5	68.2	70.4	72.4	72.4	73.3	73.6	73.6	73.9	73.9	74.3	74.3
53.4	64.2	66.9	68.6	71.1	71.8	74.6	76.7	76.7	77.8	78.7	78.7	79.3	79.3	79.7	79.7
54.2	65.3	68.5	70.2	72.7	73.5	77.0	79.1	79.1	80.2	81.2	81.2	81.8	81.6	82.1	82.1
54.8	65.9	69.2	70.9	73.4	74.4	78.1	80.2	80.2	81.3	82.3	82.3	82.9	82.9	83.3	83.3
54.8	66.0	69.6	71.3	73.9	74.9	79.2	81.5	81.8	83.0	84.0	84.0	84.9	84.9	85.2	85.2
55.7	67.4	70.9	72.7	75.4	76.4	80.9	83.3	83.5	84.7	86.2	86.2	87.1	87.1	87.4	87.4
56.0	68.3	72.0	73.8	76.7	77.7	82.6	85.3	85.7	87.3	88.8	88.8	89.7	89.7	90.0	90.0
56.2	68.8	72.7	74.5	77.8	78.8	84.4	87.3	87.7	89.5	91.7	91.7	92.7	92.7	93.1	93.1
56.2	69.0	72.8	74.6	76.2	79.3	85.1	88.5	88.9	91.3	93.5	93.5	94.6	94.6	95.0	95.2
56.2	69.0	72.9	74.8	78.7	79.8	86.1	89.5	90.0	92.5	95.0	95.0	96.4	96.4	96.8	97.0
56.3	69.1	73.0	74.9	78.8	79.9	86.3	89.9	90.8	93.5	96.1	96.1	97.5	97.5	98.2	98.5
56.3	69.1	73.0	74.9	78.8	79.9	86.3	89.9	90.8	93.5	96.2	96.2	97.7	97.8	99.1	100.0
56.3	69.1	73.0	74.9	78.8	79.9	86.3	89.9	90.8	93.5	96.2	96.2	97.7	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7[illegible]170 TIN CITY AFS AK 73-81 OCT

[illegible] 1200-1400

16.6	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.9
17.8	18.1	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.6
18.9	19.1	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.6
18.9	19.1	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.6
19.6	19.9	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.4
19.9	20.2	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.7
20.4	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.2
20.4	20.7	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.2
22.7	23.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5
25.5	26.1	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	27.[illegible]
26.2	26.6	27.3	27.3	27.6	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.9
27.3	28.1	28.6	28.6	28.9	28.9	28.9	29.1	29.1	29.7	29.7	29.7	29.7	29.7	29.7	29.8
27.6	28.4	28.9	28.9	29.1	29.1	29.1	29.4	29.4	29.9	29.9	29.9	29.9	29.9	29.9	30.0
30.8	32.6	33.1	33.1	33.4	33.4	33.5	33.8	33.8	34.3	34.3	34.3	34.3	34.3	34.3	34.4
35.2	37.1	37.9	38.1	38.6	38.8	39.0	39.3	39.3	39.9	39.9	39.9	40.1	40.1	40.2	40.3
39.9	42.4	43.1	43.4	44.0	44.2	44.5	44.8	44.8	45.4	45.4	45.4	45.6	45.6	45.7	45.8
44.8	48.3	49.2	49.6	50.7	51.0	51.5	52.1	52.2	53.1	53.5	53.8	54.2	54.2	54.4	54.6
50.6	55.5	56.6	57.3	58.5	58.8	59.3	59.9	60.1	61.0	61.5	61.7	62.3	62.3	62.5	62.6
53.9	59.2	60.5	61.2	62.8	63.0	63.8	64.4	64.6	65.5	66.0	66.2	66.8	66.6	67.0	67.1
56.1	62.3	63.8	65.3	67.0	67.7	69.6	70.3	70.5	71.4	71.9	72.1	72.8	72.8	73.0	73.2
58.9	65.6	67.3	68.8	70.6	71.4	73.7	74.6	75.0	76.0	76.6	76.9	78.3	78.3	78.6	78.7
59.6	67.1	66.9	70.6	72.7	73.4	76.3	77.2	77.7	78.9	79.7	80.0	81.6	81.6	81.9	82.0
60.3	68.2	70.0	71.6	73.7	74.5	77.3	78.2	78.7	80.0	80.7	81.0	82.7	82.7	82.9	83.1
60.7	68.9	71.1	72.8	75.0	75.7	78.7	79.6	80.2	81.8	82.9	83.2	84.9	84.9	85.1	85.2
61.0	69.3	71.8	73.4	75.6	76.4	79.6	80.7	81.4	83.2	84.7	85.0	86.6	86.6	86.9	87.2
61.5	70.1	72.7	74.7	76.9	78.0	81.6	83.1	83.8	86.3	87.8	88.1	90.0	90.0	90.2	90.5
61.6	70.7	73.3	75.4	77.8	78.9	82.9	84.3	85.1	87.8	89.9	90.5	92.8	92.9	93.2	93.5
61.7	70.9	73.6	75.6	78.0	79.5	83.6	85.1	85.9	88.8	90.9	91.5	93.8	94.0	94.4	94.6
61.7	70.9	73.7	75.7	78.3	79.7	84.1	85.8	87.2	90.1	92.8	93.5	96.1	96.3	96.7	96.9
61.9	71.0	73.8	75.9	78.4	79.8	84.5	86.3	87.8	90.9	93.7	94.4	97.2	97.3	97.9	98.5
61.9	71.0	73.8	75.9	78.4	79.8	84.5	86.3	87.8	90.9	93.7	94.4	97.6	97.7	99.0	100.0
61.9	71.0	73.8	75.9	78.4	79.8	84.5	86.3	87.8	90.9	93.7	94.4	97.6	97.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 119

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

[illegible] TIN CITY AFS AK 73-81 OCT

[illegible] 1500-1700

18.4	18.6	18.7	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
19.0	19.2	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
19.9	20.0	20.2	20.3	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
20.2	20.3	20.5	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
20.9	21.0	21.2	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
21.2	21.3	21.5	21.6	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
21.8	21.9	22.1	22.2	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
22.1	22.2	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
24.4	24.5	24.7	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
26.7	27.4	27.6	27.9	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
27.0	27.7	27.9	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
28.3	29.0	29.2	29.5	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
28.6	29.3	29.5	29.8	30.0	30.0	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2
30.6	31.6	31.8	32.1	32.4	32.8	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1
35.1	36.4	36.6	36.9	37.2	37.6	37.6	37.7	37.7	38.3	38.3	38.3	38.3	38.3	38.3	38.3
40.5	41.9	42.1	42.4	42.8	43.3	43.4	43.5	43.5	44.1	44.1	44.1	44.1	44.1	44.1	44.1
45.7	48.0	48.3	49.2	49.8	50.2	50.5	51.5	51.5	52.2	52.2	52.2	52.2	52.2	52.2	52.2
54.1	58.3	58.8	59.6	60.7	61.1	61.5	63.0	63.4	64.7	64.9	64.9	64.9	64.9	64.9	64.9
57.2	61.5	62.4	63.6	64.7	65.2	65.6	67.3	67.8	69.2	69.4	69.4	69.5	69.5	69.5	69.5
60.5	65.2	66.3	67.5	69.7	70.1	70.8	72.6	73.1	74.6	74.7	74.7	74.9	74.9	74.9	74.9
64.0	68.9	70.1	71.3	73.4	74.5	75.9	77.9	78.7	80.6	80.7	80.7	81.4	81.4	81.4	81.4
64.6	70.0	71.1	72.3	74.7	75.8	77.4	79.4	80.3	82.3	83.0	83.0	83.7	83.7	83.7	83.7
65.5	71.3	72.4	73.7	76.5	77.5	79.1	81.1	82.0	84.0	85.2	85.2	85.9	85.9	85.9	85.9
65.7	71.7	73.0	74.5	77.2	78.4	80.0	82.0	82.9	85.2	86.8	86.8	87.5	87.5	87.7	87.7
66.0	72.0	73.3	74.7	77.6	78.8	80.4	82.6	83.9	87.1	88.7	88.7	89.6	89.7	89.8	89.8
66.2	72.9	74.3	75.8	79.0	80.1	82.0	84.5	85.9	89.7	91.4	91.4	92.6	92.7	92.9	92.9
66.9	73.6	75.0	76.5	79.7	81.1	83.3	85.8	87.2	91.0	93.0	93.0	94.3	94.5	94.6	94.6
66.9	73.7	75.3	76.8	80.0	81.6	84.2	87.1	88.5	92.3	94.3	94.3	95.6	95.8	96.1	96.1
66.9	73.7	75.5	76.9	80.1	81.7	84.3	88.1	89.8	93.8	95.8	95.9	97.7	97.8	98.1	98.1
66.9	73.7	75.5	76.9	80.1	81.7	84.3	98.1	89.8	93.9	95.9	96.2	98.3	98.4	98.7	98.7
66.9	73.7	75.5	76.9	80.1	81.7	84.6	88.5	90.3	94.3	96.4	96.7	98.7	98.8	99.9	100.0
66.9	73.7	75.5	76.9	80.1	81.7	84.6	88.5	90.3	94.3	96.4	96.7	98.7	98.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 689

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

/ 1170 TIN CITY AFS AK 73-74,77-81 OCT

1800-2000

16.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
16.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
17.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
17.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
18.1	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
18.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
18.7	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
19.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
20.7	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
23.1	27.5	27.5	27.5	27.9	27.9	27.9	28.1	28.1	28.1	28.3	28.3	28.3	28.3	28.3	28.3
23.1	27.9	27.9	27.9	28.3	28.3	28.3	28.5	28.5	28.5	28.7	28.7	28.7	28.7	28.7	28.7
24.3	29.1	29.1	29.1	29.5	29.5	29.5	29.7	29.7	29.7	29.9	29.9	29.9	29.9	29.9	29.9
24.3	29.3	29.3	29.3	29.7	29.7	29.7	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.1
24.5	29.7	29.7	29.7	30.1	30.3	30.3	30.5	30.5	30.5	30.7	30.7	30.7	30.7	30.7	30.7
27.9	34.5	34.7	34.7	35.7	35.9	35.9	36.5	36.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1
32.9	39.8	40.2	40.2	41.2	41.8	42.0	42.6	42.6	43.0	43.2	43.2	43.2	43.2	43.2	43.2
36.3	43.4	43.8	44.0	45.2	45.8	46.0	46.6	46.6	47.0	47.2	47.2	47.2	47.2	47.2	47.2
43.6	56.2	56.8	58.2	59.8	60.8	62.0	63.1	63.3	64.5	64.7	64.7	64.7	64.7	64.7	64.7
46.0	60.6	62.2	63.5	65.5	66.5	67.7	68.9	69.1	70.5	70.7	70.7	71.1	71.1	71.1	71.1
47.8	64.5	66.3	67.7	70.3	71.3	72.5	73.9	74.1	75.5	75.7	75.7	76.1	76.1	76.1	76.1
50.2	69.1	70.9	72.3	75.1	76.7	78.1	79.7	80.7	82.1	82.5	82.5	82.9	82.9	82.9	82.9
50.8	70.9	72.7	74.1	76.9	78.5	79.9	81.9	83.3	84.7	85.1	85.1	85.5	85.5	85.5	85.5
50.8	70.9	72.7	74.3	77.1	78.9	80.3	82.5	83.9	85.5	85.9	85.9	86.3	86.3	86.3	86.3
51.4	71.9	73.9	75.7	78.5	80.3	81.9	84.3	85.9	87.6	88.0	88.0	88.4	88.4	88.4	88.4
52.6	74.5	76.7	78.7	81.7	83.5	85.1	88.0	89.8	92.2	92.6	92.6	93.0	93.0	93.0	93.0
52.6	74.9	77.1	79.1	82.1	84.3	86.3	89.6	91.6	94.6	95.2	95.2	95.6	95.6	95.6	95.6
52.6	74.9	77.1	79.1	82.1	84.5	86.5	89.8	91.8	94.8	95.8	95.8	96.2	96.2	96.2	96.2
52.6	75.3	77.7	79.7	82.7	85.1	87.1	90.4	92.4	95.6	96.6	96.6	97.4	97.4	97.4	97.4
52.6	75.3	77.7	79.7	82.7	85.1	87.1	90.4	92.4	96.0	97.0	97.0	98.2	98.2	98.2	98.2
52.6	75.3	77.7	79.7	82.7	85.1	87.3	90.6	92.6	96.4	97.4	97.4	98.6	98.6	98.8	98.8
52.6	75.3	77.7	79.7	82.7	85.1	87.3	90.6	92.6	96.4	97.4	97.4	98.6	98.6	99.6	100.0
52.6	75.3	77.7	79.7	82.7	85.1	87.3	90.6	92.6	96.4	97.4	97.4	98.6	98.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 502

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7.117 TIN CITY AFS AK 73-81 OCT

0100-2300

18.2	22.2	22.2	22.2	22.7	22.7	22.8	23.0	23.0	23.4	23.4	23.4	23.4	23.4	23.4	23.4
18.2	22.4	22.4	22.4	22.8	22.8	23.0	23.1	23.1	23.6	23.6	23.6	23.6	23.6	23.6	23.6
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
18.5	22.7	22.7	22.7	23.1	23.1	23.3	23.4	23.4	23.9	23.9	23.9	23.9	23.9	23.9	23.9
19.3	24.2	24.2	24.2	24.7	24.7	24.8	25.0	25.0	25.4	25.4	25.4	25.4	25.4	25.4	25.4
20.8	27.1	27.6	27.6	28.0	28.0	28.2	28.3	28.3	28.8	28.8	28.8	28.8	28.8	28.8	28.8
21.0	28.5	28.9	28.9	29.4	29.4	29.6	30.0	30.0	30.5	30.5	30.5	30.5	30.5	30.5	30.5
21.4	29.6	30.3	30.3	30.9	30.9	31.4	32.0	32.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5
21.4	29.6	30.3	30.3	30.9	30.9	31.4	32.0	32.0	32.5	32.5	32.5	32.5	32.5	32.5	32.5
23.0	31.9	33.1	33.1	33.7	33.7	34.3	35.2	35.2	35.7	35.7	35.7	35.7	35.7	35.7	35.7
25.4	35.8	37.2	37.2	38.1	38.1	39.2	40.4	40.4	40.9	40.9	40.9	40.9	40.9	40.9	40.9
27.6	38.9	40.4	40.4	41.3	41.3	42.4	43.6	43.6	44.1	44.1	44.1	44.1	44.1	44.1	44.1
31.5	46.1	47.8	48.1	49.0	49.0	51.0	52.5	52.5	53.0	53.1	53.1	53.1	53.1	53.3	53.3
36.0	55.7	58.8	59.9	62.5	62.5	65.4	67.1	67.1	67.5	67.7	67.7	67.7	67.7	67.8	67.8
37.2	58.3	61.6	62.6	65.4	65.4	68.5	70.3	70.3	70.8	70.9	70.9	70.9	70.9	71.1	71.1
39.5	63.1	66.3	67.7	71.2	71.2	75.2	77.2	77.2	77.6	77.8	77.8	77.8	77.8	77.9	77.9
40.6	66.2	69.5	70.9	75.0	75.3	79.6	82.1	82.5	83.2	83.3	83.3	83.3	83.3	83.5	83.5
40.6	66.8	70.4	71.8	76.9	77.2	81.5	83.9	84.7	85.3	85.5	85.5	85.6	85.6	85.8	85.8
40.6	66.9	70.6	72.1	77.2	77.5	81.8	84.2	85.1	85.8	86.1	86.1	86.2	86.2	86.4	86.4
40.9	68.1	72.1	73.7	79.2	79.5	84.1	86.5	87.6	88.4	89.1	89.1	89.3	89.3	89.4	89.4
41.0	68.6	72.6	74.1	79.9	80.2	85.1	88.4	89.7	91.0	91.7	91.7	91.9	91.9	92.2	92.2
41.5	69.2	73.4	75.0	80.9	81.2	86.1	89.4	90.8	92.6	93.9	93.9	94.0	94.0	94.3	94.3
41.5	69.2	73.4	75.0	80.9	81.2	86.1	89.4	90.8	93.1	94.3	94.3	94.8	94.8	95.1	95.1
41.5	69.8	74.0	75.7	81.6	81.9	86.8	90.8	92.2	94.5	95.9	95.9	96.3	96.3	96.6	96.6
41.5	69.8	74.0	75.7	81.6	81.9	86.8	91.1	92.5	95.3	96.8	96.8	97.5	97.5	98.2	98.2
41.5	69.8	74.0	75.7	81.8	82.1	87.0	91.3	92.6	95.7	97.2	97.2	98.2	98.2	98.9	98.9
41.5	69.8	74.0	75.7	81.8	82.1	87.0	91.3	92.6	95.9	97.4	97.4	98.3	98.3	99.4	99.7
41.5	69.8	74.0	75.7	81.8	82.1	87.0	91.3	92.6	95.9	97.4	97.4	98.3	98.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 653

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]/70 TIN CITY AFS AK 73-81 OCT

[illegible] ALL

16.5	18.9	19.0	19.0	19.1	19.1	19.3	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.5
17.1	19.5	19.6	19.6	19.8	19.8	19.9	19.9	19.9	20.1	20.1	20.1	20.1	20.1	20.1	20.1
17.8	20.2	20.4	20.4	20.5	20.6	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.9	20.9
17.9	20.4	20.5	20.5	20.7	20.7	20.8	20.8	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0
18.2	20.6	20.7	20.8	20.9	21.0	21.1	21.1	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.3
18.4	20.8	20.9	20.9	21.1	21.1	21.2	21.2	21.2	21.4	21.4	21.4	21.4	21.4	21.4	21.4
18.6	21.0	21.2	21.2	21.3	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.7	21.7
16.7	21.2	21.3	21.3	21.5	21.5	21.6	21.6	21.6	21.8	21.8	21.8	21.8	21.8	21.8	21.8
19.9	22.8	22.9	23.0	23.2	23.2	23.4	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.6
22.3	25.6	25.9	26.0	26.3	26.3	26.5	26.6	26.6	26.8	26.8	26.8	26.8	26.8	26.8	26.8
23.0	27.0	27.4	27.5	27.8	27.9	28.1	28.3	28.3	28.5	28.6	28.6	28.6	28.6	28.6	28.6
23.8	28.1	28.5	28.7	29.1	29.2	29.4	29.7	29.7	29.9	30.0	30.0	30.0	30.0	30.0	30.1
24.0	28.3	28.7	28.9	29.3	29.3	29.6	29.9	29.9	30.1	30.2	30.2	30.2	30.2	30.2	30.3
26.0	31.2	31.7	31.9	32.4	32.4	32.8	33.1	33.1	33.4	33.5	33.5	33.5	33.5	33.5	33.6
29.6	35.8	36.6	37.0	37.8	37.9	38.4	38.8	38.8	39.2	39.4	39.4	39.5	39.5	39.5	39.5
33.2	40.2	41.2	41.6	42.5	42.7	43.3	43.7	43.7	44.1	44.3	44.3	44.3	44.3	44.4	44.4
37.8	46.5	47.5	48.3	49.7	49.9	50.7	51.5	51.5	52.0	52.3	52.3	52.4	52.4	52.6	52.6
42.8	54.5	56.2	57.2	59.7	60.0	61.3	62.3	62.4	63.1	63.5	63.5	63.7	63.7	63.9	64.0
44.6	57.2	59.3	60.4	63.1	63.4	64.9	66.1	66.1	66.9	67.3	67.3	67.5	67.5	67.7	67.9
46.5	60.9	63.5	64.9	68.5	68.9	71.2	72.6	72.7	73.5	73.9	74.0	74.2	74.2	74.5	74.6
48.4	63.9	66.6	68.1	72.4	73.0	75.7	77.4	77.7	78.6	79.2	79.2	79.7	79.7	80.0	80.1
48.8	65.0	68.0	69.5	74.0	74.7	77.5	79.5	79.9	81.0	81.6	81.6	82.2	82.2	82.5	82.6
49.2	65.5	68.6	70.2	74.8	75.5	78.5	80.5	80.9	82.0	82.7	82.8	83.3	83.3	83.6	83.8
49.4	66.2	69.5	71.2	75.9	76.6	79.9	82.0	82.6	83.9	84.8	84.8	85.4	85.4	85.7	85.9
50.0	67.2	70.7	72.4	77.4	78.1	81.7	84.1	84.8	86.5	87.5	87.6	88.2	88.2	88.6	88.8
50.2	67.9	71.5	73.3	78.5	79.3	83.3	86.0	86.8	88.9	90.1	90.1	91.0	91.0	91.4	91.6
50.4	68.3	71.9	73.8	79.2	80.1	84.4	87.3	88.1	90.4	91.9	91.9	93.0	93.1	93.4	93.7
50.4	68.5	72.3	74.2	79.7	80.7	85.2	88.4	89.3	91.7	93.2	93.4	94.7	94.8	95.2	95.5
50.5	68.6	72.4	74.3	80.0	81.0	85.6	89.0	90.2	92.8	94.5	94.7	96.3	96.4	96.9	97.2
50.5	68.7	72.6	74.5	80.1	81.1	85.8	89.3	90.7	93.5	95.4	95.6	97.4	97.5	98.1	98.5
50.5	68.7	72.6	74.5	80.1	81.1	85.9	89.4	90.8	93.7	95.6	95.8	97.7	97.8	99.1	99.7
50.5	68.7	72.6	74.5	80.1	81.1	85.9	89.4	90.8	93.7	95.6	95.8	97.8	97.8	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5475

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible] TIN CITY AFS AK 73-81 NOV

[illegible]

22.3	30.3	32.4	32.9	34.9	35.2	36.3	38.0	38.0	38.5	38.9	38.9	39.1	39.4	39.5	39.5
22.7	30.7	32.7	33.2	35.3	35.5	36.8	38.5	38.5	39.0	39.4	39.4	39.6	39.9	40.0	40.0
23.3	31.6	33.6	34.1	36.2	36.4	37.7	39.4	39.4	39.9	40.3	40.3	40.5	40.8	40.9	40.9
23.3	31.6	33.6	34.1	36.2	36.4	37.7	39.4	39.4	39.9	40.3	40.3	40.5	40.8	40.9	40.9
23.3	31.6	33.6	34.1	36.2	36.4	37.7	39.4	39.4	39.9	40.3	40.3	40.5	40.8	40.9	40.9
24.3	32.9	34.9	35.4	37.5	37.7	39.0	40.6	40.6	41.1	41.5	41.5	41.8	42.0	42.2	42.2
24.3	33.1	35.2	35.7	37.7	38.0	39.2	40.9	40.9	41.4	41.8	41.8	42.0	42.3	42.4	42.4
24.3	33.1	35.2	35.7	37.7	38.0	39.2	40.9	40.9	41.4	41.8	41.8	42.0	42.3	42.4	42.4
25.2	34.4	36.6	37.1	39.2	39.5	40.8	42.4	42.4	42.9	43.3	43.3	43.6	43.8	43.9	43.9
25.6	34.8	37.1	37.7	40.1	40.4	41.7	43.6	43.6	44.1	44.5	44.5	44.7	45.0	45.1	45.1
26.0	35.2	37.5	38.1	40.5	40.8	42.2	44.1	44.1	44.6	45.0	45.0	45.2	45.5	45.6	45.6
26.4	36.2	38.7	39.4	41.8	42.0	43.8	45.7	45.7	46.2	46.9	46.9	47.3	47.5	47.6	47.6
26.8	36.7	39.4	40.0	42.4	42.7	44.5	46.4	46.4	46.9	47.5	47.5	47.9	48.2	48.3	48.3
27.9	38.0	40.9	41.5	44.3	44.7	46.6	48.5	48.5	49.0	49.7	49.7	50.1	50.3	50.4	50.4
28.2	38.9	41.7	42.4	45.4	45.7	47.6	49.8	49.9	50.7	51.3	51.3	51.7	52.0	52.1	52.1
28.4	39.9	43.1	43.8	45.8	47.1	49.0	51.2	51.3	52.1	52.7	52.7	53.1	53.4	53.5	53.5
28.7	41.3	45.0	46.0	49.2	49.6	51.6	53.9	54.0	54.8	55.4	55.4	56.1	56.3	56.6	56.7
29.7	43.8	47.9	49.0	52.7	53.1	55.7	58.6	58.7	59.7	60.5	60.5	61.1	61.4	61.7	61.8
30.3	45.4	49.4	50.7	54.4	54.8	57.6	61.1	61.3	62.3	63.1	63.1	63.7	63.9	64.2	64.3
30.6	46.1	50.4	51.8	56.2	56.6	60.3	63.9	64.1	65.5	66.2	66.2	66.9	67.1	67.4	67.5
31.1	48.7	53.4	54.9	60.3	60.8	64.7	69.4	69.6	71.0	71.7	71.7	72.4	72.6	72.9	73.0
31.3	50.4	55.7	57.2	62.7	63.2	67.5	72.9	73.0	74.5	75.4	75.4	76.1	76.3	76.6	76.7
31.6	51.6	57.1	58.9	64.7	65.2	69.8	75.7	75.9	77.5	78.5	78.5	79.1	79.4	80.3	80.4
32.2	52.9	58.2	60.0	66.1	66.6	71.5	77.6	78.0	80.1	81.4	81.4	82.3	82.5	83.4	83.6
32.5	53.2	58.7	60.6	66.8	67.3	72.6	78.9	79.2	81.7	83.1	83.1	84.3	84.6	85.7	85.9
32.5	53.4	58.9	60.9	67.5	68.0	73.4	79.6	80.1	82.7	84.1	84.1	85.5	85.7	87.0	87.5
32.5	53.6	59.2	61.5	68.5	69.0	74.4	81.1	81.8	84.3	86.0	86.0	87.9	88.2	90.4	91.0
32.5	53.6	59.2	61.5	68.5	69.0	74.4	81.1	81.8	84.3	86.0	86.0	88.0	88.3	90.7	91.8
32.5	53.8	59.4	61.7	68.7	69.2	74.5	81.3	81.9	84.5	86.6	86.6	88.8	89.0	91.8	93.1
32.5	53.8	59.4	61.7	68.7	69.2	74.5	81.8	82.4	85.0	87.3	87.3	90.3	90.6	94.4	96.3
32.5	53.8	59.4	61.7	68.7	69.2	74.5	81.8	82.4	85.1	87.4	87.4	90.6	90.8	94.8	98.7
32.5	53.8	59.4	61.7	68.7	69.2	74.5	81.8	82.4	85.1	87.4	87.4	90.6	90.8	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 785

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 [illegible] TIN CITY AFS AK 73-81 NOV

[illegible] 0300-0500

28.1	29.1	30.7	31.2	33.2	34.0	35.0	36.0	36.4	37.3	37.8	37.8	38.0	38.0	38.0	38.0
28.1	29.1	30.7	31.2	33.2	34.0	35.0	36.0	36.4	37.3	37.8	37.8	38.0	38.0	38.0	38.0
21.4	30.5	32.1	32.6	34.6	35.4	36.4	37.4	37.8	38.7	39.2	39.2	39.4	39.4	39.4	39.4
21.4	30.5	32.1	32.6	34.6	35.4	36.4	37.4	37.8	38.7	39.2	39.2	39.4	39.4	39.4	39.4
21.6	30.8	32.3	32.8	34.9	35.6	36.6	37.7	38.0	38.9	39.4	39.4	39.7	39.7	39.7	39.7
22.5	31.7	33.2	33.7	35.8	36.5	37.5	38.5	38.9	39.8	40.3	40.3	40.6	40.6	40.6	40.6
22.5	31.7	33.2	33.7	35.8	36.5	37.5	38.5	38.9	39.8	40.3	40.3	40.6	40.6	40.6	40.6
22.5	31.7	33.2	33.7	35.8	36.5	37.5	38.5	38.9	39.8	40.3	40.3	40.6	40.6	40.6	40.6
23.7	33.5	35.0	35.6	37.7	38.4	39.4	40.5	40.8	41.7	42.2	42.2	42.5	42.5	42.5	42.5
23.8	34.1	35.6	36.3	38.3	39.1	40.1	41.2	41.6	42.5	43.0	43.0	43.3	43.3	43.3	43.3
24.4	34.9	36.4	37.0	39.2	39.9	41.0	42.4	42.7	43.6	44.1	44.1	44.4	44.4	44.4	44.4
25.2	36.3	37.8	38.4	40.6	41.5	43.0	44.4	44.8	45.7	46.2	46.2	46.4	46.4	46.6	46.6
25.3	36.4	37.9	38.5	40.7	41.6	43.1	44.5	44.9	45.8	46.3	46.3	46.6	46.6	46.7	46.7
25.7	37.2	38.7	39.3	42.1	43.0	44.8	46.3	46.8	47.7	48.2	48.2	48.5	48.5	48.7	48.7
26.1	38.3	40.1	40.8	43.6	44.5	46.7	48.5	49.0	50.0	50.6	50.6	50.9	50.9	51.1	51.3
26.6	39.8	42.0	42.7	45.5	46.4	48.6	50.4	50.9	51.9	52.5	52.5	52.8	52.8	53.1	53.2
27.4	41.6	44.0	44.6	48.6	49.5	51.7	53.6	54.1	55.1	55.7	55.7	56.0	56.0	56.5	56.7
28.6	44.3	46.9	47.7	52.0	52.9	56.1	58.1	58.7	59.7	60.7	60.7	60.9	60.9	61.5	61.7
28.9	45.0	48.0	48.9	53.2	54.1	57.3	59.3	59.8	60.9	62.0	62.0	62.2	62.2	62.7	63.0
29.3	46.4	49.6	50.8	56.1	57.0	61.3	63.6	64.2	65.4	66.5	66.5	66.9	66.8	67.3	67.6
29.4	48.2	51.8	52.9	59.0	59.9	64.4	67.2	67.9	69.2	70.5	70.5	70.7	70.7	71.2	71.5
29.4	48.9	52.7	53.8	61.1	62.0	66.4	69.8	70.6	71.9	73.2	73.2	73.4	73.4	73.9	74.3
30.7	50.9	54.7	56.1	63.7	64.6	69.3	72.8	73.5	75.4	76.8	76.8	77.5	77.5	78.1	78.5
31.7	52.3	56.4	57.9	66.0	66.9	71.8	75.8	76.7	78.9	80.7	80.7	81.9	81.9	82.6	83.0
31.9	52.5	57.0	58.7	66.8	67.7	73.0	77.2	78.5	81.0	83.0	83.0	84.5	84.5	85.6	86.0
31.9	52.5	57.1	58.8	66.9	67.8	73.2	77.6	78.9	81.7	83.8	83.8	85.5	85.6	86.8	87.4
31.9	52.9	57.5	59.2	67.6	68.4	73.9	78.6	80.0	83.0	85.5	85.5	87.3	87.4	89.1	90.7
32.2	53.6	58.1	59.8	68.2	69.1	74.6	79.3	80.7	83.7	86.5	86.5	88.8	88.9	91.1	93.1
32.2	53.6	58.1	59.8	68.2	69.1	74.6	79.5	80.9	84.0	87.4	87.4	90.6	90.7	93.0	95.0
32.2	53.6	58.1	59.6	68.2	69.1	74.6	79.5	80.9	84.2	87.7	87.7	91.2	91.3	95.2	97.6
32.2	53.6	58.1	59.8	68.2	69.1	74.6	79.5	80.9	84.2	87.7	87.7	91.2	91.3	95.2	99.1
32.2	53.6	58.1	59.8	68.2	69.1	74.6	79.5	80.9	84.2	87.7	87.7	91.2	91.3	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 786

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 170 TIN CITY AFS AK 73-81 NOV

21.2	26.7	28.0	28.3	29.6	30.2	31.9	32.5	32.5	33.2	33.5	33.7	33.8	33.8	33.8	33.8
21.5	27.2	28.5	28.8	30.1	30.7	32.4	33.0	33.0	33.9	34.3	34.4	34.6	34.6	34.6	34.6
22.0	28.2	29.5	29.9	31.1	31.8	33.4	34.1	34.1	34.9	35.3	35.5	35.6	35.6	35.6	35.6
22.0	28.2	29.5	29.9	31.1	31.6	33.4	34.1	34.1	34.9	35.3	35.5	35.6	35.6	35.6	35.6
22.1	28.3	29.6	30.0	31.3	31.9	33.5	34.2	34.2	35.1	35.5	35.6	35.7	35.7	35.7	35.7
22.7	29.0	30.2	30.6	31.9	32.5	34.2	34.8	34.8	35.7	36.1	36.2	36.3	36.3	36.3	36.3
22.7	29.0	30.2	30.6	31.9	32.5	34.2	34.8	34.8	35.7	36.1	36.2	36.3	36.3	36.3	36.3
22.7	29.0	30.2	30.6	31.9	32.5	34.2	34.8	34.8	35.7	36.1	36.2	36.3	36.3	36.3	36.3
24.4	31.0	32.3	32.7	33.9	34.6	36.2	36.8	36.8	37.7	38.1	38.2	38.4	38.4	38.4	38.4
25.8	33.2	34.9	35.3	36.6	37.2	38.9	39.5	39.5	40.4	40.8	40.9	41.0	41.0	41.0	41.0
26.4	33.9	35.7	36.1	37.5	38.1	39.8	40.5	40.5	41.6	41.9	42.1	42.2	42.2	42.2	42.2
27.6	35.3	37.1	37.5	38.9	39.5	41.2	41.9	41.9	43.2	43.6	43.7	43.8	43.8	43.8	43.8
27.6	35.3	37.1	37.5	38.9	39.5	41.2	41.9	41.9	43.2	43.6	43.7	43.8	43.8	43.8	43.8
28.7	36.6	38.6	39.0	41.0	41.7	43.3	44.2	44.2	45.6	46.0	46.1	46.3	46.3	46.3	46.3
29.2	37.9	40.0	40.4	42.6	43.2	46.1	47.1	47.1	48.5	49.2	49.3	49.6	49.6	49.7	49.7
30.1	39.4	42.1	42.4	44.7	45.4	48.4	49.6	49.6	51.1	51.7	51.8	52.1	52.1	52.2	52.2
31.6	42.1	45.2	45.7	48.5	49.2	52.4	53.6	53.6	55.1	55.8	55.9	56.2	56.2	56.3	56.3
32.4	45.4	48.9	49.7	53.1	53.7	57.4	58.8	59.0	60.7	61.8	61.9	62.1	62.1	62.3	62.3
32.9	46.5	50.2	51.1	54.5	55.1	58.8	60.2	60.4	62.1	63.2	63.3	63.5	63.5	63.7	63.7
33.3	47.8	51.7	52.6	57.2	57.9	62.1	63.9	64.0	66.1	67.1	67.2	67.5	67.5	67.6	67.6
34.1	49.4	53.7	54.8	59.8	60.6	65.2	67.2	67.3	69.5	70.6	70.8	71.0	71.0	71.3	71.3
34.4	49.9	54.3	55.5	61.6	62.4	67.0	69.4	69.9	72.7	73.8	74.0	74.2	74.2	74.5	74.5
35.1	51.1	55.4	56.8	63.0	63.8	68.6	71.2	71.8	74.6	75.9	76.0	76.4	76.4	76.7	76.7
35.5	52.2	56.5	57.9	64.8	65.6	71.2	74.3	75.2	78.0	79.5	79.7	80.3	80.3	80.8	81.1
35.7	53.1	57.7	59.6	66.8	67.6	73.8	77.3	78.3	81.3	82.8	83.0	83.7	83.7	84.5	84.8
35.7	53.1	57.7	59.6	67.1	67.9	74.3	77.9	79.2	82.5	84.2	84.4	85.6	85.6	86.8	87.3
35.7	53.4	58.1	60.1	68.1	68.9	75.3	79.0	80.3	83.6	85.5	85.8	87.3	87.4	88.7	89.8
35.7	53.4	58.1	60.1	68.1	68.9	75.5	79.8	81.1	84.8	87.0	87.3	89.6	89.7	91.0	92.6
35.7	53.4	58.1	60.1	68.1	68.9	75.5	79.9	81.2	85.1	87.9	88.2	91.2	91.5	92.9	94.7
35.7	53.4	58.1	60.1	68.1	68.9	75.5	79.9	81.2	85.1	88.2	88.4	92.0	92.2	94.9	97.6
35.7	53.4	58.1	60.1	68.1	68.9	75.5	79.9	81.2	85.1	88.2	88.4	92.0	92.2	95.2	99.1
35.7	53.4	58.1	60.1	68.1	68.9	75.5	79.9	81.2	85.1	88.2	88.4	92.0	92.2	95.4	100.0

TOTAL NUMBER OF OBSERVATIONS 797

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7,117C TIN CITY AFS AK 73-81 NOV

0900-1100

21.3	22.5	23.3	23.3	23.6	23.6	24.2	24.8	24.9	25.3	25.8	25.8	25.8	25.8	26.0	26.0
22.9	24.2	24.9	24.9	25.3	25.3	25.8	26.4	26.5	27.0	27.5	27.5	27.5	27.5	27.8	27.8
23.9	25.2	26.0	26.0	26.4	26.4	26.9	27.5	27.7	28.2	28.7	28.7	28.7	28.7	28.9	28.9
23.9	25.2	26.0	26.0	26.4	26.4	26.9	27.5	27.7	28.2	28.7	28.7	28.7	28.7	28.9	28.9
23.9	25.2	26.0	26.0	26.4	26.4	26.9	27.5	27.7	28.2	28.7	28.7	28.7	28.7	28.9	28.9
24.4	25.7	26.5	26.5	26.9	26.9	27.4	28.1	28.2	28.7	29.2	29.2	29.2	29.2	29.4	29.4
24.3	26.0	26.9	26.9	27.3	27.3	27.8	28.4	28.6	29.1	29.6	29.6	29.6	29.6	29.8	29.8
25.3	26.5	27.4	27.4	27.8	27.8	28.3	28.9	29.1	29.6	30.1	30.1	30.1	30.1	30.3	30.3
26.7	28.3	29.3	29.3	29.7	29.7	30.2	30.8	30.9	31.7	32.2	32.2	32.2	32.2	32.5	32.5
28.2	30.1	31.1	31.1	31.6	31.6	32.1	32.7	32.8	33.6	34.1	34.1	34.1	34.1	34.3	34.3
29.7	31.6	32.7	32.7	33.7	33.7	34.2	34.8	35.1	36.1	36.6	36.6	36.6	36.6	36.9	36.9
31.2	33.1	34.2	34.2	35.2	35.2	35.7	36.4	36.6	37.6	38.1	38.1	38.1	38.1	38.4	38.4
31.7	33.6	34.7	34.7	35.7	35.7	36.2	36.9	37.1	38.1	38.6	38.6	38.6	38.6	38.9	38.9
32.6	34.6	36.4	36.4	37.5	37.6	38.2	38.9	39.1	40.4	41.1	41.1	41.5	41.5	41.8	42.0
33.8	36.7	38.7	38.9	40.5	40.6	41.3	42.1	42.4	43.6	44.4	44.4	44.8	44.8	45.3	45.7
35.5	38.9	41.1	41.6	43.6	43.8	44.8	45.9	46.2	47.5	48.6	48.6	48.9	48.9	49.4	49.8
36.6	40.3	42.6	43.3	45.7	46.0	47.7	48.8	49.1	50.7	51.8	51.8	52.2	52.2	52.8	53.2
39.0	44.2	47.0	47.7	50.7	51.3	53.5	54.8	55.1	56.7	57.9	58.0	58.4	58.4	59.0	59.4
39.2	44.6	47.7	48.3	51.3	51.9	54.3	55.7	56.0	57.6	58.7	58.9	59.2	59.2	59.9	60.3
39.9	45.8	49.1	49.7	53.8	54.6	57.2	59.2	59.6	61.6	63.4	63.5	63.9	63.9	64.7	65.3
41.0	47.5	51.1	51.9	56.2	57.2	60.5	62.6	63.1	65.4	67.4	67.5	68.1	68.1	68.8	69.4
41.5	48.1	51.7	52.7	57.4	58.6	62.3	65.2	65.7	68.6	70.8	70.9	71.4	71.4	72.5	73.2
42.1	48.9	52.6	53.7	58.4	60.0	64.0	67.0	67.8	70.7	73.1	73.3	74.0	74.0	75.0	75.7
42.3	49.4	53.2	54.3	59.0	60.9	65.2	68.4	69.2	72.6	75.1	75.3	76.7	76.9	77.9	78.6
43.0	50.4	54.3	55.5	60.5	62.6	67.4	70.7	71.4	74.8	77.6	77.9	79.4	79.7	80.9	81.6
43.1	50.6	54.5	55.6	60.9	63.4	68.4	72.3	73.1	76.9	79.9	80.1	81.9	82.3	83.5	84.4
43.1	50.9	55.1	56.2	61.6	64.2	69.4	73.8	75.1	79.0	82.9	83.1	85.0	85.4	86.7	87.9
43.4	51.2	55.5	56.9	62.4	65.0	70.6	75.0	76.4	80.5	84.8	85.0	87.5	87.9	89.2	90.8
43.4	51.2	55.5	56.9	62.4	65.0	70.6	75.0	76.4	80.8	85.8	86.0	89.3	89.7	91.7	94.0
43.4	51.2	55.5	56.9	62.4	65.0	70.6	75.1	76.5	80.9	86.0	86.3	89.7	90.2	93.1	96.7
43.4	51.2	55.5	56.9	62.4	65.0	70.6	75.1	76.5	80.9	86.0	86.3	89.7	90.2	93.5	98.7
43.4	51.2	55.5	56.9	62.4	65.0	70.6	75.1	76.5	80.9	86.0	86.3	89.7	90.2	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 795

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

[illegible] TIN CITY AFS AK 73-81 NOV

PER[illegible] 1200-1400

20.7	21.6	21.8	21.8	22.2	22.4	23.0	23.9	23.9	24.2	24.3	24.3	24.3	24.4	24.4	24.7
21.8	23.0	23.7	23.7	24.1	24.2	25.1	26.0	26.0	26.3	26.4	26.7	26.7	26.8	26.8	27.0
22.4	23.5	24.2	24.3	24.7	24.8	25.7	26.7	26.7	26.9	27.0	27.3	27.3	27.4	27.4	27.7
22.9	24.1	24.7	24.8	25.4	25.5	26.4	27.3	27.3	27.6	27.7	28.0	28.0	28.1	28.1	28.3
23.5	24.7	25.4	25.5	26.0	26.1	27.2	28.1	28.1	28.5	28.6	28.9	29.0	29.1	29.1	29.4
24.1	25.2	25.9	26.0	26.5	26.7	27.8	28.7	28.7	29.1	29.3	29.5	29.6	29.8	29.8	30.0
24.2	25.4	26.0	26.1	26.7	26.6	28.0	28.9	28.9	29.3	29.4	29.6	29.8	29.9	29.9	30.2
25.1	26.3	26.9	27.0	27.6	27.7	28.9	29.8	29.8	30.2	30.3	30.6	30.7	30.8	30.8	31.1
26.7	28.3	29.3	29.4	29.9	30.0	31.2	32.1	32.1	32.5	32.6	33.0	33.2	33.3	33.3	33.6
27.8	29.9	30.9	31.1	31.6	31.7	32.9	33.8	33.8	34.2	34.3	34.7	34.9	35.0	35.0	35.2
28.2	30.3	31.5	31.6	32.2	32.4	33.6	34.7	34.9	35.2	35.4	35.8	35.9	36.0	36.0	36.3
29.4	31.6	32.8	32.9	33.6	33.8	35.0	36.4	36.5	36.9	37.1	37.5	37.6	37.7	37.7	38.0
29.4	31.6	32.8	32.9	33.6	33.8	35.0	36.4	36.5	36.9	37.1	37.5	37.6	37.7	37.7	38.0
30.9	33.6	34.7	34.9	35.6	35.9	37.1	38.5	38.6	39.0	39.4	39.8	40.1	40.2	40.3	40.7
32.9	36.0	37.5	37.6	38.4	38.6	39.8	41.2	41.4	41.7	42.3	42.7	42.9	43.0	43.2	43.7
34.2	37.8	39.7	40.3	41.6	42.1	43.8	45.3	45.4	45.8	46.3	46.7	47.1	47.2	47.3	47.9
35.8	39.9	41.7	42.4	43.8	44.3	46.7	48.4	48.5	48.9	49.4	49.8	50.3	50.5	50.6	51.1
38.9	43.7	45.9	46.8	48.9	49.4	52.1	54.0	54.1	54.5	55.1	55.5	56.3	56.4	56.8	57.3
39.3	44.1	46.3	47.2	49.3	49.8	52.5	54.4	54.6	55.3	56.0	56.4	57.2	57.3	57.7	58.3
39.4	44.6	47.1	48.1	50.7	51.4	54.5	56.8	57.3	58.6	59.7	60.1	61.1	61.2	61.6	62.2
40.3	46.6	49.4	51.0	53.7	54.7	58.0	60.7	61.2	62.7	63.8	64.2	65.4	65.7	66.1	66.6
41.5	47.6	50.5	52.1	55.3	56.6	59.8	62.7	63.2	64.6	65.8	66.2	67.4	67.6	68.1	68.9
42.4	49.2	52.0	53.7	56.8	58.1	61.6	64.6	65.3	66.7	68.1	68.7	70.1	70.4	71.0	71.9
43.2	50.3	53.3	55.0	58.3	59.7	64.2	67.4	68.3	69.7	71.5	72.0	74.6	75.0	75.7	77.1
43.4	50.6	53.6	55.4	58.8	60.6	65.3	68.5	69.4	70.9	72.7	73.2	76.3	76.7	77.5	78.9
43.6	51.0	54.1	56.0	59.6	61.9	66.6	70.1	71.3	73.2	75.3	75.8	79.6	80.0	81.0	82.6
44.0	51.6	54.9	56.8	60.7	63.1	68.1	72.0	73.2	75.3	77.8	78.3	83.4	83.9	85.3	87.3
44.3	52.0	55.3	57.2	61.2	63.6	69.2	73.1	74.3	76.7	79.7	80.4	86.3	86.9	88.7	90.8
44.3	52.0	55.3	57.2	61.4	63.7	69.6	73.6	74.8	78.3	81.9	82.6	89.1	89.7	91.8	94.1
44.3	52.0	55.3	57.3	61.5	63.8	69.7	73.7	74.9	78.4	82.1	82.7	89.5	90.2	93.0	96.4
44.3	52.0	55.3	57.3	61.5	63.8	69.7	73.7	74.9	78.4	82.1	82.7	89.5	90.2	93.1	96.3
44.3	52.0	55.3	57.3	61.5	63.8	69.7	73.7	74.9	78.4	82.1	82.7	89.5	90.2	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 769

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 NOV

1600-1700

21.3	21.1	21.3	21.3	22.4	22.4	23.1	23.7	23.7	24.1	24.3	24.3	24.5	24.7	24.7	24.7
22.8	22.0	22.3	22.5	23.7	23.7	24.7	25.2	25.2	25.7	25.8	25.8	26.2	26.4	26.4	26.4
22.8	22.0	22.3	22.5	23.7	23.7	25.1	25.7	25.7	26.1	26.2	26.2	26.7	26.8	26.8	26.8
23.0	22.1	22.4	22.7	23.8	23.8	25.2	25.8	25.8	26.2	26.4	26.4	26.8	27.0	27.0	27.0
23.7	22.8	23.1	23.4	24.5	24.5	26.0	26.5	26.5	27.0	27.1	27.1	27.5	27.7	27.7	27.7
23.7	22.8	23.1	23.4	24.5	24.5	26.0	26.5	26.5	27.0	27.1	27.1	27.5	27.7	27.7	27.7
22.9	23.1	23.4	23.7	24.8	24.8	26.2	26.8	26.8	27.2	27.4	27.4	27.8	28.0	28.0	28.0
23.1	24.3	24.6	24.8	26.0	26.0	27.4	28.0	28.0	28.4	28.5	28.5	29.0	29.1	29.1	29.1
25.5	27.1	27.4	27.7	28.8	28.8	30.2	30.8	30.8	31.2	31.7	31.7	32.1	32.2	32.2	32.2
27.7	30.0	30.2	30.5	31.7	31.7	33.1	33.7	33.7	34.1	34.8	34.8	35.2	35.4	35.4	35.4
29.8	31.4	31.7	32.0	33.1	33.1	34.5	35.5	35.5	35.9	36.7	36.7	37.1	37.2	37.2	37.2
30.2	32.7	33.0	33.2	34.4	34.5	35.9	36.9	36.9	37.4	38.1	38.1	38.5	38.7	38.7	38.7
30.4	32.8	33.1	33.4	34.5	34.7	36.1	37.1	37.1	37.5	38.2	38.2	38.7	38.8	38.8	38.8
31.1	33.5	33.8	34.1	35.2	35.4	36.8	37.8	37.8	38.2	38.9	38.9	39.4	39.5	39.5	39.5
32.1	34.7	35.1	35.4	36.5	36.7	38.2	39.5	39.5	39.9	40.7	40.7	41.1	41.2	41.4	41.4
32.8	35.8	36.5	37.1	38.8	39.2	41.2	42.5	42.5	42.9	43.7	43.7	44.1	44.2	44.4	44.4
35.7	39.2	40.2	40.8	42.9	43.8	46.5	47.9	47.9	48.8	49.5	49.5	49.9	50.1	50.2	50.2
37.7	43.1	44.2	44.9	47.4	48.2	51.6	53.1	53.1	53.9	55.1	55.1	56.2	56.3	56.5	56.5
37.8	43.2	44.4	45.1	47.9	48.8	52.5	53.9	53.9	54.8	55.9	55.9	57.2	57.3	57.5	57.5
38.7	44.7	45.9	46.6	50.5	51.4	55.6	57.9	58.2	59.2	60.6	60.6	62.3	62.6	62.9	63.1
40.5	48.2	50.1	51.2	55.2	56.1	60.9	64.1	64.3	65.6	67.5	67.5	69.2	69.6	69.9	70.0
40.9	48.6	50.5	51.6	55.8	57.1	62.6	66.5	66.9	68.5	70.3	70.3	72.2	72.8	73.5	73.8
40.9	48.6	50.5	51.6	55.8	57.2	63.2	67.0	67.5	69.0	70.9	70.9	73.2	73.6	74.6	75.0
41.4	49.2	51.1	52.2	56.3	57.8	64.3	68.2	68.8	70.3	72.3	72.3	74.9	75.5	76.3	76.7
42.2	50.5	52.5	53.6	57.8	59.8	66.6	70.9	71.5	73.0	75.2	75.2	78.0	76.6	79.5	80.2
42.4	50.6	52.8	53.9	58.1	60.1	67.3	71.8	72.6	74.6	77.2	77.2	[illegible]	80.7	82.2	83.0
42.4	51.1	53.2	54.9	59.3	61.6	69.0	73.9	75.0	77.3	80.6	80.6	84.0	84.6	86.9	87.9
42.5	51.2	53.4	55.1	59.8	62.1	69.6	74.5	75.6	78.3	82.0	82.0	85.6	86.4	89.3	90.6
42.5	51.2	53.4	55.1	59.8	62.1	69.9	75.6	76.7	79.7	83.9	83.9	87.9	88.7	92.4	94.7
42.5	51.2	53.6	55.5	60.2	62.5	70.3	76.0	77.2	80.2	84.3	84.3	88.3	89.4	93.7	96.7
42.5	51.2	53.6	55.5	60.2	62.5	70.3	76.0	77.2	80.2	84.3	84.3	88.4	89.6	94.2	98.9
42.5	51.2	53.6	55.5	60.2	62.5	70.3	76.0	77.2	80.2	84.3	84.3	88.4	89.6	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 217 TIN CITY AFS AK 73,77-81 NOV

1800-2300

21.4	26.3	27.4	27.8	28.0	28.0	28.2	28.6	28.6	28.6	29.2	29.2	29.4	29.4	29.6	29.6
21.4	26.3	27.4	27.8	28.2	28.2	28.4	28.8	28.8	28.8	29.4	29.4	29.6	29.6	29.8	29.8
21.4	26.3	27.4	27.8	28.2	28.2	28.4	28.8	28.8	28.8	29.4	29.4	29.6	29.6	29.8	29.8
21.6	26.5	27.6	28.0	28.4	28.4	28.6	29.0	29.0	29.0	29.6	29.6	29.8	29.8	30.0	30.0
21.8	26.7	27.8	28.2	28.6	28.6	28.8	29.2	29.2	29.2	29.8	29.8	30.0	30.0	30.2	30.2
21.8	26.7	27.8	28.2	28.6	28.6	28.8	29.2	29.2	29.2	29.8	29.8	30.0	30.0	30.2	30.2
21.8	26.7	27.8	28.2	28.6	28.6	28.8	29.2	29.2	29.2	29.8	29.8	30.0	30.0	30.2	30.2
22.2	27.4	28.4	28.8	29.2	29.2	29.4	29.8	29.8	29.8	30.5	30.5	30.7	30.7	30.9	30.9
22.6	28.2	29.2	29.6	30.0	30.0	30.2	30.7	30.7	30.7	31.5	31.5	31.7	31.7	31.9	31.9
23.5	30.0	31.1	31.5	31.9	31.9	32.1	32.5	32.9	32.9	33.7	33.7	34.4	34.4	34.6	34.6
24.1	31.1	32.1	32.5	33.1	33.1	33.3	33.7	34.2	34.2	35.0	35.0	35.6	35.6	35.8	35.8
24.5	32.1	33.1	33.5	34.2	34.2	34.6	35.0	35.4	35.4	36.2	36.2	36.8	36.8	37.0	37.0
24.5	32.3	33.3	33.7	34.6	34.6	35.0	[illegible]	36.0	36.0	36.8	36.8	37.4	37.4	37.7	37.7
25.1	33.5	34.6	35.2	36.0	36.0	36.4	37.0	37.4	37.4	38.3	38.3	38.9	38.9	39.1	39.1
26.7	35.8	36.8	38.1	38.9	38.9	39.3	39.9	40.3	40.3	41.2	41.2	41.8	41.8	42.0	42.0
27.6	36.8	37.9	39.3	40.1	40.1	40.5	41.2	41.6	41.6	42.4	42.4	43.0	43.0	43.2	43.2
27.8	37.4	38.7	40.7	41.8	42.4	43.4	44.0	44.4	44.9	45.9	45.9	46.5	46.5	46.7	46.7
29.4	40.9	42.2	44.7	46.3	47.1	48.6	49.4	49.8	50.2	51.2	51.2	52.1	52.1	52.3	52.3
30.2	42.2	43.4	45.9	48.6	49.6	51.0	52.3	52.7	53.3	54.3	54.3	55.1	55.1	55.3	55.3
31.3	43.8	45.1	47.5	50.4	51.4	53.1	55.1	55.6	56.4	58.0	58.0	58.8	58.8	59.1	59.1
32.5	47.7	50.4	53.1	56.2	57.2	59.7	62.1	62.6	63.4	65.0	65.0	65.8	65.8	66.0	66.7
32.5	49.0	52.1	54.9	58.2	59.5	62.8	65.8	66.7	67.7	70.0	70.0	70.8	70.6	71.2	71.8
32.5	49.0	52.1	54.9	58.2	59.9	63.4	66.5	67.5	68.7	71.6	71.6	72.6	72.6	73.0	73.7
32.9	49.8	52.9	55.8	59.3	61.7	65.6	68.9	70.2	72.0	75.3	75.3	76.5	76.5	77.4	78.0
33.3	50.4	53.5	56.4	60.1	62.8	66.9	70.4	71.8	73.7	77.4	77.4	78.8	78.8	80.0	80.7
33.3	50.4	53.5	56.4	60.1	62.8	67.3	70.8	72.2	74.3	78.2	78.2	79.6	79.6	81.3	81.9
33.5	51.0	54.3	57.2	60.9	63.8	68.3	72.4	73.9	75.9	80.7	80.7	83.5	83.5	85.2	85.8
33.5	51.0	54.3	57.6	61.9	64.8	69.3	73.5	75.1	77.6	82.5	82.5	85.4	85.4	87.0	87.9
33.5	51.2	54.5	57.8	62.1	65.0	69.8	74.1	75.7	78.2	85.0	85.0	88.7	88.9	90.7	92.0
33.5	51.2	54.5	57.8	62.1	65.0	69.8	74.1	75.7	78.2	85.4	85.4	89.5	89.7	92.6	95.7
33.5	51.2	54.5	57.8	62.1	65.0	69.8	74.1	75.7	78.2	85.4	85.4	89.5	89.7	92.8	97.9
33.5	51.2	54.5	57.8	62.1	65.0	69.8	74.1	75.7	78.2	85.4	85.4	89.5	89.7	92.8	100.0

TOTAL NUMBER OF OBSERVATIONS 486

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 1175 TIN CITY AFS AK 73-81 NOV

2100-2300

23.2	30.7	32.0	32.5	34.5	34.8	35.5	36.8	37.1	37.4	37.9	37.9	38.4	38.4	38.6	38.6
23.2	30.7	32.0	32.5	34.5	34.8	35.5	36.8	37.1	37.4	37.9	37.9	38.4	38.4	38.6	38.6
23.2	30.7	32.0	32.5	34.5	34.8	35.5	36.8	37.1	37.4	37.9	37.9	38.4	38.4	38.6	38.6
23.2	30.7	32.0	32.5	34.5	34.8	35.5	36.8	37.1	37.4	37.9	37.9	38.4	38.4	38.6	38.6
23.2	30.7	32.0	32.5	34.5	34.8	35.5	36.8	37.1	37.4	37.9	37.9	38.4	38.4	38.6	38.6
23.4	31.0	32.4	32.8	34.8	35.1	35.8	37.1	37.4	37.7	38.2	38.2	38.7	38.7	38.9	38.9
23.4	31.0	32.4	32.8	34.8	35.1	35.8	37.1	37.4	37.7	38.2	38.2	38.7	38.7	38.9	38.9
23.4	31.0	32.4	32.8	34.8	35.1	35.9	37.3	37.6	37.9	38.4	38.4	38.9	38.9	39.1	39.1
24.0	32.0	33.3	34.0	35.9	36.3	37.3	38.6	38.9	39.2	39.7	39.7	40.2	40.2	40.4	40.4
24.2	32.5	33.8	34.5	36.4	36.8	37.7	39.1	39.4	39.7	40.2	40.2	40.7	40.7	40.8	40.8
24.7	33.0	34.3	35.0	36.9	37.3	38.2	39.5	40.0	40.4	40.8	40.8	41.3	41.3	41.5	41.5
24.8	33.7	35.1	35.8	37.9	38.2	39.4	40.7	41.2	41.5	42.0	42.0	43.0	43.0	43.1	43.1
25.0	34.5	35.9	36.6	38.7	39.1	40.2	41.5	42.2	42.5	43.0	43.0	44.0	44.0	44.1	44.1
25.8	35.8	37.4	38.1	40.2	40.5	42.0	43.3	44.0	44.3	44.8	44.8	45.8	45.8	45.9	45.9
26.5	37.1	38.7	39.4	41.7	42.0	43.5	44.8	45.6	45.9	46.4	46.4	47.4	47.4	47.5	47.5
26.8	38.1	39.9	40.5	42.8	43.1	44.6	45.9	46.7	47.1	47.5	47.5	48.5	48.5	48.7	48.7
27.3	39.2	41.5	42.6	45.1	45.4	46.9	48.2	49.0	49.3	50.0	50.0	51.6	51.6	51.8	51.8
29.1	43.3	46.1	47.4	50.5	50.8	52.6	54.6	55.4	55.7	56.4	56.4	58.0	58.0	58.2	58.2
29.6	44.3	47.4	48.9	52.3	52.8	54.9	57.2	58.0	58.3	59.0	59.0	60.8	60.8	60.9	60.9
30.1	45.9	49.3	51.0	55.2	55.7	58.0	60.3	61.1	61.4	62.1	62.1	63.9	63.9	64.1	64.1
31.2	49.2	53.4	55.4	60.1	61.4	63.9	66.8	67.6	68.0	68.6	68.6	70.9	70.9	71.1	71.4
31.4	50.5	55.1	57.5	62.3	63.6	66.3	69.8	70.6	70.9	71.7	71.7	74.0	74.0	74.2	74.5
32.0	51.3	56.0	58.8	63.6	65.0	68.1	71.7	72.7	73.2	74.5	74.5	76.8	76.8	77.5	77.8
32.2	52.1	57.4	60.1	65.0	66.5	69.9	73.7	75.2	76.5	78.1	78.3	81.5	81.5	82.2	82.5
32.2	52.1	57.5	60.5	65.4	66.8	70.8	74.5	76.5	77.9	79.6	79.7	83.3	83.3	84.2	84.5
32.2	52.3	57.8	60.6	66.2	67.6	71.7	75.5	77.5	78.9	80.9	81.0	84.6	85.0	86.1	86.4
32.2	52.3	58.3	61.4	67.0	68.5	72.5	76.8	78.8	80.2	82.5	82.7	86.9	87.3	88.6	89.2
32.2	52.3	58.3	61.6	67.3	68.8	72.9	77.1	79.1	81.0	83.3	83.5	87.9	88.2	89.9	90.7
32.2	52.3	58.3	61.6	67.3	68.8	72.9	77.1	79.1	81.0	84.3	84.5	89.4	89.7	91.5	93.2
32.2	52.3	58.3	61.6	67.3	68.8	72.9	77.3	79.2	81.2	84.8	85.0	90.7	91.0	93.0	95.6
32.2	52.3	58.3	61.6	67.3	68.8	72.9	77.3	79.2	81.2	84.8	85.0	90.8	91.2	93.5	98.7
32.2	52.3	58.3	61.6	67.3	68.8	72.9	77.3	79.2	81.2	84.8	85.0	90.8	91.2	93.5	100.0

TOTAL NUMBER OF OBSERVATIONS 612

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 11/0 TIN CITY AFS AK 73-81 NOV

PERCENTAGE FREQUENCY OF OCCURRENCE FROM ALL OBSERVATIONS ALL

21.3	26.0	27.0	27.3	28.5	28.8	29.6	30.6	30.7	31.1	31.5	31.5	31.7	31.8	31.9	31.9
21.8	26.6	27.7	28.1	29.3	29.6	30.5	31.4	31.5	32.0	32.4	32.5	32.7	32.7	32.8	32.9
22.3	27.3	28.4	28.8	30.0	30.3	31.3	32.2	32.3	32.8	33.2	33.2	33.4	33.5	33.6	33.6
22.4	27.4	28.5	28.9	30.1	30.4	31.4	32.3	32.4	32.9	33.3	33.3	33.5	33.6	33.7	33.7
22.7	27.6	28.8	29.1	30.3	30.6	31.6	32.5	32.7	33.2	33.6	33.6	33.8	33.9	34.[illegible]	34.[illegible]
23.2	28.2	29.3	29.7	30.9	31.2	32.2	33.1	33.2	33.6	34.1	34.2	34.4	34.5	34.6	34.6
23.3	28.3	29.5	29.8	31.0	31.3	32.4	33.3	33.4	33.9	34.3	34.3	34.6	34.6	34.7	34.7
23.7	28.7	29.9	30.2	31.4	31.7	32.8	33.7	33.8	34.3	34.7	34.7	35.0	35.0	35.1	35.2
25.0	30.5	31.7	32.0	33.3	33.6	34.6	35.6	35.7	36.2	36.7	36.7	37.0	37.0	37.1	37.1
26.0	31.9	33.2	33.6	34.9	35.2	36.3	37.2	37.4	37.9	38.4	38.5	38.7	38.8	38.9	38.9
26.7	32.8	34.1	34.5	35.9	36.2	37.3	38.4	38.6	39.2	39.7	39.7	40.0	40.1	40.2	40.2
27.6	34.0	35.4	35.8	37.2	37.6	38.8	39.9	40.1	40.8	41.3	41.4	41.7	41.8	41.9	41.9
27.8	34.3	35.7	36.1	37.5	37.9	39.1	40.3	40.5	41.1	41.6	41.7	42.0	42.1	42.2	42.2
28.7	35.4	37.0	37.4	39.2	39.6	40.9	42.1	42.3	43.0	43.6	43.7	44.1	44.1	44.3	44.4
29.6	37.0	38.7	39.2	41.1	41.5	43.1	44.4	44.7	45.4	46.1	46.1	46.5	46.6	46.8	47.0
30.4	38.4	40.5	41.1	43.2	43.7	45.4	46.8	47.1	47.9	48.6	48.6	49.1	49.2	49.4	49.5
31.6	40.3	42.6	43.5	46.0	46.5	48.7	50.2	50.4	51.4	52.1	52.2	52.7	52.8	53.1	53.2
33.3	43.7	46.4	47.4	50.4	51.1	53.8	55.5	55.8	56.8	57.7	57.8	58.5	58.6	58.9	59.1
33.8	44.6	47.3	48.4	51.6	52.3	55.1	57.0	57.3	58.4	59.3	59.4	60.1	60.2	60.5	60.7
34.2	45.7	48.7	49.9	54.0	54.7	58.0	60.4	60.8	62.1	63.3	63.4	64.2	64.3	64.6	64.9
35.2	48.2	51.7	53.1	57.6	58.5	62.3	65.1	65.6	67.0	68.3	68.4	69.3	69.4	69.8	70.1
35.6	49.1	52.8	54.4	59.3	60.4	64.4	67.8	68.4	70.0	71.5	71.6	72.5	72.6	73.1	73.5
36.1	50.1	53.9	55.6	60.6	61.8	66.1	69.7	70.4	72.2	73.8	73.9	75.1	75.2	75.9	76.3
36.6	51.1	55.0	56.7	62.0	63.3	68.1	71.9	72.8	74.9	76.9	77.0	78.7	78.9	79.6	80.2
37.0	51.7	55.7	57.6	63.0	64.5	69.7	73.7	74.7	77.0	79.0	79.2	81.2	81.4	82.3	82.9
37.1	51.8	55.9	57.8	63.5	65.0	70.4	74.7	75.8	78.3	80.6	80.8	83.0	83.2	84.5	85.[illegible]
37.1	52.2	56.4	58.5	64.4	66.0	71.6	76.2	77.4	80.1	82.8	83.0	85.8	86.1	87.7	88.8
37.3	52.4	56.6	58.7	64.8	66.5	72.2	76.9	78.2	81.1	84.1	84.3	87.5	87.9	89.7	91.2
37.3	52.4	56.7	58.8	64.9	66.5	72.3	77.2	78.5	81.7	85.4	85.6	89.4	89.8	92.1	94.[illegible]
37.3	52.4	56.7	58.9	65.0	66.6	72.4	77.4	78.7	81.9	85.8	86.0	90.2	90.6	93.8	96.6
37.3	52.4	56.7	58.9	65.0	66.6	72.4	77.4	78.7	81.9	85.8	86.0	90.3	90.7	94.1	98.7
37.3	52.4	56.7	58.9	65.0	66.6	72.4	77.4	78.7	81.9	85.8	86.0	90.3	90.7	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 5721

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70117D TIN CITY AFS AK 73-81 DEC

0000-0200

25.3	37.2	39.2	41.0	46.1	46.6	50.0	56.1	56.9	58.1	59.4	59.4	60.6	60.7	61.2	62.6
25.3	37.2	39.2	41.0	46.1	46.6	50.0	56.4	57.2	58.5	59.7	59.7	61.0	61.1	61.6	63.0
25.7	37.8	39.8	41.6	46.8	47.3	50.6	57.4	58.2	59.5	60.7	60.7	62.0	62.1	62.6	64.0
25.8	37.9	39.9	41.9	47.0	47.5	50.9	57.6	58.5	59.7	61.0	61.0	62.2	62.3	62.8	64.2
25.9	38.0	40.0	42.0	47.1	47.6	51.0	57.7	58.6	59.9	61.1	61.1	62.3	62.5	63.0	64.3
26.1	38.3	40.3	42.3	47.4	47.9	51.2	58.1	59.0	60.2	61.5	61.5	62.7	62.8	63.3	64.7
26.2	38.5	40.5	42.5	47.6	48.1	51.5	58.4	59.2	60.5	61.7	61.7	63.0	63.1	63.6	65.0
26.2	38.5	40.5	42.5	47.6	48.1	51.5	58.4	59.2	60.8	62.1	62.1	63.3	63.5	64.0	65.3
26.3	39.3	41.3	43.3	48.4	48.9	52.2	59.4	60.3	62.0	63.2	63.2	64.5	64.6	65.1	66.5
27.6	40.8	43.0	45.0	50.2	50.7	54.2	61.5	62.7	64.3	65.6	65.6	66.8	67.0	67.5	68.8
27.9	41.5	43.8	45.8	51.0	51.5	55.0	62.2	63.5	65.1	66.3	66.3	67.6	67.7	68.2	69.6
28.2	41.9	44.1	46.1	51.4	51.9	55.4	62.6	63.8	65.6	66.8	66.8	68.1	68.2	68.7	70.1
28.2	42.0	44.3	46.3	51.5	52.0	55.5	62.8	64.1	65.8	67.2	67.2	68.6	68.7	69.2	70.6
28.4	43.1	45.4	47.5	53.0	53.5	57.0	64.3	65.6	67.5	69.0	69.0	70.6	70.7	71.2	72.6
28.7	44.3	46.8	48.9	54.4	54.9	58.4	66.1	67.3	69.5	70.9	70.9	72.7	72.8	73.3	74.7
29.2	45.0	47.5	49.8	55.6	56.2	59.7	67.5	68.8	70.9	72.4	72.4	74.2	74.3	74.8	76.2
29.2	46.6	49.5	52.0	57.9	58.9	62.5	70.3	72.1	74.2	75.7	75.7	77.4	77.6	78.1	79.4
29.2	47.0	49.9	52.4	58.7	59.7	63.8	72.3	74.1	76.3	77.8	77.8	79.6	79.7	80.3	81.7
29.2	47.3	50.1	52.9	59.2	60.3	64.5	72.9	74.8	77.1	78.6	78.6	80.3	80.4	81.0	82.4
29.8	49.0	52.1	55.1	61.7	63.1	67.2	76.2	78.3	80.9	82.4	82.4	84.2	84.3	84.9	86.3
30.4	50.1	53.4	56.6	63.2	64.6	68.8	77.9	80.3	82.9	84.4	84.5	86.3	86.4	87.0	88.4
30.4	51.1	54.4	57.6	64.2	65.6	69.8	79.1	81.4	84.0	85.8	86.0	88.4	88.5	89.8	91.1
30.4	51.5	54.7	58.0	64.6	66.0	70.2	79.6	81.9	84.7	86.4	86.7	89.3	89.4	90.6	92.0
30.4	51.9	55.1	58.4	65.0	66.3	70.6	80.5	83.2	86.4	88.2	88.4	91.1	91.3	92.5	93.9
30.4	52.1	55.4	58.6	65.2	66.7	71.1	81.0	83.7	87.3	89.2	89.4	92.1	92.3	93.6	95.0
30.4	52.1	55.4	58.6	65.2	66.7	71.1	81.0	83.7	87.4	89.4	89.7	92.6	92.8	94.1	95.8
30.8	52.5	55.7	59.0	65.6	67.1	71.4	81.4	84.0	87.8	89.9	90.1	93.3	93.4	94.9	96.5
30.8	52.5	55.7	59.0	65.6	67.1	71.6	81.8	84.4	88.2	90.3	90.5	93.9	94.0	95.8	97.8
30.8	52.5	55.7	59.0	65.6	67.1	71.6	81.8	84.4	88.2	90.6	90.9	94.3	94.4	96.1	98.1
30.8	52.5	55.7	59.0	65.6	67.1	71.6	81.8	84.4	88.2	90.6	90.9	94.6	94.8	96.9	99.0
30.8	52.5	55.7	59.0	65.6	67.1	71.6	81.8	84.4	88.2	90.6	90.9	94.6	94.8	97.0	99.6
30.8	52.5	55.7	59.0	65.6	67.1	71.6	81.8	84.4	88.2	90.6	90.9	94.6	94.8	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 802

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7[illegible]17[illegible] TIN CITY AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE 0300-0500
FROM HOURLY OBSERVATIONS

25.1	36.3	37.5	39.7	45.7	45.7	50.1	55.3	56.0	57.5	58.5	58.6	60.1	60.3	61.5	62.6
25.1	36.3	37.5	39.7	45.7	45.7	50.1	56.0	56.8	58.2	59.2	59.4	60.8	61.1	62.2	63.3
25.3	36.7	37.9	40.0	46.1	46.1	50.4	56.8	57.5	59.0	60.0	60.1	61.6	61.8	62.9	64.1
25.3	36.7	37.9	40.0	46.1	46.1	50.4	56.8	57.5	59.0	60.0	60.1	61.6	61.8	62.9	64.1
25.3	36.8	38.0	40.1	46.2	46.2	50.6	56.9	57.6	59.1	60.1	60.2	61.7	62.0	63.1	64.2
25.5	37.1	38.3	40.4	46.5	46.5	50.8	57.1	57.9	59.4	60.3	60.5	62.0	62.2	63.3	64.4
25.8	37.8	39.3	41.4	47.6	47.6	51.9	58.2	59.0	60.5	61.5	61.6	63.1	63.3	64.4	65.6
26.1	38.2	39.7	41.8	48.0	48.0	52.3	58.6	59.4	61.0	62.1	62.2	63.8	64.1	65.2	66.3
26.6	39.0	40.5	42.6	48.8	48.8	53.2	59.5	60.2	61.8	62.9	63.1	64.7	64.9	66.0	67.2
26.9	39.8	41.3	43.5	49.8	49.8	54.2	60.7	61.7	63.4	64.8	64.9	66.5	66.8	67.9	69.0
27.0	40.0	41.5	43.7	50.1	50.1	54.4	61.1	62.1	63.8	65.2	65.3	66.9	67.2	68.3	69.4
27.0	40.0	41.5	43.7	50.1	50.1	54.4	61.1	62.1	63.8	65.2	65.3	66.9	67.2	68.3	69.4
27.1	40.3	41.8	44.0	50.3	50.3	54.6	61.3	62.3	64.1	65.7	65.8	67.4	67.7	68.9	70.0
27.4	42.0	43.7	46.1	52.7	52.7	57.0	63.7	64.7	66.5	68.2	68.3	69.9	70.1	71.7	72.9
27.6	43.4	45.1	47.7	54.4	54.4	58.7	65.8	66.8	69.3	70.9	71.0	72.6	72.9	74.7	75.8
27.9	43.7	45.7	48.3	55.0	55.1	59.7	66.9	68.0	70.5	72.1	72.2	73.9	74.1	76.1	77.2
27.9	44.4	46.5	49.3	56.0	56.1	60.7	68.2	69.4	71.9	73.6	73.7	75.8	76.1	78.2	79.3
27.9	44.9	47.3	50.4	57.7	58.0	63.4	71.9	73.1	75.8	77.6	77.7	79.8	80.0	82.2	83.3
27.9	46.0	48.5	51.5	58.9	59.1	64.7	73.1	74.3	77.1	78.8	78.9	81.0	81.3	83.4	84.5
28.4	47.3	50.1	53.4	61.0	61.2	66.8	75.3	77.1	80.4	82.2	82.3	84.4	84.6	86.7	87.9
29.1	48.3	51.2	54.8	62.9	63.2	68.9	77.4	79.2	82.5	84.3	84.4	86.5	86.7	88.8	90.0
29.1	48.6	51.5	55.4	64.1	64.3	70.0	78.6	80.3	83.6	85.5	85.6	88.2	88.5	91.0	92.3
29.1	48.7	51.7	55.5	64.3	64.6	70.3	78.8	80.5	84.0	86.0	86.1	88.8	89.1	91.7	93.1
29.1	49.4	52.7	56.5	65.3	65.6	71.4	79.9	81.8	85.3	87.2	87.4	90.1	90.3	92.9	94.3
29.1	49.7	53.0	56.9	65.7	65.9	71.9	80.7	82.9	86.6	88.8	89.0	91.7	91.9	94.5	95.9
29.1	49.7	53.0	56.9	65.7	65.9	71.9	80.7	82.9	86.6	88.8	89.0	91.8	92.1	94.7	96.0
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	86.9	89.1	89.2	92.4	92.7	95.3	96.7
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	86.9	89.2	89.3	92.6	92.8	95.4	97.1
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	87.1	89.7	89.8	93.1	93.3	95.9	97.9
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	87.1	89.7	89.8	93.3	93.6	96.2	98.5
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	87.1	89.8	90.0	93.4	93.7	96.4	99.6
29.1	49.8	53.2	57.0	65.8	66.0	72.0	80.9	83.1	87.1	89.8	90.0	93.4	93.7	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 827

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 2170 TIN CITY AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE FROM HOURLY OBSERVATIONS 0600-0800

24.4	35.6	37.4	39.1	44.4	44.9	49.1	53.6	54.6	56.6	58.3	58.3	59.0	59.2	60.3	61.6
24.4	35.6	37.4	39.1	44.4	44.9	49.1	54.0	55.0	56.9	58.7	58.7	59.4	59.5	60.6	62.0
24.5	36.0	37.7	39.5	44.8	45.3	49.5	54.3	55.3	57.3	59.0	59.0	59.8	59.9	61.0	62.4
24.5	36.0	37.7	39.5	44.8	45.3	49.5	54.3	55.3	57.3	59.0	59.0	59.8	59.9	61.0	62.4
24.5	36.0	37.7	39.5	44.9	45.4	49.6	54.5	55.4	57.4	59.2	59.2	59.9	60.0	61.1	62.5
24.6	36.1	37.9	39.6	45.0	45.5	49.3	54.6	55.6	57.5	59.3	59.3	60.0	60.1	61.3	62.6
24.9	36.8	38.5	40.2	46.0	46.5	50.7	55.6	56.6	58.5	60.3	60.3	61.0	61.1	62.3	63.6
25.0	37.0	38.7	40.5	46.3	46.8	51.0	55.8	56.8	58.8	60.8	60.8	61.5	61.6	62.7	64.1
26.0	38.2	40.1	42.0	47.8	48.3	52.5	57.3	58.3	60.4	62.4	62.4	63.1	63.2	64.4	65.7
26.6	39.5	41.3	43.3	49.1	49.6	53.8	58.7	59.7	61.8	63.9	63.9	64.6	64.7	65.8	67.2
26.6	39.5	41.3	43.4	49.4	49.9	54.1	59.2	60.1	62.3	64.4	64.4	65.1	65.2	66.3	67.7
26.7	39.6	41.5	43.6	49.5	50.0	54.3	59.4	60.4	62.5	64.6	64.6	65.3	65.5	66.6	67.9
27.0	40.0	41.8	43.9	49.9	50.4	54.7	59.8	60.8	62.9	65.2	65.2	66.1	66.2	67.3	68.7
27.6	42.0	43.8	45.9	52.0	52.5	57.4	62.7	63.7	65.8	68.2	68.2	69.4	69.6	70.8	72.3
28.1	43.3	45.3	46.0	54.1	54.7	59.8	65.2	66.2	68.3	70.7	70.7	72.0	72.2	73.8	75.2
28.3	44.7	46.9	49.9	55.9	56.6	61.6	67.5	68.4	70.5	72.9	72.9	74.4	74.5	76.4	77.8
28.3	45.3	47.8	51.1	57.3	57.9	63.1	69.1	70.0	72.2	74.8	74.8	76.5	76.6	78.6	80.1
28.6	45.9	48.4	52.1	58.4	59.2	64.7	72.0	73.0	75.4	78.0	78.0	79.8	80.0	81.9	83.4
28.7	46.4	48.9	52.6	58.9	59.7	65.3	72.8	73.8	76.1	78.7	78.7	80.6	80.7	82.7	84.2
29.3	47.6	50.2	54.1	60.5	61.3	67.1	74.9	76.1	78.5	81.1	81.1	82.9	83.0	85.1	86.8
30.2	49.0	51.6	55.6	62.0	62.7	68.9	76.9	78.2	80.7	83.4	83.4	85.5	85.6	87.7	89.4
30.2	49.3	52.2	56.2	62.9	63.6	70.0	78.0	79.3	82.1	85.0	85.0	87.1	87.3	89.5	91.2
30.2	49.6	52.6	56.7	63.5	64.2	70.7	78.6	80.0	82.7	85.8	85.8	88.0	88.1	90.3	92.1
30.3	49.9	52.8	56.9	63.9	64.7	71.2	79.3	80.8	83.8	86.9	86.9	89.4	89.5	91.7	93.4
30.4	50.0	53.0	57.1	64.0	64.9	71.3	79.5	80.9	83.9	87.0	87.0	89.5	89.6	91.8	93.6
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.1	81.7	84.7	88.0	88.0	90.6	90.7	92.9	94.7
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.2	85.4	88.7	88.7	91.3	91.5	93.7	95.4
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.3	85.5	88.9	88.9	91.7	91.8	94.1	96.2
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.4	86.0	90.0	90.0	92.9	93.1	95.5	97.8
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.4	86.1	90.1	90.1	93.3	93.4	96.0	98.5
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.4	86.1	90.1	90.1	93.3	93.4	96.3	99.5
30.4	50.4	53.3	57.4	64.4	65.3	71.8	80.4	82.4	86.1	90.1	90.1	93.3	93.4	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 878

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

70170 TIN CITY AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE 0900-1100
FROM HOURLY OBSERVATIONS

28.9	33.7	35.3	35.9	38.3	38.7	41.3	44.6	45.1	47.0	48.6	48.6	49.3	49.4	50.1	51.3
29.1	33.8	35.4	36.0	38.7	39.3	41.9	45.6	46.1	48.0	49.6	49.6	50.3	50.4	51.0	52.3
29.3	34.3	36.0	36.6	39.3	40.0	42.5	46.2	46.7	48.6	50.2	50.2	50.9	51.0	51.7	52.9
29.3	34.3	36.0	36.6	39.3	40.0	42.5	46.2	46.7	48.6	50.2	50.2	50.9	51.0	51.7	52.9
29.3	34.3	36.0	36.6	39.3	40.0	42.5	46.2	46.7	48.6	50.2	50.2	50.9	51.0	51.7	52.9
30.3	35.0	36.7	37.4	40.2	40.8	43.6	47.5	48.0	49.8	51.4	51.4	52.2	52.3	52.9	54.1
30.1	35.1	36.9	37.5	40.3	40.9	44.0	47.8	48.3	50.2	51.9	51.9	52.7	52.8	53.4	54.6
30.1	35.1	36.9	37.6	40.6	41.4	44.6	48.5	49.2	51.0	52.9	52.9	53.6	53.8	54.4	55.6
31.4	36.7	38.6	39.3	42.7	43.5	46.7	50.6	51.3	53.1	55.4	55.4	56.1	56.2	56.8	58.1
33.2	38.5	40.3	41.6	45.3	46.1	49.9	53.9	54.7	56.7	59.1	59.1	59.8	59.9	60.5	61.8
33.3	38.6	40.4	41.7	45.5	46.4	50.2	54.1	55.0	57.2	59.6	59.6	60.3	60.4	61.0	62.3
33.3	38.6	40.6	41.8	45.7	46.6	50.4	54.4	55.2	57.5	59.9	59.9	60.8	60.9	61.5	62.8
34.0	39.6	41.6	42.8	46.7	47.6	51.5	55.7	56.6	58.8	61.3	61.3	62.3	62.4	63.0	64.2
35.8	41.8	43.9	45.1	49.1	49.9	54.5	58.8	59.9	62.3	65.2	65.2	66.6	66.7	67.7	68.9
37.1	44.0	46.2	47.7	51.7	52.5	57.2	61.8	62.9	65.5	68.6	68.6	69.9	70.0	71.0	72.5
38.3	45.5	48.1	49.8	54.1	55.0	59.9	64.9	66.1	69.2	72.6	72.6	74.2	74.4	75.3	76.8
39.1	46.7	49.3	51.0	55.5	56.4	61.3	66.2	67.4	70.5	74.0	74.0	75.6	75.7	76.9	78.4
39.7	47.5	50.1	52.2	56.8	58.1	63.5	68.7	69.9	73.2	77.1	77.2	79.2	79.3	80.6	82.1
39.8	47.6	50.2	52.3	57.0	58.2	64.1	69.3	70.5	73.9	77.7	77.8	79.9	80.0	81.5	83.0
40.0	48.0	50.6	52.9	57.6	58.8	65.4	71.4	72.6	76.3	80.1	80.3	82.6	82.7	84.2	86.1
40.3	48.7	51.3	53.8	58.6	59.8	66.3	72.4	73.6	77.4	81.4	81.5	84.0	84.1	85.6	87.4
40.4	49.2	51.9	54.4	59.2	60.4	67.2	73.7	75.0	78.8	82.7	82.9	85.6	85.7	87.2	89.4
40.4	49.2	51.9	54.4	59.2	60.4	67.4	74.1	75.3	79.2	83.1	83.2	85.9	86.1	87.5	89.8
40.7	49.4	52.5	55.0	59.9	61.3	68.4	75.3	76.6	80.6	84.6	84.7	87.7	87.8	89.4	91.7
40.9	49.8	52.9	55.4	60.3	61.7	68.8	75.7	76.9	81.3	85.5	85.6	88.7	88.8	90.4	92.7
41.1	49.9	53.1	55.6	60.5	61.9	69.3	76.2	77.4	82.1	86.4	86.6	90.3	90.4	92.0	94.3
41.1	49.9	53.1	55.6	60.5	62.1	69.5	76.6	78.1	83.0	87.3	87.4	91.1	91.2	92.8	95.4
41.1	49.9	53.1	55.6	60.5	62.3	69.7	76.7	78.4	83.6	87.9	88.0	91.7	91.9	94.0	97.0
41.1	49.9	53.1	55.6	60.5	62.3	69.7	76.7	78.4	84.0	88.3	88.4	92.2	92.4	94.6	98.2
41.1	49.9	53.1	55.6	60.5	62.3	69.7	76.7	78.4	84.0	88.3	88.4	92.2	92.4	94.7	98.5
41.1	49.9	53.1	55.6	60.5	62.3	69.7	76.7	78.4	84.0	88.3	88.4	92.2	92.4	94.8	99.5
41.1	49.9	53.1	55.6	60.5	62.3	69.7	76.7	78.4	84.0	88.3	88.4	92.2	92.4	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 811

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE 1200-1400

26.5	30.6	31.6	33.0	35.5	36.0	38.2	40.3	41.8	43.4	44.9	44.9	46.0	46.2	47.1	47.8
27.3	31.7	32.6	34.0	36.5	37.0	39.2	41.6	43.1	44.7	46.2	46.2	47.3	47.5	48.4	49.1
27.3	31.8	32.7	34.2	36.8	37.3	39.5	41.9	43.5	45.1	46.6	46.6	47.7	47.9	48.8	49.9
27.5	32.1	33.0	34.4	37.1	37.7	39.9	42.3	43.9	45.5	47.0	47.0	48.1	48.3	49.2	50.3
27.9	32.5	33.4	34.8	37.5	38.1	40.4	42.9	44.5	46.1	47.7	47.7	48.7	49.0	49.9	50.9
28.6	33.1	34.2	35.7	38.8	39.4	41.7	44.3	46.0	47.5	49.1	49.1	50.1	50.4	51.4	52.5
29.0	33.5	34.5	36.1	39.2	39.7	42.1	44.7	46.5	48.1	49.6	49.6	50.6	50.9	51.9	53.0
29.6	34.2	35.2	36.9	40.3	40.8	43.1	45.7	47.5	49.1	50.6	50.6	51.7	51.9	53.0	54.0
30.5	35.1	36.2	38.1	41.4	41.9	44.3	46.9	48.7	50.3	51.8	51.8	52.9	53.1	54.2	55.2
32.9	37.4	38.6	40.6	44.3	44.9	47.5	50.3	52.1	53.6	55.5	55.5	56.8	57.0	58.1	59.4
33.2	37.9	39.1	41.2	44.8	45.5	48.1	50.8	52.6	54.2	56.0	56.0	57.5	57.8	58.8	60.1
33.6	38.3	39.5	41.6	45.5	46.1	48.7	51.4	53.2	54.9	56.8	56.8	58.3	58.6	59.7	61.0
34.2	39.0	40.1	42.2	46.2	46.9	49.5	52.5	54.3	56.0	57.9	57.9	59.5	59.7	61.2	62.5
35.8	40.6	41.9	44.2	48.6	49.4	52.3	55.5	57.4	59.6	61.7	61.7	63.5	63.8	65.5	66.8
37.4	42.7	44.0	46.5	50.9	51.8	54.9	58.2	60.1	62.6	64.7	64.7	66.5	67.0	68.8	70.8
38.3	44.4	46.0	48.4	53.0	54.0	57.8	61.2	63.1	66.1	68.7	68.7	70.5	71.0	72.9	74.9
39.1	45.3	47.0	49.5	54.0	55.1	58.8	62.3	64.3	67.7	70.4	70.4	72.6	73.1	75.2	77.4
39.5	46.1	47.8	50.4	55.2	56.2	60.4	64.4	66.4	70.0	73.2	73.4	75.8	76.4	79.4	81.6
40.0	46.6	48.3	50.9	55.7	56.8	61.0	65.1	67.0	70.6	73.9	74.0	76.5	77.0	80.1	82.3
40.0	46.6	48.4	51.2	56.0	57.1	61.7	66.4	68.3	72.2	75.7	75.8	78.6	79.1	82.2	84.4
40.6	47.4	49.4	52.3	57.4	58.6	63.5	68.2	70.1	74.2	77.7	77.8	80.6	81.2	84.5	86.8
41.2	48.1	50.0	53.0	58.2	59.4	64.3	69.5	71.6	75.6	79.2	79.4	82.2	82.7	86.4	89.0
41.2	48.1	50.0	53.0	58.2	59.4	64.4	69.6	71.7	75.8	79.5	79.6	82.5	83.0	86.6	89.2
41.3	48.4	50.5	53.5	58.8	60.0	65.1	70.3	72.6	76.9	80.6	80.8	83.8	84.3	88.1	90.6
41.7	49.0	51.3	54.3	59.7	60.9	66.1	71.3	73.6	78.2	82.1	82.2	85.3	85.8	89.6	92.3
41.8	49.2	51.6	54.5	60.0	61.2	66.4	71.8	74.4	79.1	83.1	83.4	86.8	87.3	91.4	94.4
41.9	49.4	51.7	54.8	60.3	61.4	66.8	72.3	74.9	79.6	83.8	84.0	87.5	88.2	92.5	95.5
41.9	49.5	51.8	54.9	60.4	61.6	66.9	72.5	75.1	79.7	84.2	84.4	87.9	88.6	93.4	96.4
41.9	49.6	51.9	55.1	60.5	61.7	67.0	72.6	75.2	79.9	84.5	84.8	88.6	89.2	94.0	97.1
41.9	49.6	51.9	55.1	60.5	61.7	67.0	72.6	75.2	80.0	84.7	84.9	88.7	89.5	94.3	98.2
41.9	49.6	51.9	55.1	60.5	61.7	67.0	72.6	75.2	80.0	84.7	84.9	88.7	89.5	94.3	99.5
41.9	49.6	51.9	55.1	60.5	61.7	67.0	72.6	75.2	80.0	84.7	84.9	88.7	89.5	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 770

GLOBAL CLIMATOLOGY BRANCH
JGAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM ALL OBSERVATIONS 1500-1700

26.3	30.3	31.4	32.0	34.7	35.3	36.8	38.8	39.8	41.2	42.9	42.9	44.2	44.2	44.5	45.8
27.1	31.2	32.3	33.0	35.7	36.5	37.9	39.9	40.9	42.3	44.1	44.1	45.3	45.3	45.6	46.9
27.6	31.7	32.8	33.4	36.1	36.9	38.4	40.7	41.7	43.1	44.8	44.8	46.1	46.1	46.4	48.2
27.6	31.7	32.8	33.4	36.1	36.9	38.4	40.7	41.7	43.1	44.8	44.8	46.1	46.1	46.4	48.2
28.1	32.2	33.4	34.1	36.8	37.6	39.0	41.4	42.3	43.7	45.5	45.5	46.8	46.8	47.1	48.6
28.5	32.6	34.1	34.9	37.6	38.4	39.8	42.2	43.1	44.5	46.6	46.8	48.0	48.0	48.3	50.1
28.7	32.8	34.2	35.0	37.7	38.5	39.9	42.5	43.4	44.8	46.9	47.1	48.3	48.3	48.7	50.4
28.8	33.3	34.7	35.5	38.2	39.0	40.4	43.3	44.2	45.6	47.7	47.9	49.1	49.1	49.4	51.2
29.2	34.1	35.5	36.3	39.0	39.8	41.2	44.1	45.0	46.4	48.5	48.7	49.9	49.9	50.2	52.3
32.0	36.9	38.4	39.1	41.8	42.6	44.1	46.9	48.0	49.9	52.0	52.1	53.4	53.4	53.7	56.1
33.0	37.9	39.3	40.1	42.8	43.6	45.0	47.9	49.0	50.9	52.9	53.1	54.4	54.4	54.7	57.1
33.6	38.5	39.9	40.7	43.6	44.4	46.0	49.3	50.4	52.3	54.4	54.5	55.8	55.8	56.6	59.0
33.6	38.8	40.3	41.0	43.9	44.7	46.3	49.6	50.7	52.6	54.7	55.0	56.3	56.3	57.1	59.4
34.9	40.3	41.8	42.6	45.8	46.8	48.7	52.3	53.7	56.1	58.2	58.5	60.1	60.1	60.9	63.2
36.0	42.6	44.2	45.0	48.2	49.3	51.2	54.8	56.3	58.8	60.9	61.2	62.9	62.9	63.7	66.7
36.1	43.6	45.2	46.0	49.1	50.4	52.3	56.1	57.5	60.4	63.4	63.7	65.8	65.8	66.6	69.7
36.1	44.1	45.6	46.6	50.1	51.3	53.6	57.7	59.1	62.0	65.0	65.3	67.7	67.7	68.5	71.6
36.6	45.3	46.9	47.9	51.8	53.1	55.8	60.7	62.3	65.3	68.3	68.6	71.2	71.3	72.6	75.9
36.9	45.8	47.4	48.5	52.5	53.7	56.6	61.5	63.1	66.1	69.1	69.4	71.9	72.1	73.4	76.7
37.1	46.6	48.2	49.4	53.4	55.2	58.2	63.4	65.0	68.1	72.3	72.6	75.1	75.3	76.7	80.0
38.0	48.0	49.6	51.0	55.3	57.2	60.7	66.1	67.7	70.8	75.3	75.6	78.6	78.8	80.3	83.7
39.0	49.3	50.9	52.3	56.6	58.6	62.3	68.3	70.0	73.4	78.0	78.3	81.3	81.5	83.2	86.7
39.0	49.4	51.0	52.5	56.7	58.8	62.4	68.5	70.2	73.5	78.3	78.6	81.6	81.8	83.5	87.0
40.1	51.3	52.9	54.4	58.8	61.0	64.8	72.1	73.9	77.2	82.3	82.6	85.9	86.1	88.0	91.4
40.1	51.7	53.2	54.7	59.1	61.3	65.1	72.6	74.3	77.8	82.9	83.2	86.5	86.7	88.9	92.7
40.1	51.7	53.2	54.7	59.1	61.3	65.1	72.6	74.3	78.0	83.4	83.7	87.0	87.2	89.7	94.0
40.1	51.7	53.2	54.7	59.1	61.3	65.1	72.6	74.3	78.1	83.5	83.8	87.2	87.3	89.9	94.6
40.1	51.8	53.4	54.8	59.3	61.5	65.3	72.7	74.6	78.6	84.0	84.3	87.6	87.8	90.5	95.9
40.1	51.8	53.4	54.8	59.3	61.5	65.3	72.7	74.6	78.8	84.8	85.1	88.6	88.7	91.6	97.0
40.1	51.8	53.4	54.8	59.3	61.5	65.3	72.7	74.6	78.9	84.9	85.4	89.5	89.7	93.0	98.7
40.1	51.8	53.4	54.8	59.3	61.5	65.3	72.7	74.6	78.9	84.9	85.4	89.5	89.7	93.2	98.9
40.1	51.8	53.4	54.8	59.3	61.5	65.3	72.7	74.6	78.9	84.9	85.4	89.5	89.7	93.2	100.0

TOTAL NUMBER OF OBSERVATIONS 631

GLOBAL CLIMATOLOGY BRANCH
AFGWC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 3170 TIN CITY AFS AK 73,77-81 DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
1800-2000

23.6	33.9	36.1	37.7	40.3	41.9	43.1	45.1	45.7	47.7	49.3	49.3	50.7	51.1	52.5	52.5
23.6	33.9	36.1	37.7	40.3	41.9	43.1	45.1	45.7	47.7	49.3	49.3	50.7	51.1	52.5	52.5
23.6	33.9	36.1	37.7	40.3	41.9	43.1	45.5	46.1	48.1	49.7	49.7	51.1	51.5	52.9	52.9
23.6	33.9	36.1	37.7	40.3	41.9	43.1	45.5	46.1	48.1	49.7	49.7	51.1	51.5	52.9	52.9
24.0	34.5	36.7	38.3	40.9	42.5	43.7	46.1	46.7	48.7	50.5	50.5	51.9	52.3	53.7	53.7
24.0	34.5	36.7	38.3	41.3	42.9	44.1	46.5	47.1	49.1	51.5	51.5	52.9	53.3	54.7	54.7
24.2	34.7	36.9	38.5	41.5	43.1	44.3	46.7	47.3	49.3	51.7	51.7	53.1	53.5	54.9	54.9
24.6	35.1	37.3	38.9	41.9	43.5	44.7	47.1	47.7	49.7	52.1	52.1	53.5	53.9	55.3	55.3
24.8	36.1	38.3	39.9	42.9	44.5	45.7	48.1	48.7	50.7	53.1	53.1	54.5	54.9	56.3	56.3
26.9	38.1	40.3	41.9	44.9	46.5	47.7	50.1	50.7	52.7	55.1	55.1	56.5	56.9	58.3	58.3
27.9	39.5	41.7	43.3	46.3	47.9	49.1	51.5	52.1	54.1	56.5	56.5	57.9	58.3	59.7	59.7
27.9	39.7	41.9	43.5	46.5	48.1	49.5	51.9	52.5	54.5	57.1	57.1	58.5	58.9	60.7	60.9
27.9	39.7	41.9	43.5	46.5	48.1	49.5	51.9	52.5	54.7	57.5	57.5	58.9	59.3	61.1	61.3
28.1	39.9	42.1	43.7	46.9	48.5	49.9	52.3	53.3	55.7	58.7	58.7	60.5	60.9	62.7	62.9
28.5	42.1	44.7	46.5	49.7	51.7	53.3	55.7	56.7	59.3	62.3	62.3	64.1	64.5	66.3	66.5
28.9	43.5	46.3	48.1	51.3	53.3	54.9	57.3	58.3	60.9	63.9	63.9	65.7	66.1	67.9	68.1
28.9	44.3	47.1	49.3	52.5	54.7	56.3	58.7	59.9	62.5	65.5	65.5	67.3	67.7	69.5	69.7
29.3	45.7	48.9	51.7	54.9	57.1	58.7	62.1	63.7	66.3	69.5	69.5	71.3	71.7	73.5	73.7
29.5	46.5	50.3	53.1	56.3	58.5	60.1	64.1	65.7	68.3	71.5	71.5	73.3	73.7	75.6	75.8
29.5	46.9	50.9	53.9	57.3	59.7	61.3	65.3	67.1	69.7	72.9	72.9	74.7	75.2	77.0	77.2
29.7	49.9	53.9	56.9	60.9	63.3	65.7	69.9	71.9	74.7	78.2	78.2	81.0	81.4	63.2	83.4
30.3	51.7	55.9	58.9	63.1	65.5	68.3	72.9	74.9	77.8	81.4	81.4	84.4	84.8	86.6	86.8
30.5	51.9	56.1	59.3	63.5	65.9	68.7	73.7	75.8	78.6	82.4	82.4	85.6	86.0	87.8	88.0
31.3	53.1	57.3	60.5	64.9	67.3	70.1	76.0	78.0	80.8	84.6	84.6	88.2	88.6	90.4	90.6
31.5	53.5	57.7	60.9	65.5	67.9	70.7	77.0	79.0	82.2	86.2	86.4	90.2	90.6	92.6	93.2
31.5	53.7	58.1	61.3	65.9	68.3	71.1	77.6	79.6	82.8	86.8	87.0	90.8	91.2	93.6	94.2
31.5	53.7	58.1	61.3	65.9	68.3	71.1	77.8	79.8	83.2	87.2	87.4	91.2	91.6	94.2	94.8
31.5	53.7	58.1	61.3	65.9	68.3	71.1	77.8	79.8	83.2	87.2	87.4	91.8	92.2	95.0	95.6
31.5	53.7	58.1	61.5	66.1	68.5	71.3	78.0	80.2	84.0	88.0	88.2	92.8	93.2	96.0	96.8
31.5	53.7	58.1	61.5	66.1	68.5	71.3	78.0	80.2	84.2	88.8	89.0	94.0	94.4	97.2	98.2
31.5	53.7	58.1	61.5	66.1	68.5	71.3	78.0	80.2	84.2	88.8	89.0	94.2	94.6	97.4	98.6
31.5	53.7	58.1	61.5	66.1	68.5	71.3	78.0	80.2	84.2	88.8	89.0	94.2	94.6	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 499

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
2 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 DEC

[illegible] 2100-2300

24.2	36.9	38.3	39.8	42.8	43.1	46.6	52.0	52.8	54.0	55.1	55.2	56.2	56.2	58.2	58.8
24.2	37.1	38.5	40.0	42.9	43.2	46.8	52.2	53.2	54.5	55.5	55.7	56.6	56.6	58.6	59.2
24.2	37.5	38.9	40.5	43.4	43.7	47.2	53.1	54.2	55.4	56.5	56.6	57.5	57.5	59.5	60.2
24.2	37.5	38.9	40.5	43.4	43.7	47.2	53.1	54.2	55.4	56.5	56.6	57.5	57.5	59.5	60.2
24.8	38.2	39.5	41.1	44.0	44.3	47.8	53.7	54.8	56.0	57.1	57.2	58.2	58.2	60.2	60.8
24.8	38.3	39.7	41.2	44.3	44.6	48.3	54.2	55.2	56.5	57.7	57.8	58.8	58.8	60.8	61.4
24.8	38.5	39.8	41.4	44.5	44.8	48.6	54.5	55.5	56.8	58.0	58.2	59.1	59.1	61.1	61.7
24.8	38.6	40.0	41.5	44.6	44.9	48.8	54.6	55.7	57.2	58.5	58.6	59.5	59.5	61.5	62.2
25.2	39.2	40.6	42.2	45.2	45.5	49.4	55.2	56.8	58.3	59.5	59.7	60.6	60.6	62.6	63.2
26.6	40.6	42.3	43.8	47.2	47.7	51.7	57.5	59.1	60.6	61.8	62.0	62.9	62.9	64.9	65.5
27.7	41.8	43.4	45.1	48.5	48.9	52.9	58.8	60.3	61.8	63.1	63.2	64.2	64.2	66.2	66.8
27.8	42.2	43.7	45.4	48.8	49.2	53.2	59.1	60.6	62.5	64.0	64.2	65.2	65.2	67.4	68.0
27.8	42.2	43.7	45.4	48.8	49.2	53.2	59.2	60.9	63.1	64.8	64.9	66.0	66.0	68.2	68.8
28.5	43.1	44.6	46.6	50.2	50.6	54.8	60.9	62.8	64.9	66.6	66.8	67.8	67.8	70.0	70.6
28.5	43.8	45.4	47.4	50.9	51.4	55.5	61.8	63.7	66.0	67.7	67.8	69.2	69.2	71.4	72.0
28.9	45.5	47.2	49.5	53.4	53.8	58.5	64.8	66.6	68.9	70.6	70.8	72.3	72.3	74.5	75.1
28.9	46.2	48.0	50.3	54.2	54.9	59.7	66.0	68.2	70.6	72.3	72.5	74.2	74.2	76.3	76.9
28.9	46.8	48.8	51.4	55.2	56.0	61.1	68.5	70.6	73.1	74.8	74.9	76.6	76.6	78.8	79.4
28.9	47.1	49.1	52.0	55.8	56.8	62.0	69.8	72.0	74.5	76.2	76.3	78.0	78.0	80.2	80.8
28.9	48.3	50.5	53.7	58.0	58.9	64.2	72.3	74.8	77.2	79.1	79.2	80.9	80.9	83.1	83.7
29.7	49.4	51.5	54.9	59.4	60.3	65.5	73.8	76.6	79.1	81.1	81.2	83.1	83.1	85.2	86.0
29.7	50.0	52.3	55.8	60.3	61.2	66.6	74.9	77.7	80.3	82.5	82.6	85.2	85.2	87.4	88.3
29.8	50.3	52.6	56.2	60.6	61.5	66.9	75.5	78.3	80.9	83.1	83.2	85.8	85.8	88.0	88.9
30.0	51.1	53.5	57.2	61.8	62.9	68.5	77.4	80.5	83.7	85.8	86.0	88.8	88.9	91.1	92.0
30.2	51.5	54.0	57.7	62.3	63.4	69.1	78.0	81.1	84.6	86.8	86.9	89.7	89.8	92.0	92.9
30.2	51.5	54.0	57.7	62.3	63.4	69.1	79.6	81.7	85.7	88.3	88.5	91.4	91.5	94.0	95.1
30.5	51.8	54.3	58.0	62.6	63.7	69.4	79.1	82.2	86.2	88.8	88.9	91.8	92.0	94.6	95.7
30.5	52.0	54.5	58.2	62.8	63.8	69.7	79.4	82.5	86.8	89.7	89.8	92.9	93.1	95.8	97.1
30.5	52.0	54.5	58.2	62.8	64.0	69.8	79.5	82.6	87.1	90.2	90.3	93.5	93.7	96.6	97.8
30.5	52.0	54.5	58.2	62.8	64.0	69.8	79.5	82.6	87.1	90.2	90.3	94.0	94.2	97.4	98.6
30.5	52.0	54.5	58.2	62.8	64.0	69.8	79.5	82.6	87.1	90.2	90.3	94.0	94.2	97.4	99.1
30.5	52.0	54.5	58.2	62.8	64.0	69.8	79.5	82.6	87.1	90.2	90.3	94.0	94.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 650

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

7 1170 TIN CITY AFS AK 73-81 DEC

ALL

25.6	34.4	35.9	37.4	41.2	41.7	44.7	48.6	49.5	51.1	52.5	52.5	53.6	53.8	54.8	55.8
25.8	34.7	36.2	37.6	41.5	42.1	45.0	49.3	50.2	51.8	53.2	53.2	54.3	54.5	55.5	56.5
26.0	35.1	36.6	38.0	41.9	42.5	45.4	49.9	50.8	52.4	53.9	53.9	55.0	55.1	56.1	57.2
26.1	35.1	36.6	38.1	42.0	42.6	45.5	50.0	50.9	52.5	53.9	54.0	55.1	55.2	56.2	57.3
26.3	35.4	36.9	38.4	42.3	42.9	45.8	50.3	51.2	52.8	54.3	54.3	55.4	55.6	56.5	57.6
26.6	35.7	37.3	38.8	42.8	43.4	46.4	51.0	51.9	53.5	55.0	55.1	56.2	56.3	57.3	58.4
26.8	36.1	37.7	39.2	43.3	43.8	46.9	51.5	52.4	54.0	55.6	55.6	56.7	56.9	57.9	59.0
27.0	36.3	38.[illegible]	39.5	43.6	44.2	47.4	51.9	52.9	54.6	56.2	56.3	57.4	57.6	58.5	59.7
27.7	37.3	39.[illegible]	40.6	44.8	45.4	48.5	53.1	54.1	55.8	57.5	57.6	58.7	58.9	59.8	61.0
29.1	39.0	40.7	42.5	46.8	47.4	50.7	55.4	56.6	58.4	60.2	60.2	61.4	61.5	62.5	63.7
29.6	39.6	41.3	43.1	47.5	48.1	51.3	56.1	57.3	59.1	60.9	60.9	62.1	62.3	63.3	64.5
29.8	39.8	41.6	43.3	47.8	48.4	51.7	56.5	57.7	59.6	61.5	61.5	62.7	62.9	64.0	65.2
30.0	40.2	41.9	43.7	48.2	48.8	52.1	57.0	58.2	60.2	62.2	62.2	63.5	63.7	64.8	66.0
30.9	41.7	43.5	45.3	50.0	50.7	54.3	59.3	60.6	62.8	64.9	65.0	66.5	66.6	68.0	69.2
31.6	43.4	45.3	47.3	52.0	52.8	56.5	61.7	63.0	65.4	67.5	67.6	69.2	69.4	70.8	72.2
32.1	44.5	46.7	48.8	53.7	54.5	58.4	63.8	65.1	67.7	70.1	70.1	71.8	72.0	73.5	75.0
32.3	45.4	47.7	50.0	54.9	55.9	59.8	65.3	66.8	69.5	71.9	72.0	73.9	74.1	75.6	77.1
32.6	46.2	48.5	51.1	56.3	57.3	61.8	68.1	69.6	72.4	75.0	75.1	77.1	77.3	79.1	80.6
32.7	46.7	49.1	51.7	57.0	58.0	62.6	69.0	70.6	73.4	76.0	76.1	78.1	78.3	80.1	81.6
33.0	47.6	50.1	53.0	58.4	59.6	64.3	71.1	72.9	75.9	78.7	78.8	80.9	81.1	83.0	84.5
33.6	48.8	51.4	54.5	60.1	61.3	66.3	73.2	75.0	78.2	81.0	81.1	83.5	83.7	85.6	87.2
33.9	49.6	52.3	55.4	61.1	62.3	67.5	74.6	76.5	79.7	82.7	82.9	85.5	85.7	87.8	89.6
33.9	49.7	52.5	55.6	61.4	62.6	67.8	75.1	76.9	80.2	83.3	83.4	86.1	86.3	88.5	90.2
34.2	50.4	53.3	56.4	62.3	63.6	68.8	76.5	78.5	82.0	85.1	85.3	88.2	88.4	90.6	92.4
34.3	50.7	53.6	56.8	62.7	64.0	69.3	77.1	79.2	82.9	86.1	86.3	89.3	89.5	91.7	93.6
34.4	50.9	53.8	56.9	62.9	64.2	69.5	77.4	79.6	83.4	86.9	87.0	90.2	90.4	92.8	94.9
34.5	51.0	53.9	57.1	63.0	64.3	69.7	77.8	80.0	83.9	87.4	87.6	90.8	91.1	93.5	95.6
34.5	51.0	54.0	57.1	63.1	64.4	69.8	77.9	80.2	84.2	87.8	87.9	91.3	91.6	94.3	96.7
34.5	51.1	54.0	57.2	63.1	64.5	69.9	78.0	80.3	84.5	88.4	88.5	92.0	92.3	95.1	97.6
34.5	51.1	54.0	57.2	63.1	64.5	69.9	78.0	80.3	84.6	88.5	88.7	92.5	92.7	95.7	98.5
34.5	51.1	54.0	57.2	63.1	64.5	69.9	78.0	80.3	84.6	88.5	88.7	92.5	92.7	95.8	99.3
34.5	51.1	54.0	57.2	63.1	64.5	69.9	78.0	80.3	84.6	88.5	88.7	92.5	92.7	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 5778

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

CEILING VERSUS VISIBILITY

7 170 TIN CITY AFS AK 73-81 ALL

[illegible] ALL

23.1	25.0	26.1	26.7	28.1	28.4	29.6	30.9	31.4	32.1	32.9	32.9	33.5	33.6	34.1	34.6
23.7	25.8	26.9	27.6	29.0	29.4	30.6	32.0	32.5	33.2	34.0	34.1	34.7	34.8	35.3	35.8
21.3	26.6	27.7	28.4	29.9	30.3	31.5	33.0	33.4	34.3	35.1	35.1	35.8	35.9	36.4	36.9
21.5	26.8	27.9	28.5	30.1	30.5	31.7	33.2	33.7	34.5	35.3	35.4	36.0	36.1	36.6	37.2
21.9	27.2	28.3	29.0	30.5	30.9	32.2	33.7	34.2	35.0	35.8	35.9	36.5	36.6	37.2	37.7
22.2	27.6	28.7	29.4	31.0	31.4	32.7	34.2	34.7	35.5	36.4	36.4	37.1	37.2	37.8	38.3
22.7	28.1	29.3	30.0	31.5	32.0	33.3	34.8	35.3	36.1	37.0	37.1	37.8	37.9	38.4	39.0
23.1	28.7	29.8	30.5	32.2	32.6	33.9	35.4	35.9	36.6	37.6	37.7	38.4	38.5	39.1	39.6
24.6	30.5	31.7	32.4	34.1	34.5	35.9	37.5	38.0	38.9	39.8	39.9	40.6	40.7	41.3	41.9
26.3	32.6	33.9	34.7	36.5	36.9	38.4	40.0	40.6	41.5	42.6	42.6	43.4	43.5	44.2	44.8
27.0	33.5	34.8	35.6	37.5	38.0	39.4	41.2	41.8	42.8	43.8	43.9	44.7	44.8	45.4	46.[illegible]
27.6	34.3	35.7	36.5	38.4	38.9	40.4	42.2	42.8	43.9	44.9	45.0	45.8	45.9	46.6	47.2
27.9	34.6	35.9	36.8	38.7	39.2	40.7	42.6	43.2	44.2	45.3	45.3	46.2	46.3	47.0	47.6
29.1	36.2	37.7	38.6	40.6	41.1	42.8	44.7	45.3	46.4	47.5	47.6	48.5	48.6	49.3	50.0
30.6	38.2	39.8	40.8	42.9	43.5	45.2	47.2	47.9	49.1	50.2	50.3	51.2	51.4	52.1	52.8
31.7	39.7	41.4	42.4	44.7	45.3	47.1	49.2	49.9	51.1	52.3	52.4	53.3	53.5	54.2	54.9
33.1	41.7	43.5	44.6	47.0	47.6	49.5	51.7	52.4	53.7	54.9	55.0	56.0	56.2	57.0	57.7
34.9	44.5	46.5	47.8	50.5	51.2	53.3	55.8	56.6	57.9	59.2	59.3	60.4	60.6	61.4	62.2
35.5	45.3	47.5	48.8	51.6	52.3	54.5	57.0	57.8	59.2	60.5	60.6	61.7	61.9	62.8	63.5
36.4	46.7	49.0	50.5	53.6	54.3	56.8	59.5	60.4	61.9	63.3	63.4	64.6	64.8	65.7	66.5
37.4	48.4	50.8	52.4	55.6	56.5	59.1	62.0	62.9	64.5	66.1	66.2	67.5	67.7	68.6	69.5
38.0	49.5	52.1	53.7	57.3	58.1	61.0	64.1	65.1	66.9	68.5	68.7	70.0	70.2	71.2	72.2
38.6	50.3	53.0	54.7	58.3	59.[illegible]	[illegible]2.2	65.4	66.5	68.2	70.0	70.1	71.6	71.8	72.8	73.8
39.3	51.5	54.3	56.2	60.0	61.0	64.1	67.5	68.6	70.6	72.5	72.6	74.2	74.4	75.5	76.6
39.8	52.4	55.5	57.4	61.4	62.4	65.7	69.3	70.5	72.6	74.6	74.8	76.4	76.6	77.8	79.0
40.3	53.4	56.6	58.6	62.8	64.0	67.5	71.3	72.6	74.8	77.1	77.2	79.1	79.3	80.6	81.9
40.7	54.1	57.4	59.6	64.0	65.2	68.8	72.8	74.2	76.5	78.9	79.1	81.1	81.3	82.8	84.2
41.0	54.7	58.2	60.5	65.1	66.4	70.2	74.5	75.9	78.4	80.9	81.1	83.3	83.5	85.1	86.8
41.2	55.3	58.8	61.2	66.0	67.5	71.6	76.1	77.7	80.5	83.5	83.7	86.2	86.6	88.4	90.4
41.3	55.5	59.1	61.6	66.6	68.1	72.6	77.4	79.1	82.2	85.6	85.9	89.0	89.5	92.0	94.9
41.3	55.5	59.1	61.6	66.7	68.2	72.7	77.6	79.4	82.6	86.1	86.4	89.8	90.3	93.5	98.7
41.3	55.5	59.1	61.6	66.7	68.2	72.7	77.7	79.4	82.6	86.2	86.4	89.9	90.4	93.7	100.0

TOTAL NUMBER OF OBSERVATIONS 69866

2

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS _____

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

TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

STATION	STATION NAME	PERIOD	MONTH
7 [illegible]170	TIN CITY AFS AK	73-81	JAN

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		
JAN	[illegible]-02	21.9			1[illegible].7						15.5	42.9	[illegible].3	6[illegible]9
	03-05	19.9			21.2						17.4	41.5	[illegible].4	742
	06-08	20.2			22.4						15.5	41.9	[illegible].3	754
	09-11	1[illegible].6			22.9						23.1	43.6	7.1	735
	12-14	9.7			[illegible].4						22.8	47.1	7.4	75[illegible]
	15-17	9.5			1[illegible].6						21.2	49.7	7.5	567
	18-2	19.7			17.2						15.4	47.6	[illegible].7	481
	21-23	22.2			[illegible].2						14.2	43.4	[illegible].2	549
TOTALS		16.7			2[illegible].4						18.1	44.7	[illegible].7	5287

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	MONTH
7 1177	TIN CITY AFS AK	73-81	FEB

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		
FEB	00-02	39.2			15.[illegible]						12.4	33.3	4.9	645
	03-05	39.3			17.7						9.9	33.1	4.7	679
	06-08	28.0			27.4						12.9	31.6	5.1	689
	09-11	21.3			25.8						22.7	30.3	5.8	714
	12-14	21.4			24.9						21.1	32.7	5.9	707
	15-17	21.8			23.1						21.3	33.7	6.[illegible]	623
	18-20	26.5			22.1						20.4	31.[illegible]	5.6	461
	21-23	35.8			18.9						13.5	31.7	5.0	533
TOTALS		29.2			21.9						16.8	32.2	5.4	5051

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	MONTH
7 1170	TIN CITY AFS AK	73-81	MAR

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		
MAR	00-02	35.3			29.0						12.0	33.7	5.3	744
	03-05	31.2			23.6						12.9	32.3	5.1	743
	06-08	18.7			23.0						19.3	34.	[illegible]	771
	09-11	20.9			22.4						22.2	34.6	[illegible].1	781
	12-14	19.3			24.2						21.7	34.7	[illegible].2	761
	15-17	17.3			26.2						20.1	36.4	5.2	676
	18-20	19.1			27.4						15.7	37.8	[illegible]	672
	21-23	32.2			20.9						12.5	34.4	5.2	673
TOTALS		24.3			24.0						17.1	34.7	5.7	5729

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	MONTH
7 1170	TIN CITY AFS AK	73-81	APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	24.0			13.2						16.4	41.4	6.2	751
	03-05	16.9			23.7						15.4	43.9	6.5	767
	06-08	13.7			21.9						21.3	43.1	6.9	775
	09-11	15.2			23.2						23.6	38.1	6.6	772
	12-14	15.3			25.3						23.5	37.9	6.6	767
	15-17	16.4			19.6						28.9	35.	5.7	657
	18-20	12.6			18.0						25.1	44.3	7.2	533
	21-23	16.7			19.5						17.0	44.8	6.6	647
TOTALS		16.6			20.9						21.4	41.1	5.7	5669

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	MONTH
7 .17	TIN CITY AFS AK	73-81	MAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
MAY	00-02	5.2			9.8						16.2	68.8	9.6	789
	03-05	4.9			9.8						18.0	67.3	9.6	796
	06-08	5.9			9.3						20.7	64.1	9.5	6[illegible]8
	09-11	4.3			1 .1						23.8	61.8	9.6	81[illegible]
	12-14	4.5			11.7						23.2	60.6	9.5	81[illegible]
	15-17	5.8			1 .6						24.8	58.8	9.4	791
	18-20	3.2			12.2						22.9	61.7	9.6	69[illegible]
	21-23	3.9			10.1						21.1	64.9	9.7	715
TOTALS		4.7			10.5						21.3	63.5	9.6	22[illegible]

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	MONTH
701170	TIN CITY AFS AK	73-81	JUN

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 NUMBER OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUN	00-02	3.6			14.7						16.3	63.3	8.2	747
	03-05	5.7			13.8						16.8	63.7	8.3	775
	06-08	5.9			14.7						15.9	63.6	8.2	782
	09-11	5.2			14.7						17.1	63.[illegible]	8.3	79[illegible]
	12-14	4.9			15.0						21.5	58.6	8.2	781
	15-17	5.1			13.7						26.7	54.5	8.3	629
	18-20	7.1			15.8						22.7	54.4	8.0	527
	21-23	6.8			15.7						19.8	57.8	8.[illegible]	6[illegible]6
TOTALS		5.6			14.8						19.6	59.9	8.2	5617

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

70.170	TIN CITY AFS AK	73-8	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	TOTAL OBS
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	3.8			14.5						15.6	66.1	9.4	765
	03-05	4.2			13.7						17.2	64.9	9.5	795
	06-08	4.8			11.3						20.0	64.1	9.5	871
	09-11	5.5			11.0						24.0	59.5	9.4	800
	12-14	5.0			13.0						24.5	57.5	9.3	786
	15-17	3.2			15.0						23.5	58.3	9.4	670
	18-20	2.9			12.8						21.6	62.6	9.6	478
	21-23	3.1			13.1						18.0	65.7	9.6	617
TOTALS		4.1			13.1						20.6	62.3	9.5	5632

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	MONTH
7[illegible]	TIN CITY AFS AK	73-81	AUG

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		
AUG	00-02	2.6			10.0						18.4	69.	9.9	61[illegible]
	03-05	1.6			8.1						20.3	70.[illegible]	9.1	61[illegible]
	06-08	1.4			6.2						22.8	69.7	9.2	612
	09-11	1.2			8.0						22.2	68.6	9.1	611
	12-14	1.0			[illegible].7						25.7	64.6	9.0	797
	15-17	.3			8.2						28.7	62.8	9.1	649
	18-20	.2			3.7						30.0	61.1	9.1	563
	21-23	1.2			9.9						21.3	67.6	9.0	694
TOTALS		1.2			8.5						23.7	66.7	9.1	5949

USAFETAC FORM JUL 84 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	MONTH
7 117[illegible]	TIN CITY AFS AK	73-9[illegible]	SEP

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		
SEP	[illegible]-02	6.8			13.8						21.4	58.0	[illegible].1	766
	03-05	5.0			14.8						22.8	57.3	[illegible].2	775
	06-08	3.0			9.0						31.3	57.8	8.8	779
	09-11	2.7			8.2						34.9	54.3	8.8	753
	12-14	2.6			7.0						40.2	50.3	8.9	74[illegible]
	15-17	1.6			7.3						41.7	49.4	8.9	613
	18-20	1.1			9.1						40.9	48.9	8.8	538
	21-23	3.4			14.6						26.3	55.7	8.4	671
TOTALS		3.3			10.5						32.3	54.0	8.6	5671

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	MONTH
7 1170	TIN CITY AFS AK	73-81	OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
OCT	00-02	9.1			12.6						24.4	53.9	8.[illegible]	279
	03-05	8.4			10.5						24.4	56.7	8.2	511
	06-08	6.2			7.4						25.0	61.5	8.6	611
	09-11	6.3			6.3						30.4	57.0	8.6	813
	12-14	6.3			8.2						31.9	53.6	8.5	778
	15-17	6.1			9.4						31.9	52.5	8.4	683
	18-20	3.0			15.7						27.9	53.4	8.3	572
	21-23	8.5			12.5						24.6	54.5	8.0	651
TOTALS		6.7			10.3						27.6	55.4	8.3	5664

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	MONTH
[illegible]	TIN CITY AFS AK	73-81	NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
NOV	[illegible]-02	15.0			15.4						16.7	[illegible]	[illegible]	763
	5-05	15.8			17.1						13.[illegible]	54.1	7.1	774
	06-08	11.5			16.4						17.6	52.4	7.4	78[illegible]
	09-11	4.7			17.5						22.0	55.[illegible]	8.1	79[illegible]
	12-14	3.8			15.1						25.7	54.4	8.2	766
	15-17	5.6			14.[illegible]						22.8	57.6	8.2	69[illegible]
	18-20	9.5			16.1						18.[illegible]	56.3	7.7	48[illegible]
	21-23	15.7			17.7						14.[illegible]	52.7	7.1	594
TOTALS		13.6			16.5						18.7	54.2	7.6	56[illegible]2

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

/ 1173 TIN CITY AFS AK 73-81 DEC

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
DEC	0-02	33.2			19.2						13.3	34.2	5.2	7[illegible]
	03-05	33.5			19.4						13.[illegible]	34.[illegible]	5.2	7[illegible]
	06-08	28.7			25.7						12.2	33.4	5.2	72[illegible]
	09-11	17.6			27.8						22.0	32.6	5.1	76[illegible]
	12-14	13.5			26.9						27.3	32.3	5.5	74[illegible]
	15-17	11.8			27.6						25.[illegible]	35.6	5.6	59[illegible]
	18-20	2[illegible].8			23.9						18.6	36.7	5.1	45[illegible]
	21-23	26.7			21.5						13.9	35.[illegible]	5.5	58[illegible]
TOTALS		23.5			24.0						18.2	34.3	5.8	527[illegible]

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

7 217 | TIN CITY AFS AK | 73-81 | ALL

STATION | STATION NAME | PERIOD | YEARS

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		
JAN	ALL	16.7			2[illegible].4						13.1	44.7	[illegible].7	[illegible]
FEB		29.2			21.9						26.5	32.2	[illegible].4	[illegible]
MAR		24.3			24.0						17.1	34.7	5.7	5725
APR		16.6			2[illegible].9						21.4	41.1	[illegible].7	[illegible]
MAY		4.7			1[illegible].5						21.3	53.5	[illegible].6	623
JUN		5.8			14.8						19.6	59.9	8.2	5017
JUL		4.1			13.1						2[illegible].6	62.3	5.5	5633
AUG		1.2			[illegible].5						23.7	66.7	7.1	5945
SEP		3.3			1[illegible].5						22.3	54.[illegible]	5.6	5671
OCT		6.7			13.3						27.4	55.4	8.3	5664
NOV		40.6			16.5						16.7	34.2	7.6	5652
DEC		23.6			24.0						18.2	34.3	5.8	5271
TOTALS		12.2			16.3						21.3	50.3	7.4	67607

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

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

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

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

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

Continued on Reverse

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

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

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

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means ($\bar{X}$), and standard deviations (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 1940. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

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

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

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

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

2

SL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
AI[illegible] WEATHER SERVICE/MAC
7[illegible] CAPE NEWENHAM AFS AK 53-62
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
75							.1						[illegible]
7[illegible]							.7	.2					[illegible]
[illegible]5					.1	.7	3.4	1.1	.2				[illegible]
[illegible]					.5	3.[illegible]	13.6	9.6	1.4				[illegible].3
[illegible]5					[illegible].9	13.7	34.7	39.2	[illegible].6				[illegible]
[illegible]	.1	.2			12.5	38.[illegible]	70.4	86.6	44.[illegible]	1.9	.1	.1	2[illegible]
4	1.[illegible]	.3	.1	1.5	30.9	73.7	98.7	99.8	89.6	18.6	1.4	.5	33.7
[illegible]	[illegible].2	[illegible].1	3.7	13.6	57.7	94.7	100.0	100.0	97.7	50.6	17.5	4.9	45.4
3[illegible]	31.3	22.0	23.1	4[illegible].6	85.2	100.0			100.0	7[illegible].7	45.6	25.5	62.3
[illegible]	53.3	41.1	50.0	71.4	97.4					91.3	65.3	45.7	76.5
2[illegible]	63.0	51.5	62.8	83.1	99.5					97.5	81.2	58.8	83.2
2[illegible]	7[illegible].4	61.1	72.[illegible]	91.1	1[illegible].0					99.2	89.6	68.0	87.7
1[illegible]	75.9	69.2	79.9	96.5						100.0	93.4	75.7	9[illegible].9
[illegible]	[illegible]1.3	77.[illegible]	87.9	99.0							96.6	83.5	93.9
[illegible]	85.0	83.4	93.[illegible]	99.7							99.2	89.7	95.9
[illegible]	[illegible]1.[illegible]	9[illegible].2	96.4	100.[illegible]							99.9	94.6	97.7
-5	[illegible]5.7	96.1	97.8								100.0	98.5	99.[illegible]
-1[illegible]	[illegible]8.9	98.9	99.6									99.5	99.7
-1[illegible]	100.0	100.0	100.0									100.0	100.0
MEAN	24.7	2[illegible].6	2[illegible].3	31.7	41.4	48.2	53.3	53.8	49.0	36.7	31.6	24.1	37.[illegible]
S D	14.572	14.483	11.969	7.88[illegible]	6.826	5.763	5.251	4.089	4.223	6.388	9.069	12.836	14.701
TOTAL OBS	723	643	728	72[illegible]	77[illegible]	703	700	665	662	797	709	775	8595

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
70300 CAPE NEWENHAM AFS AK 53-82

STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
[illegible]							.1						[illegible]
15						.1	1.6	.5					[illegible]
[illegible]					.3	1.5	14.5	25.1	6.1	.2			3.6
4					1.8	17.7	59.[illegible]	83.8	4[illegible].6	2.5			1[illegible]
[illegible]	.2	.2		.1	12.5	64.0	97.1	99.6	81.8	15.6	1.8		[illegible]
3[illegible]	6.4	2.5	1.4	6.[illegible]	43.6	91.7	100.0	100.0	96.5	43.1	14.5	3.4	42.1
3	12.3	7.2	5.6	12.6	59.7	96.5			98.4	55.5	23.9	7.7	46.1
3	23.0	16.5	18.1	29.3	81.7	99.9			99.4	71.1	36.5	17.6	58.
2[illegible]	41.4	3[illegible].0	36.1	53.5	96.8	100.0			100.0	87.9	55.6	32.7	69.7
00	5[illegible].7	38.7	48.1	69.3	98.9					96.0	71.8	43.1	76.7
1[illegible]	58.4	47.1	57.8	80.6	100.0					98.6	8[illegible]	53.7	81.[illegible]
1	66.3	57.4	67.[illegible]	90.6						99.8	66.9	63.4	86.3
[illegible]	73.2	65.6	76.9	96.9						100.0	95.8	73.8	9[illegible].4
[illegible]	7[illegible].4	72.2	85.7	98.9							98.5	83.[illegible]	93.2
-[illegible]	85.6	83.[illegible]	92.7	99.9							99.3	9[illegible].1	96.[illegible]
-1	93.2	92.2	95.5	1[illegible]0.0							100.0	97.1	98.2
-1[illegible]	97.9	96.7	98.6									98.9	99.4
-2	99.7	99.7	99.9									1[illegible]0.0	99.9
-2[illegible]	1[illegible]0.0	100.0	100.0										100.[illegible]
MEAN	15.7	12.0	15.3	23.2	33.8	4[illegible].6	4[illegible].6	47.5	43.2	32.8	24.3	14.6	2[illegible]
S D	15.7741	5.0041	3.467	7.007	5.173	4.258	3.692	3.057	4.351	6.8951	.2441	3.863	15.634
TOTAL OBS	723	643	728	72[illegible]	794	733	73[illegible]	6[illegible]5	692	6[illegible]3	71[illegible]	789	67[illegible]

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

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
7[illegible] CAPE NEWENHAM AFS AK 53-62
STATION STATION NAME YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

LAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
-5							.4						[illegible]
6					.1	.1	2.1	.8	.2				[illegible]
-5					.3	2.3	14.0	13.3	2.3				[illegible]
					2.6	14.6	40.0	63.3	20.2				11.[illegible]
4	.[illegible]	.2			11.6	50.3	91.7	96.5	71.6	7.5			2[illegible]
[illegible]	2.[illegible]	1.4	.5	2.9	36.2	85.2	100.[illegible]	100.0	95.[illegible]	31.1	7.1	.6	37.7
3[illegible]	15.2	9.5	6.9	19.4	71.3	98.6			99.2	62.7	29.3	10.8	51.6
30	3[illegible].6	27.5	33.8	5[illegible].7	94.2	100.0			100.0	83.9	61.6	28.3	67.[illegible]
2[illegible]	52.1	39.8	48.6	70.3	98.4					95.2	7[illegible].7	44.5	76.6
[illegible]	[illegible].6	46.3	60.6	82.8	100.0					98.2	82.5	56.4	82.[illegible]
1[illegible]	6[illegible]	57.7	70.2	91.7						99.7	90.5	66.7	87.[illegible]
10	75.0	68.0	78.7	96.9						100.0	94.2	75.4	9[illegible].7
[illegible]	8[illegible].6	7[illegible].4	88.2	98.9							98.[illegible]	83.5	93.[illegible]
[illegible]	[illegible]5.6	82.3	93.1	100.0							99.3	90.2	9[illegible]
-5	[illegible]2.3	91.4	96.2								100.0	96.0	96.[illegible]
-1	[illegible]7.6	96.9	98.2									98.6	99.[illegible]
-15	[illegible]9.2	99.7	99.9									99.9	99.9
-2[illegible]	100.0	100.0	100.0									[illegible]0.0	1[illegible]0.0
MEAN	2[illegible].4	17.[illegible]	20.8	27.7	37.8	44.6	4[illegible].8	50.9	46.4	36.0	28.2	19.7	33.[illegible]
S.D.	1[illegible].53	14.784	12.515	8.151	5.797	4.753	4.159	3.[illegible]79	4.[illegible]69	6.437	9.436	13.147	15.164
TOTAL OBS	723	643	728	720	770	7[illegible]3	7[illegible]	665	662	797	7[illegible]9	775	8595

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

7 .17 TIN CITY AFS AK 54-91

STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR \ MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54		25	19	37	37	45*	4[illegible]*	45	58*	48	53	32*	[illegible]	5[illegible]
55	*	31	27*	26	30	39	51	60	62	5[illegible]*	37	3[illegible]*	32	6[illegible]
56		32	26*	26	47	49	54	68	61	64	43	32*	29	6[illegible]
57	*	3[illegible]*	40*	31	43	5[illegible]	55	62	59	55	45	33*	2[illegible]	6[illegible]
58	*	23*	32*	33*	35*	48								
59														
60					*	3[illegible]	53	65	7[illegible]	46	42	36	37	
61		39	0	10	46	54	51	54	6[illegible]	52	38	32	2[illegible]	6[illegible]
62		36	33	32	30*	40	56	65	64	45	41	32	27	65
63		46	30	32	31	58	54	62	56	62	43	30	32	6[illegible]
64	*	10	7	16	31*	37	*	64	65*	55		*	35	
65		26	-1	36*	33*	49	58	69	56	61*	33*	16*	31	6[illegible]
66		35	29	28	47	57	57	75*	65					
67				*	46	37	63	55*	69*	55	46*	38		
68				*	32	46			*	47				
69				*	39	5[illegible]	6[illegible]	61*	47	*	33*	26	32	
70		25*	41	*	39	*	56	62	6[illegible]	51	39*	33	34	
71		3[illegible]	9	35	30	35	74	64	66	46	38	32	30	74
72		31	27	18	30	50	52	76	69	57	39	35	36	76
73		32	30	22	36	4[illegible]*	57*	59	64	53	39	37	34	64
MEAN														
S D														
TOTAL OBS														

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

[illegible] TIN CITY AFS AK 54-[illegible]
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
54	*	-29	-34	-30	-5	23	25	32	36*	25	12	-3*	-21	-34
55	*	-37	-44*	-33	-12	4	26	33	31	30*	7	-11*	-23	-44
56	*	-32	-30*	-31	-17	20	21	33	33	21	5	-17*	-30	* -31
57	*	-32*	-37*	-26	-12	12	31	34	37	24	9	-6*	-27	* -37
58	*	-24*	-14*	-17*	-10*	3								
59														
60	*				*	25	27	34	38	29	9	-10	-10	
61		-25	-31	-30	-13	17	29	31	36	27	14	-5	-42	-42
62	*	-24	-22	-22	-12*	9	24	37	33	26	10	-9	-21	-24
63		-25	-15	-27	-5	16	23	37	34	28	4	-10	-16	-27
64	*	-37	-38	-30	-22*	4	*	37	39*	32		*	-17	
65		-29	-29	-24*	-12*	27	28	34	34	21*	17*	5*	-27	-29
66	*	-23	-30	-34	-15	7	29	33*	36					
67				*	27	23	28	37*	39*	32	9*	-2		
68	*			*	-5	4			*	29				
69				*	13	17	23	36*	4[illegible]	*	13*	-15	-13	
70	*	-29*	-27	*	-14	*	35	34	35	24	1*	3	-22	
71		-25	-34	-30	-6	-4	25	37	34	30	17	-1	-2[illegible]	-34
72	*	-22	-22	-23	-9	12	23	39	39	27	21	2	-11	-23
73		-24	-21	-35	-4	3*	28*	34	33	26	19	-6	-2[illegible]	-35
74	*	-29	-35	-21	-14	6	23*	36	39	32	4	-12	-31	-35
75		-26	-33	-27	-11	5	24	34	39	25	4	-4	-20	-33
76	*	-23	-36	-17	-18	10	27	32	35	33	9	-9	-21	-36
77		-23	-33	-37	-21	5	25	32	42	3[illegible]	5	-9	-13	-37
78	*	-8	-37	-15	-11	13	27	36	42	30	11	4	-17	-37
79		-24	-24	-15	-9	19	3[illegible]	34	39	28	14	2	-19	-24
80	*	-30	-23	-19	-7	4	27	37	32	24	22	2	-15	-30
81		-2[illegible]	-26	-25	2	17	31	32	33	26	13	-11	-15	-26
MEAN	*	-24.3	-29.9	-25.6	-11.0	11.1	26.4	34.5	36.3	27.2	10.6	-6.1	-19.9	* -31.7
S D	*	4.911	7.095	6.670	6.091	6.992	2.754	2.198	3.225	3.313	5.963	5.778	8.[illegible]17	6.166
TOTAL OBS	*	702	633	677	721	750	698	757	733	685	666	647	677	8336

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

PAGE 1 0000-0200

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
36/ 35		.5	.3															6	6			
34/ 33	.1	1.0																9	9	9		1
32/ 31	.9	2.5	.4															29	29	16		12
30/ 29	2.5	2.3	.8															43	43	38		17
28/ 27	.8	1.3																16	16	30		29
26/ 25	.3	3.8																31	31	27		19
24/ 23	.9	2.2																24	24	33		14
22/ 21	.9	1.8																21	21	22		26
20/ 19	1.3	2.9																32	32	26		33
18/ 17	.9	1.6																19	19	20		25
16/ 15	.8	1.8																20	20	23		33
14/ 13	.1	2.3																19	19	9		19
12/ 11	2.3	1.4																29	29	36		13
10/ 9	1.0	2.0																23	23	19		22
8/ 7	1.6	2.5																31	31	32		27
6/ 5	2.5	1.6																31	31	35		13
4/ 3	1.6	1.6																24	24	28		28
2/ 1	2.7	1.6																33	33	29		29
0/ -1	2.9	.4																25	25	26		28
-2/ -3	5.1	.7																44	44	44		31
-4/ -5	2.9	.1																23	23	26		16
-6/ -7	4.8																	37	37	37		26
-8/ -9	3.0																	23	23	23		32
-10/ -11	3.0																	23	23	23		32
-12/ -13	4.0																	31	31	31		21
-14/ -15	3.8																	29	29	29		27
-16/ -17	3.0																	23	23	23		22
-18/ -19	4.6																	35	35	35		27
-20/ -21	2.9																	22	22	22		25
-22/ -23	1.2																	9	9	9		30
-24/ -25	.4																	3	4	3		17
-26/ -27																						22
-28/ -29																						17
-30/ -31																						10

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	≥ 81 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 JAN

PAGE 2 0000-0200

Temp. F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33																					1
-34/-35																					2
-36/-37																					2
-38/-39																					4
-40/-41																					2
-44/-45																					1
-46/-47																					1
-56/-57																					1
TOTAL	62.7	35.9	1.4																768		767
																		767		767	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	4523444	58154	75.8	12.210	767							
Dry Bulb	226495	4041	5.3	16.358	768	39.7	91.2					93
Wet Bulb	212535	3749	4.8	15.935	767	40.4	91.9					93
Dew Point	258036	-598	-.8	18.337	767	49.3	92.9					93

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) JAN (MONTH)

PAGE 1 0300-0500

Temp (°F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35			.1															1	1			
34/ 33	.1	1.4	.3															14	14	2		
32/ 31	1.0	1.5	.1															21	21	24		11
30/ 29	1.8	2.5	.9															41	41	29		13
28/ 27	1.9	2.0	.3															33	33	37		31
26/ 25	.4	2.0																19	19	26		29
24/ 23	.3	1.9																17	17	23		12
22/ 21	2.4	1.5																31	31	32		17
20/ 19	1.8	2.0																30	30	31		38
18/ 17	.6	2.6																26	26	22		23
16/ 15	.6	3.1																30	30	23		31
14/ 13	.5	3.3																30	30	23		22
12/ 11	1.6	1.6																26	26	35		21
10/ 9	.8	.9																13	13	20		26
8/ 7	1.5	2.9																35	35	25		33
6/ 5	1.9	1.3																25	25	35		12
4/ 3	3.3	1.1																35	35	39		24
2/ 1	2.5	1.4																31	31	25		38
0/ -1	3.1	.4																28	28	32		23
-2/ -3	3.8	.3																32	32	35		31
-4/ -5	4.6	.3																39	39	38		24
-6/ -7	2.0																	16	16	17		21
-8/ -9	3.9																	31	31	31		31
-10/-11	2.6																	21	21	21		37
-12/-13	4.0																	32	32	32		16
-14/-15	3.5																	28	28	28		22
-16/-17	4.4																	35	35	35		20
-18/-19	4.1																	33	33	33		20
-20/-21	4.1																	33	33	33		33
-22/-23	1.5																	12	13	12		30
-24/-25	.1																	1	2	1		27
-26/-27																						17
-28/-29																						20
-30/-31																						16

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0°F	≥32°F	≥67°F	≥77°F	≥80°F	≥93°F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC FORM 0-26 3 JUL 1971

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 JAN

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	>31	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
-32/-33																						5
-34/-35																						2
-36/-37																						4
-38/-39																						2
-40/-41																						9
-44/-45																						3
-46/-47																						4
-58/-59																						1
TOTAL	64.	633.	8	1.6																801		799
																			799		799	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature -0 F	-32 F	-67 F	-73 F	-83 F	-93 F	Total
Rel. Hu	4701415	60341	75.5	13.453	799							
Dry Bulb	234067	3855	4.8	16.413	801	39.8	91.3					93
Wet Bulb	220106	3562	4.5	15.998	799	40.5	92.8					93
Dew Point	283435	-1065	-1.3	18.799	799	48.7	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

STATION NAME

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew Point
36/ 35		.1	.5															5	5		
34/ 33	.1	1.0	.4															12	12	4	
32/ 31	1.1	2.1	.1															27	27	26	12
30/ 29	1.5	1.9	.4															30	30	30	10
28/ 27	2.1	1.4	.1															29	29	32	37
26/ 25	.9	2.9																30	30	35	30
24/ 23	.6	1.1																14	14	15	11
22/ 21	1.5	1.6																25	25	27	29
20/ 19	2.0	2.1																33	33	30	25
18/ 17	.6	2.6																26	26	17	24
16/ 15	1.4	3.7																41	41	40	24
14/ 13	.9	2.4																26	26	26	21
12/ 11	1.4	1.5																23	23	32	36
10/ 9	.6	2.7																27	27	24	27
8/ 7	1.5	2.7																34	34	31	21
6/ 5	1.6	1.4																24	24	33	17
4/ 3	2.1	1.1																26	26	28	29
2/ 1	3.0	1.4																35	35	31	39
0/ -1	2.2																	18	18	24	18
-2/ -3	3.5	1.0																36	36	31	23
-4/ -5	3.1																	25	25	30	23
-6/ -7	3.5																	28	28	28	24
-8/ -9	4.1																	33	33	33	26
-10/-11	4.0																	32	32	32	23
-12/-13	2.6																	21	21	21	26
-14/-15	4.6																	37	37	37	29
-16/-17	4.7																	38	38	38	27
-18/-19	3.2																	26	26	26	22
-20/-21	2.5																	20	20	20	29
-22/-23	2.2																	18	18	18	22
-24/-25	.7																	6	6	6	36
-26/-27	.1																	1	1	1	16
-28/-29																					8
-30/-31																					27

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤77 F	≥80 F	≥93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

STATION NAME

PAGE 2 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>30	TOTAL Db WB	Db	TOTAL Wet B	Dew P
-32/-33																					4
-34/-35																					5
-36/-37																					2
-38/-39																					4
-40/-41																					5
-42/-43																					2
-44/-45																					3
-46/-47																					2
-48/-49																					2
-52/-53																					1
-54/-55																					1
-56/-59																					2
TOTAL	63.934.6	1.5																	806		806
																		806		806	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤50 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4705464	60504	75.1	14.256	806							
Dry Bulb	237454	3976	4.9	16.450	806	39.1	91.0					93
Wet Bulb	224931	3637	4.5	16.094	806	39.8	92.5					93
Dew Point	299594	-1172	-1.5	19.237	806	47.5	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

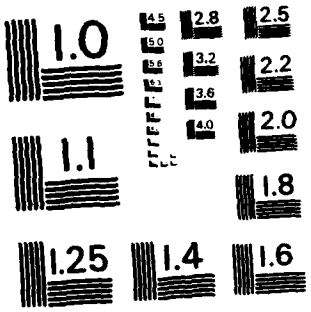
PAGE 1 0900-1100

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	31-32	TOTAL Dry B/W B	Dry B	TOTAL Wet B	Dew P
36/ 35		.2	.2															4	4		
34/ 33	.1	1.0	.4															12	12	5	
32/ 31	1.2	2.6																31	31	25	12
30/ 29	2.1	1.6	.2															32	32	39	21
28/ 27	1.9	1.6																28	28	29	32
26/ 25	1.2	1.6																23	23	23	27
24/ 23	.6	1.1																14	14	18	16
22/ 21	1.6	1.7																27	27	25	15
20/ 19	2.1	1.7																31	31	30	30
18/ 17	1.6	2.8	.2															38	38	35	26
16/ 15	1.9	3.2																41	41	42	29
14/ 13	.7	2.2																24	24	22	33
12/ 11	1.2	2.0																26	26	27	26
10/ 9	.5	2.6																25	25	24	27
8/ 7	1.0	2.8																31	31	32	20
6/ 5	2.1	1.2																27	27	30	15
4/ 3	1.6	1.1																22	22	28	19
2/ 1	3.0	1.4																35	35	32	56
0/ -1	1.5	.6																17	17	17	14
-2/ -3	3.5	.1																29	29	33	22
-4/ -5	3.1	.5																29	29	26	25
-6/ -7	4.1																	33	33	37	13
-8/ -9	3.5																	28	28	26	24
-10/-11	4.7																	38	38	36	36
-12/-13	3.3																	27	27	27	20
-14/-15	3.6																	29	30	29	24
-16/-17	4.6																	37	37	37	17
-18/-19	2.7																	22	22	22	42
-20/-21	2.0																	16	16	16	27
-22/-23	2.7																	22	23	22	30
-24/-25	1.0																	8	8	8	23
-26/-27	.2																	2	2	2	15
-28/-29																					10
-30/-31																					17

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature
Rel. Hum.						
Dry B/S						
Wet B/S						
Dew P/S						

AD-A131 191 TIN CITY AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 4/5

UNCLASSIFIED USAFETAC/DS/83/017 SBI-AD-E850 395 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

70117C TIN CITY AFS AK 73-81 JAN

PAGE 2 0900-1100

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
-32/-33																						13
-34/-35																						5
-36/-37																						5
-38/-39																						3
-40/-41																						3
-42/-43																						4
-44/-45																						5
-48/-49																						2
-52/-53																						1
-54/-55																						1
-58/-59																						1
TOTAL	65	033	9	1																810		808
																		808			808	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
						≤0 F	≤32 F	≤47 F	≤73 F	≤81 F	≤93 F	
Rel. Hum.	4764377.	60955.	75.4	14.328	808							
Dry Bulb	241248.	4064.	5.0	16.523	810	38.9	91.2					93
Wet Bulb	220316.	3764.	4.7	16.161	808	39.4	92.4					93
Dew Point	299530.	-974.	-1.2	19.228	808	46.5	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702170 TIN CITY AFS AK 73-81 JAN

PAGE 1 1200-1400

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
40/ 39		.1	.1																2	2		
38/ 37																					1	
36/ 35			.1																1	1	1	1
34/ 33	.4	.4																	6	6	5	
32/ 31	1.2	3.9	.1																40	40	16	14
30/ 29	2.1	1.4	.1																28	28	44	22
28/ 27	1.3	1.6	.1																23	23	26	26
26/ 25	1.4	2.4																	29	29	25	27
24/ 23	1.4	1.2																	20	20	28	14
22/ 21	.8	1.3																	16	16	16	25
20/ 19	1.8	1.2																	23	23	23	22
18/ 17	2.2	3.0																	40	40	31	19
16/ 15	1.2	2.6																	29	29	29	32
14/ 13	1.6	3.1																	36	36	33	21
12/ 11	.9	2.1																	23	23	26	24
10/ 9	1.3	1.3																	20	20	24	30
8/ 7	.5	1.4																	15	15	17	24
6/ 5	2.0	1.3																	25	25	27	15
4/ 3	2.6	2.0																	35	35	34	14
2/ 1	2.2	1.7																	30	30	26	41
0/ -1	2.2	.8																	23	23	24	21
-2/ -3	2.7	.4																	24	24	27	14
-4/ -5	3.5	.3																	29	29	30	26
-6/ -7	3.5																		27	27	29	25
-8/ -9	4.1																		31	31	31	26
-10/-11	5.1																		39	40	39	27
-12/-13	3.0																		23	23	23	22
-14/-15	4.1																		31	31	31	9
-16/-17	3.9																		30	31	30	38
-18/-19	2.2																		17	17	17	32
-20/-21	4.3																		33	33	33	19
-22/-23	1.7																		13	13	13	27
-24/-25	.3																		2	2	2	26
-26/-27	.1																		1	1	1	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0°F	≤32°F	≤67°F	≥73°F	≥81°F	≥93°F	Total
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

STATION NAME YEARS

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
-28/-29																					18
-30/-31																					8
-32/-33																					9
-34/-35																					9
-36/-37																					1
-38/-39																					3
-40/-41																					1
-42/-43																					1
-44/-45																					1
-46/-47																					5
-48/-49																					1
-50/-51																					1
-52/-53																					1
-54/-55																					1
-56/-57																					1
TOTAL	65.8	33.5	.7																766		764
																		764		764	

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.	4530480	57740	75.6	14.782	764							
Dry Bulb	226698	3860	5.0	16.459	766	39.5	91.9					93
Wet Bulb	215592	3586	4.7	16.140	764	40.2	92.1					93
Dew Point	286709	-893	-1.2	19.349	764	47.8	92.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN

STATION NAME YEARS MONTH

PAGE 1 1500-1700

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.3																2	2		
38/ 37		.2																1	1	2	
36/ 35		.2																1	1	1	2
34/ 33	.5	1.4																11	11	6	1
32/ 31	.7	4.0																27	27	14	12
30/ 29	2.6	2.2																28	28	34	16
28/ 27	1.9	1.7																21	21	29	23
26/ 25	.3	2.9																19	19	14	25
24/ 23	.7	1.6																13	13	20	5
22/ 21	2.2	.7																17	17	19	19
20/ 19	1.9	1.7																21	21	14	31
18/ 17	1.7	3.1																28	28	28	12
16/ 15	1.2	2.8																23	23	19	20
14/ 13	1.6	2.9																26	26	27	19
12/ 11	2.1	1.6																21	21	25	22
10/ 9	1.9	2.2																24	24	23	20
8/ 7	.9	1.4																13	13	17	25
6/ 5	2.1	.3																14	14	17	15
4/ 3	1.9	1.9																22	22	22	17
2/ 1	2.9	1.2																24	24	24	23
0/ -1	3.3	.2																20	20	20	17
-2/ -3	2.1																	12	12	13	19
-4/ -5	4.8	.3																30	30	29	12
-6/ -7	2.2																	13	13	14	13
-8/ -9	3.3																	19	19	19	20
-10/-11	3.3																	19	19	19	21
-12/-13	4.3																	25	25	25	10
-14/-15	3.3																	19	19	19	11
-16/-17	2.8																	16	16	16	26
-18/-19	4.2																	24	24	24	21
-20/-21	2.6																	15	17	15	9
-22/-23	1.4																	8	8	8	21
-24/-25	.3																	2	2	2	19
-26/-27																					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												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JAN
STATION STATION NAME YEARS 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
-28/-29																					11
-30/-31																					12
-32/-33																					3
-34/-35																					1
-36/-37																					3
-42/-43																					3
-44/-45																					3
-48/-49																					1
-50/-51																					1
TOTAL	65.134.9																		580		578
																		578		578	

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.	3548161	44623	77.2	13.371	578							
Dry Bulb	182207	3755	6.5	16.514	580	35.9	90.6					93
Wet Bulb	172458	3568	6.2	16.147	578	35.9	91.6					93
Dew Point	207832	470	.8	18.961	578	43.6	92.5					93

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-75,78-81 JAN

STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew Point
40/ 39			.2															1	1		
38/ 37		.2																1	1		
36/ 35		.6	.2															4	4	2	
34/ 33		1.3																6	6	4	
32/ 31		3.6																17	17	7	5
30/ 29	3.6	1.1																22	22	33	19
28/ 27	1.9	3.4																25	25	18	21
26/ 25	.2	1.9																10	10	15	16
24/ 23	1.3	1.1																11	11	18	2
22/ 21	1.3	.6																9	9	7	17
20/ 19	3.4	3.0																30	30	22	26
18/ 17	1.3	3.2																21	21	27	14
16/ 15	1.5	3.0																21	21	20	17
14/ 13	1.7	2.3																19	19	14	21
12/ 11	2.8	.6																16	16	23	14
10/ 9	3.4	1.9																25	25	23	20
8/ 7	.6	1.5																10	10	11	29
6/ 5	1.7	.2																9	9	13	4
4/ 3	2.8	1.1																18	18	18	13
2/ 1	3.0	2.8																27	27	22	16
0/ -1	3.0																	14	14	19	13
-2/ -3	3.2																	15	15	15	15
-4/ -5	2.1																	10	10	10	13
-6/ -7	2.8																	13	13	13	22
-8/ -9	4.7																	22	22	22	13
-10/-11	2.5																	12	12	12	11
-12/-13	3.2																	15	15	15	6
-14/-15	4.0																	19	19	19	21
-16/-17	2.3																	11	11	11	11
-18/-19	4.0																	19	19	19	25
-20/-21	1.9																	9	9	9	17
-22/-23	1.1																	5	5	5	5
-24/-25	.4																	2	2	2	14
-26/-27	.2																	1	1	1	17

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤70 F	≤81 F	≤93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-75,78-81 JAN

STATION NAME

PAGE 2 1600-2000

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	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet Bulb	Dew Point
-28/-29	.4																	2	2	2	9
-30/-31																					1
-32/-33																					1
-34/-35																					1
-36/-37																					2
TOTAL	66.233.3	.4																	471		471
																		471		471	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ±0 F	±32 F	±60 F	±73 F	±80 F	±93 F	Total
Rel. Hum.	2995834	37300	79.2	9.445	471							
Dry Bulb	147422	3268	6.9	16.292	471	33.4	90.6					93
Wet Bulb	139562	3074	6.5	15.947	471	34.4	91.8					93
Dew Point	147789	861	1.9	17.633	471	42.8	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 74-81 JAN

STATION NAME

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
36/ 35		.2	.8															6	6		
34/ 33		1.2																7	7	5	
32/ 31	.5	2.5																18	18	12	5
30/ 29	2.0	2.3	.8															31	31	26	14
28/ 27	1.5	2.3																23	23	29	21
26/ 25	.3	2.7																18	18	16	25
24/ 23	.5	.8																8	8	20	10
22/ 21	1.3	2.5																23	23	19	20
20/ 19	2.0	1.7																22	22	24	20
18/ 17	1.3	2.2																21	21	18	20
16/ 15	1.2	2.7																23	23	20	21
14/ 13	.5	3.0																21	21	15	21
12/ 11	3.0	1.7																28	28	34	17
10/ 9	1.7	2.5																25	25	22	24
8/ 7	2.0	1.5																21	21	28	19
6/ 5	2.5	.3																17	17	21	15
4/ 3	1.0	2.5																21	21	21	24
2/ 1	3.6	1.8																33	33	28	19
0/ -1	3.6																	22	22	28	20
-2/ -3	3.3	.3																22	22	21	30
-4/ -5	2.0																	12	12	13	13
-6/ -7	6.0																	36	36	36	28
-8/ -9	4.1																	25	25	25	18
-10/-11	3.6																	22	23	22	19
-12/-13	2.5																	15	15	15	16
-14/-15	3.0																	18	18	18	29
-16/-17	3.2																	19	19	19	24
-18/-19	2.8																	17	17	17	24
-20/-21	2.8																	17	17	17	11
-22/-23	1.3																	8	8	8	19
-24/-25	.5																	3	3	3	12
-26/-27																					21
-28/-29																					12
-30/-31	.2																	1	1	1	3

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117C TIN CITY AFS AK 74-81 JAN

PAGE 2 2100-2300

	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB WB	TOTAL DB	TOTAL Wet Bulb	TOTAL Dew Point
-32/-33					6
-34/-35					2
-36/-37					1
TOTAL	63.834.5 1.7		604		603
		603		603	

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	< 81 F	< 93 F	Total
Rel. Hum.	3676430.	46690	77.41	0.091	603							
Dry Bulb	173069	3525	5.81	5.903	604	36.6	91.0					93
Wet Bulb	162460	3266	5.41	5.508	603	37.5	92.2					93
Dew Point	180240	186	.31	7.299	603	47.5	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 JAN

STATION STATION NAME YEARS 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	31-32	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew P.
40/ 39		.1	.0															5	5		
38/ 37		.0																2	2	3	
36/ 35		.2	.3															28	28	4	3
34/ 33	.2	1.1	.1															77	77	40	2
32/ 31	.9	2.8	.1															210	210	140	63
30/ 29	2.2	1.9	.4															255	255	275	132
28/ 27	1.6	1.8	.1															198	198	230	220
26/ 25	.7	2.5																179	179	181	198
24/ 23	.8	1.4																121	121	175	84
22/ 21	1.5	1.5																169	169	167	168
20/ 19	2.0	2.0																222	222	202	225
18/ 17	1.3	2.6	.0															219	219	198	163
16/ 15	1.2	2.9																228	228	216	207
14/ 13	.9	2.7																201	201	169	177
12/ 11	1.8	1.6																192	192	236	175
10/ 9	1.3	2.0																182	182	179	196
8/ 7	1.2	2.2																190	190	193	198
6/ 5	2.0	1.0																172	172	211	106
4/ 3	2.1	1.5																203	203	218	168
2/ 1	2.8	1.6																248	248	219	261
0/ -1	2.7	.3																167	167	192	154
-2/ -3	3.4	.4																214	214	219	185
-4/ -5	3.3	.2																197	197	202	152
-6/ -7	3.6																	203	203	211	177
-8/ -9	3.8																	212	212	212	190
-10/-11	3.7																	206	208	206	206
-12/-13	3.4																	189	189	189	137
-14/-15	3.8																	210	211	210	172
-16/-17	3.7																	209	210	209	185
-18/-19	3.4																	193	193	193	213
-20/-21	2.9																	165	167	165	170
-22/-23	1.7																	95	97	95	184
-24/-25	.5																	27	29	27	174
-26/-27	.1																	5	5	5	142

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥70 F	≥80 F	≥90 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 JAN

STATION NAME YEARS

PAGE 2 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	31-32	TOTAL Dry B.W.B	Dry B	TOTAL Wet B	Dew P
-28/-29	.0																	2	2	2	105
-30/-31	.0																	1	1	1	94
-32/-33																					49
-34/-35																					27
-36/-37																					[illegible]
-38/-39																					16
-40/-41																					20
-42/-43																					10
-44/-45																					16
-46/-47																					12
-48/-49																					6
-50/-51																					2
-52/-53																					3
-54/-55																					3
-56/-57																					2
-58/-59																					4
TOTAL	64[illegible]4.3	1.1																	5606		5596
																		5596		5596	

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	33445365	426307	76.2	13.160	5596							
Dry Bulb	1668660	30344	5.4	16.383	5606	305.9	729.1					744
Wet Bulb	1575980	28176	5.0	16.010	5596	310.8	737.8					744
Dew Point	1963125	-3165	-.6	18.723	5596	376.3	743.3					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

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	31-32	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet Bulb	TOTAL Dew Point
36/ 35		.7																	5	5		
34/ 33		.6																	4	4	6	
32/ 31		.8																	6	6	3	6
30/ 29	.8	.4																	9	9	12	13
28/ 27	.8	.4																	9	9	9	2
26/ 25	.4	.8																	9	9	7	10
24/ 23		.7																	5	5	7	2
22/ 21	.7	.8																	11	11	11	6
20/ 19	1.0	1.4																	17	17	15	10
18/ 17	.4	.6																	7	7	8	12
16/ 15	.1	.4																	4	4	5	10
14/ 13	1.5	1.2																	20	20	14	6
12/ 11	.1	2.8	.1																22	22	12	14
10/ 9	.8	2.1	.4																24	24	29	9
8/ 7	.7	2.2	.1																22	22	26	3
6/ 5	.8	3.3																	30	30	25	15
4/ 3	1.7	3.9																	40	40	46	7
2/ 1	2.9	4.3																	52	52	44	30
0/ -1	3.3	.1																	25	25	39	30
-2/ -3	2.6																		19	19	20	30
-4/ -5	2.3	.3																	19	19	18	47
-6/ -7	3.3																		24	24	25	40
-8/ -9	5.8																		42	42	42	34
-10/-11	5.1																		37	37	37	19
-12/-13	4.8																		35	35	35	17
-14/-15	4.7																		34	34	34	37
-16/-17	4.4																		32	32	32	25
-18/-19	2.1																		15	15	15	57
-20/-21	5.0																		36	36	36	32
-22/-23	4.4																		32	32	32	23
-24/-25	5.1																		37	37	37	23
-26/-27	2.3																		17	17	17	36
-28/-29	1.9																		14	14	14	26
-30/-31	1.1																		8	8	8	20

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

PAGE 2 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 >30	TOTAL DB WB	DB	TOTAL Wet B	Dew P
-32/-33					23
-34/-35	.4	3	5	3	25
-36/-37			1		14
-38/-39					9
-42/-43					2
-46/-47					1
TOTAL	71.627.7 .7		728		725
		725		725	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	3955564	52824	72.9	12.145	725							
Dry Bulb	192162	-3012	-4.1	15.722	728	49.8	83.0					84
Wet Bulb	182397	-3163	-4.4	15.260	725	51.4	83.3					84
Dew Point	282992	-7804	-10.8	16.578	725	66.0	84.0					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 FEB

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	31-32	TOTAL D.B. W.B.	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
36/ 37		.1																1	1		
36/ 35		.7																5	5	1	
34/ 33		.5																4	4	5	
32/ 31		.5																4	4	4	8
30/ 29	1.2	.1																10	10	13	9
28/ 27	.7	1.1	.3															15	15	7	7
26/ 25	.3	.8																8	8	12	5
24/ 23	.5	.8																10	10	13	3
22/ 21	.7	.4	.1															9	9	8	10
20/ 19	.9	.9																14	14	12	17
18/ 17	.1	.8																7	7	6	11
16/ 15	.9	1.1																15	15	16	4
14/ 13	1.2	1.1																17	17	12	10
12/ 11	1.1	2.8	.5															33	33	17	18
10/ 9	.5	2.0	.1															20	20	31	10
8/ 7	.3	1.6																14	14	16	13
6/ 5	1.3	3.2																34	34	34	7
4/ 3	1.9	3.2																38	38	43	12
2/ 1	4.1	2.9																53	53	50	30
0/ -1	3.3	.1																26	26	34	30
-2/ -3	2.3	.4																20	20	20	32
-4/ -5	2.1	.3																18	18	19	33
-6/ -7	4.1																	31	31	31	35
-8/ -9	5.2																	39	39	39	41
-10/-11	4.4																	33	33	33	20
-12/-13	4.5																	34	34	34	24
-14/-15	5.6																	42	42	42	24
-16/-17	4.9																	37	37	37	40
-18/-19	1.7																	13	13	13	53
-20/-21	4.0																	30	30	30	40
-22/-23	5.2																	39	39	39	25
-24/-25	3.9																	29	29	29	25
-26/-27	2.9																	22	22	22	23
-28/-29	1.7																	13	13	13	36

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702170 TIN CITY AFS AK 73-81 FEB

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 B.	TOTAL Wet B.	TOTAL Dew Point
-30/-31	1.2																				9	9	9	17
-32/-33	.5																				4	4	4	19
-34/-35	.3																				2	4	2	26
-36/-37																						2		20
-38/-39																								5
-40/-41																								6
-44/-45																								1
-46/-47																								1
-52/-53																								1
-56/-57																								1
TOTAL	73.5	25.4	1.1																		752	756	752	752

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature: -0 F	-32 F	-47 F	-73 F	-65 F	-93 F	Total
Rel Hum	40777.7.	54515.	72.5	12.939.	752							
Dry Bulb	205779.	-2919.	-3.9	16.051	756	49.4	82.9					84
Wet Bulb	194051.	-3043.	-4.0	15.556	752	50.3	83.3					84
Dew Point	303135	-7973	-10.6	17.061	752	64.6	84.0					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 FEB

PAGE 1 0600-0800

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Dew Point
38/ 37		.1																1	1	
36/ 35		.1	.5															5	5	1
34/ 33		.3																2	2	6	2
32/ 31		1.3																10	10	4	2
30/ 29	.1	.7																6	6	9	9
28/ 27	.4	2.1																19	19	14	6
26/ 25	.5	1.1																12	12	16	11
24/ 23	.7	.7																10	10	13	11
22/ 21	.7																	5	5	7	15
20/ 19	.7	.5																9	9	8	10
18/ 17	.4	1.5																14	14	7	8
16/ 15	.8	1.3																16	16	18	7
14/ 13	1.1	.8																14	14	14	8
12/ 11	.3	2.0	.1															18	18	9	19
10/ 9	.7	2.0	.3															22	22	24	5
8/ 7	.5	2.0																19	19	20	10
6/ 5	1.3	2.5																29	29	38	8
4/ 3	2.3	3.3																42	42	40	13
2/ 1	2.9	4.8																58	58	42	23
0/ -1	3.7	.4																31	31	50	37
-2/ -3	1.5	.3																13	13	15	32
-4/ -5	2.7																	20	20	20	33
-6/ -7	3.5																	26	26	26	32
-8/ -9	3.7																	28	28	28	27
-10/-11	4.8																	36	36	36	41
-12/-13	5.3																	40	40	40	18
-14/-15	6.5																	49	49	49	14
-16/-17	3.9																	29	29	29	36
-18/-19	2.5																	19	19	19	60
-20/-21	4.9																	37	37	37	45
-22/-23	4.3																	32	32	32	20
-24/-25	4.9																	37	37	37	25
-26/-27	2.3																	17	17	17	31
-28/-29	2.3																	17	17	17	29

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Number of Hours with Temperature					
Rel. Hum.											
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

PAGE 2 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23	24-25	26-27	28-29	30-31	32-33	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
-30/-31	.4																		3	3	3	24
-32/-33	.4																		3	3	3	27
-34/-35	.3																		2	4	2	26
-36/-37																				3		13
-38/-39																						4
-40/-41																						5
-46/-47																						1
-48/-49																						2
-50/-51																						1
TOTAL	71.227.9	.9																		755		750
																			750		750	

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	4029625	54149	72.2	12.665	750							
Dry Bulb	209195	-2959	-3.9	16.188	755	49.4	83.1					84
Wet Bulb	195680	-3056	-4.1	15.641	750	51.5	83.2					84
Dew Point	306768	-7990	-10.7	17.203	750	65.3	83.8					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

725170 TIN CITY AFS AK 73-81 FEB

PAGE 1 0900-1100

Temp. F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39		.1																1	1		
38/ 37		.1																1	1	1	
36/ 35		.1	.1															2	2	1	1
34/ 33		.9																7	7	3	1
32/ 31	.3	1.6																14	14	10	3
30/ 29		.5																4	4	10	11
28/ 27	.4	.9																10	10	7	7
26/ 25	.3	1.5	.1															14	14	12	8
24/ 23	1.1	.3																10	10	18	4
22/ 21	.8	.4																9	9	7	16
20/ 19	.4	1.2																12	12	8	13
18/ 17		.8																6	6	10	6
16/ 15	.3	1.3																12	12	6	7
14/ 13	1.9	1.3	.1															25	25	24	10
12/ 11	.3	2.1	.1															19	19	11	19
10/ 9	.5	1.9																18	18	27	6
8/ 7	.9	2.7																27	27	26	7
6/ 5	1.9	3.3																39	39	41	8
4/ 3	2.0	3.2																39	39	38	19
2/ 1	3.1	2.8																44	44	40	33
0/ -1	2.7	.7																25	25	33	36
-2/ -3	2.8	.8																27	27	29	24
-4/ -5	2.1																	16	16	19	37
-6/ -7	3.7																	28	28	28	50
-8/ -9	3.2																	24	24	24	32
-10/-11	4.4																	33	33	33	27
-12/-13	7.0																	52	52	52	22
-14/-15	5.5																	41	41	41	28
-16/-17	4.4																	33	33	33	31
-18/-19	2.5																	19	19	19	51
-20/-21	4.4																	33	33	33	45
-22/-23	3.9																	29	29	29	25
-24/-25	5.1																	38	38	38	22
-26/-27	2.0																	15	15	15	24

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature						
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

PAGE 2 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 DB WB	DB	TOTAL Wet Bulb	Dew Point
-28/-29	1.9	14	14	14	40
-30/-31	.4	3	3	3	20
-32/-33	.3	2	2	2	33
-34/-35	.4	3	8	3	25
-36/-37					6
-38/-39					5
-44/-45					3
-46/-47					1
-50/-51					2
TOTAL	70.728.7 .5		753		748
		748		748	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	3968389	53701	71.882	.285	748							
Dry Bulb	205158	-2670	-3.516	.132	753	49.1	82.8					84
Wet Bulb	191710	-2776	-3.715	.584	748	50.3	83.4					84
Dew Point	298120	-7778	-10.417	.053	748	63.9	83.8					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

PAGE 1 1200-1400

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Dew P	
42/ 41		.1																1	1		
40/ 39		.1																1	1	1	
38/ 37		.1																1	1	2	
36/ 35			.1															1	1		3
34/ 33		.4	.3															5	5	1	
32/ 31	.1	1.8	.1															15	15	9	2
30/ 29	.3	.3	.1															5	5	14	12
28/ 27	.8	.8	.4															15	15	9	7
26/ 25	.5	1.2	.1															14	14	13	9
24/ 23	.8																	6	6	15	7
22/ 21	1.1	.7																13	13	12	15
20/ 19		1.4																10	10	6	13
18/ 17	.4	.7																8	8	11	5
16/ 15	.1	1.9	.3															17	17	5	8
14/ 13	1.8	1.6																25	25	26	9
12/ 11	.5	1.1																12	12	17	14
10/ 9	.9	3.3																31	31	23	12
8/ 7	.8	2.4	.1															25	25	30	7
6/ 5	1.2	3.8																37	37	39	13
4/ 3	.8	3.8																34	34	37	22
2/ 1	2.0	4.3																47	47	40	39
0/ -1	2.4	.5																22	22	31	19
-2/ -3	2.7	.8																26	26	28	30
-4/ -5	3.0	.1																23	23	25	39
-6/ -7	3.0																	22	22	22	49
-8/ -9	3.8																	26	28	26	25
-10/-11	6.2																	46	46	46	21
-12/-13	4.3																	32	32	32	19
-14/-15	5.7																	42	42	42	26
-16/-17	3.5																	26	26	26	36
-18/-19	3.3																	24	24	24	36
-20/-21	4.2																	31	31	31	33
-22/-23	4.3																	32	32	32	29
-24/-25	3.3																	24	24	24	33

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.												Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 FEB

STATION NAME YEARS

PAGE 2 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27	1.9																	14	14	14	25
-28/-29	1.5																	11	11	11	32
-30/-31	.7																	5	5	5	27
-32/-33	.8																	6	6	6	21
-34/-35	.1																	1	1	1	22
-36/-37																					7
-38/-39																					5
-40/-41																					3
-46/-47																					3
-48/-49																					1
TOTAL	67.1	31.3	1.6																738		738
																		738		738	

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	>92 F	Total
Rel. Hum.	3921044.	53018.	71.8	12.340	738							
Dry Bulb	195722.	-1860.	-2.5	16.100	738	47.2	83.0					84
Wet Bulb	187437.	-2179.	-3.0	15.671	738	48.7	83.5					84
Dew Point	285548.	-7090.	-9.6	17.176	738	61.6	83.7					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

STATION NAME

PAGE 1 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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
36/ 35		.3	.3															4	4		
34/ 33		1.1																7	7	5	1
32/ 31	.2	2.0																14	14	9	3
30/ 29	.6	.6	.3															10	10	18	16
28/ 27	.9	.3	.2															9	9	7	11
26/ 25	.6	1.1																11	11	9	8
24/ 23	.2	.5	.2															5	5	9	3
22/ 21	1.2	.6																12	12	12	4
20/ 19	.3	1.7																13	13	13	16
18/ 17	.3																	2	2	5	5
16/ 15	.5	.3	.2															6	6	3	14
14/ 13	1.5	1.5																20	20	12	7
12/ 11	.5	1.7																14	14	15	6
10/ 9	1.1	3.4																29	29	23	8
8/ 7	1.2	3.7																32	32	32	10
6/ 5	1.1	2.0																20	20	31	11
4/ 3	1.1	3.3																28	28	29	11
2/ 1	1.5	6.5																52	52	36	36
0/ -1	5.0	.5																35	35	52	23
-2/ -3	2.0	.2																14	14	17	21
-4/ -5	2.0	.3																15	15	13	39
-6/ -7	3.9																	25	25	27	40
-8/ -9	5.7																	37	37	37	23
-10/-11	5.6																	36	36	36	32
-12/-13	3.6																	23	23	23	14
-14/-15	4.2																	27	27	27	23
-16/-17	3.9																	25	25	25	46
-18/-19	3.7																	24	24	24	27
-20/-21	3.6																	23	23	23	26
-22/-23	4.2																	27	27	27	24
-24/-25	2.8																	18	18	16	23
-26/-27	1.9																	12	12	12	19
-28/-29	.6																	4	4	4	21
-30/-31	.2																	1	1	1	25

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
-32/-33	1.2																	8	8	6	20
-34/-35	.5																	3	3	3	10
-36/-37	.2																	1	1	1	6
-38/-39																					6
-40/-41																					4
-42/-43																					1
-46/-47																					1
-50/-51																					2
TOTAL	67.3	31.6	1.1																646		646
																		646		646	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature <0 F	<32 F	<47 F	<73 F	<85 F	<93 F	Total
Ref. Hum.	3484770	46746	72.4	12.583	646							
Dry Bulb	166089	-1277	-2.0	16.022	646	46.6	82.6					84
Wet Bulb	161125	-1547	-2.4	15.623	646	49.2	83.3					84
Dew Point	242280	-5778	-8.9	17.190	646	61.9	83.9					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-75,78-81 FEB

STATION NAME

PAGE 1 1600-2000

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	31-32	TOTAL Dry B/W B	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
36/ 35		.6																3	3		
34/ 33		1.0	.4															7	7	3	
32/ 31	.6	3.1																18	18	13	7
30/ 29	.8	.4	.4															8	8	17	17
28/ 27	.2	.8																5	5	3	6
26/ 25		.8																4	4	5	5
24/ 23	.2	.4																3	3	7	
22/ 21	1.0	.4																7	7	6	3
20/ 19	1.0	.8																9	9	6	12
18/ 17	.2	1.0																6	6	5	9
16/ 15	.4	.2	.2															4	4	8	1
14/ 13	2.3	1.2																17	17	12	3
12/ 11	.6	1.9																12	12	10	17
10/ 9	.6	1.9																12	12	11	4
8/ 7	1.5	4.6																29	29	22	5
6/ 5	.2	2.3																12	12	24	8
4/ 3	1.7	4.8																31	31	33	7
2/ 1	3.5	5.4																43	43	34	17
0/ -1	5.6	1.0																32	32	38	18
-2/ -3	3.7																	18	18	23	25
-4/ -5	1.5	.4																9	9	8	38
-6/ -7	3.5																	17	17	18	45
-8/ -9	3.3																	16	16	16	15
-10/-11	8.5																	41	41	41	16
-12/-13	1.9																	9	9	9	12
-14/-15	3.1																	15	15	15	21
-16/-17	4.2																	20	20	20	33
-18/-19	4.2																	20	20	20	23
-20/-21	1.7																	8	8	8	18
-22/-23	4.0																	19	19	19	13
-24/-25	2.5																	12	12	12	18
-26/-27	1.0																	5	5	5	9
-28/-29	.6																	3	3	3	9
-30/-31	.4																	2	2	2	10

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-75,78-81 FEB

PAGE 2 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 B.	TOTAL Wet B.	Dew P.
-32/-33	.2																		1	1	1	16
-34/-35	.6																		3	4	3	5
-36/-37	.2																		1	2	1	8
-38/-39																						3
-40/-41																						2
-50/-51																						1
-52/-53																						1
TOTAL	65.7	33.3	1.0																	483		481
																			481		481	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature <0 F	<32 F	>60 F	>73 F	>80 F	>93 F	Total
Rel. Hum.	2615832.	34978.	72.7	12.269	481							
Dry Bulb	122180.	-342.	-.7	15.905	483	44.0	82.3					84
Wet Bulb	113646.	-488.	-1.0	15.354	481	45.8	83.5					84
Dew Point	165079.	-3573.	-7.4	16.990	481	62.7	84.0					84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117C TIN CITY AFS AK 74-81 FEB

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	31-32	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet Bulb	TOTAL Dew Point
38/ 37		.2																1	1		
36/ 35		.5																3	3	1	
34/ 33		.5	.3															5	5	3	
32/ 31	.5	1.9																14	14	7	6
30/ 29	1.7		.2															11	11	22	11
28/ 27	.7	.5																7	7	5	11
26/ 25		.9																5	5	4	9
24/ 23		.2																1	1	5	1
22/ 21	.2	.2																2	2	2	7
20/ 19	1.6	.7																13	13	9	5
18/ 17	.2	.5																4	4	5	7
16/ 15	.2	.9																6	6	6	2
14/ 13	1.4	.2																9	9	11	3
12/ 11	.3	2.6																17	17	3	9
10/ 9	1.4	2.9																25	25	30	9
8/ 7	.3	3.4																22	22	18	4
6/ 5	.9	4.1																29	29	33	10
4/ 3	1.0	2.4																20	20	26	11
2/ 1	3.3	4.3																44	44	37	20
0/ -1	4.8	.3																30	30	37	27
-2/ -3	2.9																	17	17	19	23
-4/ -5	3.8																	22	22	22	47
-6/ -7	2.6																	15	15	15	37
-8/ -9	4.5																	26	26	26	31
-10/-11	7.6																	44	44	44	16
-12/-13	2.6																	15	15	15	10
-14/-15	3.8																	22	22	22	28
-16/-17	5.0																	29	29	29	31
-18/-19	4.1																	24	24	24	32
-20/-21	2.2																	13	13	13	27
-22/-23	3.3																	19	19	19	23
-24/-25	6.4																	37	37	37	20
-26/-27	2.4																	14	14	14	17
-28/-29	1.2																	7	7	7	16

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	≤ 70 F	≤ 80 F	≤ 93 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 74-81 FEB

PAGE 2 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	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Wet B.
-30/-31	.9																	5	5	5	13
-32/-33																					33
-34/-35	.5																	3	4	3	10
-36/-37																			2		10
-38/-39																					4
TOTAL	72.2	27.2	.5																583		580
																		580		580	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0°F	≤ 32°F	≤ 40°F	≤ 50°F	≤ 60°F	≤ 70°F	≤ 80°F	Total
Rel. Hum.	3233016.	42914.	74.3	9.993	580								
Dry Bulb	155684.	-2010.	-3.4	15.987	583	49.7	82.7						84
Wet Bulb	146660.	-2112.	-3.6	15.492	580	50.8	83.4						84
Dew Point	212642.	-5552.	-9.6	16.597	580	65.9	84.0						84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 FEB

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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
42/ 41		.0																1	1		
40/ 39		.0																2	2	1	
38/ 37		.1																5	5	3	
36/ 35		.4	.1															28	28	4	4
34/ 33		.6	.1															41	41	32	4
32/ 31	.2	1.5	.0															95	95	59	37
30/ 29	.7	.4	.1															63	63	115	98
28/ 27	.6	.9	.1															89	89	61	57
26/ 25	.4	1.0	.0															77	77	78	65
24/ 23	.5	.4	.0															50	50	87	31
22/ 21	.8	.4	.0															68	68	65	76
20/ 19	.7	1.1																97	97	77	96
18/ 17	.3	.7																54	54	59	63
16/ 15	.4	1.0	.1															80	80	67	53
14/ 13	1.5	1.1	.0															147	147	125	56
12/ 11	.5	2.1	.1															147	147	94	116
10/ 9	.8	2.4	.1															181	181	198	63
8/ 7	.8	2.7	.0															190	190	192	60
6/ 5	1.1	3.1																230	230	265	80
4/ 3	1.6	3.5																272	272	294	102
2/ 1	2.9	4.3																393	393	323	228
0/ -1	3.7	.4																226	226	314	220
-2/ -3	2.5	.3																154	154	171	217
-4/ -5	2.5	.2																142	142	144	313
-6/ -7	3.5																	188	188	192	308
-8/ -9	4.4																	240	240	240	228
-10/-11	5.6																	306	306	306	192
-12/-13	4.4																	240	240	240	136
-14/-15	5.0																	272	272	272	201
-16/-17	4.3																	231	231	231	278
-18/-19	2.9																	158	158	158	339
-20/-21	3.9																	211	211	211	266
-22/-23	4.2																	229	229	229	182
-24/-25	4.3																	232	232	232	189

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 FEB

STATION NAME

PAGE 2 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	31-32	TOTAL O.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
-26/-27	2.1																	116	116	116	164
-28/-29	1.5																	63	63	63	209
-30/-31	.7																	36	36	36	156
-32/-33	.4																	24	24	24	192
-34/-35	.4																	20	33	20	149
-36/-37	.0																	2	11	2	84
-38/-39																					41
-40/-41																					20
-42/-43																					3
-44/-45																					4
-46/-47																					8
-48/-49																					3
-50/-51																					6
-52/-53																					2
-56/-57																					1
TOTAL	70.128.9	.9																	5442		5420
																		5420		5420	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature							
Rel. Hum.	29285667.	392845.	72.512	.241	5420								
Dry Bulb	1453969.	-17049.	-3.116	.044	5442	386.8	662.5						672
Wet Bulb	1372706.	-18364.	-3.415	.551	5420	399.4	667.0						672
Dew Point	2096604.	-53538.	-9.917	.009	5420	512.2	671.0						672

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAR

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	31-32	TOTAL DB WB	DB	TOTAL WB	DEW P
38/ 37		.1																1	1		
36/ 35		.1																1	1	1	
34/ 33		.5	.1															5	5	1	1
32/ 31		1.6	.1															14	14	7	4
30/ 29	.1	1.6	.1															15	15	12	3
28/ 27	1.6	1.1																22	22	33	5
26/ 25	.6	.5																9	9	13	41
24/ 23	.3	.9																9	9	4	7
22/ 21	.5	.5																8	8	12	6
20/ 19	1.8	1.0																27	27	21	5
18/ 17	.9	1.6																20	20	22	20
16/ 15	.5	1.3																14	14	15	10
14/ 13	1.6	1.3																23	23	17	20
12/ 11	1.5	1.0																20	20	22	25
10/ 9	1.0	3.5																36	36	28	16
8/ 7	.9	1.9																22	22	27	13
6/ 5	.9	.9																14	14	25	12
4/ 3	1.3	2.5																30	30	23	20
2/ 1	2.4	1.6																32	32	31	35
0/ -1	3.1	.4																28	28	33	26
-2/ -3	6.1	.6																54	54	57	23
-4/ -5	6.8	.6																59	59	56	23
-6/ -7	4.9																	39	39	42	29
-8/ -9	6.3																	50	50	50	48
-10/-11	5.3																	42	42	42	54
-12/-13	5.5																	44	44	44	23
-14/-15	5.4																	43	44	43	43
-16/-17	3.1																	25	27	25	36
-18/-19	2.6																	21	21	21	46
-20/-21	1.5																	12	12	12	37
-22/-23	2.1																	17	17	17	23
-24/-25	2.0																	16	17	16	20
-26/-27	1.4																	11	11	11	16
-28/-29	.6																	5	6	5	14

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-81 MAR

STATION NAME

PAGE 2 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 31-32	TOTAL DB WB	DB	TOTAL Wet B	Dew P
-30/-31	.8	6	6	6	23
-32/-33	.4	3	3	3	8
-34/-35	.3	2	4	2	18
-36/-37	.1	1	4	1	10
-38/-39					7
-40/-41					8
-42/-43					4
-44/-45					5
-46/-47					1
-48/-49					3
-50/-51					2
-56/-57					2
TOTAL	73.925.8 .4		810		800
		800		800	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature °0°F	°32°F	°60°F	°72°F	°80°F	°90°F	Total
Rel. Hum.	4432262	58350	72.9	14.857	800							
Dry Bulb	195040	-946	-1.2	15.483	810	56.0	92.2					93
Wet Bulb	178900	-908	-1.1	14.920	800	56.5	92.8					93
Dew Point	301418	-6248	-7.8	17.781	800	64.4	92.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

711170 TIN CITY AFS AK 73-81 MAR

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Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt
38/ 37		.1																1	1	
36/ 35		.3	.4															5	5	2
34/ 33		.3																2	2	1	2
32/ 31	.4	.4	.1															7	7	8	5
30/ 29		2.4	.1															20	20	3	2
28/ 27	2.0	.8																22	22	38	6
26/ 25	1.1	.3																11	11	15	28
24/ 23		.1																1	1	2	16
22/ 21	.6	.6																10	10	8	4
20/ 19	1.6	1.5																25	25	22	10
18/ 17	1.0	1.0																16	16	16	16
16/ 15	1.0	1.6																21	21	23	16
14/ 13	.8	1.5																18	18	11	12
12/ 11	.6	1.0																13	13	15	18
10/ 9	2.0	2.9																39	39	35	13
8/ 7	.6	1.9																20	20	24	16
6/ 5	1.3	2.4																29	29	33	20
4/ 3	1.1	2.0																25	25	23	18
2/ 1	1.8	1.6																27	27	31	38
0/ -1	3.8	.3																32	32	32	23
-2/ -3	5.0	.4																51	51	50	18
-4/ -5	5.0	1.3																50	50	45	34
-6/ -7	5.6																	45	45	53	22
-8/ -9	3.8																	30	30	30	57
-10/-11	7.0																	56	56	56	35
-12/-13	4.1																	33	33	33	27
-14/-15	6.5																	52	54	52	38
-16/-17	5.1																	41	43	41	39
-18/-19	3.4																	27	29	27	46
-20/-21	1.5																	12	14	12	43
-22/-23	1.0																	8	8	8	33
-24/-25	2.4																	19	19	19	31
-26/-27	2.0																	16	16	16	11
-28/-29	.6																	5	5	5	12

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Max.	No. of H	Min.	No. of H	Temperature					Total
Dry Bulb															
Wet Bulb															
Dew Point															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAR

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	32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Wet B.
-30/-31	.4																																	3	4	3	17
-32/-33	.4																																	3	4	3	17
-34/-35	.3																																	2	6	2	11
-36/-37	.3																																	2	5	2	10
-38/-39																																					5
-40/-41																																					12
-42/-43																																					5
-44/-45																																					3
-46/-47																																					2
-48/-49																																					3
-50/-51																																					3
-58/-59																																					1
-60/-61																																					1
TOTAL	75.024.4	.6																																799	815	799	799

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	4412628.	58200.	72.814	.736	799							
Dry Bulb	200614.	-1600.	-2.015	.575	815	57.4	92.1					93
Wet Bulb	181428.	-1388.	-1.714	.978	799	56.9	92.7					93
Dew Point	309483.	-6739.	-8.417	.793	799	65.1	92.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 MAR

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL OB	TOTAL WB	TOTAL DB	TOTAL DEW P
36/ 35		.5	.1																													5	5		
34/ 33		.1																														1	1	5	1
32/ 31	.2	1.0																														10	10	3	4
30/ 29	.1	1.6																														14	14	9	6
28/ 27	2.4	.4																														22	22	32	6
26/ 25	.7	.5																														10	10	13	27
24/ 23	.4	.2																														5	5	5	3
22/ 21	.9	.4																														10	10	8	11
20/ 19	2.0	1.7																														30	30	24	12
18/ 17	1.4	.6																														16	16	22	13
16/ 15	.4	2.1																														20	20	14	18
14/ 13	.5	1.1																														13	13	15	11
12/ 11	.7	2.0																														22	22	13	17
10/ 9	.7	2.4																														25	25	29	19
8/ 7	.2	2.2																														20	20	23	20
6/ 5	2.2	.7																														22	22	28	7
4/ 3	1.9	2.0																														31	31	31	23
2/ 1	2.4	3.2																														45	45	35	47
0/ -1	1.7	.4																														17	17	26	18
-2/ -3	6.0	.1																														49	49	52	28
-4/ -5	5.1	1.4																														52	52	43	25
-6/ -7	5.0																															40	40	49	29
-8/ -9	4.6																															37	37	37	54
-10/-11	6.7																															54	54	54	36
-12/-13	4.9																															39	39	39	16
-14/-15	8.2																															66	67	66	33
-16/-17	3.7																															30	32	30	36
-18/-19	3.6																															29	32	29	62
-20/-21	1.6																															13	13	13	37
-22/-23	1.5																															12	12	12	37
-24/-25	1.7																															14	14	14	26
-26/-27	1.7																															14	14	14	21
-28/-29	.5																															4	4	4	13
-30/-31	.9																															7	7	7	19

Σx Σx $\bar{x}$ σ_x NO. OBS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAR

STATION NAME

PAGE 2 0600-0800

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Wet Bulb
-32/-33	.1																	1	1	1	16
-34/-35	.4																	3	8	3	7
-36/-37	.1																	1	7	1	7
-38/-39																					9
-40/-41																					7
-42/-43																					5
-44/-45																					8
-46/-47																					2
-48/-49																					5
-50/-51																					3
-52/-53																					1
-56/-57																					1
-58/-59																					1
-60/-61																					1
TOTAL	75.124.8	.1																	820		803
																		803		803	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0°F	≤ 32°F					
Rel. Hum.	4383353.	57947.	72.2	15.859.	803							
Dry Bulb	201246.	-1840.	-2.2	15.514.	820	56.6	92.3					93
Wet Bulb	179508.	-1568.	-2.0	14.833.	803	57.2	92.4					93
Dew Point	325468.	-7188.	-9.0	18.044.	803	65.2	92.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7L1172 TIN CITY AFS AK 73-01 MAR

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Temp. F	WET BULB TEMPERATURE DEPRESSION F 0-1	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL B.W.B.	D.B.	TOTAL Wet Bulb	Dew Point
38/ 37		.2	.2															4	4		
36/ 35		.1	.1															2	2	2	
34/ 33		.1																1	1	4	
32/ 31	.2	1.6																15	15	4	6
30/ 29	.7	1.0	.4															17	17	18	12
28/ 27	1.8	.9																22	22	24	7
26/ 25	.5	.4																7	7	15	26
24/ 23	.7	.1																7	7	8	5
22/ 21	.9	.2																9	9	7	11
20/ 19	1.1	1.2																19	19	18	14
18/ 17	1.6	1.4																24	24	17	11
16/ 15	.4	2.3																22	22	25	20
14/ 13	1.1	1.1																18	18	17	5
12/ 11	.9	1.8																22	22	17	16
10/ 9	.9	2.2																25	25	27	29
8/ 7	.4	2.1																20	20	23	15
6/ 5	1.4	1.1																20	20	26	10
4/ 3	1.7	2.8																37	37	33	18
2/ 1	2.8	2.3																42	42	37	34
0/ -1	3.9	.1																33	33	43	30
-2/ -3	5.4	.5																48	48	47	27
-4/ -5	4.2	1.2																44	44	42	38
-6/ -7	4.9																	40	40	44	25
-8/ -9	7.2																	58	58	58	42
-10/-11	7.9																	64	64	64	37
-12/-13	5.8																	47	47	47	21
-14/-15	3.5																	28	29	28	39
-16/-17	3.2																	26	28	26	58
-18/-19	3.7																	30	31	30	52
-20/-21	1.8																	15	15	15	33
-22/-23	1.5																	12	12	12	24
-24/-25	1.5																	12	12	12	26
-26/-27	.7																	6	6	6	27
-28/-29	.2																	2	2	2	12

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.						[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 MAR

PAGE 2 0400-1100

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	31-32	TOTAL F	TOTAL %	TOTAL Mean	
-30/-31	.7																			6	6	6	.7
-32/-33	.2																			2	2	2	8
-34/-35	.5																			4	8	4	9
-36/-37	.1																			1	3	1	7
-38/-39																							13
-40/-41																							12
-42/-43																							3
-44/-45																							2
-46/-47																							2
-48/-49																							1
-52/-53																							2
-54/-55																							1
-56/-57																							2
-58/-59																							1
-60/-61																							2
TOTAL	74.225.0	.7																			821		811
																				811		811	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours in Temperature < 0 F	< 32 F	< 32 F	< 32 F	< 32 F	Total
Rel Hum	439776.	58330.	71.915.808.		811						
Dry Bulb	19239.	-873.	-1.115.193.		821	55.3.	92.2				93
Wet Bulb	17476.	-860.	-1.119.648.		811	56.1.	92.3.				93
Dew Point	31436.	-6596.	-8.117.939.		811	65.6	93.0				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAR

STATION NAME

PAGE 1 1200-1400

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22-23	24-25	26-27	28-29	30-31	32	TOTAL DB=WB	DB	TOTAL Wet B	Dew P
38/ 37			.1																1	1		
36/ 35		.4	.3																5	5		
34/ 33		.6																	5	5	5	
32/ 31		1.6	.6																18	18	7	4
30/ 29	.6	.3	.1																8	8	17	15
28/ 27	2.3	1.3																	28	28	29	11
26/ 25	.3	.3																	4	4	11	20
24/ 23	.6	.1																	6	6	6	6
22/ 21	1.1	.6																	14	14	12	14
20/ 19	1.1	2.5																	29	29	20	13
18/ 17	1.0	1.0																	16	16	20	13
16/ 15	.1	1.8																	15	15	15	15
14/ 13	1.1	1.8																	23	23	19	11
12/ 11	1.1	1.8																	23	23	21	20
10/ 9	1.4	2.3																	29	29	33	16
8/ 7	1.1	3.8																	39	39	32	21
6/ 5	1.8	2.4																	33	33	46	20
4/ 3	1.4	1.9																	26	26	26	28
2/ 1	2.0	2.0																	32	32	29	34
0/ -1	4.3	.1																	35	35	38	28
-2/ -3	5.1	.8																	47	47	43	32
-4/ -5	5.6	.8																	51	51	52	33
-6/ -7	5.8	.3																	48	48	52	32
-8/ -9	7.0																		56	56	56	42
-10/-11	7.7																		61	61	61	37
-12/-13	2.8																		22	22	22	22
-14/-15	2.1																		17	17	17	44
-16/-17	3.1																		25	25	25	51
-18/-19	3.1																		25	25	25	34
-20/-21	2.0																		16	16	16	19
-22/-23	1.6																		13	13	13	30
-24/-25	1.5																		12	12	12	25
-26/-27	.4																		3	3	3	19
-28/-29	.5																		4	4	4	15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs
Rel. Hum.					
Dry Bulb					
Wet Bulb					
Dew Point					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAR

PAGE 2 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	Dry Bulb	TOTAL Wet Bulb	Dew Point
-30/-31	.3																	2	2	2	13
-32/-33	.4																	3	5	3	17
-34/-35	.4																	3	4	3	10
-36/-37																					7
-38/-39																					8
-40/-41																					7
-42/-43																					1
-44/-45																					2
-46/-47																					1
-50/-51																					1
-52/-53																					1
-54/-55																					1
-56/-57																					1
-58/-59																					1
-60/-61																					2
TOTAL	70.826.1	1.1																	800		797
																		797		797	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature							
Rel. Hum.	4324701.	57415.	72.0	15.392.	797								
Dry Bulb	178770.	344.	.4	14.952.	800	51.8.	91.7						93
Wet Bulb	167144.	158.	.2	14.489.	797	52.2.	92.4						93
Dew Point	283289.	-5411.	-6.8	17.599.	797	62.5.	93.0						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAR

PAGE 1 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.	Div. B	TOTAL Wet B	Dew P
36/ 35			.4															3	3		
34/ 33		.3	.3															4	4		
32/ 31	.3	3.0																23	23	11	
30/ 29	.6	.7																9	9	23	10
28/ 27	1.0	1.4																17	17	14	19
26/ 25	.4	.1																4	4	11	15
24/ 23	.3																	2	2	3	4
22/ 21	1.0	1.1																15	15	13	12
20/ 19	1.0	2.0																21	21	17	5
18/ 17	.7	1.6																16	16	17	14
16/ 15	.4	3.0																24	24	19	12
14/ 13	.7	2.1																20	20	16	16
12/ 11	1.7	2.6																30	30	25	21
10/ 9	.3	3.0																23	23	29	16
8/ 7	.6	3.3																27	27	28	23
6/ 5	2.1	3.9																42	42	46	15
4/ 3	1.7	1.7																24	24	26	21
2/ 1	1.1	1.9																21	21	21	40
0/ -1	5.2	.4																39	39	38	35
-2/ -3	6.4	1.3																54	54	53	19
-4/ -5	4.7	1.3																42	42	40	30
-6/ -7	4.7	.1																34	34	40	33
-8/ -9	7.3																	51	51	51	45
-10/-11	5.9																	41	41	41	29
-12/-13	2.1																	15	15	15	10
-14/-15	1.9																	13	13	13	39
-16/-17	3.1																	22	25	22	36
-18/-19	3.9																	27	28	27	29
-20/-21	2.0																	14	14	14	18
-22/-23	.7																	5	5	5	32
-24/-25	1.1																	8	8	8	22
-26/-27																					15
-28/-29	.1																	1	3	1	8
-30/-31	.4																	3	3	3	17

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs
Rel. Hum.					
Div. Bulb					
Wet Bulb					
Dew Point					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117C TIN CITY AFS AK 73-81 MAR

Temp. (F)	0	1-2	3-4	Total W.B.	D.B.	Total W.B.	D.P.
-32/-33	.3			2	2	2	9
-34/-35	.4			3	3	3	6
-36/-37							4
-38/-39							9
-40/-41							6
-48/-49							1
-50/-51							1
-54/-55							1
TOTAL	64.4	34.9	.7		705		699
				699		699	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3758181.	50205.	71.8	14.769.	699							
Dry Bulb	149532.	918.	1.3	14.516.	705	50.1	92.1					93
Wet Bulb	138783.	755.	1.1	14.059.	699	50.0	93.0					93
Dew Point	222631.	-4099.	-5.9	16.868.	699	60.7	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAR

PAGE 1 1600-2000

Dry Bulb	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL T B W B	TOTAL D B	TOTAL Wet B	TOTAL Dew Point
34/ 33		.7	.5															7	7		
32/ 31		2.0																12	12	6	
30/ 29	.5	2.0	.2															16	16	14	6
28/ 27		.5																3	3	12	12
26/ 25	.2	1.3																9	9	7	8
24/ 23	.3	.7																6	6	10	10
22/ 21	.3	.8																7	7	6	5
20/ 19	.7	1.8																15	15	15	6
18/ 17		1.5																9	9	5	8
16/ 15	1.0	2.2																19	19	18	10
14/ 13	1.2	1.7																17	17	15	15
12/ 11	1.5	2.0																21	21	22	12
10/ 9	.8	5.0																35	35	29	22
8/ 7	.8	2.5																20	20	25	15
6/ 5	1.3	2.2																21	21	27	7
4/ 3	2.5	3.0																33	33	32	25
2/ 1	2.2	1.7																23	23	25	39
0/ -1	4.4	.3																28	28	29	29
-2/ -3	6.4	.7																42	42	41	15
-4/ -5	5.7	.8																39	39	40	25
-6/ -7	3.7	1.0																28	28	30	31
-8/ -9	8.9																	53	53	53	38
-10/-11	5.5																	33	33	33	33
-12/-13	4.2																	25	25	25	12
-14/-15	2.7																	16	16	16	32
-16/-17	3.0																	18	18	18	21
-18/-19	3.2																	19	21	19	34
-20/-21	2.0																	12	12	12	24
-22/-23	.5																	3	3	3	17
-24/-25	.7																	4	4	4	18
-26/-27	.3																	2	2	2	13
-28/-29	.2																	1	1	1	10
-30/-31																					8
-32/-33																					5

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAR

PAGE 2 1600-2000

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 Dry WB	TOTAL Wet B	TOTAL Dew P
-34/-35				7
-36/-37				4
-38/-39				4
-40/-41				3
-44/-45				3
-46/-47				1
-48/-49				3
-50/-51				3
-52/-53				2
-56/-57				1
TOTAL	64.834.6 .7	598		596
		596	596	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature 0°F	32°F	67°F	73°F	87°F	93°F	Total
Rel. Hum.	3155291.	42295.	71.016.079.		596							
Dry Bulb	112318.	640.	1.113.674.		598	50.5	91.9					93
Wet Bulb	104785.	435.	.713.250.		596	50.9	93.0					93
Dew Point	191640.	-3956.	-6.616.672.		596	61.8	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117C TIN CITY AFS AK 73-81 MAR

PAGE 1 2100-2300

Temp F	WET BULB TEMPERATURE DEPRESSION F 0-1	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL No. Obs	TOTAL Mean Dew Pt	Dev Pt
36/ 35			.1															1	1	
34/ 33		1.1	.1															9	9	
32/ 31		.4	.1															4	4	10 3
30/ 29	.8	1.8																19	19	9 5
28/ 27	1.4	.8																16	16	25 12
26/ 25	.4	.8	.4															12	12	10 19
24/ 23	.3	.7																7	7	16 6
22/ 21	.4	.8																9	9	10 13
20/ 19	1.2	1.9																23	23	21 8
18/ 17	.4	1.6																15	15	14 13
16/ 15	.1	1.2																10	10	13 14
14/ 13	2.3	1.9																31	31	23 15
12/ 11	1.6	1.5																23	23	26 21
10/ 9	.4	2.9																24	24	16 25
8/ 7	1.0	3.3																31	31	33 15
6/ 5	.5	1.2																13	13	24 8
4/ 3	2.1	1.5																26	26	26 18
2/ 1	1.8	2.6																32	32	26 38
0/ -1	3.6	.4																29	29	35 28
-2/ -3	6.7	.5																53	53	54 13
-4/ -5	7.4																	54	54	56 28
-6/ -7	3.8	.4																31	31	31 29
-8/ -9	6.9																	50	50	50 46
-10/-11	6.7																	49	49	49 56
-12/-13	4.1																	30	30	30 12
-14/-15	3.8																	28	28	28 38
-16/-17	3.4																	25	25	25 41
-18/-19	2.6																	19	19	19 39
-20/-21	1.9																	14	15	14 26
-22/-23	2.6																	19	19	19 16
-24/-25	.8																	6	6	6 21
-26/-27	1.1																	8	8	8 21
-28/-29	.3																	2	2	2 14
-30/-31	.3																	2	2	2 15

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean Dew Point
Rel. Hum						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_1170 TIN CITY AFS AK (STATION NAME) 73-81 MAR

PAGE 2 2100-2300

Temp.	WET BULB TEMPERATURE DEPRESSION F 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	TOTAL D.B.	W.B.	TOTAL W.B.	D.P.
-32/-33	.3												2	7	2	9
-34/-35	.4												3	4	5	12
-36/-37														2		7
-38/-39																6
-40/-41																7
-42/-43																1
-44/-45																1
-46/-47																1
-48/-49																3
-50/-51																5
-52/-53																1
-54/-55																1
-56/-57																2
TOTAL	71.6	27.6	.8										729	733	729	7?9

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	3957991	525?7	72.0	15.554	729							
Dry Bulb	162081	-263	-.4	14.876	733	54.3	91.7					93
Wet Bulb	150363	-377	-.5	14.362	729	55.2	93.0					93
Dew Point	263877	-5505	-7.6	17.475	729	63.7	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-61 MAR

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	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
38/ 37		.1	.0															7	7		
36/ 35		.2	.2															22	22	5	
34/ 33		.4	.1															34	34	16	4
32/ 31	.1	1.4	.1															103	103	58	26
30/ 29	.4	1.4	.1															118	118	105	59
28/ 27	1.6	.9																152	152	207	78
26/ 25	.5	.5	.0															66	66	95	164
24/ 23	.4	.3																43	43	46	62
22/ 21	.7	.6																82	82	76	73
20/ 19	1.3	1.8																189	189	156	76
18/ 17	.9	1.3																132	132	131	108
16/ 15	.5	1.9																145	145	142	115
14/ 13	1.2	1.5																163	163	135	105
12/ 11	1.2	1.7																174	174	161	150
10/ 9	1.0	2.9																236	236	278	156
8/ 7	.7	2.6																199	199	215	128
6/ 5	1.4	1.8																194	194	255	99
4/ 3	1.7	2.2																232	232	224	171
2/ 1	2.1	2.1																254	254	235	305
0/ -1	3.7	.3																241	241	274	217
-2/ -3	6.0	.6																398	398	397	175
-4/ -5	5.6	.9																391	391	374	236
-6/ -7	4.9	.2																305	305	341	230
-8/ -9	6.4																	385	385	385	372
-10/-11	6.6																	400	400	400	317
-12/-13	4.2																	255	255	255	143
-14/-15	4.4																	263	268	263	306
-16/-17	3.5																	212	223	212	318
-18/-19	3.3																	197	205	197	344
-20/-21	1.8																	108	111	108	237
-22/-23	1.5																	89	89	89	212
-24/-25	1.5																	91	92	91	189
-26/-27	1.0																	60	60	60	143
-28/-29	.4																	24	27	24	98

	Σx^2	Σx	$\bar{x}$	σ	No. Obs.
Dry Bulb					
Wet Bulb					
Dew Point					

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAR

PAGE 2 ALL

Temp. F	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB WB	DB	TOTAL Wet B	Dew F
-30/-31	.5	29	30	29	129
-32/-33	.3	16	19	16	69
-34/-35	.3	20	37	20	62
-36/-37	.1	5	21	5	56
-38/-39					61
-40/-41					61
-42/-43					19
-44/-45					24
-46/-47					10
-48/-49					19
-50/-51					18
-52/-53					7
-54/-55					4
-56/-57					9
-58/-59					4
-60/-61					6
TOTAL	71.527.8 .6		6102		6034
		6034		6034	

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.	32822113.	435249.	72.1	15.376	6034							
Dry Bulb	1389840.	-3640.	-.6	15.081	6102	433.7	736.3					744
Wet Bulb	1275617.	-3753.	-.6	14.528	6034	436.5	741.4					744
Dew Point	2212112.	-45742.	-7.6	17.584	6034	509.9	743.5					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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F	0	1	2	3	4	5	6	7	8	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 Pt	
38/ 37					.3																												2	2		
36/ 35					.4																												3	3		
34/ 33				.3	.4																												5	5	4	
32/ 31		1.8	2.4		.1																												34	34	21	16
30/ 29		1.6	2.1		.5																												34	34	37	23
28/ 27		1.3	2.3		.3																												30	30	24	25
26/ 25		.9	1.8		.3																												23	23	34	19
24/ 23		.1	.6		.5																												10	10	13	19
22/ 21		.3	1.5		.1																												15	15	13	19
20/ 19		1.6	1.8		.3																												29	29	27	15
18/ 17		1.1	3.0		.1																												34	34	31	28
16/ 15		.5	3.4																														31	31	22	19
14/ 13		.8	3.8																														36	36	32	13
12/ 11		1.3	3.1																														35	35	40	36
10/ 9		.6	3.3																														31	31	37	23
8/ 7		.3	4.1		.3																												37	37	33	36
6/ 5		1.5	4.3																														46	46	49	17
4/ 3		1.9	6.1																														64	64	68	16
2/ 1		2.3	5.1																														59	59	52	58
0/ -1		7.9	.8																														69	69	84	42
-2/ -3		7.3	.5																														62	62	67	62
-4/ -5		3.1	.5																														29	29	26	60
-6/ -7		3.5																															28	28	32	60
-8/ -9		2.3																															18	18	16	53
-10/-11		.8																															6	6	6	45
-12/-13		.9																															7	7	7	35
-14/-15		1.1																															9	9	9	13
-16/-17		1.1																															9	9	9	18
-18/-19																																				13
-20/-21		.4																															3	3	3	14
-22/-23																																				4
-24/-25																																				4
-26/-27																																				1
-30/-31																																				3

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max Min Mean Temperature					
Rel Hum											
Dry Bulb											
Wet Bulb											
Dew Point											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-81 APR

PAGE 2 0000-0200

	WET BULB TEMPERATURE DEPRESSION F	TOTAL D.B. W.B.	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
TOTAL	46.050.6 3.4	798	798	798	798

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	4566303	59759	74.9	10.697	798	≤0 F	≤32 F	≤67 F	≥73 F	≥[illegible] F	≥93 F	Total
Dry Bulb	183372	6892	8.6	12.466	798	27.1	88.9					90
Wet Bulb	166188	6318	7.9	12.073	798	29.4	89.5					90
Dew Point	152598	1738	2.2	13.664	798	48.2	90.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-01 APR

PAGE 1 0300-0500

Temp °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	12-13	14-15	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
38/ 37			.3															2	2		
36/ 35			.4															3	3		
34/ 33	.3	.8	.5															12	12	5	2
32/ 31	1.5	2.1	.1															30	30	24	17
30/ 29	1.1	2.4	.1															29	29	32	16
28/ 27	.9	1.8	.4															24	24	23	22
26/ 25	.8	2.3																24	24	24	14
24/ 23	1.3	1.1	.1	.1														21	21	30	14
22/ 21	.5	.6	.1															10	10	11	30
20/ 19	.9	2.8	.1															30	30	24	19
18/ 17	1.1	2.9																32	32	26	13
16/ 15	.5	2.4																23	23	26	20
14/ 13	.5	4.8																42	42	29	25
12/ 11	1.0	2.9																31	31	39	24
10/ 9	.5	3.3	.1															31	31	35	20
8/ 7	.6	3.5	.4															36	36	35	32
6/ 5	1.3	4.4																45	45	47	26
4/ 3	1.6	3.1																38	38	46	17
2/ 1	3.9	5.0																71	71	65	42
0/ -1	6.5	1.0																60	60	65	52
-2/ -3	6.8	1.4																65	65	69	47
-4/ -5	5.4	.1																44	44	47	69
-6/ -7	3.6																	29	29	30	37
-8/ -9	2.9																	23	23	23	67
-10/-11	1.6																	13	13	13	33
-12/-13	.5																	4	4	4	41
-14/-15	1.3																	10	10	10	33
-16/-17	1.3																	10	10	10	24
-18/-19	.4																	3	3	3	13
-20/-21	.4																	3	3	3	8
-22/-23																					9
-24/-25																					7
-26/-27																					2
-30/-31																					3

Element	Σx	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.						[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 APR

STATION NAME

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	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
TOTAL	48.748.5	2.6	.1															798		798	798
																		798		798	

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	4566568	59708	74.8	11.150	798							
Dry Bulb	182998	6434	8.1	12.827	798	29.8	88.1					90
Wet Bulb	166984	5902	7.4	12.440	798	31.2	89.4					90
Dew Point	160326	1264	1.6	14.094	798	50.2	89.8					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-1170 TIN CITY AFS AK 73-81 APR

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION F 1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	TOTAL	TOTAL		
40/ 39		.1													1	1		
38/ 37		.1	.1												2	2		
36/ 35		.4													3	3	1	
34/ 33	.1	1.0	.4												12	12	5	
32/ 31	2.5	2.9	.8												49	49	35	25
30/ 29	1.0	1.5	.5												24	24	30	14
28/ 27	.3	2.4	.1												22	22	19	18
26/ 25	.8	1.9													21	21	46	18
24/ 23	1.4	.9													18	18	18	19
22/ 21	.6	.5	.1												10	10	12	27
20/ 19	.4	3.0	.3												29	29	15	27
18/ 17	1.3	2.1	.3												29	29	26	14
16/ 15	.4	3.1	.1												29	29	23	16
14/ 13	.5	4.9	.1												44	44	29	19
12/ 11	.5	3.9	.1												36	36	43	15
10/ 9	.6	2.8													27	27	50	24
8/ 7	.9	3.8	.1												38	38	24	33
6/ 5	1.4	2.9													34	34	45	30
4/ 3	1.4	4.5													47	47	48	37
2/ 1	2.4	4.0													51	51	50	37
0/ -1	7.9	.9													70	70	74	37
-2/ -3	5.8	1.6													59	59	62	36
-4/ -5	6.0														48	48	52	62
-6/ -7	4.0														32	32	32	50
-8/ -9	2.4														19	19	19	58
-10/-11	1.8														14	14	14	54
-12/-13	.5														4	4	4	32
-14/-15	1.3														10	10	10	36
-16/-17	.6														5	5	5	16
-18/-19	1.0														8	9	8	11
-20/-21	.4														3	3	3	10
-22/-23																		5
-24/-25																		12
-26/-27																		3

Element	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Max	Min	Mean	Max	Min	Mean	Range
Rel Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

PAGE 2 0600-0800

Temp. °F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL Dry B.	TOTAL Wet B.	TOTAL
-3 /-31																				3
TOTAL	47.948.5	3.5	.1															798		798
																		798	798	

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	≤85 F	≤93 F	Total
Rel. Hum.	4533360	59512	74.6	10.928	798							
Dry Bulb	194813	6709	8.4	13.178	798	30.7	88.2					90
Wet Bulb	177159	6151	7.7	12.759	798	31.9	89.3					90
Dew Point	168395	1483	1.9	14.416	798	47.9	90.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

STATION NAME

PAGE 1 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	31-32	TOTAL D.B./W.B.	D.B.	TOTAL Wet Bulb	Dew Point
42/ 41			.1															1	1		
40/ 39			.3															2	2		
38/ 37		.3	.3	.3														6	6	1	
36/ 35		.5	.6															9	9	4	
34/ 33	.3	.8	.9	.3														21	21	13	
32/ 31	2.6	2.3	.4															42	42	37	34
30/ 29	.8	2.6	.6															32	32	29	17
28/ 27	.5	1.4																15	15	33	16
26/ 25	.8	1.6																19	19	24	25
24/ 23	.6	.9	.1															13	13	15	19
22/ 21	.5	1.3	.1															15	15	13	22
20/ 19	.5	3.8	.3															36	36	19	26
18/ 17	.6	2.5	.8															31	31	30	11
16/ 15	.5	4.6	.1															42	42	30	14
14/ 13	.5	4.1																37	37	42	17
12/ 11	.4	2.3	.1															22	22	39	20
10/ 9	.9	4.1																40	40	30	36
8/ 7	1.3	4.1	.1															44	44	50	30
6/ 5	1.5	3.0																36	36	44	28
4/ 3	1.1	5.3																51	51	52	39
2/ 1	2.9	5.3																65	65	56	42
0/ -1	7.7	.5																65	65	79	41
-2/ -3	6.0	.1																49	49	53	40
-4/ -5	4.4	.1																36	36	35	61
-6/ -7	2.8																	22	22	23	63
-8/ -9	1.9																	15	15	15	62
-10/-11	1.5																	12	12	12	42
-12/-13	.4																	3	3	3	13
-14/-15	.5																	4	4	4	25
-16/-17	.8																	6	6	6	16
-18/-19	.8																	6	6	6	14
-20/-21																					9
-22/-23																					2
-24/-25																					9

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hum.						+0 F	+32 F	+60 F	+70 F	+80 F	+90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

STATION NAME

PAGE 2 0900-1100

TEMP (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	W.B.	TOTAL D.B.	Dew Pt
-26/-27																					2
-28/-29																					2
TOTAL	43.3	51.4	4.8	.5														797	797	797	797

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	≤0 F	≥32 F	≥67 F	≥73 F	≥80 F	≥93 F	Total
Rel Hum	4435723.	58749.	73.7	11.495	797							
Dry Bulb	215100.	7964.	10.0	13.048	797	24.6	85.6					9[illegible]
Wet Bulb	192025.	7295.	9.2	12.544	797	26.6	88.0					90
Dew Point	170024	2476	3.1	14.281	797	45.3	90.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 APR

PAGE 1 1200-1400

°F	WET BULB TEMPERATURE DEPRESSION °F 0	1	2	3	4	5	6	7	8	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 Pt	
42/ 41				.3																													2	2		
40/ 39				.1																													1	1		
38/ 37			.1	.4																													4	4	2	
36/ 35			.8	1.0	.4																												17	17	2	
34/ 33	.5	.8	.6	.3																													17	17	14	1
32/ 31	2.8	2.9	1.1																														54	54	41	30
30/ 29	.8	2.5	.5																														30	30	37	23
28/ 27	.5	1.1																															13	13	31	24
26/ 25	.6	2.0	.4																														24	24	23	26
24/ 23	.5	.9	.4																														14	14	15	17
22/ 21	.4	.5	1.1																														16	16	14	12
20/ 19	1.1	3.4	.4																														39	39	29	27
18/ 17	.3	4.7	.6																														44	44	39	28
16/ 15		3.8	.3																														32	32	32	18
14/ 13	.3	3.8																															32	32	34	12
12/ 11	.8	4.7	.1																														44	44	44	31
10/ 9	.8	3.7	.3																														37	37	42	39
8/ 7	1.1	4.8	.1																														48	48	45	48
6/ 5	2.7	3.9																															52	52	61	33
4/ 3	.9	5.8																															53	53	51	34
2/ 1	3.3	5.2																															67	67	70	54
0/ -1	6.6	.3																															54	54	66	43
-2/ -3	4.9	.3																															41	41	41	40
-4/ -5	2.3	.3																															20	20	20	64
-6/ -7	1.8																																14	14	16	64
-8/ -9	.5																																4	4	4	34
-10/-11	.6																																5	5	5	35
-12/-13	.6																																5	5	5	17
-14/-15	.9																																7	7	7	14
-16/-17	.3																																2	2	2	12
-18/-19																																				6
-20/-21																																				7
-22/-23																																				3
-24/-25																																				6

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Humi												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

PAGE 2 1200-1400

	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL DB/WB	TOTAL DB/B	TOTAL WB/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																			
TOTAL	35.	656.	1	7.	7	.6																											792	792	792	792

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							
						<0F	>32F	>45F	>73F	>80F	>90F	Total
Rel Hum	4391985.	58261.	73.611.587		792							
Dry Bulb	231952.	9328.	11.812.424		792	17.3	85.3					90
Wet Bulb	204433.	8549.	10.811.907		792	18.9	88.0					90
Dew Point	164895	3781	4.813.625		792	39.2	89.9					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 APR

PAGE 1 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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
38/ 37		.1	.3	.1														4	4		
36/ 35		.6	.4	.6														11	11	2	
34/ 33	.6	1.2	.3	.1														15	15	12	
32/ 31	3.7	5.6	.6															67	67	42	32
30/ 29	.9	1.2	.7															19	19	43	13
28/ 27	1.5	1.6	.4															24	24	26	34
26/ 25	.7	1.5	.6															19	19	20	27
24/ 23		.6	.3															6	6	13	11
22/ 21	.6	2.1	.9															24	24	17	16
20/ 19	1.0	5.3	.1															44	44	35	20
18/ 17	.6	4.1	.3															34	34	34	20
16/ 15	.1	5.3	.1															38	38	36	17
14/ 13	1.0	3.3																29	29	34	30
12/ 11	1.0	2.5																24	24	32	28
10/ 9	.6	4.9	.3															39	39	26	42
8/ 7	1.6	7.9																64	64	58	34
6/ 5	.7	5.6																43	43	61	29
4/ 3	1.3	5.3																45	45	45	27
2/ 1	2.8	4.1																47	47	46	42
0/ -1	5.3	.1																37	37	48	48
-2/ -3	2.4																	16	16	17	57
-4/ -5	1.3	.6																13	13	9	46
-6/ -7	.4																	3	3	7	33
-8/ -9	.4																	3	3	3	27
-10/-11																					16
-12/-13	.6																	4	4	4	2
-14/-15	.3																	2	2	2	6
-16/-17	.1																	1	1	1	1
-18/-19																					9
-20/-21																					3
-22/-23																					2
-24/-25																					3
TOTAL	29.96	3.7	5.5	.9														675	675		675

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature							Total
Rel. Hum.	3881271	50601	75.01	1.426	675								
Dry Bulb	219685	9295	13.81	1.664	675	10.5	86.0						90
Wet Bulb	195665	8613	12.81	1.280	675	12.1	88.1						90
Dew Point	148996	4816	7.13	3.042	675	33.7	90.0						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-76,78-81 APR

PAGE 1 1800-2000

Temp. F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew P.
42/ 41				.4														2	2		
38/ 37		.2	.2															2	2		
36/ 35		.2	.2															2	2	5	1
34/ 33		.7	.6															7	7	1	1
32/ 31	3.3	5.7																49	49	27	21
30/ 29	2.0	1.7	.4															22	22	41	16
28/ 27	1.8	2.0	.2															22	22	16	27
26/ 25	.7	1.8																14	14	25	27
24/ 23	.6	.6	.4															8	8	7	4
22/ 21	.2	.9	.2															7	7	8	7
20/ 19	2.2	5.1																40	40	29	16
18/ 17		5.3	.2															30	30	26	21
16/ 15	.4	5.1	.2															31	31	32	15
14/ 13	.6	2.8																18	18	21	15
12/ 11	.4	4.4																26	26	20	26
10/ 9	1.3	6.4																42	42	45	27
8/ 7	1.5	4.6																33	33	36	24
6/ 5	2.2	6.3																46	46	43	27
4/ 3	.9	6.3																39	39	46	21
2/ 1	4.8	5.0																53	53	56	49
0/ -1	4.2																	23	23	30	30
-2/ -3	3.1																	17	17	17	48
-4/ -5	1.8																	10	10	10	40
-6/ -7	.2																	1	1	1	33
-8/ -9																					21
-10/-11																					16
-12/-13																					7
-14/-15																					2
-16/-17																					2
TOTAL	32.2	65.1	2.4	.4															544		544
																		544		544	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤47 F	≤73 F	≤80 F	≤90 F	Total
Rel. Hum.	3237585	41559	76.4	10.744	544							
Dry Bulb	163712	7290	13.4	11.027	544	8.4	87.8					90
Wet Bulb	148921	6827	12.5	10.792	544	9.6	89.0					90
Dew Point	115150	3948	7.3	12.621	544	32.9	89.7					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

PAGE 1 2100-2300

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
40/ 39				.4														3	3		
36/ 35		.1	.4															4	4	2	
34/ 33		.6	.1															5	5	3	
32/ 31	2.2	2.6	.3															35	35	22	17
30/ 29	2.9	2.2	.1															36	36	43	11
28/ 27	1.8	1.6	.4															26	26	26	37
26/ 25	.6	1.2	.3															14	14	21	25
24/ 23	.4	1.2																11	11	12	8
22/ 21	.3	1.5	.1															13	13	13	12
20/ 19	2.0	3.8																40	40	31	15
18/ 17	.9	2.8																25	25	32	22
16/ 15	.1	5.1	.3															36	38	19	25
14/ 13		3.7																25	25	28	17
12/ 11	1.2	3.2																30	30	33	26
10/ 9	.7	4.2																34	34	34	25
8/ 7	.6	5.3	.3															42	42	36	23
6/ 5	1.9	4.1																41	41	56	22
4/ 3	1.9	6.4																57	57	62	26
2/ 1	3.8	4.5																57	57	51	58
0/ -1	8.3																	57	57	69	32
-2/ -3	4.4																	30	30	30	47
-4/ -5	3.7	.3																27	27	25	59
-6/ -7	1.2																	8	8	10	62
-8/ -9	1.3																	9	9	9	35
-10/-11	.3																	2	2	2	31
-12/-13	.4																	3	3	3	11
-14/-15	1.3																	9	9	9	9
-16/-17	.1																	1	1	1	9
-18/-19																					5
-20/-21	.3																	2	2	2	9
-22/-23																					4
-28/-29																					1
-30/-31																					1

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature <0 F	<32 F	<67 F	>72 F	>86 F	>93 F	Total
Rel. Hum												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-81 APR

STATION NAME

PAGE 2 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	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
TOTAL	42.75	4.4	2.5	.4															684		684
																		684		684	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature: [illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	Total
Rel. Hum.	4027201	51961	76.0	10.817	684						
Dry Bulb	174967	7227	10.6	12.016	684	19.5	88.4				90
Wet Bulb	159616	6728	9.8	11.696	684	21.1	89.3				90
Dew Point	135707	2987	4.4	13.401	684	41.4	90.0				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

PAGE 1 ALL

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Total D.B./W.B.	Total Dry B.	Total Wet B.	Total Dew Pt.
42/ 41			.1	.0														5	5		
40/ 39			.1	.1														7	7		
38/ 37		.1	.2	.1														22	22	3	
36/ 35		.3	.5	.1														52	52	16	1
34/ 33	.3	.7	.5	.1														94	94	57	4
32/ 31	2.5	3.2	.4															360	360	249	192
30/ 29	1.3	2.1	.4															226	226	292	123
28/ 27	1.0	1.8	.2															176	176	230	263
26/ 25	.7	1.8	.2															158	158	211	161
24/ 23	.6	.8	.2	.0														101	101	123	111
22/ 21	.4	1.1	.4															110	110	101	144
20/ 19	1.2	3.5	.2															287	287	209	165
18/ 17	.8	3.3	.3															259	259	246	147
16/ 15	.3	4.0	.1															264	264	220	144
14/ 13	.5	3.9	.0															263	263	249	148
12/ 11	.8	3.3	.1															246	248	290	206
10/ 9	.7	4.0	.1															281	281	301	236
8/ 7	1.0	4.7	.2															342	342	317	260
6/ 5	1.6	4.2																343	343	406	212
4/ 3	1.4	5.3																394	394	418	217
2/ 1	3.2	4.8																470	470	446	362
0/ -1	6.9	.5																435	435	515	325
-2/ -3	5.2	.5																339	339	356	377
-4/ -5	3.6	.2																227	227	224	461
-6/ -7	2.3																	137	137	151	402
-8/ -9	1.5																	91	91	91	357
-10/-11	.9																	52	52	52	272
-12/-13	.5																	30	30	30	158
-14/-15	.9																	51	51	51	138
-16/-17	.6																	34	34	34	98
-18/-19	.3																	17	17	17	71
-20/-21	.2																	11	11	11	60
-22/-23																					29
-24/-25																					41

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature
Rel. Hum.						
Dry Bulb						
Wet Bulb						
Dew Point						

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 APR

PAGE 2 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 Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
-26/-27																				8
-28/-29																				3
-30/-31																				10
TOTAL	41.4	54.2	4.1	.4														5886		5886
																		5886	5686	

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	33640016	440110	74.8	11.152	5886							
Dry Bulb	1566599	61139	10.4	12.581	5886	174.2	698.0					720
Wet Bulb	1410991	56383	9.6	12.165	5886	187.4	710.7					720
Dew Point	1216091	22493	3.8	13.858	5886	343.7	719.4					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 MAY

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	31-32	>32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
44/	43				.1															1	1	
42/	41		.1	.5		.1														6	6	
40/	39		.5	1.2	.5															18	18	1
38/	37	.1	.9	1.1	.6															22	22	14
36/	35	1.0	2.2	.6																31	31	35	11
34/	33		3.8	1.0																39	39	32	19
32/	31	3.7	10.8	.7																125	125	82	60
30/	29	1.9	6.6	.2																72	72	98	78
28/	27	5.3	5.6	.7																104	104	112	77
26/	25	2.6	6.2	.5																76	76	94	111
24/	23	1.5	3.0																	37	37	47	52
22/	21	5.8	2.8																	71	71	78	61
20/	19	4.9	2.8																	63	63	59	83
18/	17	2.4	3.0																	45	45	42	63
16/	15	1.8	2.7																	37	37	45	57
14/	13	2.3	2.9																	43	43	40	30
12/	11	.4	.4																	6	6	15	47
10/	9	.1	1.1																	10	10	9	20
8/	7	.6	.6																	10	10	12	19
6/	5	.2	.4																	5	5	3	8
4/	3																					3	13
2/	1																						7
0/	-1																						2
-4/	-5																						3
TOTAL		35.7	56.4	6.6	1.2	.1															821		821
																				821		821	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean Number of Hours with Temperature <-10 F	<-32 F	<-17.8 F	<0 F	<32 F	<45 F	Total
Rel. Hum.	600380.	69844.	85.0	9.049	821							
Dry Bulb	577879.	20923.	25.5	7.380	821		79.7					93
Wet Bulb	533810.	20134.	24.5	6.989	821		83.7					93
Dew Point	428304.	17658.	21.5	7.692	821	.6	89.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAY

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 DB	TOTAL WB	TOTAL DB	TOTAL WB
44/ 43					.2			.2																									4	4		
42/ 41					.4	.1																											4	4		
40/ 39				.4	1.3	.1																											15	15	3	
38/ 37		.1	1.6	1.0	.2																												24	24	7	1
36/ 35		.6	1.9	.6																													26	26	38	8
34/ 33		.1	3.7	2.0																													49	49	24	17
32/ 31		2.9	9.2	.4																													104	104	77	58
30/ 29		2.0	6.1	1.0																													76	76	100	59
28/ 27		5.2	6.1	.4																													97	97	101	79
26/ 25		3.2	6.6	.5																													86	86	107	112
24/ 23		2.9	2.0	.2																													43	43	60	48
22/ 21		3.0	2.9																														49	49	46	61
20/ 19		7.0	2.5																														79	79	81	71
18/ 17		3.0	3.5																														54	54	56	71
16/ 15		1.9	2.2																														34	34	34	57
14/ 13		2.2	3.0																														43	43	40	46
12/ 11		1.4	1.2																														22	22	29	35
10/ 9		.1	.5																														5	5	11	32
8/ 7		.5	1.1																														13	13	6	42
6/ 5		.2	.4																														5	5	6	7
4/ 3			.2																														2	2	3	13
2/ 1																																			1	8
0/ -1																																				3
-2/ -3																																				2
-4/ -5																																				1
-6/ -7																																				2
-8/ -9																																				1
TOTAL		36.	355.	0.	7.9	.5		.2																										834		834
																																	834		834	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature -10 F	-32 F	-65 F	-73 F	-80 F	-93 F	Total
Rel. Hum	6041622.	70576.	84.6	9.117	834							
Dry Bulb	570897.	20869.	25.0	7.646	834		79.4					93
Wet Bulb	524938.	20046.	24.0	7.186	834		85.0					93
Dew Point	416506.	17458.	20.9	7.829	834	1.0	90.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 MAY

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry B W B	Dry B	TOTAL Wet B	Dew P
46/ 45			.1	.2	.1													4	4		
44/ 43			.1	.2														3	3		
42/ 41		.1	1.0	.4														12	12	1	
40/ 39		.4	1.2	.1														14	14	9	
38/ 37	.1	1.7	1.3															26	26	17	3
36/ 35	.2	1.9	1.7															32	32	29	12
34/ 33	.1	5.2	1.1															53	53	30	17
32/ 31	1.9	7.4	1.3															89	89	79	52
30/ 29	4.6	6.1	1.6															102	102	105	60
28/ 27	4.4	6.6																92	92	108	100
26/ 25	3.0	5.9																74	74	93	89
24/ 23	2.0	2.6	.1															40	40	62	66
22/ 21	4.7	1.9																55	55	53	69
20/ 19	5.4	3.0																70	70	67	91
18/ 17	2.8	3.5																52	52	46	61
16/ 15	1.2	2.6																32	32	42	52
14/ 13	2.9	2.2																42	42	42	34
12/ 11	.6	1.6																18	18	18	48
10/ 9	.1	.6																6	6	12	24
8/ 7	.1	1.0																9	9	9	19
6/ 5	.5	.4																7	7	7	4
4/ 3		.2																2	2	5	15
2/ 1																					6
0/ -1																					7
-4/ -5																					5
TOTAL	34.7	54.8	9.5	1.0	.1														834		834
																		834		834	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	5930228	69892	83.8	9.364	834							
Dry Bulb	593951	21279	25.5	7.827	834		76.9					93
Wet Bulb	542573	20383	24.4	7.302	834		83.4					93
Dew Point	425341	17649	21.2	7.890	834	1.3	89.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7L117D TIN CITY AFS AK 73-81 MAY

PAGE 1 2900-1100

Dry Bulb °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	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	Rel Hum %
46/ 45			.1	.4														4	4		
44/ 43			.7	.2	.1													9	9		
42/ 41		.8	1.1	.7														22	22	3	
40/ 39		1.1	.7	.1														16	16	19	1
38/ 37		1.3	2.3															30	30	20	9
36/ 35	.4	2.6	1.9	.2														43	43	30	15
34/ 33	.7	5.7	1.9	.5														74	74	56	22
32/ 31	2.4	9.7	1.9															117	117	65	77
30/ 29	3.3	6.9	.4															89	89	134	77
28/ 27	2.2	5.9	.1															68	68	93	68
26/ 25	3.0	5.5	.5															75	75	66	85
24/ 23	2.3	2.5																40	40	75	72
22/ 21	3.8	2.5	.1															54	54	49	73
20/ 19	3.9	3.2																60	60	57	62
18/ 17	1.9	3.8																48	48	50	52
16/ 15	1.6	2.5																34	34	32	40
14/ 13	1.0	1.8																23	23	27	42
12/ 11	.5	.5																8	8	17	28
10/ 9		1.3																11	11	0	<6
8/ 7		1.1																9	9	9	13
6/ 5																				4	8
4/ 3		.2																2	2	2	10
2/ 1																					14
0/ -1																					2
-2/ -3																					1
-4/ -5																					2
TOTAL	26.9	59.1	11.7	2.2	.1														836		836
																		836		836	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature <0°F	<32°F	<32°F	>73°F	>80°F	>100°F	Total
Rel Hum	5791013.	69095.	82.6	9.809	836							
Dry Bulb	658970.	22542.	27.0	7.826	836		71.0					93
Wet Bulb	596202.	21484.	25.7	7.267	836		78.8					93
Dew Point	467071.	18597.	22.2	7.995	836	.6	87.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAY

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Temp F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
52/ 51			.1															1	1		
50/ 49			.1															1	1		
48/ 47			.1	.6														6	6	2	
46/ 45		.1	.4	.1														5	5	1	
44/ 43		.2	.6	.1														8	8	3	3
42/ 41		.1	2.3	.2														22	22	9	1
40/ 39		.5	1.3	.1														16	16	12	2
38/ 37	.2	2.3	1.7	.4														38	38	25	5
36/ 35	.1	3.5	1.7															44	44	39	19
34/ 33	1.2	8.3	2.5	.2														102	102	69	36
32/ 31	2.0	9.6	1.4	.1														110	110	99	65
30/ 29	4.2	6.2	.5															91	91	128	102
28/ 27	3.8	6.0	.6															87	87	97	90
26/ 25	2.0	4.2	.4															55	55	73	94
24/ 23	1.6	3.8																45	45	61	59
22/ 21	2.3	4.2																54	54	53	51
20/ 19	2.6	4.6	.1															61	61	56	70
18/ 17	1.3	3.2																38	38	38	65
16/ 15	.6	1.8																20	20	31	37
14/ 13	.4	1.4																15	15	16	45
12/ 11		1.0																8	8	8	20
10/ 9		.5																4	4	9	18
8/ 7		.4																3	3	5	9
6/ 5																					8
4/ 3																					7
2/ 1																					6
0/ -1																					2
TOTAL	22.4	61.9	13.8	1.9															834		834
																		834		834	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							
Rel. Hum.	5743137.	68731.	82.4	9.734	834								
Dry Bulb	713216.	23590.	28.3	7.428	834		65.9						93
Wet Bulb	643729.	22445.	26.9	6.902	834		75.2						93
Dew Point	507851	19575	23.5	7.623	834	.2	85.6						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 MAY

PAGE 1 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	31-32	TOTAL Dry Bulb	Dry Bulb	TOTAL Wet Bulb	Wet Bulb
48/ 47				.4														3	3		
46/ 45				.4														3	3		
44/ 43	.1	.2	.2	.2														7	7	2	2
42/ 41	.1	.2	1.9	.5														22	22	7	2
40/ 39	.1	1.1	2.2															28	28	11	1
38/ 37	.2	1.4	1.9															28	28	30	3
36/ 35	.1	5.0	1.2															51	51	39	17
34/ 33	1.2	7.9	1.0	.2														84	84	82	34
32/ 31	2.2	9.8	1.0															105	105	83	103
30/ 29	4.2	7.6	1.4															106	106	116	93
28/ 27	4.5	6.1	.2															87	87	108	96
26/ 25	1.1	7.4	.2															71	71	73	81
24/ 23	1.9	3.8	.4															49	49	68	53
22/ 21	2.0	2.5																36	36	46	64
20/ 19	2.9	4.2	.1															58	58	49	64
18/ 17	1.6	2.7																35	35	43	66
16/ 15	.1	1.4																12	12	15	39
14/ 13		1.4																11	11	16	38
12/ 11		.6																5	5	7	11
10/ 9		.6																5	5	7	11
8/ 7																					10
6/ 5																					15
4/ 3																					2
2/ 1																					1
TOTAL	22.5	64.0	11.8	1.7															806		806
																		806		806	

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.	5636884	66980	83.1	9.374	806							
Dry Bulb	696035	23023	28.6	6.906	806		66.9					93
Wet Bulb	632474	21974	27.3	6.441	806		73.3					93
Dew Point	504165	19311	24.0	7.181	806		86.2					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAY

STATION NAME

PAGE 1 1600-2000

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.	D.B.	TOTAL Wet B	Dew P
46/ 45			.1															1	1		
44/ 43			.3	.3														4	4		
42/ 41			1.0	.1														8	8	1	
40/ 39		.1	2.6	.3														21	21	7	
38/ 37		2.0	.6															18	18	10	
36/ 35	.3	3.7	1.3															37	37	38	6
34/ 33	2.6	8.3	.9															82	82	57	27
32/ 31	2.6	11.1	1.4															106	106	90	106
30/ 29	4.1	6.4	.7															79	79	103	71
28/ 27	6.1	5.3	.4															83	83	96	82
26/ 25	2.3	6.4	.4															64	64	64	82
24/ 23	2.4	4.7																50	50	71	37
22/ 21	2.7	1.7																31	31	43	59
20/ 19	2.8	3.0																41	41	30	69
18/ 17	2.4	2.7																36	36	43	50
16/ 15	1.0	2.8																27	27	26	30
14/ 13		1.0																7	7	14	37
12/ 11	.4	.1																4	4	5	17
10/ 9		.4																3	3	1	9
8/ 7																				3	12
6/ 5																					4
4/ 3																					4
TOTAL	29.8	59.8	9.7	.7															702		702
																		702		702	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No Obs	Mean Number of Hours with Temperature					
Rel Hum	5091287.	59459.	84.7	8.869	702						
Dry Bulb	572996.	19522.	27.8	6.553	702		70.3				93
Wet Bulb	526302.	18734.	26.7	6.132	702		78.0				93
Dew Point	426408	16634	23.7	6.784	702		88.6				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 MAY

STATION NAME YEARS MON

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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
42/ 41			.3															2	2		
40/ 39		.1	1.8	.4														17	17		
38/ 37		2.3	1.5	.1														29	29	10	
36/ 35	.7	2.5	.6															27	27	41	5
34/ 33	1.1	8.3	.4															71	71	38	22
32/ 31	2.9	10.3	1.2															105	105	98	90
30/ 29	3.6	6.2	.6															75	75	95	77
28/ 27	5.8	5.2	.4															83	83	90	81
26/ 25	2.8	6.2	.3															67	67	78	76
24/ 23	2.8	4.7																54	54	66	47
22/ 21	4.1	1.9	.1															45	45	50	63
20/ 19	3.6	3.3																50	50	39	68
18/ 17	2.3	2.2																33	33	42	49
16/ 15	2.8	1.9																34	34	37	39
14/ 13	.7	1.7																17	17	22	32
12/ 11	.1	.4																4	4	4	38
10/ 9	.3	1.0																9	9	10	12
8/ 7	.4	.1																4	4	6	10
6/ 5																					6
4/ 3																					9
2/ 1																					2
TOTAL	33.9	58.4	7.2	.6															726		726
																		726		726	

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.	5343950	61978	85.4	8.545	726							
Dry Bulb	550746	19366	26.7	6.864	726		74.3					93
Wet Bulb	508900	18638	25.7	6.478	726		81.6					93
Dew Point	414166	16540	22.8	7.177	726		89.5					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 MAY

PAGE 1 ALL

Temp. °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WetB	TOTAL DewP
52/ 51			.0															1	1	
50/ 49			.0															1	1	
48/ 47			.0	.1														9	9	2
46/ 45		.0	.1	.1	.0													17	17	1
44/ 43	.0	.1	.3	.2	.0													36	36	5 5
42/ 41	.0	.2	1.0	.3	.0													98	98	21 3
40/ 39	.0	.5	1.5	.2														145	145	62 4
38/ 37	.1	1.7	1.4	.2														215	215	133 21
36/ 35	.4	2.9	1.2	.0														291	291	299 93
34/ 33	.8	6.3	1.4	.1														554	554	386 194
32/ 31	2.6	9.7	1.2	.0														861	861	693 631
30/ 29	3.5	6.5	.8															690	690	681 617
28/ 27	4.7	5.9	.4															701	701	675 693
26/ 25	2.5	6.0	.3															568	568	646 730
24/ 23	2.1	3.4	.1															358	358	510 434
22/ 21	3.6	2.6	.0															395	395	420 518
20/ 19	4.2	3.3	.0															482	482	438 598
18/ 17	2.2	3.1																341	341	360 477
16/ 15	1.4	2.2																230	230	262 351
14/ 13	1.2	1.9																201	201	217 304
12/ 11	.4	.7																75	75	103 244
10/ 9	.1	.8																53	53	67 192
8/ 7	.2	.5																48	48	52 114
6/ 5	.1	.1																17	17	22 60
4/ 3		.1																6	6	13 73
2/ 1																				1 44
0/ -1																				16
-2/ -3																				3
-4/ -5																				11
-6/ -7																				2
-8/ -9																				1
TOTAL	30.2	58.6	9.8	1.2	.1													6393	6393	6393

WET BULB TEMPERATURE DEPRESSION F

	Σx	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours at Or Below Temperature: 0°F	32°F	45°F	55°F	65°F	75°F	Mo
	45581921.	536525.	83.9	9.316	6393							
	4934690.	171114.	26.8	7.449	6393		584.9					744
	4508828.	163838.	25.6	6.964	6393		639.1					744
	3589832	143822	22.4	7.632	6393	3.8	706.8					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 JUN

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 B	TOTAL Wet B	Dew F
52/ 51			.1															1	1		
50/ 49			.1															1	1	1	
48/ 47		.1	1.5	.4														15	15		1
46/ 45		1.5	2.9	.7														38	38	8	
44/ 43	.4	2.5	1.2	.1														32	32	26	6
42/ 41		4.5	2.2															51	51	46	17
40/ 39	2.9	7.0	1.7															88	88	90	53
38/ 37	3.0	5.7	.4															69	69	95	95
36/ 35	5.8	8.6	.9															116	116	83	107
34/ 33	9.5	5.1	1.2															120	120	147	116
32/ 31	10.4	7.8																138	138	128	177
30/ 29	3.6	1.1	.1															36	36	75	78
28/ 27	3.4	2.2																43	43	36	56
26/ 25	.8	.1																7	7	18	27
24/ 23		.4																3	3		13
22/ 21																				3	6
20/ 19																					3
18/ 17																					3
TOTAL	39.8	46.6	12.4	1.2															758		758
																		758		758	

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	+87 F	+93 F	Total
Rel. Hum.	6194627	68173	89.9	9.143	758							
Dry Bulb	987781	27087	35.7	5.118	758		27.0					90
Wet Bulb	924325	26249	34.6	4.502	758		31.1					90
Dew Point	837915	24977	33.0	4.436	758		43.1					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUN

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.	D.B.	TOTAL Wet Bulb	Dew Point
54/ 53			.4	.1														4	4		
52/ 51		.1	.1	.1														3	3		
50/ 49		.1	.1	.3														4	4	5	
48/ 47		.3	1.1	.4	.1													15	15	2	1
46/ 45		2.0	1.0	.6														29	29	4	4
44/ 43	.4	1.8	2.4	.6														41	41	36	10
42/ 41	.4	4.2	.9	.3														45	45	36	19
40/ 39	2.0	7.7	1.5															88	88	83	51
38/ 37	3.1	5.2	1.1	.1														75	75	98	78
36/ 35	5.6	6.3	.9															100	100	94	114
34/ 33	9.3	7.2	.8															135	135	141	129
32/ 31	11.5	6.9																144	144	146	182
30/ 29	3.8	.9																37	37	71	82
28/ 27	4.0	1.5																43	43	38	54
26/ 25	.8	1.3																16	16	25	29
24/ 23	.1	.4																4	4	2	13
22/ 21																				2	12
20/ 19																					2
18/ 17																					3
TOTAL	41.0	45.8	10.5	2.6	.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	>77 F	>87 F	>93 F	Total
Rel. Hum.	6423797	70533	90.1	9.471	783							
Dry Bulb	1019669	27937	35.7	5.411	783		28.0					90
Wet Bulb	954030	27082	34.6	4.708	783		32.6					90
Dew Point	864587	25773	32.9	4.559	783		43.3					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUN

STATION STATION NAME

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
56/ 55					.3													2	2		
54/ 53			.1	.1	.3													4	4		
52/ 51			.3	.3	.6													9	9		
5 / 49		.3	1.4	1.1	.1													23	23	4	
48/ 47		.9	2.0	.8	.1													30	30	8	
46/ 45	.3	1.9	1.6	.1	.1													32	32	27	12
44/ 43	.4	4.2	2.9	.4	.1													63	63	50	17
42/ 41	.5	4.9	1.4	.1														55	55	65	33
4 / 39	1.9	6.0	.6															67	67	80	65
38/ 37	3.3	6.0	.9															80	80	86	68
36/ 35	4.7	7.5	.9															103	103	92	103
34/ 33	8.2	5.6	.4															112	112	142	147
32/ 31	9.9	5.6	.1															123	123	116	149
30/ 29	3.7	1.8																43	43	66	65
28/ 27	1.9	2.5																35	35	30	19
26/ 25	.4	.3																5	5	17	39
24/ 23		.3																2	2	3	15
22/ 21																					6
20/ 19																					1
18/ 17																					2
TOTAL	35.2	47.6	12.7	2.9	1.6														788		768
																		788		786	

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.	6262361	69751	68.5	10.589	788							
Dry Bulb	1108030	29162	37.0	6.051	788		23.8					90
Wet Bulb	1022880	28106	35.7	5.092	788		26.7					90
Dew Point	914120	26572	33.7	4.794	788		36.3					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

702170 TIN CITY AFS AK 73-81 JUN

PAGE 1 0900-1100

Temp	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61						.1	.1											2	2	
60/ 59				.1		.1												2	2	
58/ 57					.5	.3												6	6	
56/ 55			.1	.1	.5	.3												8	8	
54/ 53			.6	.6	.5													14	14	1
52/ 51		.1	1.4	.5	.1													17	17	3
50/ 49		.8	1.8	.5	.6													29	29	17	1
48/ 47		1.5	2.3	1.4														41	41	33	7
46/ 45	.3	.8	2.3	.5														30	30	37	25
44/ 43	.6	2.4	2.5	.6														49	49	43	28
42/ 41	1.4	5.8	2.1															74	74	64	40
40/ 39	2.5	8.0	1.8															97	97	100	72
38/ 37	3.2	6.6	.8															83	83	99	106
36/ 35	4.8	7.3	.9															103	103	110	106
34/ 33	7.2	5.1	.1															98	98	116	156
32/ 31	7.8	5.4	.3															107	107	106	135
30/ 29	.8	2.1																23	23	40	49
28/ 27	.3	.6																7	7	15	33
26/ 25		.3																2	2	6	23
24/ 23																					7
22/ 21																					6
20/ 19																					1
TOTAL	29.8	46.7	16.9	4.4	2.3	.8	.1												792		792
																		792		792	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 47 F	< 73 F	< 85 F	< 93 F	Total
Rel Hum	6012181	68391	86.4	11.631	792							
Dry Bulb	1231008	30786	38.9	6.587	792		15.8					90
Wet Bulb	1116762	29434	37.2	5.377	792		19.0					90
Dew Point	981946	27612	34.9	8.938	792		28.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

720170 TIN CITY AFS AK 73-81 JUN

STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	W.B.	TOTAL Dry Bulb	Wet Bulb	Dew Point
66/ 65							.1											1	1			
64/ 63							.3											2	2			
62/ 61					.1													1	1			
60/ 59					.1													1	1			
58/ 57			.3	.1	.4	.5												10	10			
56/ 55			.3	.5	.4	.4												12	12			
54/ 53			.5	1.0	.1													13	13	5		
52/ 51		.1	.6	1.3	.3													18	18	8	1	
50/ 49		.5	1.7	1.4	.4													31	31	16	3	
48/ 47		1.2	1.8	.3														25	25	24	9	
46/ 45	.3	1.7	2.4	.1														35	35	50	13	
44/ 43	1.4	4.1	3.8	.5														77	77	43	44	
42/ 41	1.0	7.2	2.9		.1													88	88	74	52	
40/ 39	1.7	6.4	1.7															76	76	106	60	
38/ 37	3.5	7.7	1.9															102	102	88	113	
36/ 35	6.1	6.8	.1															102	102	141	137	
34/ 33	8.1	4.3	.1															98	98	111	154	
32/ 31	4.5	4.7	.3															74	74	67	145	
30/ 29	.4	1.3																13	13	41	33	
28/ 27		.4																3	3	5	41	
26/ 25																				3	9	
24/ 23																					1	
22/ 21																					7	
TOTAL	26.9	46.3	18.4	5.2	1.9	.9	.4												782		762	
																		782		782		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 50 F	≤ 73 F	≤ 80 F	≤ 90 F	Total
Rel. Hum	5861183	67059	85.8	11.903	782							
Dry Bulb	1264194	31022	39.7	6.554	782		10.4					90
Wet Bulb	1140930	29586	37.8	5.257	782		13.4					90
Dew Point	1001352	27728	35.5	4.824	782		22.6					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUN

STATION NAME

PAGE 1 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 B.	TOTAL Wet B.	Dew P.
64/ 63						.3												2	2		
62/ 61					.2													1	1		
60/ 59					.3													2	2		
58/ 57				.2	.2													2	2		
56/ 55				.2	.5	.2												5	5		
54/ 53			.6	.8	.2	.3												12	12	5	
52/ 51		.2	.9	.6	.2													12	12	1	
50/ 49		.9	1.7	1.9														29	29	11	1
48/ 47		1.3	.9	1.1	.2													22	22	21	4
46/ 45	.2	2.4	1.7	.8														32	32	32	11
44/ 43	.3	6.3	3.5	.3														66	66	35	39
42/ 41	2.0	6.0	2.8	.3														71	71	84	35
40/ 39	1.6	6.8	1.9															65	65	73	72
38/ 37	3.6	8.2	1.1															82	82	83	77
36/ 35	5.8	5.5	.6															76	76	104	103
34/ 33	6.6	4.9	.2															74	74	84	117
32/ 31	3.8	4.7	.5															57	57	57	86
30/ 29	1.1	2.2																21	21	36	38
28/ 27	.2																	1	1	6	40
26/ 25		.5																3	3	2	6
24/ 23																				1	1
22/ 21																					2
20/ 19																					3
TOTAL	25.2	49.8	16.5	6.1	1.6	.8													635		635
																		635		635	

Element/X	ΣX^2	ΣX	$\bar{X}$	σ_x	No Obs	Mean No. of Hours with Temperature <0 F	>32 F	>47 F	>70 F	>80 F	>92 F	Total
Rel Hum	4755390	54462	85.8	11.298	635							
Dry Bulb	1014611	25055	39.5	6.407	635		11.6					90
Wet Bulb	918264	23918	37.7	5.234	635		14.5					90
Dew Point	805952	22414	35.3	4.830	635		24.9					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117D TIN CITY AFS AK 73-81 JUN

PAGE 1 1600-2000

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B	TOTAL W.B	TOTAL Dry B	TOTAL Wet B	TOTAL Dew Pt
62/ 61				.2	.2													2		2		
60/ 59					.2													1		1		
58/ 57			.2															1		1		
56/ 55				.4		.2												3		3	1	
54/ 53			.2	.8														5		5	3	
52/ 51			1.0	.6														8		8		1
50/ 49		1.0	1.4	1.0	.2													18		18	4	1
48/ 47		1.0	1.6	1.6														21		21	20	1
46/ 45		3.3	2.7	1.2														37		37	13	10
44/ 43	.8	6.3	1.8	.6														48		48	41	23
42/ 41	2.5	5.7	2.7	.6														59		59	70	33
40/ 39	3.5	9.0	1.8															73		73	62	66
38/ 37	3.9	7.2	1.4															64		64	91	82
36/ 35	3.7	4.5																42		42	59	59
34/ 33	5.1	6.1																57		57	56	68
32/ 31	4.5	2.9																38		38	48	85
30/ 29	2.7	2.7																28		28	32	33
28/ 27	1.0	.2																6		6	11	18
26/ 25																						10
TOTAL	27.8	49.9	14.7	6.8	.6	.2													511			511
																		511			511	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 65 F	< 73 F	< 81 F	< 93 F	Total
Rel Hum	3903737.	44337.	86.8	10.556	511							
Dry Bulb	606571.	20059.	39.3	6.130	511		12.7					90
Wet Bulb	736774.	19228.	37.6	5.099	511		16.0					90
Dew Point	652465.	18105.	35.4	4.643	511		25.9					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 74-81 JUN

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	31-32	TOTAL D.B. W.B.	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
60/ 59					.2													1	1		
58/ 57					.2													1	1		
56/ 55				.2														1	1		
52/ 51		.2	.3	.3														5	5	2	
50/ 49		.2	1.0	1.0														13	13	2	
48/ 47			1.1	.5														10	10	4	1
46/ 45		2.5	1.6	1.1														32	32	11	4
44/ 43	.2	5.4	1.8															45	45	34	10
42/ 41	.3	5.2	3.6	.2														57	57	60	25
40/ 39	3.4	6.6	1.8															72	72	61	69
38/ 37	3.8	8.0	.7															76	76	93	74
36/ 35	4.8	6.4	.8															73	73	87	72
34/ 33	8.2	4.9	.7															84	84	92	112
32/ 31	8.9	4.6	.2															83	83	91	132
30/ 29	3.9	1.1																31	31	42	54
28/ 27	2.6	1.5																25	25	28	28
26/ 25																				2	23
24/ 23		.2																1	1		4
22/ 21																				1	
20/ 19																					1
18/ 17																					1
TOTAL	36.1	46.7	13.6	3.3	.3														610		610
																		610		610	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature: <0°F	<32°F	<60°F	<70°F	<80°F	<90°F	Total
Rel. Hum.	4867934	54166	88.8	9.773	610							
Dry Bulb	860961	22663	37.2	5.582	610		20.7					90
Wet Bulb	797658	21868	35.8	4.744	610		24.2					90
Dew Point	716701	20733	34.0	4.442	610		35.9					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 JUN

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	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
66/ 65							.0											1	1		
64/ 63						.0	.0											4	4		
62/ 61				.0	.1	.0	.0											6	6		
60/ 59				.0	.1	.0												7	7		
58/ 57			.1	.0	.2	.1												20	20		
56/ 55			.1	.2	.2	.1												31	31	1	
54/ 53			.3	.4	.1	.0												52	52	14	
52/ 51		.1	.6	.5	.2													73	73	14	2
50/ 49		.4	1.1	.9	.2													148	148	60	6
48/ 47		.8	1.6	.8	.1													179	179	112	24
46/ 45	.1	1.9	2.0	.6	.0													265	265	182	79
44/ 43	.6	3.9	2.5	.4	.0													421	421	308	177
42/ 41	1.0	5.4	2.3	.2	.0													500	500	499	254
40/ 39	2.4	7.1	1.6															626	626	655	508
38/ 37	3.4	6.7	1.0	.0														631	631	733	713
36/ 35	5.2	6.7	.7															715	715	770	806
34/ 33	7.9	5.4	.4															778	778	891	1019
32/ 31	7.9	5.5	.2															764	764	761	1052
30/ 29	2.5	1.6	.0															232	232	403	452
28/ 27	1.7	1.2																163	163	171	289
26/ 25	.3	.3																33	33	73	163
24/ 23	.0	.2																10	10	6	54
22/ 21																				6	41
20/ 19																					11
18/ 17																					9
TOTAL	32.9	47.3	14.4	3.9	1.1	.3	.1												5659		5659
																		5659		5659	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <0 F	<32 F	<40 F	<50 F	<60 F	<70 F	Total
Rel. Hum.	44281210	496892	87.8	10.729	5659							
Dry Bulb	8292825	213771	37.8	6.201	5659		152.9					720
Wet Bulb	7611623	205471	36.3	5.170	5659		180.7					720
Dew Point	6775038	193914	34.3	4.799	5659		263.5					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

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	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
64/ 63					.4													3	3		
60/ 59			.1															1	1		
58/ 57		.1	.4	.6	.3													11	11	2	
56/ 55		1.3	.3	.4	.3													17	17	4	
54/ 53		1.9	1.0	.5														27	27	20	6
52/ 51	.5	2.2	1.7	.4														37	37	24	26
50/ 49	1.5	3.3	1.0	.4														49	49	44	25
48/ 47	2.6	5.6	1.8															78	78	72	57
46/ 45	3.4	8.4	2.7															114	114	98	68
44/ 43	4.8	8.4	.5															108	108	115	105
42/ 41	7.0	6.9	.6															114	114	149	128
40/ 39	6.5	3.8	1.0															89	89	92	135
38/ 37	5.7	4.2																78	78	81	80
36/ 35	2.0	1.3																26	26	44	56
34/ 33	1.8	1.9																29	29	26	43
32/ 31		.4																3	3	11	20
30/ 29																					13
TOTAL	36.0	49.7	11.1	2.3	.9														784		784
																		784		784	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	6585836.	71516.	91.2	8.912	784							
Dry Bulb	1527496.	34332.	43.8	5.544	784		.4					93
Wet Bulb	1440495.	33381.	42.6	4.953	784		1.3					93
Dew Point	1356581	32377	41.3	4.991	784		3.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

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	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
66/ 65				.1													1	1		
62/ 61			.2	.1		.1											4	4		
60/ 59			.4		.1												4	4	1	
58/ 57			.2	.1	.2												5	5	2	
56/ 55		1.7	.1	.6													20	20	5	
54/ 53		1.5	.6	.7													23	23	21	15
52/ 51		1.7	1.9	.4													32	32	19	15
50/ 49	.7	3.7	1.6	.5													53	53	34	27
48/ 47	1.9	6.5	1.2	.1													78	78	74	43
46/ 45	3.1	8.1	2.7	.4													115	115	98	86
44/ 43	4.0	12.1	.6														134	134	128	115
42/ 41	6.5	6.6	.6														110	110	155	144
40/ 39	5.5	3.5	.6														77	77	103	123
38/ 37	5.3	1.9															58	58	64	103
36/ 35	3.4	2.4	.1														47	47	47	50
34/ 33	1.7	2.9															37	37	33	39
32/ 31	.5	.2															6	6	20	32
30/ 29																				11
28/ 27																				1
TOTAL	32.6	52.7	11.1	3.1	.4	.1												804		804
																	804		804	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	6706168.	73074.	90.9	8.970	804							
Dry Bulb	1556690.	35086.	43.6	5.642	804		.7					93
Wet Bulb	1463942.	34072.	42.4	4.995	804		2.3					93
Dew Point	1374425.	33001.	41.0	4.974	804		5.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117D TIN CITY AFS AK 73-81 JUL

PAGE 1 0600-0800

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL DP	TOTAL Wet Bulb Dew Point
	WET BULB TEMPERATURE DEPRESSION (F)																				
66/ 65				.1		.2												3	3		
64/ 63				.4		.1												4	4		
62/ 61		.1	.5	.4	.2	.1												11	11		
60/ 59		.1	.5	.5	.1													10	10	3	
58/ 57			.7	.5	.1													11	11	8	1
56/ 55		1.2	.9	.9	.2													26	26	10	4
54/ 53	.2	1.6	1.7	1.1	.1													39	39	30	17
52/ 51		1.9	1.2	.4	.1													29	29	26	22
50/ 49	.2	2.9	1.1	.5														38	38	43	30
48/ 47	1.2	7.8	1.7															87	87	63	53
46/ 45	7.3	12.3	1.9	.1														141	141	123	90
44/ 43	4.1	8.7	1.9															118	118	146	146
42/ 41	6.7	4.5	.7															96	96	126	141
40/ 39	6.7	3.0	1.1	.1														88	88	96	113
38/ 37	3.8	2.4	.2															52	52	55	69
36/ 35	2.2	1.6	.1															32	32	41	46
34/ 33	.9	1.2																17	17	22	23
32/ 31	.5																	4	4	10	29
30/ 29																					6
28/ 27																					1
TOTAL	29.9	49.3	14.4	5.0	1.0	.5													806		806
																		806		806	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature						
Rel Hum	6546061.	72179.	89.6	10.110.	806							
Dry Bulb	1656618.	36206.	44.9	6.127.	806			.5				93
Wet Bulb	1540201.	34985.	43.4	5.186.	806			1.2				93
Dew Point	1433625.	33753.	41.9	5.002	806			4.2				93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7-1170 TIN CITY AFS AK 73-81 JUL

PAGE 1 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	31-32	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
70/ 69				.1	.1	.1												3	3		
68/ 67					.2	.1	.2											5	5		
66/ 65				.7	.1	.2	.1											10	10		
64/ 63		.1	.1	.5	.4	.6												14	14	2	
62/ 61			.6	.7	.1													12	12	1	
60/ 59			.1	.2	.4	.2												8	8	13	2
58/ 57		.4	1.2	.9	.4													23	23	13	4
56/ 55	.1	1.6	3.1	1.6	.2													54	54	21	11
54/ 53	.1	1.4	1.5	1.4	.2													37	37	37	21
52/ 51	.1	2.6	3.5	.6	.1													56	56	45	30
50/ 49	.2	3.2	3.6	.2														59	59	65	52
48/ 47	1.4	7.7	1.9	.2														90	90	77	53
46/ 45	2.5	8.3	2.5	.2														109	109	132	111
44/ 43	4.2	7.3	1.2															103	103	118	154
42/ 41	5.8	4.1	1.2															90	90	110	110
40/ 39	6.3	2.2	1.2															79	79	94	121
38/ 37	2.4	1.6																32	32	45	64
36/ 35	1.2	1.0																18	18	26	41
34/ 33	.1	.5																5	5	6	20
32/ 31	.1																	1	1	3	12
30/ 29																					2
TOTAL	24.6	42.0	21.8	7.5	2.4	1.4	.4												808		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
Ref. Hum.	6203837	70165	86.8	11.721	808							
Dry Bulb	1827772	38020	47.1	6.930	808		.1	.9				93
Wet Bulb	1663478	36348	45.0	5.539	808		.3					93
Dew Point	1520077	34803	43.1	5.102	808		1.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

STATION STATION NAME YEARS MONTH

PAGE 1 1200-1400

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
70/ 69				.1			.4											4	4		
68/ 67				.4	.4	.3	.5											12	12		
66/ 65			.1	.9	.3	.1	.4											14	14		
64/ 63		.1	.1	.5	.4	.8	.5											19	19	1	
62/ 61			.3	.3	.5	.1												9	9	7	
60/ 59		.3	.8	.6	.6	.4												21	21	15	3
58/ 57		.1	.6	1.5	.3													20	20	14	7
56/ 55	.1	1.9	1.9	1.9	.4													49	49	23	12
54/ 53	.1	2.4	1.9	.9														42	42	39	21
52/ 51	.1	2.4	2.8	1.0	.1													51	51	60	28
50/ 49	.5	3.0	3.0	.1														53	53	56	50
48/ 47	2.7	7.8	2.7	.1														105	105	86	78
46/ 45	2.4	9.2	3.2															117	117	130	104
44/ 43	4.3	7.7	1.5															107	107	119	157
42/ 41	3.8	4.9	1.1															78	78	110	102
40/ 39	4.8	2.5	.6															63	63	65	118
38/ 37	1.3	.5																14	14	30	68
36/ 35	.8	.6																11	11	11	21
34/ 33		.1																1	1	4	15
32/ 31																					6
TOTAL	20.9	43.8	20.6	8.4	2.9	1.6	1.8												790		790
																		790		790	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <10 F	<20 F	<40 F	<70 F	<80 F	>90 F	Total
Rel. Hum.	5891926	67474	85.4	12.785	790							
Dry Bulb	1869421	38011	48.1	7.166	790			1.9				93
Wet Bulb	1680701	36179	45.8	5.497	790							93
Dew Point	1521748	34450	43.6	4.967	790		.7					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

PAGE 1 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	31-32	TOTAL D.B. W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
70/ 69					.2													1	1		
68/ 67				.3	.5	.3												7	7		
66/ 65		.2		.8	.3		.2											9	9		
64/ 63				.3	.8	1.0												13	13	1	1
62/ 61				.2	.3		.3											5	5	4	
60/ 59		.5	.2	1.3	.3	.5												17	17	9	
58/ 57		.7	1.0	.5	.2													14	14	9	3
56/ 55		1.7	1.8	2.3														35	35	19	13
54/ 53		1.8	1.8	.8														27	27	29	13
52/ 51	.2	3.6	3.0	.2	.2													43	43	37	18
50/ 49	.8	3.8	3.3	.8														53	53	52	50
48/ 47	2.3	7.8	1.8	.2														73	73	76	60
46/ 45	1.8	8.3	2.3															75	75	75	69
44/ 43	4.3	8.8	1.5	.2														89	89	98	124
42/ 41	5.0	6.1	1.5															76	76	97	73
40/ 39	3.6	3.5																43	43	57	83
38/ 37	.8	1.3																13	13	28	53
36/ 35	1.0	.2																7	7	9	32
34/ 33	.3	.2																3	3	3	6
32/ 31	.2																	1	1	1	6
TOTAL	20.4	48.3	19.2	7.9	2.8	1.8	.5												604		604
																		604		604	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤57 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	4597672	52186	86.4	12.133	604							
Dry Bulb	1400822	28790	47.7	6.879	604		.2	1.2				93
Wet Bulb	1270579	27507	45.5	5.444	604		.2					93
Dew Point	1159270	26288	43.5	5.010	604		.9					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

STATION NAME

PAGE 1 1800-2000

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
70/ 69					.2													1	1		
68/ 67					.4													2	2		
66/ 65						.2												1	1		
64/ 63				.6	.2													4	4		
62/ 61			.6	.4	.2													6	6	1	
60/ 59		.6	.6	.8	.2	.2												12	12	6	
58/ 57		.2	.6	.6	.2	.2	.2											10	10	9	
56/ 55		1.7	1.9	1.9														26	26	6	12
54/ 53		1.3	3.1	1.3														27	27	20	13
52/ 51	.4	1.5	.8															13	13	28	10
50/ 49	1.0	4.6	4.0	.2														47	47	32	27
48/ 47	3.3	9.2	1.5															67	67	51	52
46/ 45	.8	9.2	1.7															56	56	83	51
44/ 43	2.9	9.6	2.1															70	70	62	79
42/ 41	5.0	9.0	1.7															75	75	87	80
40/ 39	4.0	4.0	.6															41	41	51	70
38/ 37	1.5	.6																10	10	30	47
36/ 35	.6	.4																5	5	7	19
34/ 33	.8	.2																5	5	5	11
32/ 31	.2																	1	1	1	8
TOTAL	20.75	2.01	9.2	5.8	1.5	.6	.2												479		479
																		479		479	

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.	3741599	42035	87.8	10.509	479							
Dry Bulb	1058716	22320	46.6	6.250	479		.2	.6				93
Wet Bulb	974260	21458	44.8	5.214	479		.2					93
Dew Point	897354	20592	43.0	5.034	479		1.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

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	31-32	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew P.
66/ 65				.2														1	1		
64/ 63					.3													2	2		
60/ 59		.2	.6	1.0														11	11	1	
58/ 57		.5	.3	.6	.2													10	10	3	
56/ 55		1.6	1.3	.8														23	23	11	1
54/ 53		1.6	1.6	1.1														27	27	15	16
52/ 51	.2	2.6	.6	.3														23	23	30	11
50/ 49	1.0	4.5	2.1	.2														48	48	41	29
48/ 47	2.6	9.1	2.8															89	89	71	62
46/ 45	1.8	8.6	2.4															79	79	82	77
44/ 43	3.4	10.7	.6															91	91	101	66
42/ 41	5.7	7.3	.8															85	85	111	102
40/ 39	5.2	5.0	.5															66	66	65	104
38/ 37	2.4	2.9	.5															36	36	42	56
36/ 35	.3	1.3																10	10	23	29
34/ 33	1.8	.8																16	16	17	26
32/ 31	.2																	1	1	5	14
30/ 29																					4
28/ 27																					1
TOTAL	24.4	56.6	14.2	4.2	.5														618		618
																		618		618	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	5011247	55373	89.6	8.985	618							
Dry Bulb	1280416	27908	45.2	5.712	618		.2					93
Wet Bulb	1194920	26998	43.7	5.009	618		.8					93
Dew Point	1114850	26070	42.2	4.947	618		2.9					93

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 JUL

STATION STATION NAME YEARS 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.	D.B.	TOTAL Wet B.	Dew P.
70/ 69				.0	.1	.0	.1											9	9		
68/ 67				.1	.2	.1	.1											26	26		
66/ 65		.0	.0	.4	.1	.1	.1											39	39		
64/ 63		.0	.0	.3	.3	.3	.1											59	59	4	1
62/ 61		.0	.3	.3	.2	.1	.0											47	47	13	
60/ 59		.2	.4	.5	.2	.2												84	84	48	5
58/ 57		.2	.6	.7	.2	.0	.0											104	104	60	15
56/ 55	.0	1.6	1.4	1.2	.2													250	250	99	53
54/ 53	.1	1.7	1.6	1.0	.1													249	249	211	124
52/ 51	.2	2.3	2.0	.4	.1													284	284	269	158
50/ 49	.7	3.5	2.4	.4														400	400	367	290
48/ 47	2.2	7.6	1.9	.1														667	667	570	458
46/ 45	2.5	9.1	2.5	.1														806	806	821	676
44/ 43	4.1	9.1	1.2	.0														820	820	887	966
42/ 41	5.7	6.0	1.0															724	724	947	880
40/ 39	5.5	3.4	.8	.0														546	546	645	864
38/ 37	3.1	2.0	.1															293	293	375	560
36/ 35	1.5	1.2	.0															156	156	208	294
34/ 33	.9	1.1																113	113	118	163
32/ 31	.2	.1																17	17	51	127
30/ 29																					36
28/ 27																					3
TOTAL	26.7	49.0	16.2	5.5	1.5	.8	.4												5693		5693
																		5693		5693	

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.	45284346	504002	88.5	10.809	5693							
Dry Bulb	12177951	260673	45.8	6.523	5693		2.2	4.6				744
Wet Bulb	11228576	250968	44.1	5.364	5693		6.7					744
Dew Point	10377930	241334	42.4	5.090	5693		21.7					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 AUG

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 DB	TOTAL WB	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
60/ 59		.2	.5															6	6			
58/ 57		.4	.1	.1														5	5	2		
56/ 55	.4	1.2	1.1															22	22	13		7
54/ 53	1.0	3.9	1.4															51	51	22		18
52/ 51	1.4	3.7	1.2															51	51	64		41
50/ 49	2.8	7.4	1.2	.1														94	94	73		68
48/ 47	4.2	11.3	.5															130	130	106		102
46/ 45	6.5	8.5	1.8															137	137	150		141
44/ 43	4.7	7.4	1.2															108	108	108		107
42/ 41	2.2	7.3	.9															84	84	103		74
40/ 39	1.1	4.8	1.1															57	57	71		87
38/ 37	.6	3.2																31	31	33		60
36/ 35	.7	2.5																26	26	43		43
34/ 33	.1	.7	.2															9	9	18		30
32/ 31																				3		30
28/ 27																						3
TOTAL	25.8	62.6	11.3	.2															811			811
																		811		811		

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	< 63 F	> 73 F	> 83 F	> 93 F	Total
Rel. Hum.	6733644	73656	90.8	7.380	811							
Dry Bulb	1719811	37123	45.8	5.034	811							93
Wet Bulb	1628222	36112	44.5	4.998	811		.3					93
Dew Point	1540121	35061	43.2	5.485	811		3.8					93

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_1170 TIN CITY AFS AK 73-81 AUG

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.	Dry B.	TOTAL Wet B.	Dew P.
60/ 59			.1	.1															2	2		
58/ 57		.5	.6	.2															11	11		
56/ 55	.1	1.1	.5	.5															18	18	10	2
54/ 53	.9	3.4	1.2																45	45	25	20
52/ 51	1.2	3.8	1.3																52	52	51	31
50/ 49	3.1	7.1	.6																88	88	75	72
48/ 47	3.7	9.4	1.2																117	117	109	100
46/ 45	8.1	10.1	1.8																163	163	149	147
44/ 43	4.0	6.1	.7																89	89	111	96
42/ 41	3.9	6.7	.9																94	94	109	89
40/ 39	1.0	5.4	1.5																64	64	67	68
38/ 37	.7	2.3																	25	25	45	61
36/ 35	1.0	3.1	.2																35	35	32	40
34/ 33	.2	1.2																	12	12	28	42
32/ 31																					4	21
30/ 29																						3
28/ 27																						2
26/ 25																						1
TOTAL	28.0	60.4	10.8	.9																815		815
																			815		815	

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤47 F	≥72 F	≥80 F	≥93 F	Total
Rel. Hum.	6817887	74301	91.2	7.360	815							
Dry Bulb	1705951	37057	45.5	5.081	815							93
Wet Bulb	1616363	36067	44.3	4.988	815		.5					93
Dew Point	1532235	35063	43.0	5.402	815		3.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 AUG

PAGE 1 0600-0800

Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	Dry B.	TOTAL Wet B.	Dew P.
62/ 61			.4	.1														4	4		
60/ 59		.1	.1	.4	.1													6	6	1	
58/ 57	.1	.4	1.5	.5	.2													22	22	4	1
56/ 55	.1	.7	1.1	.4	.1													20	20	11	8
54/ 53	.2	5.4	1.0	.2														56	56	39	13
52/ 51	1.5	4.2	.6	.1														52	52	65	57
50/ 49	3.1	7.5	1.2	.5														100	100	75	74
48/ 47	5.0	8.7	1.3															123	123	116	109
46/ 45	5.9	8.6	1.8															133	133	140	122
44/ 43	3.8	8.3	1.2															109	109	109	102
42/ 41	2.3	6.4	.4															74	74	100	98
40/ 39	1.5	4.7	.7															56	56	56	84
38/ 37	1.5	2.4	.5															36	36	52	52
36/ 35	.7	2.1																23	23	34	46
34/ 33	.2	.1																3	3	13	35
32/ 31																					14
30/ 29																					2
TOTAL	25.9	59.5	11.9	2.2	.5														817		817
																		817		817	

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.	6731292	73846	90.4	8.328	817							
Dry Bulb	1773394	37814	46.3	5.334	817							93
Wet Bulb	1670782	36716	44.9	5.044	817							93
Dew Point	1574747	35599	43.6	5.378	817		1.8					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 AUG

PAGE 1 0900-1100

Temp F	WET BULB TEMPERATURE DEPRESSION F 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
66/ 65									.1																							1	1		
64/ 63				.2				.1	.1																							4	4		
62/ 61				.1		.1																										2	2		
60/ 59	.1	.2		1.1		.4		.4	.1																							19	19	4	1
58/ 57	.1	1.3		1.7		1.1					.1																					36	36	7	6
56/ 55	.1	2.8		1.2		.9			.1																							42	42	28	7
54/ 53	.6	5.3		2.8		.2																										73	73	64	39
52/ 51	1.1	5.9		1.1				.1																								67	67	70	61
50/ 49	2.2	7.7		2.2		.1																										100	100	101	73
48/ 47	5.6	6.9		1.7		.2																										118	118	111	148
46/ 45	4.9	8.8		1.2																												122	122	128	114
44/ 43	4.8	6.7		1.2		.1																										105	105	112	114
42/ 41	1.1	3.3		1.6																												49	49	79	57
40/ 39	1.0	3.7		1.2																												48	48	42	77
38/ 37	.7	1.6		.2																												21	21	47	34
36/ 35	.2	.7																														8	8	19	45
34/ 33	.1																															1	1	4	30
32/ 31																																			10
TOTAL	22.8	55.0		17.8		3.2		.6	.5		.1																						816		816
																																816		816	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature +0 F	+32 F	+47 F	+70 F	+80 F	+90 F	Total
Rel. Hum.	6523339.	72535.	88.9	9.633	816							
Dry Bulb	1691616.	39026.	47.8	5.556	816							93
Wet Bulb	1761861.	37687.	46.2	5.110	816							93
Dew Point	1647633.	36393.	44.6	5.486	816		1.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-31 AUG

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL DP	TOTAL RH
68/ 67					.1													1	1		
66/ 65			.1		.1													2	2		
64/ 63			.4	.1	.3													6	6		
62/ 61		.1	.6	.1														7	7	1	
60/ 59		.6	1.6	.4	.3	.3												25	25	7	1
58/ 57		1.3	1.1	1.1	.1													29	29	15	3
56/ 55	.8	2.4	2.3	.9		.4												53	53	33	21
54/ 53	.3	5.4	2.3	.1														64	64	46	33
52/ 51	1.0	6.0	2.3	.1														75	75	82	61
50/ 49	1.9	6.8	2.5	.8														95	95	102	79
48/ 47	5.8	9.5	2.5	.5														146	146	123	131
46/ 45	4.5	8.9	.9	.1														115	115	142	131
44/ 43	2.8	5.3	1.8	.1														79	79	97	104
42/ 41	1.5	2.1	2.5	.1														50	50	57	68
40/ 39	.8	2.0	1.3															32	32	34	61
38/ 37	.3	1.5																14	14	44	22
36/ 35	.5	.1																5	5	15	52
34/ 33																					26
32/ 31																					4
30/ 29																					1
TOTAL	19.9	52.0	22.1	4.5	.9	.6												798	798	798	798

Element	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean Number of Hours with Temperature -10 F	-10 F	-5 F	0 F	5 F	10 F	Total
Rel. Hum.	6214422.	69980.	87.7	9.866	798							
Dry Bulb	1907053.	38763.	48.6	5.503	798			.1				93
Wet Bulb	1764330.	37304.	46.7	5.033	798							97
Dew Point	1637506.	35888.	45.0	5.434	798		.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 AUG

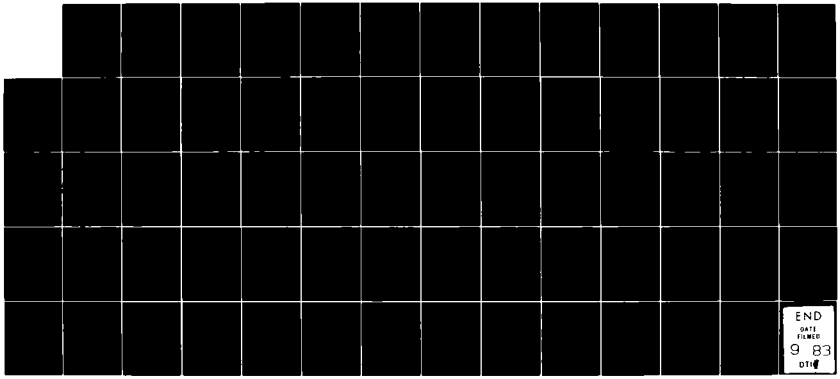
PAGE 1 1500-1700

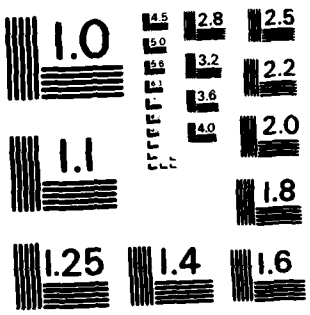
Temp. F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB WB	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
66/ 65				.2														1	1		
64/ 63				.2	.2													2	2		
62/ 61			.3	.2														3	3		
60/ 59		.3	2.2	.2	.3	.3												21	21	2	
58/ 57		1.6	2.0	.5														26	26	7	1
56/ 55	.5	3.3	.6	.3														30	30	36	17
54/ 53	.6	5.4	2.0															52	52	34	35
52/ 51	1.1	6.2	2.6															64	64	64	45
50/ 49	1.2	8.2	.9	.6														71	71	62	67
48/ 47	5.1	9.6	2.2	.5														112	112	109	90
46/ 45	2.6	10.1	2.5	.2														99	99	89	97
44/ 43	3.1	6.2	2.0															73	73	93	77
42/ 41	1.4	4.0	2.3															50	50	60	59
40/ 39	.3	2.8	.8															25	25	45	54
38/ 37	.3	.8	.5															10	10	30	38
36/ 35	.3	.5																5	5	11	44
34/ 33																					15
32/ 31																					2
30/ 29																					3
TOTAL	16.6	59.0	21.0	2.6	.5	.3													644		644
																		644		644	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							
Rel. Hum.	5045645	56715	88.1	8.901	644								
Dry Bulb	1511325	31007	48.1	5.352	644								93
Wet Bulb	1402899	29881	46.4	5.058	644								93
Dew Point	1306929	28793	44.7	5.522	644		.7						93

AD-A131 191 TIN CITY AFS ALASKA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIO..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. APR 83 5/5

UNCLASSIFIED USAFETAC/DS/83/017 SBI-AD-E850 395 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

720170 — TIN CITY AFS AK — 73-81 — AUG

PAGE 1 — 1800-2000

Temp °F	WET BULB TEMPERATURE DEPRESSION (°F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Wet Bulb	TOTAL Dew Point
60/ 59		.2	1.1	.2	.4													10	10		
58/ 57		1.1	1.8	.5														19	19	4	1
56/ 55		2.8	1.2	.4	.2													26	26	12	3
54/ 53	1.1	4.1	.5	.4														34	34	41	25
52/ 51	.4	8.9	.5	.2														56	56	37	33
50/ 49	1.8	9.1	1.1															67	67	74	61
48/ 47	4.4	10.5	.9	.2														90	90	90	98
46/ 45	3.0	7.1	2.0															68	68	72	71
44/ 43	2.3	9.1	2.5															78	78	57	51
42/ 41	2.0	4.8	2.7															53	53	68	58
40/ 39	.2	3.9	.7															27	27	43	40
38/ 37	.5	2.1	1.1															21	21	36	43
36/ 35	.5	1.6																12	12	24	41
34/ 33		.2																1	1	4	25
32/ 31		.2																1	1	1	10
30/ 29																					3
TOTAL	16.2	65.5	16.0	1.8	.5													563	563	563	563

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature -10°F	+32°F	+67°F	+73°F	+80°F	+93°F	Total
Rel. Hum.	4474820	49994	88.8	7.935	563							
Dry Bulb	1259163	26451	47.0	5.408	563		.2					93
Wet Bulb	1176326	25564	45.4	5.260	563		.2					93
Dew Point	1099640	24670	43.8	5.757	563		2.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 AUG

PAGE 1 2400-2300

Temp F	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21	22	23	24	25	26	27	28	29	30	31	TOTAL D.B.	TOTAL W.B.	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew Pt.
62/ 61					.1																			1		1		
60/ 59				.1																				1		1		
58/ 57			.4	.1																				4		4		
56/ 55			2.6	1.2	.1																			27		27	7	1
54/ 53	1.0	4.2	1.0																					43		43	35	27
52/ 51	1.3	5.6	1.2																					56		56	51	37
50/ 49	2.3	8.6	1.0		.1																			84		84	72	66
48/ 47	3.2	13.4	1.0		.1																			123		123	101	96
46/ 45	4.3	7.2	2.0			.1																		95		95	116	107
44/ 43	3.9	7.8	.4																					84		84	74	78
42/ 41	2.4	6.9	1.3																					74		74	95	65
40/ 39	1.2	4.2	1.2																					45		45	55	73
38/ 37	.7	3.2	.3																					29		29	38	51
36/ 35	.6	3.0																						25		25	33	35
34/ 33																											14	35
32/ 31		.4																						3		3	3	19
30/ 29																												3
28/ 27																												1
TOTAL	20.9	67.6	10.8		.6	.1																		694		694		694
																								694			694	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	< 65 F	< 73 F	< 85 F	< 93 F	Total
Ref. Hum	5723336	62820	90.5	7.302	694							
Dry Bulb	1485802	31914	46.0	5.127	694		.4					93
Wet Bulb	1404488	31020	44.7	5.093	694		.4					93
Dew Point	1326890	30094	43.4	5.628	694		3.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 AUG

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 Dry B.	TOTAL Wet B.	TOTAL Dew Pt.
68/ 67					.0													1	1	
66/ 65			.0	.0	.0	.0												4	4	
64/ 63			.1	.0	.1	.0												12	12	
62/ 61		.0	.2	.1														17	17	1
60/ 59	.0	.2	.8	.2	.2	.1												90	90	14	2
58/ 57	.0	.8	1.1	.5	.1		.0											152	152	39	12
56/ 55	.3	2.0	1.2	.4	.0	.1												238	238	152	66
54/ 53	.7	4.6	1.6	.1														418	418	306	210
52/ 51	1.1	5.4	1.4	.1	.0													473	473	484	366
50/ 49	2.3	7.7	1.4	.3														699	699	634	560
48/ 47	4.6	9.8	1.4	.2														959	959	869	874
46/ 45	5.2	8.7	1.7	.0	.0													932	932	986	930
44/ 43	3.7	7.0	1.3	.0														725	725	761	729
42/ 41	2.1	5.2	1.5	.0														528	528	671	568
40/ 39	.9	4.0	1.1															354	354	413	564
38/ 37	.7	2.2	.3															187	187	325	361
36/ 35	.6	1.7	.0															139	139	211	346
34/ 33	.1	.3	.0															26	26	81	238
32/ 31		.1																4	4	11	110
30/ 29																					15
28/ 27																					6
26/ 25																					1
TOTAL	22.4	59.9	15.1	2.0	.4	.2	.0												5958		5958
																		5958		5958	

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.	48264385	533847	89.6	8.504	5958							
Dry Bulb	13254115	279155	46.9	5.414	5958		.5	.1				744
Wet Bulb	12424971	270351	45.4	5.142	5958		1.4					744
Dew Point	11665701	261561	43.9	5.542	5958		16.5					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

703170 TIN CITY AFS AK 73-81 SEP

PAGE 1 0000-0200

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	TOTAL D.B.	TOTAL W.B.	TOTAL Dew P.	TOTAL Wet B.
56/ 55		.3																2	2		
54/ 53			.1															1	1	2	
52/ 51		.4	.1															4	4	1	2
50/ 49	.1	2.4	.3															22	22	6	2
48/ 47	.5	5.0	.3															45	45	31	24
46/ 45	.5	6.7	.4	.1														60	60	67	38
44/ 43	2.1	9.1	2.1	.3														105	105	58	74
42/ 41	3.1	9.8	1.5															112	112	106	68
40/ 39	4.2	8.5	1.2															108	108	124	105
38/ 37	2.3	6.9	.5															76	76	95	90
36/ 35	1.5	8.5	.4															81	81	74	65
34/ 33	1.4	5.3	.3															54	54	73	88
32/ 31	1.3	6.4	.4															63	63	56	65
30/ 29	.1	4.2	.1															35	35	42	53
28/ 27	.4	.6																8	8	36	24
26/ 25	.1	.3																3	3	6	47
24/ 23																					6
22/ 21																					6
20/ 19																					2
TOTAL	17.7	74.3	7.6	.4														779	779	779	779

WET BULB TEMPERATURE DEPRESSION (F)

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature +0 F	+32 F	+50 F	+73 F	+80 F	+93 F	Total
Rel. Hum.	6242406.	69518.	89.2	7.045	779							
Dry Bulb	1229281.	30645.	39.3	5.524	779		12.6					90
Wet Bulb	1154242.	29680.	38.1	5.488	779		16.2					90
Dew Point	1062301.	28371.	36.4	6.109	779		23.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 SEP

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 DB WB	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
56/ 55		.1																1	1		
54/ 53		.3	.4															5	5	1	
52/ 51		.5	.3															6	6	2	1
50/ 49	.1	1.8	.5	.3														21	21	13	8
48/ 47	.8	4.5	.4	.3														46	46	29	19
46/ 45	.6	6.4	.5															59	59	59	33
44/ 43	1.9	6.8	1.8															82	82	60	73
42/ 41	4.6	7.8	1.3															107	107	100	62
40/ 39	6.0	7.5	.6															111	111	121	116
38/ 37	3.1	7.9	.4															89	89	103	83
36/ 35	1.4	7.5	.4															73	73	65	92
34/ 33	.9	7.2	.3															65	65	80	66
32/ 31	2.2	6.3	.4															69	69	62	85
30/ 29	1.0	2.6	.1															29	29	48	53
28/ 27	.4	1.8																17	17	28	40
26/ 25		.4																3	3	9	26
24/ 23																				3	14
22/ 21																					7
20/ 19																					4
18/ 17																					1
TOTAL	23.0	69.2	7.3	.5														783	783	783	783

Element (X)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature < 0 F	< 32 F	< 50 F	> 73 F	> 85 F	> 93 F	Total
Rel. Hum.	6310818	70064	89.5	7.275	783							
Dry Bulb	1221204	30600	39.1	5.693	783		13.6					90
Wet Bulb	1150344	29690	37.9	5.603	783		17.2					90
Dew Point	1057392	28362	36.2	6.200	783		26.4					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 SEP

STATION NAME YEARS MONTH

PAGE 1 0600-0800

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B. W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
58/ 57			.1		.1													2	2		
56/ 55			.4															3	3		
54/ 53		.3	.1	.3														5	5	2	
52/ 51		.3	.5															6	6	4	1
50/ 49	.1	2.2	.4	.3														23	23	9	6
48/ 47	.9	4.7	.6	.1														50	50	38	22
46/ 45	.4	5.2	.8	.4														53	53	57	36
44/ 43	2.6	8.2	1.3															94	94	60	74
42/ 41	2.2	10.0	1.7															108	108	96	64
40/ 39	5.8	8.3	.8	.1														117	117	133	103
38/ 37	3.2	6.9	.3															81	81	103	101
36/ 35	1.0	6.5	.4															62	62	58	86
34/ 33	1.4	5.5	.1															55	55	70	74
32/ 31	2.6	6.5	.4															74	74	65	76
30/ 29	.4	3.6																31	31	43	53
28/ 27	.1	1.9																16	16	31	31
26/ 25		.3																2	2	11	29
24/ 23																				2	13
22/ 21																					9
20/ 19																					4
TOTAL	20.6	70.3	7.8	1.2	.1														782		762
																		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.	6228945	69535	88.9	7.669	782							
Dry Bulb	1238182	30782	39.4	5.826	782		14.2					90
Wet Bulb	1160546	29800	38.1	5.652	782		17.5					90
Dew Point	1061845	28407	36.3	6.191	782		24.7					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (YEARS) SEP (MON)

PAGE 1 0900-1100

Temp. °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B.	TOTAL W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point
62/ 61						.1												1	1			
56/ 57			.4	.3														5	5			
56/ 55			.8	.4	.1													10	10			
54/ 53		.3	.3															4	4	6		
52/ 51		.3	.6	.5														11	11	10		3
50/ 49	.1	3.8	1.8	.6	.1													51	51	11		7
48/ 47	.4	5.6	2.4	.4														69	69	51		27
46/ 45	.6	6.1	1.7	.4														69	69	78		49
44/ 43	2.0	9.8	2.7															114	114	97		78
42/ 41	1.3	9.0	1.5															93	93	108		79
40/ 39	4.5	6.6	1.1															96	96	113		117
38/ 37	2.0	6.2	1.7															78	78	82		101
36/ 35	.6	4.8	1.3															53	53	59		70
34/ 33	.5	6.1	.6															57	57	67		55
32/ 31	1.5	4.8	.6															55	55	66		75
30/ 29	.3	1.8																16	16	41		56
28/ 27		.4																3	3	10		33
26/ 25																				2		23
24/ 23																						7
22/ 21																						5
TOTAL	13.9	65.7	17.5	2.5	.3	.1												785	785			785
																		785		785		

WET BULB TEMPERATURE DEPRESSION (F)

Element (X)	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≥73 F	≥80 F	≥93 F	Total
Rel. Hum.	5895753	67705	86.2	8.474	785							
Dry Bulb	1353042	32250	41.1	5.989	765		8.5					90
Wet Bulb	1243690	30932	39.4	5.630	785		13.0					90
Dew Point	1115042	29204	37.2	6.038	785		22.8					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 SEP

PAGE 1 1200-1400

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew Point
WET BULB TEMPERATURE DEPRESSION (F)																						
60/ 59				.1														1		1		
58/ 57			.1	.9														8		8		
56/ 55			.9	.4	.1													11		11		
54/ 53		.5	.3	.5	.5													14		14	4	
52/ 51		2.2	1.9	.7														35		35	16	1
50/ 49	.1	4.4	2.4	.7														57		57	22	13
48/ 47	.7	6.0	2.7	.3														72		72	72	43
46/ 45	.4	6.5	3.0															73		73	76	54
44/ 43	1.2	8.1	2.6	.1														89		89	98	73
42/ 41	1.1	8.7	1.3	.3														85		85	90	89
40/ 39	3.8	6.5	1.7	.3														91		91	99	111
38/ 37	.8	7.1	2.3															76		76	63	84
36/ 35	.7	4.8	.7															46		46	75	52
34/ 33	.7	4.7	.4															43		43	58	57
32/ 31	1.3	2.3	.5															31		31	40	92
30/ 29	.5	.5	.1															9		9	23	31
28/ 27		.4																3		3	3	21
26/ 25																					3	14
24/ 23																						3
22/ 21																						6
TOTAL	11.3	62.8	21.0	4.3	.7														744			744
																		744			744	

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.	5418451	63159	84.9	8.748	744							
Dry Bulb	1360862	31492	42.3	6.125	744		5.2					90
Wet Bulb	1238191	30059	40.4	5.654	744		8.3					90
Dew Point	1101120	28272	38.0	6.004	744		20.2					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 SEP

PAGE 1 1500-1700

Temp. °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
WET BULB TEMPERATURE DEPRESSION (F)																						
58/ 57				.2	.2	.2												3	3			
56/ 55		.2																1	1			
54/ 53		.6	.3	.5														9	9	1		
52/ 51		2.1	1.6	.2														24	24	5	3	
50/ 49		4.8	.8	.5														38	38	20	4	
48/ 47	1.5	8.2	2.1	.6														77	77	62	35	
46/ 45	.3	6.9	2.1															58	58	62	52	
44/ 43	1.3	10.5	3.9	.3														99	99	82	56	
42/ 41	1.5	7.9	1.6															68	68	87	76	
40/ 39	1.3	5.5	.8	.2														48	48	71	76	
38/ 37	1.5	9.0	1.5															74	74	53	79	
36/ 35	1.1	6.6	.2															49	49	68	57	
34/ 33	1.0	4.7	.2															36	36	57	53	
32/ 31	1.5	3.2																29	29	30	75	
30/ 29	.2	.2																2	2	16	26	
28/ 27	.2	.5																4	4	2	14	
26/ 25																				3	7	
24/ 23																					3	
22/ 21																					3	
TOTAL	11.1	71.1	15.0	2.4	.2	.2												619	619	619	619	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Mean No. of Hours with Temperature < 0 F	< 32 F	< 63 F	< 73 F	< 83 F	< 93 F	Total
Rel. Hum.	4644845.	53405.	86.3	7.765	619							
Dry Bulb	1108222	25950.	41.9	5.736	619		5.1					90
Wet Bulb	1018846	24888.	40.2	5.424	619		7.4					90
Dew Point	916977	23555.	38.1	5.778	619		18.6					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72170 (STATION) TIN CITY AFS AK (STATION NAME) 73.75-81 (YEARS) SEP (MONTH)

PAGE 1 1600-2000

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	31-32	>32	TOTAL D.B.	W.B.	TOTAL Dry B.	Wet B.	Dew Pt.
52/ 51		.6	.6																6	6	1		
50/ 49		4.4	.9																29	29	5		2
48/ 47	.9	8.1	.7	.2															54	54	40		21
46/ 45	.9	5.7	1.1	.2															43	43	59		47
44/ 43	.2	12.5	1.7																78	78	37		37
42/ 41	1.8	9.0	1.8																69	69	87		54
40/ 39	2.6	7.5	.6																58	58	69		66
38/ 37	1.1	8.4	.4																54	54	56		66
36/ 35	1.3	6.8	.6																47	47	50		70
34/ 33	.6	7.9	.2																47	47	55		41
32/ 31	1.1	7.9																	49	49	45		55
30/ 29	.6	.9																	8	8	33		48
28/ 27		.6																	3	3	7		20
26/ 25																					1		11
24/ 23																							5
22/ 21																							2
TOTAL	11.0	80.2	8.4	.4															545		545		545

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.	4245948	47978	88.0	6.402	545							
Dry Bulb	899610	21934	40.2	5.567	545		9.9					90
Wet Bulb	838800	21172	.8	5.477	545		14.2					90
Dew Point	764237	20153	[illegible]	5.9[illegible]	545		23.3					90

USAFETAC FORM 0-8 (OLD) [illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70170 TIN CITY AFS AK 73-81 SEP

PAGE 1 2100-2300

Temp °F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P	
54/ 53			.1															1	1		
52/ 51		.4																3	3	1	
50/ 49		2.8																19	19	10	2
48/ 47	.4	5.0	.3															39	39	22	19
46/ 45	.3	6.5	.6	.3														52	52	57	35
44/ 43	1.2	9.9	1.3															84	84	55	56
42/ 41	2.2	12.4	1.5															109	109	92	64
40/ 39	3.3	7.1	1.2	.1														79	79	94	84
38/ 37	2.5	7.7	.9															75	75	83	79
36/ 35	.6	8.1																59	59	60	75
34/ 33	1.5	6.8	.7															61	61	69	70
32/ [illegible]	.7	8.4	.6															66	66	60	60
30/ 29	.3	2.5																19	19	46	44
28/ 27	.1	.7																6	6	20	41
26/ 25	.1	.1																2	2	5	29
24/ 23		.1																1	1		9
22/ 21																				1	5
20/ 19																					2
18/ 17																					1
TOTAL	13.3	79.0	7.3	.4														675	675	675	675

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.	5326132	59786	88.6	6.757	675							
Dry Bulb	1059961	26495	39.3	5.445	675		12.5					90
Wet Bulb	992471	25619	38.0	5.464	675		17.6					90
Dew Point	907590	24400	36.1	6.160	675		25.5					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 SEP

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 B	TOTAL Wet B	Dew P
62/ 61						.0												1	1		
60/ 59				.0														1	1		
58/ 57			.1	.2	.0	.0												18	18		
56/ 55		.1	.3	.1	.0													28	28		
54/ 53		.2	.2	.2	.1													39	39	16	
52/ 51		.8	.7	.2														95	95	42	11
50/ 49	.1	3.3	.9	.3	.0													260	260	98	44
48/ 47	.7	5.8	1.2	.2														452	452	345	210
46/ 45	.5	6.2	1.2	.2														467	467	515	344
44/ 43	1.6	9.2	2.1	.1														745	745	537	521
42/ 41	2.3	9.3	1.5	.0														751	751	766	556
40/ 39	4.1	7.2	1.0	.1														708	708	824	778
38/ 37	2.1	7.5	1.0															603	603	638	683
36/ 35	1.0	6.7	.5															470	470	509	567
34/ 33	1.0	6.0	.4															418	418	529	504
32/ 31	1.6	5.7	.4															436	436	416	563
30/ 29	.4	2.1	.1															149	149	292	364
28/ 27	.2	.9																60	60	137	224
26/ 25	.0	.1																10	10	40	186
24/ 23		.0																1	1	5	60
22/ 21																				1	43
20/ 19																					12
18/ 17																					2
TOTAL	15.6	71.1	11.5	1.5	.2	.0													5712		5712
																		5712		5712	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <0 F	<32 F	<60 F	>70 F	>80 F	>93 F	Total
Rel. Hum.	44313298	501150	87.7	7.764	5712							
Dry Bulb	9470364	230148	40.3	5.877	5712		82.7					720
Wet Bulb	8797130	221840	38.8	5.636	5712		112.6					720
Dew Point	7986504	210724	36.9	6.101	5712		185.8					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 OCT

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	31-32	TOTAL		TOTAL	
44/ 43		.1																1	1		
42/ 41		1.2	.5															14	14	4	1
40/ 39		1.2	.2															12	12	9	6
38/ 37	.2	2.5	.1															23	23	27	4
36/ 35	1.2	3.7	.4															43	43	25	30
34/ 33	1.7	7.3	.2															75	75	56	36
32/ 31	2.6	12.1	1.1															128	128	92	68
30/ 29	4.4	7.0	1.2															103	103	124	61
28/ 27	2.7	8.0	.1															88	88	93	68
26/ 25	2.8	8.7																94	94	102	85
24/ 23	2.1	4.1																50	50	92	60
22/ 21	1.6	3.6																44	44	46	61
20/ 19	3.8	2.7																53	53	55	94
18/ 17	2.2	1.2																28	28	25	66
16/ 15	1.6	1.0																21	21	25	41
14/ 13	.5	.1																5	5	6	24
12/ 11	.9	.4																10	10	11	14
10/ 9	1.1	.1																10	10	10	12
8/ 7	.4	.2																5	5	3	4
6/ 5	.5	.2																6	6	8	7
4/ 3																					3
2/ 1																					1
0/ -1																					0
-2/ -3																					1
TOTAL	30.6	65.4	3.9																813		813
																		813		813	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature							
Rel. Hum.	611304	70233	86.4	7.510	813								
Dry Bulb	643462	22190	27.3	6.824	813			73.8					93
Wet Bulb	600184	21440	26.4	6.545	813			79.2					93
Dew Point	498923	19279	23.7	7.171	813		.8	84.2					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 OCT

STATION NAME

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.	D.B.	TOTAL Wet B.	Dew Point
46/ 45			.1															1	1		
44/ 43		.2	.1															3	3		
42/ 41		.7	.5															10	10	6	
40/ 39		.4	.4															6	6	6	9
38/ 37	.2	1.8	.2	.1														20	20	13	2
36/ 35	1.6	3.9	.4															48	48	33	17
34/ 33	1.7	6.8	.1															70	70	64	37
32/ 31	3.2	10.9	1.1	.1														125	125	92	85
30/ 29	4.7	6.3	.7															95	95	102	80
28/ 27	2.9	9.6																102	102	102	73
26/ 25	2.7	8.4	.1															91	91	115	66
24/ 23	2.6	4.4																57	57	87	58
22/ 21	2.2	3.3																45	45	44	92
20/ 19	4.1	2.3																52	52	57	89
18/ 17	1.5	1.5																24	24	24	56
16/ 15	2.2	1.0																26	26	27	42
14/ 13	.6	.2																7	7	8	40
12/ 11	1.2	.1																11	11	13	13
10/ 9	1.4	.4																14	14	14	15
8/ 7		.2																2	2		4
6/ 5	.1	.5																5	5	6	6
4/ 3																				1	3
2/ 1																					2
0/ -1																					3
-2/ -3																					2
TOTAL	32.9	63.0	3.8	.2															814		814
																		814		814	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <0 F	<32 F	<67 F	<72 F	<80 F	>93 F	Total
Rel. Hum.	6133766	70382	86.5	7.702	814							
Dry Bulb	633807	22029	27.1	6.805	814		74.9					93
Wet Bulb	591880	21296	26.2	6.536	814		79.1					93
Dew Point	491087	19129	23.5	7.149	814	.6	85.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 OCT

PAGE 1 0600-0800

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B.	TOTAL W.B.	TOTAL Dry B.	TOTAL Wet B.	TOTAL Dew P.
48/ 47			.1																1	1		
46/ 45		.1																	1	1		
44/ 43		.1																	1	1	2	
42/ 41		.7	.2																8	8	4	2
40/ 39		.9	.6																12	12	5	6
38/ 37	.7	1.6																	19	19	19	8
36/ 35	1.5	4.4	.5																52	52	29	15
34/ 33	1.2	6.3	.5	.1															66	66	59	27
32/ 31	2.8	12.2	.2																124	124	88	63
30/ 29	4.7	7.5	.5																103	103	127	91
28/ 27	2.0	7.9																	80	80	82	84
26/ 25	3.6	10.2																	112	112	120	75
24/ 23	2.6	3.3																	48	48	85	68
22/ 21	2.8	2.1																	40	40	39	98
20/ 19	3.7	3.4																	58	58	57	76
18/ 17	2.0	2.1																	33	33	36	50
16/ 15	3.0	.7																	30	30	33	46
14/ 13	.4	.2																	5	5	6	42
12/ 11	.2	.2																	4	4	5	17
10/ 9	.9	.2																	9	9	10	8
8/ 7	.1	.2																	3	3	1	4
6/ 5	.2	.2																	4	4	5	3
4/ 3																					1	4
2/ 1																						2
0/ -1																						1
-2/ -3																						3
TOTAL	32.3	64.8	2.7	.1																813		813
																		813			813	

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.	6159606	70508	86.7	7.424	813							
Dry Bulb	635483	22089	27.2	6.596	813		74.7					93
Wet Bulb	594631	21375	26.3	6.341	813		79.5					93
Dew Point	496067	19255	23.7	7.022	813	.5	86.4					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

731170 TIN CITY AFS AK 73-61 OCT

PAGE 1 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	31-32	TOTAL D.B. W.B.	Dis. B	TOTAL Wet B	Dew P
46/ 45		.4		.1														4	4		
44/ 43		.4	.4															6	6	3	
42/ 41		.4	.1															4	4	5	6
40/ 39		1.0	.6															13	13	5	
38/ 37	.7	3.3	.9															40	40	26	10
36/ 35	.5	3.8	.9	.1														43	43	30	19
34/ 33	1.6	8.4	.9															88	88	71	30
32/ 31	2.3	12.9	1.2															134	134	111	61
30/ 29	2.6	7.0	.6															83	83	99	94
28/ 27	3.4	7.8	.1															92	92	105	79
26/ 25	2.0	10.0																97	97	92	86
24/ 23	1.8	4.1																48	48	91	76
22/ 21	3.3	2.6																48	48	50	67
20/ 19	3.0	2.6																45	45	48	63
18/ 17	1.8	1.5																27	27	30	53
16/ 15	2.2	.4																21	21	25	41
14/ 13	.1																	1	1	3	35
12/ 11	.5	.2																6	6	4	13
10/ 9	.6	.1																6	6	8	1
8/ 7		.5																4	4		5
6/ 5	.2																	2	2	6	7
2/ 1																					3
-2/ -3																					3
TOTAL	26.8	67.2	5.7	.2															812		812
																		812		812	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤67 F	≤70 F	≤80 F	≤93 F	Total
Rel. Hum.	5932350	69138	85.1	7.496	812							
Dry Bulb	672720	22756	28.0	6.569	812		70.3					93
Wet Bulb	621632	21892	27.0	6.223	812		77.0					93
Dew Point	508068	19542	24.1	6.824	812	.3	85.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 OCT

PAGE 1 1200-1400

Temp (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	Total D.B.	W.B.	Total D.P.	
50/ 49		.3												2	2		
48/ 47		.1												1	1	2	
46/ 45				.1										1	1	1	1
44/ 43		.4	.4	.1										7	7		2
42/ 41	.1	.9	.1											9	9	6	2
40/ 39	.1	1.5	1.5											25	25	11	3
38/ 37	.5	3.0	.5	.1										32	32	25	14
36/ 35	.6	6.0	.6	.1										58	58	35	17
34/ 33	1.9	10.3	1.4											106	106	90	40
32/ 31	1.5	12.5	2.1											125	125	101	106
30/ 29	1.8	6.8	1.2											76	76	106	74
28/ 27	2.2	7.3												74	74	101	67
26/ 25	1.8	9.2												86	86	80	100
24/ 23	1.9	4.4												49	49	80	62
22/ 21	3.0	1.4												34	34	42	93
20/ 19	3.0	2.2												40	40	40	72
18/ 17	1.7	.6												18	18	20	37
16/ 15	1.4	.4												14	14	17	42
14/ 13	.6	.3												7	7	5	21
12/ 11	.8													6	6	8	9
10/ 9		.1												1	1		3
8/ 7	.3	.6												7	7	3	5
6/ 5	.1													1	1	6	
4/ 3																	3
2/ 1																	3
-2/ -3																	3
TOTAL	23.4	68.3	7.8	.5											779		779
														779		779	

Element (X)	Σx²	Σx	x̄	σx	No. Obs	Mean No. of Hours with Temperature ≤ 0 F	≤ 32 F					Total
Rel. Hum.	5652012	66082	84.8	7.716	779							
Dry Bulb	684665	22493	28.9	6.726	779		64.2					93
Wet Bulb	628689	21577	27.7	6.317	779		72.7					93
Dew Point	515846	19324	24.8	6.849	779	.4	83.6					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 OCT

PAGE 1 1500-1700

°F	WET BULB TEMPERATURE DEPRESSION °F 1	2	3	4	5	6	7	8	9	10	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 D.B.	TOTAL Wet B.	TOTAL Dew P.
50/ 49		.1																														1	1			
48/ 47		.1																														1	1	1		
46/ 45		.1						.1																								2	2	1		1
44/ 43		.6				.3																										6	6	2		2
42/ 41		.9	.3																													8	8	3		3
40/ 39		1.2	1.0																													15	15	8		1
38/ 37	.3	1.6	1.2																													21	21	19		3
36/ 35	.6	4.6	.9																													42	42	22		15
34/ 33	1.2	8.7	1.2																													76	76	63		18
32/ 31	2.0	11.3	.7																													97	97	83		60
30/ 29	3.8	9.0	1.0																													95	95	98		78
28/ 27	2.6	8.9	.4																													82	82	95		70
26/ 25	1.2	10.4																														80	80	91		82
24/ 23	2.0	3.9																														41	41	71		47
22/ 21	2.6	1.6																														29	29	37		45
20/ 19	2.8	3.5																														43	43	34		65
18/ 17	.6	.6																														6	8	18		43
16/ 15	1.7	1.2																														20	20	17		28
14/ 13	.6	.4																														7	7	8		21
12/ 11	.3																															2	2	5		12
10/ 9	.3																															2	2	2		6
8/ 7	.4	.4																														6	6	3		1
6/ 5	.6																															4	4	7		3
4/ 3		.1																														1	1	1		2
2/ 1																																				2
0/ -1																																				4
-2/ -3																																				2
TOTAL	23.5	69.4	6.7		.3			.1																									689		689	
																																689		689		

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature -10°F	-10°F	-1°F	20°F	40°F	60°F	Total
Rel. Hum.	5016210.	58560.	85.0	7.532	689							
Dry Bulb	578578.	19416.	28.2	6.760	689		69.8					93
Wet Bulb	532904.	18654.	27.1	6.364	689		76.9					93
Dew Point	435792.	16664.	24.2	6.900	689	.8	86.5					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-74.77-81 OCT

STATION NAME

PAGE 1 1600-2000

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	31-32	TOTAL Db WB	Db B	TOTAL Wet B	Dew P
46/ 45		.2																1	1		
44/ 43		.6		.6														6	6	1	
42/ 41	.4	1.2																8	8	8	4
40/ 39	.2	1.4																8	8	4	6
38/ 37	.6	1.8	.4															14	14	13	5
36/ 35	.6	3.4	.4															22	22	14	11
34/ 33	.8	10.2	.2															56	56	39	8
32/ 31	1.8	15.7																88	88	69	52
30/ 29	4.4	9.4																69	69	82	72
28/ 27	1.6	10.6																62	62	65	56
26/ 25	2.4	8.8	.2															57	57	63	56
24/ 23	1.4	2.2																18	18	50	37
22/ 21	2.8	2.0																24	24	24	46
20/ 19	4.6	2.8																37	37	33	61
18/ 17	1.2	1.6																14	14	14	40
16/ 15	1.2	.8																10	10	12	17
14/ 13		.8																4	4	3	16
12/ 11	.8																	4	4	6	5
10/ 9																					6
8/ 7																					4
TOTAL	24.9	73.3	1.2	.6															502		502
																		502		502	

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.	3710535	43011	85.7	7.118	502							
Dry Bulb	424186	14264	28.4	6.139	502		71.7					93
Wet Bulb	393571	13749	27.4	5.826	502		78.4					93
Dew Point	324408	12354	24.6	6.378	502		86.7					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 OCT

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	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B	Dew P
42/ 41		.6	.5	.3														9	9	3	
40/ 39	.2	1.5	.3	.2														14	14	9	4
38/ 37	.6	2.9																23	23	14	10
36/ 35	.5	5.1	.5															39	39	25	11
34/ 33	.8	7.5	.2															55	55	59	23
32/ 31	1.8	14.0	.8															108	108	67	66
30/ 29	4.0	8.0	.6															82	82	100	71
28/ 27	2.8	8.1	.5															74	74	78	80
26/ 25	1.7	9.7																74	74	84	61
24/ 23	2.0	3.5																36	36	73	47
22/ 21	4.0	2.8																44	44	42	74
20/ 19	4.5	1.8																41	41	41	83
18/ 17	.9	1.2																14	14	14	47
16/ 15	2.2	.2																15	15	18	22
14/ 13	.5	.6																7	7	4	26
12/ 11	.2	.2																2	2	6	4
10/ 9	1.2	.2																9	9	8	8
8/ 7	.2	.3																3	3	2	5
6/ 5	.2																	1	1	3	4
4/ 3		.2																1	1	1	1
2/ 1																					1
0/ -1																					2
-2/ -3																					1
TOTAL	28.0	66.4	3.2	.5															651		651
																		651		651	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum.	4842759	55957	86.0	7.120	651							
Dry Bulb	528614	18054	27.7	6.555	651		73.0					93
Wet Bulb	490811	17415	26.8	6.194	651		77.3					93
Dew Point	405170	15638	24.0	6.739	651	.4	86.1					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7[illegible]1170 TIN CITY AFS AK 73-81 OCT

PAGE 1 ALL

Temp. F	WET BULB TEMPERATURE DEPRESSION F 1-2	3-4	5-6	7-8	9-10	11-12	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 B.	TOTAL Wet B.	Dew P.
5 / 49	.1																3	3		
48/ 47	.0	.0															3	3	3	
46/ 45	.1	.0	.0	.0													10	10	2	2
44/ 43	.3	.1	.1														30	30	8	4
42/ 41	.1 .8	.3	.0														70	70	39	18
40/ 39	.1 1.1	.6	.0														105	105	57	35
38/ 37	.5 2.3	.4	.0														192	192	156	61
36/ 35	.9 4.4	.6	.0														347	347	213	135
34/ 33	1.4 8.1	.6	.0														592	592	501	219
32/ 31	2.3 12.5	1.0	.0														929	929	703	621
30/ 29	3.8 7.5	.8															706	706	838	641
28/ 27	2.6 8.4	.1															654	654	721	597
26/ 25	2.3 9.4	.0															691	691	747	631
24/ 23	2.1 3.8																347	347	629	455
22/ 21	2.8 2.5																308	308	324	666
20/ 19	3.6 2.7																369	369	365	623
18/ 17	1.5 1.3																166	166	181	392
16/ 15	2.0 .7																157	157	174	279
14/ 13	.4 .3																43	43	43	225
12/ 11	.6 .2																45	45	60	87
10/ 9	.7 .2																51	51	52	59
8/ 7	.2 .3																30	30	12	32
6/ 5	.3 .1																23	23	41	30
4/ 3	.0																2	2	4	16
2/ 1																				14
0/ -1																				16
-2/ -3																				15
TOTAL	28.1 67.1	4.5	.3	.0														5873		5873
																	5873		5873	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	43560279	503871	85.8	7.507	5873							
Dry Bulb	4801515	163291	27.8	6.672	5873		572.7					744
Wet Bulb	4454302	157398	26.8	6.340	5873		620.0					744
Dew Point	3675361	141185	24.0	6.922	5873	3.9	684.0					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 NOV

STATION NAME

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
38/ 37		.6	.1															6	6	1	
36/ 35	.4	1.0	.4															14	14	11	4
34/ 33	2.0	1.8	.1															31	31	26	21
32/ 31	2.8	2.4	.3		.3													45	45	37	39
30/ 29	.9	2.2	.3															26	26	29	12
28/ 27	1.5	3.4																39	39	37	23
26/ 25	1.3	5.5																53	53	51	33
24/ 23	.8	1.7																19	19	35	18
22/ 21	3.4	1.5																39	39	43	27
20/ 19	5.1	3.7																69	69	53	75
18/ 17	2.3	2.7																39	39	42	55
16/ 15	2.4	3.7																48	48	54	34
14/ 13	4.1	2.8																54	54	44	40
12/ 11	4.6	1.3																46	46	56	48
10/ 9	4.1	2.4																51	51	46	52
8/ 7	2.0	2.3																34	34	36	53
6/ 5	2.4	1.8																33	33	44	20
4/ 3	2.5	2.0																36	36	31	38
2/ 1	1.3	1.5																22	22	24	48
0/ -1	2.9	.3																25	25	27	22
-2/ -3	2.7	.1																22	22	24	18
-4/ -5	1.7																	13	13	13	25
-6/ -7	2.3																	18	18	18	29
-8/ -9	.4																	3	3	3	19
-10/-11																					16
-12/-13																					10
-14/-15																					6
TOTAL	53.9	44.7	1.1		.3														785		785
																		785		785	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤60 F	≥70 F	≥80 F	≥93 F	Total
Rel. Hum.	5577722	65696	83.7	10.081	785							
Dry Bulb	296073	12507	15.9	11.112	785	9.3	84.2					90
Wet Bulb	277667	12049	15.3	10.875	785	9.7	85.6					90
Dew Point	222458	9236	11.8	12.047	785	16.6	87.1					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 NOV

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.	Dry Bulb	TOTAL Wet Bulb	Dew Point
38/ 37		.4																3	3	1	
36/ 35		1.3	.3															12	12	6	2
34/ 33	2.4	1.9	.3															36	36	25	24
32/ 31	1.5	3.9	.1		.1													45	45	38	23
30/ 29	1.3	1.8	.1															25	25	33	33
28/ 27	1.7	3.1		.1														38	38	43	18
26/ 25	1.1	3.8	.1															40	40	26	35
24/ 23	1.1	3.1																33	33	50	25
22/ 21	3.7	1.5																41	41	46	25
20/ 19	5.3	3.3																68	68	48	62
18/ 17	2.5	1.5																32	32	42	55
16/ 15	3.2	3.9																56	56	51	42
14/ 13	3.4	3.3																53	53	51	37
12/ 11	4.3	2.2																51	51	53	45
10/ 9	4.2	1.7																46	46	55	53
8/ 7	2.4	2.0																35	35	31	51
6/ 5	2.2	2.0																33	33	36	24
4/ 3	3.2	1.1																34	34	39	30
2/ 1	1.4	1.5																23	23	21	58
0/ -1	2.5	.1																21	21	25	29
-2/ -3	2.9	.3																25	25	24	12
-4/ -5	1.4																	11	11	13	25
-6/ -7	2.0																	16	16	16	26
-8/ -9	1.1																	9	9	9	15
-10/-11																					14
-12/-13																					9
-14/-15																					12
-16/-17																					1
-18/-19																					1
TOTAL	55.14	3.8	.9	.1	.1														786		786
																		786		786	

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.	5613715	65953	83.9	10.071	786							
Dry Bulb	293847	12427	15.8	11.137	786	9.4	84.2					90
Wet Bulb	275703	11977	15.2	10.896	786	10.0	86.1					90
Dew Point	223490	9212	11.7	12.131	786	16.5	87.0					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-81 NOV

PAGE 1 0600-0800

Temp. F		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL DB	TOTAL WB	TOTAL Dew Pt.	TOTAL Wet B.
38/	37		1.0																8	8		
36/	35	.1	.8																7	7	11	2
34/	33	1.5	1.8	.4															29	29	19	19
32/	31	1.7	3.8	.1															44	44	36	24
30/	29	1.7	1.7	.3															28	28	35	32
28/	27	1.0	3.7																37	37	27	15
26/	25	1.8	4.8																52	52	49	32
24/	23	1.4	3.2																36	36	50	29
22/	21	2.8	1.8																36	36	48	34
20/	19	4.4	3.2																60	60	49	72
18/	17	2.7	3.0	.1															46	46	39	47
16/	15	3.3	4.8																64	64	59	43
14/	13	3.8	2.0																46	46	59	46
12/	11	3.8	3.2																55	55	46	57
10/	9	2.7	1.9																36	36	49	42
8/	7	2.9	1.9																38	38	37	32
6/	5	2.3	1.7																31	31	33	26
4/	3	2.5	2.0																36	36	35	42
2/	1	1.4	1.9																26	26	28	55
0/	-1	2.4																	19	19	25	29
-2/	-3	1.4																	11	11	11	11
-4/	-5	2.2	.1																18	18	17	22
-6/	-7	1.9																	15	15	16	31
-8/	-9	.9																	7	7	7	13
-10/	-11	.3																	2	2	2	11
-12/	-13																					5
-14/	-15																					12
-16/	-17																					3
-18/	-19																					1
TOTAL		50.8	48.3	.9																787		787
																			787		787	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature <32 F	<40 F	<45 F	<50 F	<55 F	Total
Rel. Hum.	5619830.	66052.	83.9	9.844	787						
Dry Bulb	295298.	12570.	16.0	10.967	787	8.2	85.0				90
Wet Bulb	276718.	12098.	15.4	10.745	787	8.9	86.6				90
Dew Point	222473.	9353.	11.9	11.901	787	15.8	87.6				90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 NOV

STATION NAME

PAGE 1 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	31-32	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet B.	TOTAL Dew P.
40/ 39				.1														1	1		
38/ 37	.1	.9		.1														9	9	2	
36/ 35	.8	.3	.3															10	10	13	6
34/ 33	1.1	2.8	.3															33	33	16	14
32/ 31	1.9	3.0	.4															42	42	40	31
30/ 29	.9	1.5																19	19	29	21
28/ 27	2.0	3.0																40	40	33	24
26/ 25	2.4	4.9																58	58	55	33
24/ 23	1.3	2.9																33	33	53	28
22/ 21	3.1	2.9	.3															50	50	42	42
20/ 19	4.8	2.4	.1															58	58	63	72
18/ 17	2.6	4.5																57	57	42	39
16/ 15	3.5	4.0																60	60	63	45
14/ 13	2.9	1.8																37	37	44	59
12/ 11	3.5	2.3																46	46	43	64
10/ 9	2.9	2.9																46	46	47	36
8/ 7	2.5	2.1																37	37	41	33
6/ 5	2.5	1.9																35	35	39	23
4/ 3	2.4	1.8																33	33	33	41
2/ 1	1.3	2.0																26	26	27	54
0/ -1	2.3																	18	18	23	21
-2/ -3	1.6																	13	13	13	15
-4/ -5	1.5																	12	12	12	24
-6/ -7	1.1																	9	9	9	21
-8/ -9	1.0																	8	8	8	16
-10/-11	.5																	4	4	4	10
-12/-13																					7
-14/-15																					11
-16/-17																					4
TOTAL	50.6	47.9	1.3	.3															794		794
																		794		794	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤60 F	≤73 F	≤80 F	≤93 F	Total
Rel. Hum.	5651901	66565	83.8	9.490	794							
Dry Bulb	306734	13022	16.4	10.839	794	7.3	84.0					90
Wet Bulb	287754	12548	15.8	10.621	794	7.8	86.5					90
Dew Point	230694	9758	12.3	11.819	794	14.6	87.7					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 NOV

PAGE 1 1200-1400

Temp. °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
40/ 39			.1															1	1		
38/ 37	.3	.7																7	7	3	
36/ 35	1.2	1.2	.5															22	22	16	8
34/ 33	.4	2.2	.1															21	21	15	13
32/ 31	2.5	2.9	.1															42	42	43	38
30/ 29	1.2	2.0																24	24	26	18
28/ 27	2.7	2.7	.1															43	43	39	28
26/ 25	2.7	3.6																49	49	43	35
24/ 23	1.7	2.3																31	31	44	27
22/ 21	2.5	2.0	.1															35	35	40	38
20/ 19	6.8	2.5																71	71	73	43
18/ 17	2.6	4.0																51	51	36	58
16/ 15	3.3	5.1																64	64	60	48
14/ 13	2.9	2.1																38	38	47	48
12/ 11	3.5	2.0																42	42	43	53
10/ 9	2.3	2.9																40	40	38	40
8/ 7	3.5	2.1																43	43	49	45
6/ 5	3.1	1.7																37	37	37	23
4/ 3	1.7	2.1																29	29	35	42
2/ 1	2.9	.9																29	29	29	44
0/ -1	2.3																	18	18	21	23
-2/ -3	.7																	5	5	5	21
-4/ -5	1.0																	8	8	8	23
-6/ -7	1.6																	12	12	12	20
-8/ -9	.4																	3	3	3	7
-10/-11	.4																	3	3	3	11
-12/-13																					5
-14/-15																					6
-16/-17																					3
TOTAL	54.0	44.8	1.2																768		768
																		768		768	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature							Total
Rel. Hum.	5532291	64791	84.4	9.298	768								
Dry Bulb	301642	12840	16.7	10.649	768	5.7	84.0						90
Wet Bulb	284287	12409	16.2	10.452	768	6.1	86.0						90
Dew Point	228462	9796	12.8	11.617	768	13.9	87.5						90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 NOV

PAGE 1 1500-1700

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL OBS WB	TOTAL OBS DB	TOTAL WB	TOTAL DB
38/ 37		.4																3	3		
36/ 35	.9	1.4	.4															19	19	9	2
34/ 33	1.3	2.7																28	28	29	13
32/ 31	3.4	1.9	.1															38	38	39	49
30/ 29	.4	1.7	.3															17	17	15	12
28/ 27	.9	2.6																24	24	22	14
26/ 25	2.3	5.0																51	51	45	26
24/ 23	.7	1.7																17	17	[illegible]	19
22/ 21	2.4	2.0																31	31	[illegible]	29
20/ 19	5.0	6.0	.3															79	79	[illegible]	47
18/ 17	2.6	2.6																36	36	44	42
16/ 15	2.1	5.9																56	56	44	52
14/ 13	3.3	3.1																45	45	54	39
12/ 11	3.9	1.6																38	38	45	51
10/ 9	1.4	2.3																26	26	27	43
8/ 7	3.0	2.6																39	39	39	36
6/ 5	4.6	2.4																49	49	51	34
4/ 3	2.9	1.1																28	28	32	24
2/ 1	2.1	1.7																27	27	27	46
0/ -1	2.6																	18	18	21	32
-2/ -3	1.4																	10	10	10	22
-4/ -5	1.3																	9	9	9	17
-6/ -7	.7																	5	5	5	16
-8/ -9	.4																	3	3	3	13
-10/-11	.4																	3	3	3	6
-12/-13	.1																	1	1	1	8
-14/-15																					5
-16/-17																					3
TOTAL	50.1	48.7	1.1																700		700
																		700		700	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs				
Rel Hum	4987636.	58708.	83.9	9.560	700				
Dry Bulb	263133.	11313.	16.210	.718	700	6.3	83.6		90
Wet Bulb	246326.	10886.	15.610	.498	700	6.7	85.1		90
Dew Point	196983.	8863.	12.111	.667	700	15.7	88.1		90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_1170 TIN CITY AFS AK 73,77-81 NOV

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Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	TOTAL Wet Bulb	Dew Point
38/ 37		.6	.6	.2														7	7		
36/ 35	.2	.4	.6															6	6	5	
34/ 33	1.4	2.9																21	21	21	9
32/ 31	2.7	1.6	.2															22	22	22	31
30/ 29	.8	1.4	.6															14	14	14	7
28/ 27	.6	4.7																26	26	13	12
26/ 25	.6	5.2																28	28	39	13
24/ 23	1.0	3.1																20	20	26	11
22/ 21	2.9	1.9																23	23	24	29
20/ 19	6.8	5.8																61	61	49	49
18/ 17	2.3	4.9																35	35	26	30
16/ 15	3.1	5.6																42	42	44	37
14/ 13	3.5	2.9																31	31	37	36
12/ 11	4.1	1.9																29	29	35	35
10/ 9	2.5	2.5																24	24	27	26
8/ 7	1.2	3.3																22	22	16	31
6/ 5	2.1	3.3																26	26	32	18
4/ 3	2.9	.4																16	16	21	15
2/ 1	2.7	.2																14	14	14	36
0/ -1	1.2																	6	6	6	21
-2/ -3	.2																	1	1	1	19
-4/ -5	1.6																	8	8	6	5
-6/ -7	.4																	2	2	2	6
-8/ -9	.2																	1	1	1	3
-10/-11																					4
-12/-13																					2
-14/-15																					3
TOTAL	45.2	52.6	2.1	.2														485	485	485	485

Element (x)	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs.	Mean No. of Hours with Temperature [illegible] F	[illegible] F	Total
Rel. Hum.	3395416.	40342.	83.2	9.067	485			
Dry Bulb	192998.	8430.	17.4	9.799	485	3.3	83.7	93
Wet Bulb	179385.	8097.	16.7	9.557	485	3.3	85.2	90
Dew Point	137248.	6338.	13.1	10.604	485	11.7	88.3	90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 NOV

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Temp F	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	Rel Hum
40/ 39		.2															1	1		
38/ 37	.3	.5	.5														8	8	3	2
36/ 35	.2	.5	.5														7	7	4	4
34/ 33	1.3	2.6															24	24	20	7
32/ 31	2.5	2.6															31	31	30	34
30/ 29	1.0	2.3	.2														21	21	22	12
28/ 27	1.3	3.8															31	31	25	13
26/ 25	1.1	3.8															30	30	39	29
24/ 23	1.5	2.3															23	23	30	12
22/ 21	2.1	3.1															32	32	30	21
20/ 19	6.2	3.8															61	61	52	59
18/ 17	3.6	2.9															40	40	39	44
16/ 15	4.2	4.7															55	55	51	37
14/ 13	2.9	2.8															35	35	43	47
12/ 11	3.3	1.1															27	27	31	36
10/ 9	2.8	2.6															33	33	29	33
8/ 7	1.1	3.1															26	26	24	29
6/ 5	1.8	2.3															25	25	34	14
4/ 3	2.5	2.5															30	30	31	26
2/ 1	1.5	1.5															18	18	19	41
0/ -1	3.3	.3															22	22	22	13
-2/ -3	1.6																10	10	12	20
-4/ -5	1.0																6	6	6	24
-6/ -7	2.0																12	12	12	24
-8/ -9	.7																4	4	4	5
-10/-11																				9
-12/-13																				5
-14/-15																				10
TOTAL	49.7	49.2	1.1															612		612
																	612		612	

WET BULB TEMPERATURE DEPRESSION F

Element	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No Obs	Mean Number of Hours with Temperature +0 F	+32 F	+73 F	+83 F	+90 F	+93 F	Tmo
Rel Hum	4304920.	50984.	83.3	9.708	612							
Dry Bulb	233281.	9959.	16.31	0.796	612	7.9	84.1					90
Wet Bulb	218422.	9578.	15.71	0.590	612	8.2	86.0					90
Dew Point	173969.	7353.	12.01	1.838	612	16.2	68.1					90

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 NOV

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	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
40/ 39		.0	.0	.0														3	3		
38/ 37	.1	.6	.1	.0														51	51	10	2
36/ 35	.5	.9	.3															97	97	77	28
34/ 33	1.5	2.3	.2															223	223	171	120
32/ 31	2.3	2.9	.2		.1													309	309	285	269
30/ 29	1.0	1.8	.2															174	174	203	147
28/ 27	1.5	3.3	.0	.0														278	278	239	147
26/ 25	1.7	4.6	.0															361	361	347	233
24/ 23	1.2	2.5																212	212	318	169
22/ 21	2.9	2.1	.1															287	287	306	245
20/ 19	5.5	3.7	.1															527	527	452	479
18/ 17	2.6	3.2	.0															336	336	312	370
16/ 15	3.1	4.7																445	445	426	338
14/ 13	3.4	2.6																339	339	379	352
12/ 11	3.9	2.0																334	334	352	391
10/ 9	2.9	2.4																302	302	318	325
8/ 7	2.4	2.4																274	274	273	310
6/ 5	2.6	2.1																269	269	306	182
4/ 3	2.6	1.7																242	242	257	258
2/ 1	1.8	1.5																185	185	189	362
0/ -1	2.5	.1																147	147	170	190
-2/ -3	1.6	.1																97	97	100	138
-4/ -5	1.5	.0																85	85	86	165
-6/ -7	1.6																	89	89	90	173
-8/ -9	.7																	38	38	38	91
-10/-11	.2																	12	12	12	61
-12/-13	.0																	1	1	1	51
-14/-15																					65
-16/-17																					14
-18/-19																					2
TOTAL	51.5	47.2	1.2	.1	.1														5717		5717
																		5717		5717	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Rel. Hum.	40683431	479091	83.8	9.675	5717							
Dry Bulb	2183006	93068	16.3	10.810	5717	59.1	672.9					720
Wet Bulb	2046260	89642	15.7	10.587	5717	62.6	687.5					720
Dew Point	1635777	69489	12.2	11.765	5717	122.2	701.1					720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117C TIN CITY AFS AK 73-81 DEC

PAGE 1 0000-0200

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL DB	TOTAL WB	TOTAL Wet B	TOTAL Dew P
34/ 33	.1	.3																3	3	1	
32/ 31	1.0	.8	.4															17	17	10	9
30/ 29	1.6	.1																14	14	20	5
28/ 27	.6	.5																9	9	10	17
26/ 25	.5	1.0																12	12	10	7
24/ 23	.3	.8																8	8	10	4
22/ 21	.5	.1																5	5	7	11
20/ 19	1.8	1.4																25	25	17	15
18/ 17	.9	1.3																17	17	18	13
16/ 15	.6	2.3																23	23	20	14
14/ 13	1.5	1.6																25	25	25	13
12/ 11	1.9	.1																16	16	25	19
10/ 9	2.3	2.3																36	36	25	25
8/ 7	1.0	2.8																30	30	27	30
6/ 5	1.8	3.3																40	40	41	9
4/ 3	1.5	1.8																26	26	34	18
2/ 1	2.9	3.3																49	49	47	28
0/ -1	5.9	.3																49	49	55	33
-2/ -3	5.4																	43	43	45	24
-4/ -5	7.8																	62	62	62	51
-6/ -7	8.3																	66	66	66	52
-8/ -9	7.4																	59	59	59	51
-10/-11	6.4																	51	51	51	56
-12/-13	3.0																	24	24	24	39
-14/-15	4.0																	32	32	32	64
-16/-17	2.1																	17	17	17	34
-18/-19	1.8																	14	14	14	68
-20/-21	1.0																	8	8	8	31
-22/-23	1.3																	10	10	10	19
-24/-25	.6																	5	5	5	14
-26/-27	.3																	2	2	2	14
-28/-29	.3																	2	2	2	3
-30/-31																					5
-32/-33																					2

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs	Max	No. of H	Min	No. of H	Temperature					
Rel Hum															
Dry Bulb															
Wet Bulb															
Dew Point															

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 DEC

STATION STATION NAME

PAGE 2 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	31-32	TOTAL Dry B	TOTAL Wet B	TOTAL Dew B
-34/-35																				2
TOTAL	76.023.7	.4																799		799
																		799	799	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature							
Rel. Hum.	4752317.	61137.	76.5	9.649.	799								
Dry Bulb	135958.	672.	.813	.026.	799	51.7	92.7						93
Wet Bulb	130718.	450.	.612	.786.	799	52.6	92.9						93
Dew Point	177157.	-38.7	-4.914	.082	799	65.4	93.0						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	41-42	43-44	45-46	47-48	49-50	51-52	53-54	55-56	57-58	59-60	61-62	63-64	65-66	67-68	69-70	71-72	73-74	75-76	77-78	79-80	81-82	83-84	85-86	87-88	89-90	91-92	93-94	95-96	97-98	99-100	TOTAL WB	TOTAL DB	TOTAL WB	TOTAL DP
34/ 33	.1																																																			1	1	1	
32/ 31	1.0	.5	.2																																																	14	14	6	9
30/ 29	1.5	.7	.2																																																	20	20	19	2
28/ 27	1.4	.4																																																		14	14	17	18
26/ 25	.5	.5	.1																																																	9	9	10	13
24/ 23	.6	.3																																																		9	9	9	5
22/ 21	1.2	.2																																																		12	12	14	6
20/ 19	.9	.6																																																		12	12	6	26
18/ 17	.7	1.5																																																		18	18	12	3
16/ 15	1.4	1.9																																																		26	26	24	10
14/ 13	1.1	1.1																																																		18	18	23	16
12/ 11	1.1	1.0																																																		17	17	20	17
10/ 9	2.1	1.9																																																		32	32	26	23
8/ 7	1.5	2.5																																																		32	32	29	25
6/ 5	1.5	2.4																																																		31	31	37	15
4/ 3	2.1	2.9																																																		40	40	42	21
2/ 1	3.7	2.7																																																		52	52	46	33
0/ -1	5.8	.1																																																		48	48	59	28
-2/ -3	5.8																																																			47	47	48	36
-4/ -5	8.2																																																			66	66	66	48
-6/ -7	8.5																																																			68	68	68	41
-8/ -9	5.8																																																			47	47	47	63
-10/-11	4.7																																																			38	38	36	53
-12/-13	5.0																																																			40	40	40	40
-14/-15	4.7																																																			38	38	38	60
-16/-17	2.5																																																			20	20	20	31
-18/-19	.7																																																			6	6	6	67
-20/-21	.5																																																			4	4	4	47
-22/-23	2.2																																																			18	18	18	22
-24/-25	.4																																																			3	3	3	8
-26/-27																																																							14
-28/-29	.4																																																			3	3	3	6
-30/-31	.1																																																			1	1	1	2
-32/-33																																																							1

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Max. No. of Hours in the Temperature						
Rel. Hum.						< 0 F	< 32 F	< 45 F	< 50 F	< 65 F	< 70 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 DEC

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Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1	2	3-4	5-6	7-8	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	DB	TOTAL Wet Bulb	Dew Pt
-34/-35																						2
-36/-37																						1
TOTAL	78.021.4	.6																		804		804
																			804		804	

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	4806299.	61703.	76.7	9.397.	804							
Dry Bulb	137114.	612.	.8	13.045.	804	51.7	92.9					93
Wet Bulb	132031.	403.	.5	12.813.	804	53.1	92.9					93
Dew Point	178451.	-3911.	-4.9	14.090.	804	65.4	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 DEC

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Temp F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
34/ 33	.1	.4																4	4	1	
32/ 31	.7	.2																8	8	10	7
30/ 29	2.2	.4	.2															23	23	21	7
28/ 27	.6	.6	.4															13	13	6	19
26/ 25	.4	.9																10	10	12	7
24/ 23	.2	.4																5	5	10	5
22/ 21	.5	.7	.1															11	11	7	4
20/ 19	1.1	1.2																19	19	18	15
18/ 17	.9	.7																13	13	13	13
16/ 15	1.6	1.6																26	26	26	13
14/ 13	1.1	2.0																25	25	18	20
12/ 11	1.5	1.2																22	22	25	18
10/ 9	1.5	2.0																28	28	34	18
8/ 7	1.1	2.2																27	27	19	24
6/ 5	2.2	2.2																36	36	42	15
4/ 3	2.1	2.6																38	38	34	19
2/ 1	4.5	2.2																54	54	60	45
0/ -1	5.2																	42	42	46	23
-2/ -3	4.6	.2																39	39	39	38
-4/ -5	9.2																	74	74	74	48
-6/ -7	6.7																	54	54	54	37
-8/ -9	6.1																	49	49	49	50
-10/-11	6.1																	49	49	49	62
-12/-13	4.1																	33	33	33	29
-14/-15	6.3																	51	51	51	48
-16/-17	2.4																	19	19	19	55
-18/-19	.9																	7	7	7	67
-20/-21	.6																	5	5	5	36
-22/-23	1.4																	11	11	11	21
-24/-25	.7																	6	6	6	16
-26/-27	.1																	1	1	1	14
-28/-29																					6
-30/-31	.4																	3	4	3	3
-36/-37																					3

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	<90 F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72170 TIN CITY AFS AK 73-81 DEC

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Type	WET BULB TEMPERATURE DEPRESSION F	TOTAL DB WB	TOTAL DB	TOTAL Wet B	TOTAL Dew P
TOTAL	77.322.1 .7	806		805	
		805		805	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel Hum	4759861.	61355.	76.210	.195.	805							
Dry Bulb	138522.	522.	.613	.102.	806	51.2	92.5					93
Wet Bulb	131870.	332.	.412	.800.	805	51.6	92.9					93
Dew Point	181076.	-4122.	-5.118	.106.	805	68.2	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet B.	Dew P.
34/ 33		.5	.1															5	5		
32/ 31	.6	1.8																20	20	11	5
30/ 29	.7	.4																9	9	20	14
28/ 27	.9	.4	.1															11	11	12	13
26/ 25	.2	1.0	.2															12	12	9	9
24/ 23	.5	.4																7	7	12	4
22/ 21	.5	.9	.1															12	12	6	15
20/ 19	1.5	1.1	.4															24	24	23	11
18/ 17	.1	1.0																9	9	11	6
16/ 15	1.2	1.6																23	23	19	12
14/ 13	1.4	1.6																24	24	22	21
12/ 11	1.6	1.6																26	26	24	16
10/ 9	.4	1.8																18	18	21	20
8/ 7	.4	2.1																20	20	19	22
6/ 5	1.6	2.1																30	30	32	7
4/ 3	3.3	3.5																55	55	49	19
2/ 1	3.5	3.3																55	55	58	41
0/ -1	4.2	.2																36	36	46	27
-2/ -3	5.7	.4																49	49	49	29
-4/ -5	6.3	.1																52	52	53	43
-6/ -7	8.4																	68	68	69	49
-8/ -9	8.0																	65	65	65	43
-10/-11	4.7																	38	38	38	70
-12/-13	5.1																	41	41	41	29
-14/-15	4.9																	40	40	40	76
-16/-17	2.8																	23	23	23	42
-18/-19	1.4																	11	11	11	65
-20/-21	.9																	7	7	7	35
-22/-23	1.4																	11	11	11	26
-24/-25	.7																	6	6	6	17
-26/-27	.1																	1	1	1	16
-28/-29																					2
-30/-31	.4																	3	3	3	4
-36/-37																					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												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-61 DEC

STATION NAME

PAGE 2 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	32	TOTAL D.B. W.B.	D.B.	TOTAL Wet Bulb	Dew Point
TOTAL	73.225.8	1.0																		811		811	
																				811		811	

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature ≤0 F	≤32 F	≤40 F	≤60 F	≤80 F	≥90 F	Total
Rel. Hum.	4745854.	61478.	75.8	10.274.	811							
Dry Bulb	141739.	355.	.4	13.221.	811	51.7	92.4					93
Wet Bulb	135043.	95.	.1	12.911.	811	53.1	93.0					93
Dew Point	186490.	-4446.	-5.5	14.147.	811	66.1	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 DEC

PAGE 1 1200-1400

Temp F	WET BULB TEMPERATURE DEPRESSION F: 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	Dry B	TOTAL Wet B	Dew P
34/ 33		.4																3	3		
32/ 31	.8	2.3																24	24	11	6
30/ 29	1.0																	8	8	24	10
28/ 27	.8	.3																8	8	6	13
26/ 25	.3	.9																9	9	7	5
24/ 23	.4	1.2																12	12	15	5
22/ 21	1.8	1.2	.1															24	24	19	14
20/ 19	.8	1.2	.1															16	16	19	22
18/ 17	.4	.4																6	6	6	5
16/ 15	.6	1.2																14	14	11	16
14/ 13	1.2	3.1																33	33	18	10
12/ 11	1.2	1.7																22	22	31	13
10/ 9	1.3	1.4																21	21	27	10
8/ 7	1.6	2.3																30	30	23	24
6/ 5	1.2	2.1																25	25	34	14
4/ 3	2.1	2.5																35	35	31	27
2/ 1	3.0	2.9																45	45	49	27
0/ -1	6.1	.1																48	48	51	23
-2/ -3	5.1	.9																46	46	43	26
-4/ -5	6.5																	50	50	54	40
-6/ -7	9.4																	72	72	72	43
-8/ -9	7.3																	56	56	56	40
-10/-11	4.3																	33	33	33	65
-12/-13	4.2																	32	32	32	31
-14/-15	4.5																	35	35	35	59
-16/-17	3.0																	23	23	23	43
-18/-19	1.3																	10	10	10	60
-20/-21	1.3																	10	10	10	33
-22/-23	.8																	6	6	6	19
-24/-25	1.0																	8	8	8	16
-26/-27	.1																	1	1	1	10
-28/-29	.3																	2	2	2	6
-30/-31	.4																	3	3	3	7
-36/-37																					3

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
Rel. Hum						[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	[illegible] F	Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73-81 DEC

PAGE 2 1200-1400

Temp. °F	WET BULB TEMPERATURE DEPRESSION °F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	TOTAL D.B. = W.B.	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Pt.
TOTAL	73.826.0	.3																770	770	770	770

Element (X)	ΣX^2	ΣX	$\bar{X}$	σ_x	N Obs	Mean No. of Hours with Temperature												Total
Rel. Hum.	4500244.	58296.	75.710	.619	770													
Dry Bulb	140215.	577.	.713	.482	770	52.5	92.6											93
Wet Bulb	133732.	326.	.413	.180	770	53.0	93.0											93
Dew Point	181357	-4017.	-5.214	.442	770	65.7	93.0											93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 DEC

PAGE 1 1500-1700

Temp.	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	33-34	35-36	37-38	39-40	TOTAL WB	TOTAL DB	TOTAL WBP	TOTAL DBP
36/ 35			.2																			1	1		
32/ 31	1.1	2.2	.2																			22	22	11	6
30/ 29	1.0																					6	6	18	7
28/ 27	.6	.5																				7	7	5	16
26/ 25	.5	1.1	.2																			11	11	5	5
24/ 23	.8	1.3																				13	13	17	5
22/ 21	1.9	1.9																				24	24	26	9
20/ 19	1.0	1.4	.2																			16	16	12	13
18/ 17	.3	1.0																				8	8	9	13
16/ 15	1.1	1.1																				14	14	13	16
14/ 13	1.1	3.2																				27	27	17	14
12/ 11	1.4	2.4																				24	24	27	11
10/ 9	1.6	3.3																				31	31	31	10
8/ 7	1.0	2.1																				19	19	24	20
6/ 5	1.1	1.4																				16	16	19	18
4/ 3	3.2	1.7																				31	31	33	22
2/ 1	3.0	2.9																				37	37	28	25
0/ -1	4.9	.8																				36	36	43	29
-2/ -3	6.3	1.1																				47	47	49	24
-4/ -5	5.9	.3																				39	39	40	26
-6/ -7	8.9																					56	56	56	37
-8/ -9	7.3																					46	46	46	39
-10/-11	5.7																					36	36	36	51
-12/-13	1.9																					12	12	12	33
-14/-15	4.0																					25	25	25	48
-16/-17	2.9																					18	18	18	39
-18/-19	1.3																					8	8	8	40
-20/-21	.2																					1	1	1	20
-22/-23																									9
-24/-25																									17
-26/-27																									2
-28/-29																									2
TOTAL	69.7	29.6	.6																			631	631	631	631

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean Number of Hours in Temperature												
Rel. Hum.	3704482.	47874.	75.910	.711	631													
Dry Bulb	113167.	1737.	2.812	.934	631	47.8	92.9											93
Wet Bulb	104159.	1507.	2.412	.634	631	49.5	93.0											93
Dew Point	132295.	-2039.	-3.210	.126	631	61.3	93.0											93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

701170 TIN CITY AFS AK 73.77-81 DEC

PAGE 1 1600-2000

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F) 1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	D.B.	TOTAL Wet Bulb	Dew Point
36/ 35		.2																1	1		
34/ 33		.6																3	3	1	
32/ 31	1.0	1.8																14	14	9	5
30/ 29	1.2	.4																8	8	16	9
28/ 27	.8	.4																6	6	5	13
26/ 25	.4	1.8																11	11	6	3
24/ 23	.4	.2																3	3	9	4
22/ 21	1.2	2.2	.2															18	18	12	10
20/ 19	2.6	1.2																19	19	21	11
18/ 17		.6																3	3	6	15
16/ 15	2.4	2.2																23	23	16	5
14/ 13	1.6	3.6																26	26	16	17
12/ 11	2.8	1.6																22	22	34	14
10/ 9	1.8	3.2																25	25	20	17
8/ 7	.8	1.8																13	13	19	18
6/ 5	1.2	2.0																16	16	19	16
4/ 3	3.2	1.8																25	25	24	17
2/ 1	2.6	3.0																28	28	22	23
0/ -1	4.6																	23	23	32	16
-2/ -3	5.4	.2																28	28	27	17
-4/ -5	6.0	.8																34	34	31	24
-6/ -7	6.6																	33	33	37	35
-8/ -9	8.2																	41	41	41	34
-10/-11	7.0																	35	35	35	26
-12/-13	1.8																	9	9	9	22
-14/-15	3.8																	19	19	19	27
-16/-17	1.8																	9	9	9	28
-18/-19	.8																	4	4	4	45
-20/-21																					14
-22/-23																					4
-24/-25																					9
-26/-27																					1
TOTAL	70.129.7	.2																	499		499
																		499		499	

Element (X)	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature							
Rel. Hum.	3021344	38486	77.110	.322	499								
Dry Bulb	90847	1863	3.712	.979	499	43.8	92.3						93
Wet Bulb	85935	1681	3.412	.696	499	45.5	92.8						93
Dew Point	102290	-952	-1.914	.204	499	56.3	93.0						93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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PAGE 1 2100-2300

WET BULB TEMPERATURE DEPRESSION F

Temp F	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL D.B. W.B.	TOTAL D.B.	TOTAL Wet B	TOTAL Dew P
36/ 35		.2																1	1		
34/ 33		.6																4	4	1	
32/ 31	1.1	1.2																15	15	11	8
30/ 29	.6	.3	.5															9	9	14	9
28/ 27	1.1	.3																9	9	7	10
26/ 25	.9	1.1	.2															14	14	12	7
24/ 23	.5	.6																7	7	13	6
22/ 21	1.2	.6																12	12	12	7
20/ 19	1.7	1.7																22	22	16	18
18/ 17	1.1	1.1																14	14	14	15
16/ 15	.8	2.0																18	18	14	11
14/ 13	1.5	1.8																22	22	22	13
12/ 11	2.0	1.2																21	21	25	17
10/ 9	1.2	3.2																29	29	19	16
8/ 7	1.4	2.2																23	23	30	26
6/ 5	1.7	1.7																22	22	28	5
4/ 3	2.6	2.6																34	34	33	19
2/ 1	3.5	3.2																44	44	41	34
0/ -1	5.5	.2																37	37	44	29
-2/ -3	3.2	.3																23	23	22	27
-4/ -5	7.4	.2																49	49	50	33
-6/ -7	7.1																	46	46	47	27
-8/ -9	10.0																	65	65	65	43
-10/-11	5.1																	33	33	33	38
-12/-13	3.1																	20	20	20	30
-14/-15	3.9																	25	25	25	60
-16/-17	1.8																	12	12	12	32
-18/-19	.6																	4	4	4	51
-20/-21	1.1																	7	7	7	22
-22/-23	.8																	5	5	5	14
-24/-25	.2																	1	1	1	7
-26/-27	.3																	2	2	2	8
-28/-29																					3
-30/-31																					2

Element X	$\Sigma_{X'}$	Σ_X	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						
						≤0 F	≤32 F	≤67 F	≤73 F	≤80 F	≤92 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

70117D TIN CITY AFS AK 73-61 DEC

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Temp F	WET BULB TEMPERATURE DEPRESSION (F) 0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	>31	TOTAL D.B. W.B.	TOTAL D.B. Wet B.	TOTAL Dew Point
-32/-33																					2
TOTAL	73.	026.	3.	.6.															649.		649
																			649	649	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_X	No. Obs.	Mean No. of Hours with Temperature <0 F	<32 F	<47 F	<73 F	<85 F	<93 F	Total
Rel. Hum.	3854965.	49591.	76.410	.065.	649							
Dry Bulb	114572.	1424.	2.213	.114.	649	47.1.	92.3.					93
Wet Bulb	109158.	1216.	1.912	.843.	649	48.3.	92.9.					93
Dew Point	140896.	-2330.	-3.618	.301.	649	61.3.	93.0					93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

72117Q TIN CITY AFS AK 73-81 DEC

PAGE 1 ALL

Temp F	0	1	2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31-32	TOTAL Dry Bulb	TOTAL Wet Bulb	TOTAL Dew Point	
36/ 35			.0	.0															3	3		
34/ 33		.1	.3	.0															23	23	5	
32/ 31		.9	1.3	.1															134	134	81	55
30/ 29		1.3	.3	.1															97	97	152	63
28/ 27		.8	.4	.1															77	77	70	124
26/ 25		.5	1.0	.1															88	88	71	56
24/ 23		.5	.7																64	64	95	38
22/ 21		1.1	.9	.1															118	118	103	76
20/ 19		1.4	1.2	.1															153	153	134	136
18/ 17		.6	1.0																88	88	89	83
16/ 15		1.2	1.7																167	167	143	97
14/ 13		1.3	2.2																200	200	161	124
12/ 11		1.6	1.3																170	170	211	125
10/ 9		1.5	2.3																220	220	203	139
8/ 7		1.1	2.3																194	194	190	189
6/ 5		1.6	2.2																216	216	252	99
4/ 3		2.5	2.5																284	284	280	162
2/ 1		3.4	2.9																364	364	351	253
0/ -1		5.3	.2																319	319	376	208
-2/ -3		5.2	.4																322	327	322	223
-4/ -5		7.2	.1																426	426	430	313
-6/ -7		8.0																	463	463	471	321
-8/ -9		7.4																	428	428	428	363
-10/-11		5.4																	313	313	313	441
-12/-13		3.7																	211	211	211	253
-14/-15		4.6																	265	265	265	442
-16/-17		2.4																	141	141	141	304
-18/-19		1.1																	64	64	64	456
-20/-21		.7																	42	42	42	238
-22/-23		1.1																	61	61	61	134
-24/-25		.5																	29	29	29	104
-26/-27		.1																	7	7	7	79
-28/-29		.1																	7	7	7	28
-30/-31		.2																	10	11	10	23

WET BULB TEMPERATURE DEPRESSION (F)

Element X	$\Sigma x'$	Σx	$\bar{x}$	σ_x	No. Obs	Max	Min	Mean	Mean Max	Mean Min	Range	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7_1170 TIN CITY AFS AK 73-81 DEC

PAGE 2 ALL

Temp. F	WET BULB TEMPERATURE DEPRESSION F	TOTAL O.B. W.B.	TOTAL Dry B	TOTAL Wet B	TOTAL Dew P
-32/-33					5
-34/-35					4
-36/-37					13
TOTAL	74.225.2 .6		5769		5768
		5768		5766	

Element X	Σx^2	Σx	$\bar{x}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	34145366.	439920.	76.3	10.141.	5768							
Dry Bulb	1009134.	7762.	1.3	13.158.	5769	401.0	740.6					744
Wet Bulb	962646.	6010.	1.0	12.878.	5768	409.8	743.4					744
Dew Point	1280012.	-25704.	-4.5	14.216.	5768	509.4	744.0					744

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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Temp. F	WET BULB TEMPERATURE DEPRESSION F 0	1-2	3	4	5-6	7-8	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 Pt	TOTAL Wet Bulb	Dew Point
70/ 69					.0	.0	.0	.0																	9	9			
68/ 67					.0	.0	.0	.0																	27	27			
66/ 65		.0	.0		.0	.0	.0	.0																	44	44			
64/ 63		.0	.0		.0	.0	.0	.0																	75	75	4	1	
62/ 61		.0	.0		.0	.0	.0	.0																	71	71	14		
60/ 59	.0	.0	.1		.1	.0	.0																		182	182	62	7	
58/ 57	.0	.1	.2		.1	.0	.0	.0																	294	294	99	27	
56/ 55	.0	.3	.2		.2	.0	.0																		547	547	252	119	
54/ 53	.1	.6	.3		.1	.0	.0																		758	758	547	334	
52/ 51	.1	.7	.4		.1	.0																			926	926	809	537	
50/ 49	.3	1.3	.5		.1	.0																			1511	1511	1159	900	
48/ 47	.6	2.0	.5		.1	.0																			2269	2269	1901	1566	
46/ 45	.7	2.2	.6		.1	.0																			2497	2497	2507	2031	
44/ 43	.8	2.4	.6		.1	.0																			2777	2777	2506	2402	
42/ 41	.9	2.2	.6		.0	.0																			2677	2677	2943	2279	
40/ 39	1.1	1.9	.6		.0																				2501	2501	2657	2753	
38/ 37	.8	1.9	.4		.0																				2208	2208	2379	2401	
36/ 35	.8	2.1	.4		.0																				2348	2348	2306	2297	
34/ 33	1.2	2.7	.3		.0																				2973	2973	2829	2491	
32/ 31	1.8	3.9	.3		.0	.0																			4222	4222	3509	3766	
30/ 29	1.4	2.2	.3																						2710	2710	3556	2747	
28/ 27	1.4	2.2	.1		.0																				2548	2548	2841	2641	
26/ 25	.8	2.3	.1																						2231	2231	2491	2628	
24/ 23	.7	1.2	.0		.0																				1307	1307	1996	1498	
22/ 21	1.2	1.0	.0																						1537	1537	1569	2050	
20/ 19	1.7	1.6	.0																						2326	2326	2035	2421	
18/ 17	.9	1.4	.0																						1595	1595	1576	1814	
16/ 15	.8	1.6	.0																						1716	1716	1650	1584	
14/ 13	.9	1.4	.0																						1557	1557	1478	1491	
12/ 11	.9	1.1	.0																						1385	1385	1509	1494	
10/ 9	.7	1.4	.0																						1506	1506	1546	1326	
8/ 7	.6	1.5	.0																						1467	1467	1444	1291	
6/ 5	.9	1.2																							1464	1464	1758	868	
4/ 3	1.0	1.4																							1635	1635	1708	1167	

Element X	ΣX^2	ΣX	$\bar{X}$	σ_x	No. Obs.	Mean No. of Hours with Temperature						
Ref. Hour												Total
Dry Bulb												
Wet Bulb												
Dew Point												

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

721170 TIN CITY AFS AK 73-81 ALL

PAGE 2 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.	D.B.	TOTAL Wet B.	Dew P.
2/ 1	1.3	1.4																1914	1914	1764	1869
0/ -1	2.1	.2																1535	1535	1641	1346
-2/ -3	2.0	.2																1524	1524	1565	1333
-4/ -5	2.0	.1																1468	1468	1460	1651
-6/ -7	2.0	.0																1385	1385	1456	1613
-8/ -9	2.0																	1394	1394	1394	1602
-10/-11	1.8																	1289	1291	1289	1509
-12/-13	1.3																	926	926	926	878
-14/-15	1.5																	1061	1067	1061	1324
-16/-17	1.2																	827	839	827	1197
-18/-19	.9																	629	637	629	1425
-20/-21	.8																	537	542	537	971
-22/-23	.7																	474	476	474	741
-24/-25	.5																	379	382	379	697
-26/-27	.3																	188	188	188	556
-28/-29	.2																	116	119	116	443
-30/-31	.1																	76	78	76	412
-32/-33	.1																	40	43	40	335
-34/-35	.1																	40	70	40	262
-36/-37	.0																	7	32	7	170
-38/-39																					118
-40/-41																					101
-42/-43																					32
-44/-45																					44
-46/-47																					30
-48/-49																					28
-50/-51																					26
-52/-53																					12
-54/-55																					7
-56/-57																					12
-58/-59																					8
-60/-61																					6
TOTAL	43.9	47.8	6.7	1.2	.3	.1	.0												69810		69709
																		69709		69709	

Element X	$\Sigma X'$	ΣX	$\bar{X}$	σ_x	No. Obs	Mean No. of Hours with Temperature						Total
Rel. Hum.	475307417.	5689809.	81.6	12.500.	69709							
Dry Bulb	62202668.	1489776.	21.3	20.872.	69810	1760.7	5635.3	4.7				8760
Wet Bulb	57669630.	1427960.	20.5	20.191.	69709	1806.5	5848.3					8760
Dew Point	54474087.	1155973.	16.6	22.505.	69709	2381.4	6200.6					8760

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

7[illegible]17[illegible] TIN CITY AFS AK 73-81

		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN AL
-0[illegible]	MEAN	5.3	-4.1	-1.2	8.6	25.5	35.7	43.8	45.8	39.3	27.3	15.9	.8	2[illegible].4
		16.358	16.258	15.527	12.466	7.380	5.118	5.544	5.034	5.524	6.[illegible]24	11.112	13.[illegible]26	2[illegible].563
	TOTAL OBS	756	728	81[illegible]	798	821	758	784	811	779	813	785	799	9454
-[illegible]	MEAN	4.6	-3.9	-2.0	8.1	25.0	35.7	43.6	45.5	39.1	27.1	15.8	.8	2[illegible].1
		16.413	16.509	15.699	12.827	7.646	5.411	5.642	5.081	5.693	6.805	11.137	13.[illegible]45	20.686
	TOTAL OBS	8[illegible]1	756	815	798	834	783	804	815	783	814	786	8[illegible]4	9593
[illegible]-0[illegible]	MEAN	4.[illegible]	-3.9	-2.2	6.4	25.5	37.[illegible]	44.9	46.3	39.4	27.2	16.[illegible]	.6	[illegible].4
		16.45[illegible]	16.657	15.676	13.178	7.827	6.051	6.127	5.334	5.326	6.596	10.967	13.1[illegible]2	21.[illegible]85
	TOTAL OBS	8[illegible]6	755	820	798	834	788	806	817	782	813	787	8[illegible]6	9612
-11	MEAN	5.[illegible]	-3.5	-1.1	10.0	27.0	38.9	4[illegible].1	47.8	41.1	28.[illegible]	16.4	.4	21.5
		16.523	16.517	15.232	13.048	7.826	6.587	6.930	5.556	5.989	6.569	10.[illegible]39	13.221	21.561
	TOTAL OBS	81[illegible]	753	821	797	836	792	808	816	785	812	794	811	9635
1[illegible]-14	MEAN	5.0	-2.5	.4	11.8	28.3	39.7	48.1	48.6	42.3	28.9	16.7	.7	22.5
		16.459	16.296	14.952	12.424	7.428	6.554	7.166	5.503	6.125	6.726	10.649	13.482	21.54[illegible]
	TOTAL OBS	766	738	800	792	834	782	790	798	744	779	768	770	9361
1[illegible]-17	MEAN	6.5	-2.0	1.3	13.8	28.6	39.5	47.7	48.1	41.9	28.2	16.2	2.8	22.6
		16.514	16.143	14.516	11.664	6.906	6.407	6.879	5.352	5.736	6.76[illegible]	10.718	12.934	20.595
	TOTAL OBS	58[illegible]	646	7[illegible]5	675	806	635	604	644	619	689	700	631	7934
[illegible]-2[illegible]	MEAN	6.9	-.7	1.1	13.4	27.8	39.3	46.6	47.0	40.2	28.4	17.4	3.7	22.8
		16.292	15.921	13.674	11.027	6.553	6.130	6.250	5.408	5.567	6.139	9.799	12.979	19.89[illegible]
	TOTAL OBS	471	483	598	544	702	511	479	563	545	502	485	499	6382
1-23	MEAN	5.8	-3.4	-.4	10.6	26.7	37.2	45.2	46.0	39.3	27.7	16.3	2.2	21.2
		15.903	16.355	14.880	12.016	6.664	5.582	5.712	5.127	5.445	6.555	10.796	13.114	20.375
	TOTAL OBS	6[illegible]4	583	733	684	726	610	618	694	675	651	612	649	7839
[illegible] HOURS	MEAN	5.4	-3.1	-.6	10.4	26.8	37.8	45.8	46.9	40.3	27.8	16.3	1.3	21.3
		16.383	16.347	15.093	12.581	7.449	6.201	6.523	5.414	5.877	6.672	10.810	13.158	20.672
	TOTAL OBS	5606	5442	6102	5886	6393	5659	5693	5958	5712	5873	5717	5769	6981[illegible]

USAFETAC FORM [illegible] 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

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MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

70.170 TIN CITY AFS AK 73-81

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN A
-02	MEAN	4.0	-4.4	-1.1	7.9	24.5	34.6	42.6	44.5	36.1	26.4	15.3	.6	19.6
	S.D.	15.73515	.87214	.96312	.873	6.989	4.502	4.953	4.998	5.488	6.54510	.37512	.786	20.028
	TOTAL OBS.	767	725	800	798	821	758	784	811	779	813	785	799	9400
-05	MEAN	4.5	-4.0	-1.7	7.4	24.0	34.6	42.4	44.3	37.9	26.2	15.2	.5	19.4
	S.D.	15.99816	.07515	.07612	.440	7.186	4.708	4.995	4.988	5.603	6.53610	.69612	.813	20.109
	TOTAL OBS.	799	752	799	798	834	783	804	815	783	814	786	804	9571
-08	MEAN	4.5	-4.1	-2.0	7.7	24.4	35.7	43.4	44.9	38.1	26.3	15.4	.4	19.7
	S.D.	16.09416	.16314	.96112	.759	7.302	5.092	5.186	5.044	5.652	6.34110	.74512	.870	20.410
	TOTAL OBS.	800	750	803	798	834	783	806	817	782	813	787	805	9589
-11	MEAN	4.7	-3.7	-1.1	9.2	25.7	37.2	45.0	46.2	39.4	27.5	15.8	.1	20.6
	S.D.	16.16116	.02014	.63612	.544	7.267	5.377	5.539	5.110	5.630	6.22310	.62112	.911	20.753
	TOTAL OBS.	800	748	811	797	830	792	806	816	785	812	794	811	9618
-14	MEAN	4.7	-3.0	.2	10.8	26.9	37.8	45.8	46.7	40.4	27.7	16.2	.4	21.4
	S.D.	16.14015	.94814	.48911	.907	6.902	5.257	5.497	5.033	5.654	6.31710	.45213	.185	20.713
	TOTAL OBS.	764	738	797	792	834	782	790	798	744	779	768	770	9356
-17	MEAN	6.2	-2.4	1.1	12.8	27.3	37.7	45.5	46.4	40.2	27.1	15.6	2.4	21.5
	S.D.	16.14715	.80514	.05911	.280	6.441	5.234	5.444	5.058	5.424	6.36410	.49812	.634	19.849
	TOTAL OBS.	570	646	699	675	806	635	604	644	619	689	700	631	7926
-20	MEAN	6.0	-1.0	.7	12.5	26.7	37.6	44.8	45.4	38.8	27.4	16.7	3.4	21.9
	S.D.	15.94715	.38713	.25010	.792	6.132	5.099	5.214	5.260	5.477	5.826	9.55712	.696	19.261
	TOTAL OBS.	471	481	596	544	702	511	479	563	545	502	485	499	6378
-23	MEAN	5.4	-3.6	-.5	9.8	25.7	35.6	43.7	44.7	38.0	26.8	15.7	1.9	20.4
	S.D.	15.50815	.91514	.37211	.696	6.478	4.744	5.009	5.093	5.464	6.19410	.59012	.843	19.810
	TOTAL OBS.	603	590	729	684	726	610	618	694	675	651	612	649	7831
ALL HOURS	MEAN	5.0	-3.4	-.6	9.6	25.6	36.3	44.1	45.4	38.8	26.8	15.7	1.0	20.5
	S.D.	16.01015	.91614	.54112	.165	6.964	5.170	5.384	5.142	5.636	6.34010	.56712	.878	20.191
	TOTAL OBS.	5596	5420	6034	5886	6393	5652	5693	5958	5712	5873	5717	5768	69709

USAFETAC FORM 0-89 5 (OLA)

1 GLOBAL CLIMATOLOGY BRANCH
2 USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

[illegible] TIN CITY AFS AK 73-81

[illegible]		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	-.5	-10.8	-7.8	2.2	21.5	33.0	41.3	43.2	36.4	23.7	11.6	-4.9	15.9
-07		18.354	19.771	19.423	13.664	7.692	4.436	4.991	5.485	6.109	7.171	12.047	14.90[illegible]	22.386
	TOTAL OBS	767	725	8[illegible]0	798	821	758	784	811	779	813	785	799	9441
	MEAN	-1.5	-10.6	-8.4	1.0	20.9	32.9	41.0	43.0	36.2	23.5	11.7	-4.9	15.6
-05		18.048	20.091	19.693	14.094	7.829	4.559	4.974	5.402	6.200	7.149	12.131	14.917	22.525
	TOTAL OBS	799	752	799	798	834	783	804	815	783	814	786	804	9571
	MEAN	-1.5	-10.7	-9.0	1.9	21.2	33.7	41.9	43.6	36.3	23.7	11.9	-5.1	15.8
-08		19.192	20.238	20.145	14.416	7.890	4.794	5.002	5.378	6.191	7.022	11.901	15.[illegible]07	22.065
	TOTAL OBS	8[illegible]6	750	803	798	834	788	806	817	782	813	787	8[illegible]5	9589
	MEAN	-1.2	-10.4	-8.1	3.1	22.2	34.9	43.1	44.6	37.2	24.1	12.3	-5.5	16.[illegible]
-11		19.266	19.977	19.699	14.281	7.995	4.938	5.102	5.486	6.038	6.824	11.819	15.173	23.[illegible]83
	TOTAL OBS	8[illegible]8	748	811	797	836	792	808	816	785	812	794	811	7618
	MEAN	-1.2	-9.6	-6.8	4.8	23.5	35.5	43.6	45.0	36.0	24.6	12.8	-5.2	17.3
1[illegible]-14		19.385	19.684	18.065	13.625	7.623	4.824	4.957	5.434	6.[illegible]04	6.849	11.617	15.357	22.959
	TOTAL OBS	764	738	797	792	834	782	790	798	744	779	768	77[illegible]	9356
	MEAN	.3	-8.9	-5.9	7.1	24.0	35.3	43.5	44.7	36.1	24.2	12.1	-3.2	17.5
[illegible]-17		18.961	19.381	17.859	13.042	7.181	4.630	5.010	5.522	5.778	6.900	11.667	14.491	22.[illegible]36
	TOTAL OBS	576	646	699	675	806	635	604	644	619	689	700	631	7926
	MEAN	1.9	-7.4	-6.6	7.3	23.7	35.4	43.0	43.8	37.0	24.6	13.1	-1.9	18.1
-20		17.633	18.546	17.947	12.621	6.784	4.643	5.034	5.757	5.913	6.378	10.604	14.332	21.483
	TOTAL OBS	471	481	596	544	702	511	479	563	545	502	485	499	6378
	MEAN	.3	-9.6	-7.6	4.4	22.8	34.0	42.2	43.4	36.1	24.0	12.0	-3.6	16.7
1-23		17.299	19.164	19.039	13.401	7.177	4.442	4.947	5.624	6.160	6.739	11.838	14.746	22.071
	TOTAL OBS	603	580	729	684	726	610	618	694	675	651	612	649	7831
	MEAN	-.6	-9.9	-7.6	3.8	22.4	34.3	42.4	43.9	36.9	24.0	12.2	-4.5	16.6
ALL HRS		18.732	19.670	19.149	13.858	7.632	4.799	5.090	5.542	6.101	6.922	11.765	14.898	22.505
	TOTAL OBS	5596	5420	6034	5886	6393	5659	5693	5958	5712	5873	5717	5768	69735

USAFETAC FORM 0 89 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70170 TIN CITY AFS AK 73-81 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
JAN	00-02	100.0	99.9	99.0	97.9	97.1	91.1	72.1	36.8	9.3	75.8	767
	03-05	100.0	99.6	97.9	96.4	95.6	90.2	73.6	35.7	9.9	75.5	799
	06-08	100.0	99.3	97.5	96.3	94.4	89.6	70.8	36.4	11.5	75.1	806
	09-11	100.0	99.5	97.8	95.8	94.9	90.0	72.4	37.0	13.2	75.4	678
	12-14	100.0	99.5	98.0	95.8	94.6	87.8	70.7	39.3	15.7	75.6	764
	15-17	100.0	99.6	98.6	97.2	95.3	90.8	77.2	43.8	16.1	77.2	578
	18-20	100.0	100.0	100.0	100.0	100.0	96.6	82.0	43.9	16.1	79.[illegible]	471
	21-23	100.0	100.0	100.0	100.0	99.5	94.7	75.0	39.5	11.3	77.4	673
TOTALS		100.0	99.7	98.6	97.4	96.4	91.4	74.2	39.1	12.9	76.4	5596

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70170 STATION — TIN CITY AFS AK STATION NAME — 73-81 PERIOD — FEB MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
FEB	00-02	100.0	99.3	98.3	97.7	95.9	87.4	66.5	22.1	6.6	72.9	725
	03-05	99.9	99.3	98.1	97.1	95.2	86.8	64.8	22.6	7.4	72.5	752
	06-08	100.0	99.3	98.5	97.5	95.1	85.5	63.1	22.9	5.5	72.2	75[illegible]
	09-11	100.0	99.3	98.8	97.6	95.5	85.8	61.0	21.5	4.9	71.8	748
	12-14	100.0	99.3	98.9	97.7	96.3	85.2	61.1	21.3	6.0	71.8	738
	15-17	100.0	99.5	98.6	97.2	95.5	86.2	61.8	23.5	7.4	72.4	646
	18-20	100.0	99.6	99.2	98.5	96.7	84.6	61.5	24.5	9.1	72.7	481
	21-23	100.0	100.0	100.0	100.0	98.4	89.1	67.8	22.8	7.6	74.0	58[illegible]
TOTALS		100.0	99.5	98.8	97.9	96.1	86.3	63.5	22.7	6.8	72.5	5420

USAFETAC FORM 0-87-5 (OL A) JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 .170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — PERIOD
MAR — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAR	00-02	99.8	98.6	96.1	94.6	93.0	88.1	68.6	27.6	8.8	72.9	800
	03-05	99.7	98.7	96.2	94.6	92.2	89.0	68.5	25.2	7.9	72.8	799
	06-08	99.6	97.4	95.5	93.8	91.9	87.9	67.0	24.9	9.2	72.2	873
	09-11	99.1	98.5	96.1	93.7	91.1	86.3	63.9	23.8	10.1	71.9	811
	12-14	99.4	98.4	96.9	94.0	91.8	85.9	64.5	23.8	9.8	72.0	797
	15-17	99.9	99.4	97.1	94.1	91.0	85.1	64.8	23.3	7.7	71.8	699
	18-20	99.8	98.0	95.5	91.9	89.3	84.6	67.1	22.1	4.9	71.0	796
	21-23	99.7	97.9	96.0	93.4	91.6	87.8	67.1	24.3	7.7	72.0	729
	TOTALS	99.6	98.4	96.2	93.8	91.5	86.8	66.4	24.4	8.3	72.1	6034

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (PERIOD) APR (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
APR	00-02	100.0	100.0	100.0	99.4	98.5	92.7	68.9	27.1	9.4	74.9	798
	03-05	100.0	100.0	99.9	99.0	97.9	91.7	67.7	27.3	9.8	74.8	796
	06-08	100.0	100.0	100.0	99.4	98.6	91.4	65.8	27.4	9.4	74.6	798
	09-11	100.0	100.0	99.9	99.4	97.6	88.2	60.4	27.7	8.3	73.7	797
	12-14	100.0	100.0	99.7	99.2	97.2	88.0	62.1	25.0	8.2	73.6	792
	15-17	100.0	100.0	99.7	99.7	97.8	91.3	65.8	28.3	10.8	75.0	675
	18-20	100.0	100.0	100.0	100.0	99.4	92.5	69.3	33.3	13.1	76.4	544
	21-23	100.0	100.0	100.0	99.4	98.8	92.0	70.6	30.3	11.1	76.[illegible]	684
TOTALS		100.0	100.0	99.9	99.4	98.2	91.0	66.3	28.3	10.0	74.9	5886

USAFETAC FORM 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

STATION	STATION NAME	PERIOD	MONTH
70317	TIN CITY AFS AK	73-81	MAY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
MAY	00-02	100.0	100.0	100.0	100.0	100.0	98.7	91.8	72.8	34.2	85.[illegible]	821
	03-05	100.0	100.0	100.0	100.0	100.0	99.0	92.2	69.7	32.4	84.6	834
	6-08	100.0	100.0	100.0	100.0	99.9	98.9	89.2	66.5	31.4	83.8	834
	09-11	100.0	100.0	100.0	100.0	99.8	98.1	86.1	63.5	25.2	82.6	836
	12-14	100.0	100.0	100.0	100.0	100.0	98.3	86.6	62.5	25.1	82.4	834
	15-17	100.0	100.0	100.0	100.0	99.9	98.6	88.7	65.6	24.9	83.1	836
	18-20	100.0	100.0	100.0	100.0	100.0	99.3	91.9	71.1	32.1	84.7	732
	21-23	100.0	100.0	100.0	100.0	100.0	99.7	93.0	74.2	33.9	85.4	726
TOTALS		100.0	100.0	100.0	100.0	100.0	98.8	89.9	68.2	29.9	84.0	6393

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70 170 STATION — TIN CITY AFS AK STATION NAME — 73-81 PERIOD — JUN MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
JUN	03-05	100.0	100.0	100.0	100.0	100.0	99.2	97.0	83.4	55.5	89.9	758
	03-05	100.0	100.0	100.0	100.0	100.0	99.2	94.6	85.3	59.3	90.1	783
	06-08	100.0	100.0	100.0	100.0	99.4	98.0	92.5	80.8	51.4	88.5	789
	09-11	100.0	100.0	100.0	100.0	99.0	96.6	90.3	72.7	41.3	86.4	792
	12-14	100.0	100.0	100.0	100.0	98.7	97.1	87.0	71.4	40.0	85.3	782
	15-17	100.0	100.0	100.0	100.0	99.2	97.5	87.9	73.5	37.3	85.8	635
	18-20	100.0	100.0	100.0	100.0	99.6	98.8	89.0	76.9	47.5	86.8	511
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	94.4	79.2	48.2	88.8	610
	TOTALS	100.0	100.0	100.0	100.0	99.5	98.2	91.6	77.9	46.7	87.6	5659

USAFETAC FORM JUL 64 0-87-5 (OL A)

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 117. TIN CITY AFS AK — 73-81 — JUL

STATION — STATION NAME — PERIOD — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
JUL	00-02	100.0	100.0	100.0	100.0	100.0	99.5	96.7	86.9	61.1	91.2	784
	03-05	100.0	100.0	100.0	100.0	99.9	99.6	96.3	85.3	62.3	90.9	804
	06-08	100.0	100.0	100.0	100.0	100.0	98.5	94.8	80.5	56.3	89.6	676
	09-11	100.0	100.0	100.0	100.0	99.4	97.0	90.2	69.6	47.0	86.8	678
	12-14	100.0	100.0	100.0	100.0	98.1	94.8	87.3	67.3	43.2	85.4	79[illegible]
	15-17	100.0	100.0	100.0	100.0	98.8	96.2	88.9	70.7	49.3	86.4	674
	18-20	100.0	100.0	100.0	99.8	99.6	98.3	93.9	75.2	50.7	87.8	479
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	96.3	82.7	55.5	89.6	618
TOTALS		100.0	100.0	100.0	100.0	99.5	98.0	93.1	77.3	53.2	88.5	5693

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 (172) TIN CITY AFS AK 73-81 AUG
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20	30	40	50	60	70	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
AUG	00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.4	89.3	55.5	90.8	611
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.5	89.1	58.7	91.2	615
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.9	86.8	56.2	91.4	617
	09-11	100.0	100.0	100.0	99.9	99.6	98.7	96.1	81.1	49.6	88.9	616
	12-14	100.0	100.0	100.0	100.0	99.5	99.0	94.5	75.9	43.9	87.7	798
	15-17	100.0	100.0	100.0	100.0	100.0	99.1	96.4	78.7	43.8	88.1	644
	18-20	100.0	100.0	100.0	100.0	100.0	99.8	97.7	84.2	44.8	88.8	563
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	99.6	88.9	56.3	90.5	694
TOTALS		100.0	100.0	100.0	100.0	99.9	99.6	97.6	84.3	51.1	89.6	5958

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

70170 TIN CITY AFS AK 73-81 SEP
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
SEP	00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.1	89.5	49.8	89.2	779
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	88.3	50.7	89.5	783
	06-08	100.0	100.0	100.0	100.0	100.0	99.5	97.6	88.0	48.0	88.9	782
	09-11	100.0	100.0	100.0	100.0	100.0	99.1	94.9	76.4	34.9	86.2	785
	12-14	100.0	100.0	100.0	100.0	100.0	98.8	92.9	70.7	28.6	84.9	744
	15-17	100.0	100.0	100.0	100.0	100.0	99.7	94.7	79.5	30.2	86.3	619
	18-20	100.0	100.0	100.0	100.0	100.0	100.0	98.7	88.3	39.1	88.0	545
	21-23	100.0	100.0	100.0	100.0	99.9	99.9	98.4	89.2	44.6	88.6	675
TOTALS		100.0	100.0	100.0	100.0	100.0	99.6	96.6	83.7	40.7	87.7	5712

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 4170 (STATION) TIN CITY AFS AK (STATION NAME) 73-81 (PERIOD) OCT (MONTH)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
OCT	00-02	100.0	100.0	100.0	100.0	100.0	99.6	96.4	81.5	34.3	86.4	613
	03-05	100.0	100.0	100.0	100.0	100.0	99.5	96.6	81.3	35.6	86.5	614
	06-08	100.0	100.0	100.0	100.0	100.0	99.9	97.3	81.8	35.3	86.7	613
	09-11	100.0	100.0	100.0	100.0	100.0	99.8	96.6	75.1	28.6	85.1	612
	12-14	100.0	100.0	100.0	100.0	100.0	99.6	95.3	75.1	26.2	84.8	779
	15-17	100.0	100.0	100.0	100.0	100.0	99.6	94.9	77.4	25.5	85.0	689
	18-20	100.0	100.0	100.0	100.0	100.0	99.4	97.2	81.7	27.9	85.7	572
	21-23	100.0	100.0	100.0	100.0	100.0	99.2	97.2	83.3	28.1	86.0	651
TOTALS		100.0	100.0	100.0	100.0	100.0	99.6	96.4	79.7	30.3	85.8	5873

USAFETAC FORM 101 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 1170 TIN CITY AFS AK 73-84 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10	20%	30%	40%	50%	60%	70%	80	90	MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
NOV	00-02	100.0	100.0	100.0	99.7	99.4	98.5	90.3	64.5	28.4	83.7	785
	03-05	100.0	100.0	100.0	99.9	99.4	98.2	89.1	67.6	27.2	83.9	786
	06-08	100.0	100.0	100.0	100.0	99.6	98.7	90.2	67.0	30.2	83.9	787
	09-11	100.0	100.0	100.0	100.0	99.6	98.6	92.1	64.2	27.7	83.8	794
	12-14	100.0	100.0	100.0	100.0	99.6	99.5	92.7	65.0	29.7	84.4	768
	15-17	100.0	100.0	100.0	100.0	100.0	98.7	90.4	65.6	27.3	83.9	700
	18-20	100.0	100.0	100.0	100.0	100.0	99.4	89.7	59.4	26.6	83.2	485
	21-23	100.0	100.0	100.0	99.8	99.8	99.0	89.1	63.7	28.4	83.3	612
TOTALS		100.0	100.0	100.0	99.9	99.7	98.8	90.5	64.6	28.2	83.8	5717

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 17 TIN CITY AFS AK 73-81 DEC
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		
DEC	00-02	100.0	100.0	100.0	100.0	99.1	93.9	73.7	36.5	9.5	76.5	799
	03-05	100.0	100.0	100.0	99.9	99.4	96.0	73.8	36.9	9.3	76.7	8[illegible]4
	06-08	100.0	100.0	100.0	99.6	98.8	94.2	71.1	35.9	8.6	76.2	8[illegible]5
	09-11	100.0	100.0	100.0	99.8	98.2	92.7	70.8	32.9	7.4	75.8	811
	12-14	100.0	100.0	100.0	100.0	98.6	91.4	68.3	36.4	8.2	75.7	77[illegible]
	15-17	100.0	100.0	100.0	99.5	98.7	91.1	69.9	37.1	9.2	75.9	631
	18-20	100.0	100.0	100.0	100.0	99.2	92.2	72.9	40.1	11.0	77.1	499
	21-23	100.0	100.0	100.0	100.0	99.4	93.4	70.9	36.4	10.0	76.4	649
TOTALS		100.0	100.0	100.0	99.9	98.9	93.1	71.4	36.5	9.2	76.3	5768

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

7 2170 — STATION
TIN CITY AFS AK — STATION NAME
73-81 — PERIOD
ALL — MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
JAN	ALL	100.0	99.7	98.6	97.4	96.4	91.4	74.2	39.1	12.9	76.4	5596
FEB		100.0	99.5	98.8	97.9	96.1	86.3	63.5	22.7	6.8	72.5	542[illegible]
MAR		99.6	98.4	96.2	93.8	91.5	86.8	66.4	24.4	8.3	72.1	6034
APR		100.0	100.0	99.9	99.4	98.2	91.0	66.3	28.3	10.0	74.9	5886
MAY		100.0	100.0	100.0	100.0	100.0	98.8	89.9	68.2	29.9	84.0	6393
JUN		100.0	100.0	100.0	100.0	99.5	98.2	91.6	77.9	46.7	87.8	5659
JUL		100.0	100.0	100.0	100.0	99.5	98.0	93.1	77.3	53.2	88.5	5693
AUG		100.0	100.0	100.0	100.0	99.9	99.6	97.6	84.3	51.1	89.6	5958
SEP		100.0	100.0	100.0	100.0	100.0	99.6	96.6	83.7	40.7	87.7	5712
OCT		100.0	100.0	100.0	100.0	100.0	99.6	96.4	79.7	30.3	85.8	5873
NOV		100.0	100.0	100.0	99.9	99.7	98.8	90.5	64.6	28.2	83.8	5717
DEC		100.0	100.0	100.0	99.9	98.9	93.1	71.4	36.5	9.2	76.3	5768
TOTALS		100.0	99.8	99.5	99.0	98.3	95.1	83.1	57.2	27.3	81.6	69709

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F PRESSURE SUMMARY

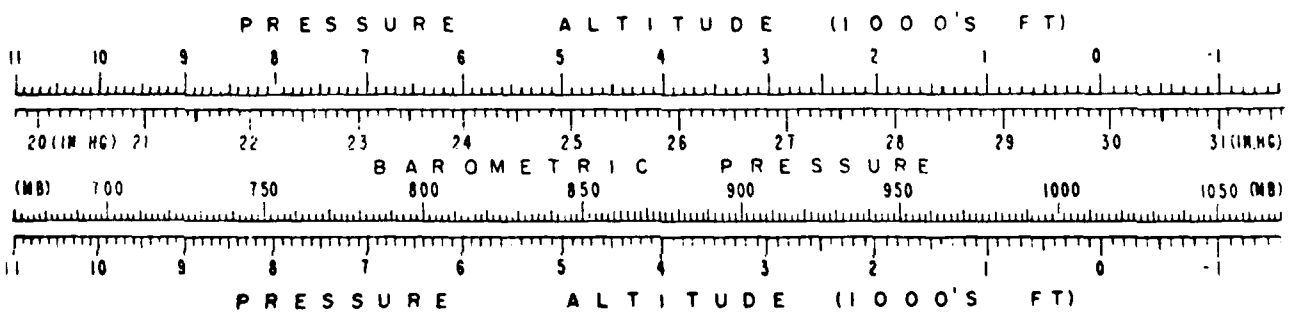
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



F

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7 1979 TIN CITY AFS AK 73-81

HOUR		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	29.492	29.568	29.519	29.553	29.542	29.563	29.545	29.532	29.462	29.379	29.381	29.5[illegible]3	29.5[illegible]
0	S.D.	.447	.369	.28[illegible]	.280	.221	.183	.167	.198	.268	.317	.377	.438	.314
	TOTAL OBS	266	251	273	266	278	261	268	272	260	271	260	266	3192
	MEAN	29.486	29.560	29.510	29.547	29.537	29.556	29.538	29.524	29.458	29.374	29.374	29.495	29.497
4	S.D.	.443	.372	.280	.279	.222	.187	.172	.198	.270	.314	.379	.440	.315
	TOTAL OBS	265	251	273	266	278	261	268	272	261	272	260	267	3194
	MEAN	29.439	29.556	29.507	29.545	29.540	29.560	29.542	29.525	29.458	29.377	29.368	29.495	29.497
7	S.D.	.444	.373	.281	.277	.222	.185	.172	.199	.272	.313	.379	.441	.315
	TOTAL OBS	267	252	274	266	278	263	269	273	261	271	261	266	3201
	MEAN	29.498	29.566	29.514	29.551	29.545	29.562	29.549	29.532	29.463	29.386	29.379	29.5[illegible]2	29.5[illegible]
10	S.D.	.445	.375	.288	.275	.222	.187	.169	.201	.272	.314	.379	.440	.316
	TOTAL OBS	270	251	275	266	278	264	269	272	262	270	264	269	3210
	MEAN	29.488	29.565	29.516	29.552	29.546	29.563	29.553	29.533	29.463	29.380	29.374	29.5[illegible]2	29.503
13	S.D.	.451	.376	.287	.274	.223	.186	.167	.202	.274	.313	.376	.442	.317
	TOTAL OBS	271	251	275	265	278	263	270	273	261	272	263	266	3208
	MEAN	29.467	29.569	29.516	29.557	29.544	29.560	29.547	29.514	29.445	29.365	29.364	29.491	29.496
16	S.D.	.481	.364	.282	.278	.220	.190	.165	.201	.279	.327	.376	.454	.321
	TOTAL OBS	205	232	248	239	270	221	215	224	210	231	233	215	2743
	MEAN	29.474	29.604	29.526	29.551	29.542	29.548	29.530	29.508	29.446	29.335	29.335	29.537	29.497
19	S.D.	.492	.359	.283	.284	.216	.197	.166	.196	.262	.293	.402	.484	.323
	TOTAL OBS	157	166	199	182	237	171	165	190	182	167	162	166	2144
	MEAN	29.462	29.594	29.517	29.556	29.551	29.563	29.546	29.525	29.447	29.358	29.347	29.529	29.502
22	S.D.	.465	.354	.286	.277	.215	.194	.166	.194	.267	.293	.402	.460	.318
	TOTAL OBS	211	207	267	237	236	207	221	241	234	216	187	219	2683
	MEAN	29.484	29.571	29.515	29.551	29.543	29.560	29.544	29.525	29.456	29.371	29.368	29.505	29.500
ALL HOURS	S.D.	.455	.368	.283	.277	.220	.188	.168	.199	.270	.311	.382	.448	.317
	TOTAL OBS	1912	1861	2084	1987	2133	1911	1945	2017	1931	1970	1890	1934	23575

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

70117 TIN CITY AFS AK 73-81

HRS		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1	MEAN	1009.6	1012.5	1010.8	1011.9	1011.3	1011.9	1011.2	1010.7	1008.4	1005.6	1005.9	1010.3	1010.5
	S.D.	15.367	12.627	9.642	9.633	7.584	6.303	5.791	6.795	9.234	10.917	12.994	15.069	10.613
	TOTAL OBS	266	251	273	266	278	261	268	272	260	271	260	266	3192
4	MEAN	1009.7	1012.3	1010.5	1011.6	1011.1	1011.6	1011.0	1010.4	1008.2	1005.5	1005.7	1010.0	1009.8
	S.D.	15.213	12.719	9.647	9.602	7.605	6.436	5.907	6.820	9.273	10.805	13.006	15.125	10.813
	TOTAL OBS	265	251	273	266	278	261	268	272	261	271	260	267	3193
7	MEAN	1009.7	1012.1	1010.4	1011.6	1011.2	1011.7	1011.0	1010.5	1008.2	1005.6	1005.5	1010.0	1009.8
	S.D.	15.244	12.797	9.703	9.587	7.619	6.400	5.899	6.859	9.377	10.756	13.044	15.167	10.840
	TOTAL OBS	267	252	274	266	278	263	269	273	261	271	261	266	3201
10	MEAN	1010.1	1012.5	1010.7	1011.8	1011.4	1011.8	1011.3	1010.7	1008.4	1005.9	1006.8	1010.2	1010.1
	S.D.	15.259	12.798	9.925	9.480	7.638	6.464	5.814	6.928	9.382	10.756	13.151	15.157	10.856
	TOTAL OBS	270	251	275	266	278	264	269	272	262	270	263	269	3209
13	MEAN	1009.7	1012.5	1010.7	1011.8	1011.4	1011.6	1011.4	1010.7	1008.4	1005.7	1006.7	1010.2	1010.0
	S.D.	15.503	12.862	9.888	9.453	7.653	6.384	5.748	6.935	9.407	10.784	12.926	15.178	10.890
	TOTAL OBS	271	251	275	265	277	263	270	273	261	271	263	266	3206
16	MEAN	1009.0	1012.6	1010.8	1012.0	1011.3	1011.8	1011.2	1010.1	1007.7	1005.2	1005.3	1009.6	1009.8
	S.D.	16.519	12.489	9.731	9.555	7.570	6.529	5.682	6.928	9.603	11.252	12.682	15.667	11.043
	TOTAL OBS	235	232	248	239	270	221	214	224	210	231	233	214	2781
19	MEAN	1009.2	1013.7	1011.1	1011.8	1011.3	1011.4	1010.7	1009.9	1007.8	1004.2	1004.3	1011.4	1009.8
	S.D.	16.945	12.310	9.719	9.600	7.408	6.778	5.698	6.767	9.002	10.072	13.785	16.633	11.111
	TOTAL OBS	157	166	199	182	237	171	165	189	182	167	162	166	2143
22	MEAN	1006.8	1013.5	1010.8	1011.9	1011.6	1011.9	1011.2	1010.5	1007.8	1004.9	1004.7	1011.1	1010.0
	S.D.	16.061	12.153	9.855	9.536	7.380	6.654	5.768	6.685	9.177	10.081	13.786	15.878	10.937
	TOTAL OBS	210	207	267	237	235	207	221	241	234	216	187	219	2681
ALL HOURS	MEAN	1009.6	1012.6	1010.7	1011.8	1011.3	1011.8	1011.1	1010.5	1008.1	1005.4	1005.4	1010.3	1009.9
	S.D.	15.649	12.607	9.751	9.557	7.553	6.466	5.790	6.837	9.301	10.712	13.116	15.388	10.900
	TOTAL OBS	1911	1861	2084	1987	2131	1911	1949	2016	1931	1968	1889	1933	23566

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